

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022620\
 Data File : BG044599.D
 Acq On : 26 Feb 2020 11:54
 Operator : CG/JU
 Sample : PB127061BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127061BS

Manual Integrations
 APPROVED

mohammad
 2/27/2020 4:58:47 PM

Quant Time: Feb 27 06:58:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	74842	20.00	ng	0.00
21) Naphthalene-d8	10.67	136	311127	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	198901	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	462307	20.00	ng	0.00
76) Chrysene-d12	21.50	240	434756	20.00	ng	0.00
87) Perylene-d12	24.57	264	386388	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	558648	119.76	ng	0.00
7) Phenol-d6	7.05	99	721760	113.04	ng	0.00
23) Nitrobenzene-d5	9.03	82	379210	62.79	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	303701	107.69	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	862224	62.08	ng	0.00
79) Terphenyl-d14	19.87	244	1441120	62.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.32	88	79220	38.919	ng	98
3) Pyridine	3.72	79	160778	28.308	ng	97
4) n-Nitrosodimethylamine	3.64	42	85716	39.736	ng	96
6) Aniline	7.20	93	224684	28.903	ng	98
8) 2-Chlorophenol	7.44	128	220177	43.240	ng	97
9) Benzaldehyde	7.01	77	52207	13.905	ng	99
10) Phenol	7.08	94	266149	43.014	ng	99
11) bis(2-Chloroethyl)ether	7.30	93	203849	39.189	ng	95
12) 1,3-Dichlorobenzene	7.76	146	230389	37.935	ng	99
13) 1,4-Dichlorobenzene	7.91	146	234014	38.341	ng	99
14) 1,2-Dichlorobenzene	8.22	146	222515	38.336	ng	98
15) Benzyl Alcohol	8.11	79	179071	41.585	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.41	45	262996	37.621	ng	99
17) 2-Methylphenol	8.32	107	185331	41.927	ng	96
18) Hexachloroethane	8.95	117	84229	37.761	ng	94
19) n-Nitroso-di-n-propylamine	8.68	70	154729	37.700	ng	98
20) 3+4-Methylphenols	8.65	107	250608	41.411	ng	99
22) Acetophenone	8.69	105	301406	38.585	ng	# 100
24) Nitrobenzene	9.07	77	227382	38.863	ng	99
25) Isophorone	9.60	82	425729	37.683	ng	98
26) 2-Nitrophenol	9.79	139	125295	39.487	ng	98
27) 2,4-Dimethylphenol	9.85	122	203321	45.636	ng	99
28) bis(2-Chloroethoxy)methane	10.08	93	267491	35.804	ng	100
29) 2,4-Dichlorophenol	10.33	162	214266	40.227	ng	98
30) 1,2,4-Trichlorobenzene	10.54	180	224410	36.430	ng	99
31) Naphthalene	10.72	128	644313	37.952	ng	99
32) Benzoic acid	10.03	122	103111	55.284	ng	98
33) 4-Chloroaniline	10.83	127	154806	20.703	ng	99
34) Hexachlorobutadiene	11.01	225	133885	34.609	ng	100
35) Caprolactam	11.61	113	80898m	42.426	ng	
36) 4-Chloro-3-methylphenol	11.97	107	222386	40.560	ng	98
37) 2-Methylnaphthalene	12.34	142	474685	37.832	ng	98
38) 1-Methylnaphthalene	12.55	142	446530	37.454	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	240348	35.894	ng	99

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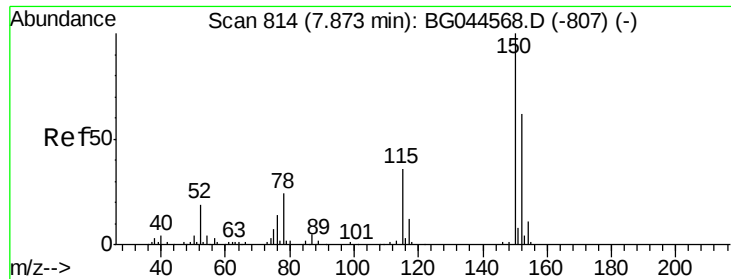
Manual Integrations
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 2/27/2020 4:58:47 PM

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 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.70	237	188016	61.177	nq	98
43) 2,4,6-Trichlorophenol	12.95	196	172421	39.657	nq	97
44) 2,4,5-Trichlorophenol	13.03	196	183750	41.142	nq	97
46) 1,1'-Biphenyl	13.35	154	593418	36.052	nq	98
47) 2-Chloronaphthalene	13.39	162	467751	36.240	nq	99
48) 2-Nitroaniline	13.59	65	138823	38.746	nq	97
49) Acenaphthylene	14.23	152	735598	38.609	nq	100
50) Dimethylphthalate	13.98	163	603034	37.563	nq	100
51) 2,6-Dinitrotoluene	14.09	165	138803	39.203	nq	96
52) Acenaphthene	14.58	154	451164	37.148	nq	100
53) 3-Nitroaniline	14.42	138	108282	28.357	nq	97
54) 2,4-Dinitrophenol	14.63	184	167446	79.450	nq	96
55) Dibenzofuran	14.92	168	708651	38.060	nq	99
56) 4-Nitrophenol	14.75	139	264998	100.889	nq	98
57) 2,4-Dinitrotoluene	14.88	165	198740	39.925	nq	97
58) Fluorene	15.56	166	567179	38.419	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.15	232	168410	40.947	nq	98
60) Diethylphthalate	15.34	149	611098	38.418	nq	99
61) 4-Chlorophenyl-phenylether	15.56	204	298549	37.194	nq	98
62) 4-Nitroaniline	15.59	138	144494	37.791	nq	98
63) Azobenzene	15.85	77	526620	38.901	nq	99
65) 4,6-Dinitro-2-methylphenol	15.65	198	126004	44.018	nq	97
66) n-Nitrosodiphenylamine	15.77	169	536500	37.203	nq	98
67) 4-Bromophenyl-phenylether	16.45	248	199903	34.835	nq	98
68) Hexachlorobenzene	16.58	284	220672	34.012	nq	97
69) Atrazine	16.73	200	209474	39.293	nq	98
70) Pentachlorophenol	16.92	266	256691	80.776	nq	97
71) Phenanthrene	17.30	178	943647	36.868	nq	99
72) Anthracene	17.40	178	958678	38.008	nq	98
73) Carbazole	17.66	167	900367	39.216	nq	99
74) Di-n-butylphthalate	18.22	149	1109369	38.560	nq	98
75) Fluoranthene	19.32	202	1181693	39.001	nq	100
77) Benzidine	19.49	184	221783	14.892	nq	99
78) Pyrene	19.68	202	1181985	37.453	nq	99
80) Butylbenzylphthalate	20.57	149	518949	37.593	nq	99
81) Benzo(a)anthracene	21.48	228	1130249	36.989	nq	99
82) 3,3'-Dichlorobenzidine	21.40	252	353624	29.294	nq	100
83) Chrysene	21.55	228	1091753	36.954	nq	99
84) Bis(2-ethylhexyl)phthalate	21.40	149	718866	37.793	nq	99
85) Di-n-octyl phthalate	22.56	149	1269206	37.925	nq	99
86) Indeno(1,2,3-cd)pyrene	28.04	276	1374966	36.265	nq	99
88) Benzo(b)fluoranthene	23.60	252	1227581	48.322	nq	99
89) Benzo(k)fluoranthene	23.66	252	1152878	46.771	nq	99
90) Benzo(a)pyrene	24.43	252	1096962	45.958	nq	99
91) Dibenzo(a,h)anthracene	28.10	278	1154273	48.897	nq	99
92) Benzo(g,h,i)perylene	29.13	276	1163601	49.199	nq	99

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



#1

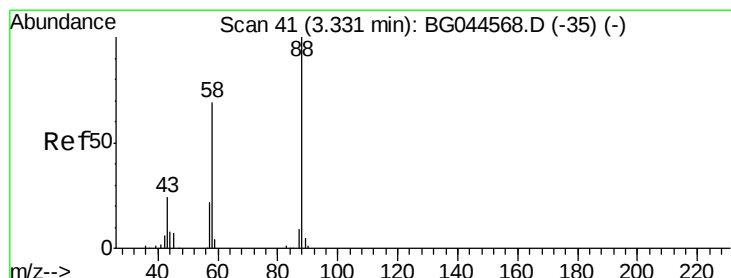
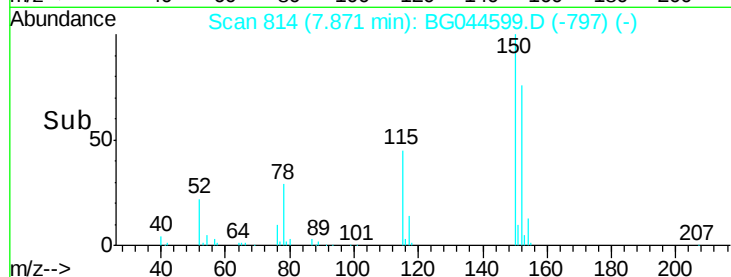
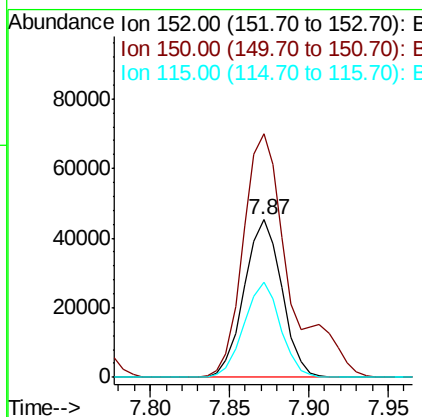
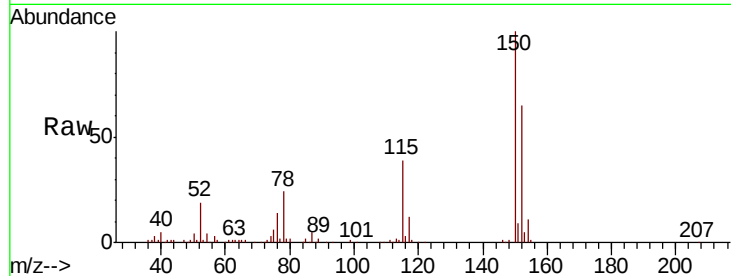
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG044599.D
Acq: 26 Feb 2020 11:54

Instrument :
BNA_G
ClientSampleId :
PB127061BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	128.9	193.3
115	60.0	47.0	70.4

Manual Integrations
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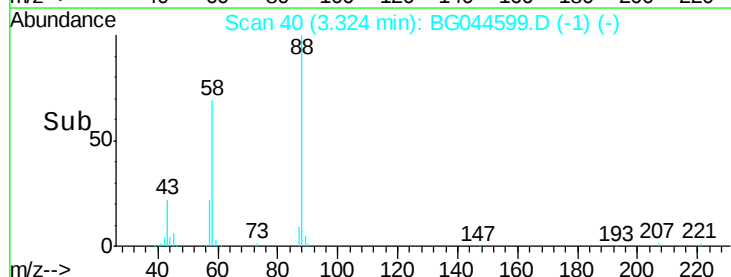
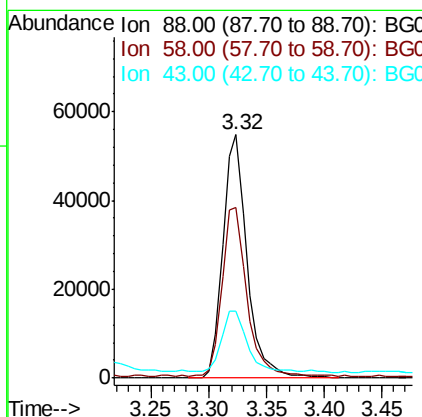
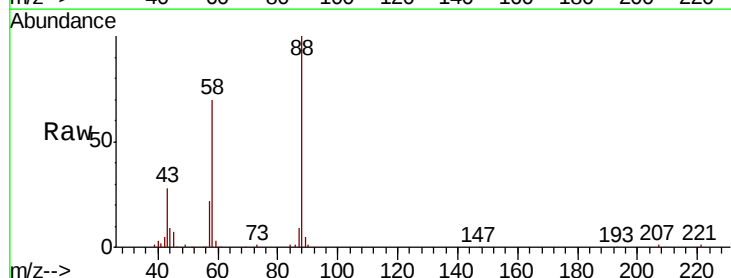
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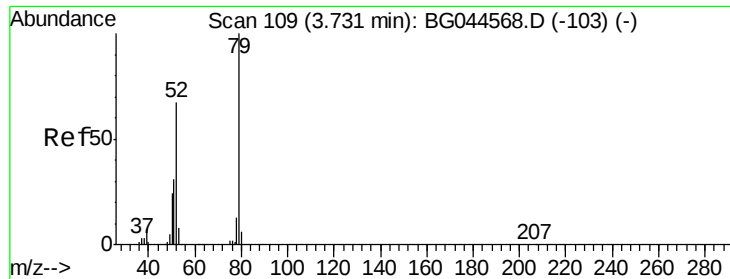


#2

1,4-Dioxane
Concen: 38.919 ng
RT: 3.32 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG044599.D
Acq: 26 Feb 2020 11:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.3	55.8	83.8
43	26.4	20.6	31.0





#3

Pvridine

Concen: 28.308 ng

RT: 3.72 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG044599.D

Acq: 26 Feb 2020 11:54

Instrument :

BNA_G

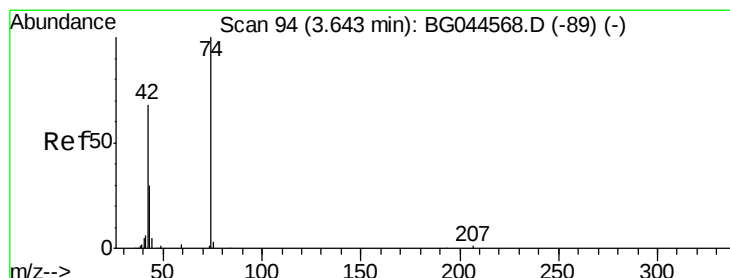
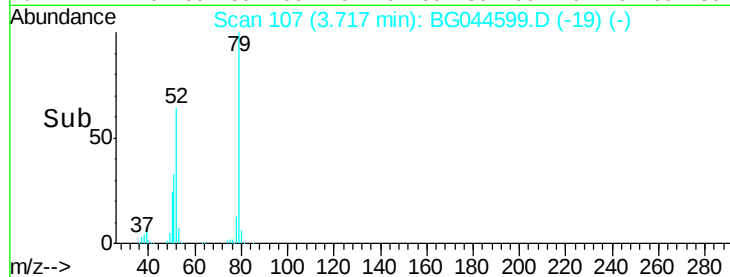
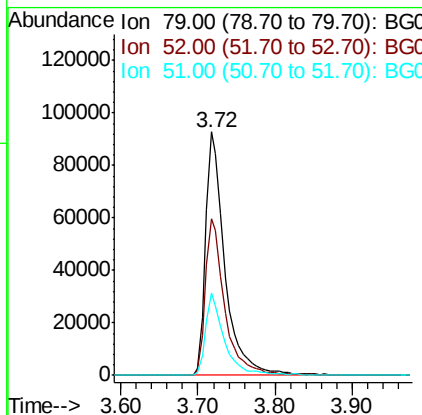
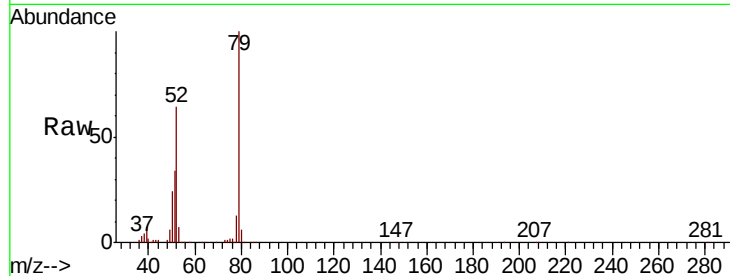
ClientSampleId :

PB127061BS

Tot Ion:	79	Resp:	160778
Ion Ratio	Lower	Upper	
79	100		
52	64.4	53.7	80.5
51	33.7	25.4	38.0

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#4

n-Nitrosodimethylamine

Concen: 39.736 ng

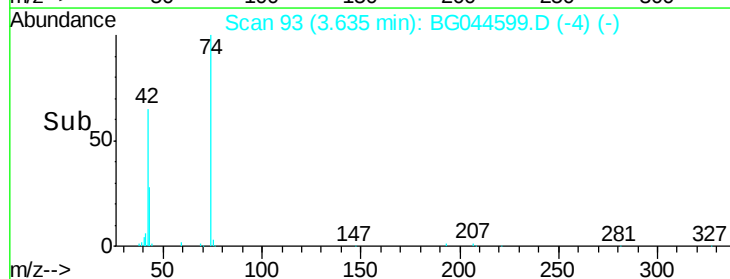
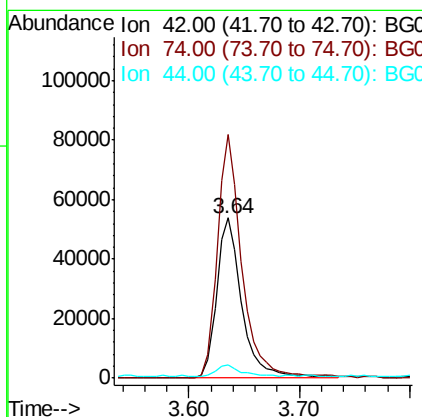
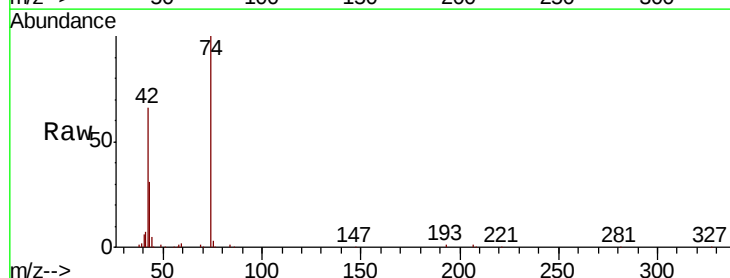
RT: 3.64 min Scan# 93

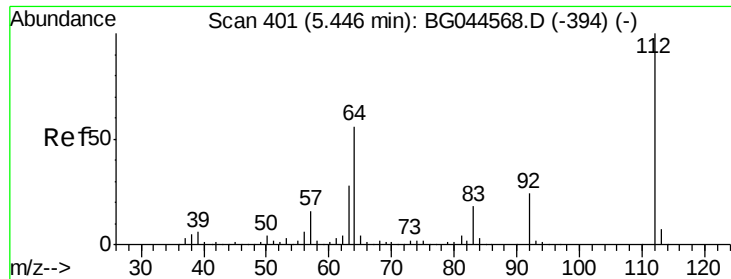
Delta R.T. -0.01 min

Lab File: BG044599.D

Acq: 26 Feb 2020 11:54

Tgt Ion:	42	Resp:	85716
Ion Ratio	Lower	Upper	
42	100		
74	152.1	117.6	176.4
44	7.9	6.3	9.5





#5

2-Fluorophenol

Concen: 119.763 ng

RT: 5.45 min Scan# 402

Delta R.T. 0.00 min

Lab File: BG044599.D

Acq: 26 Feb 2020 11:54

Instrument :

BNA_G

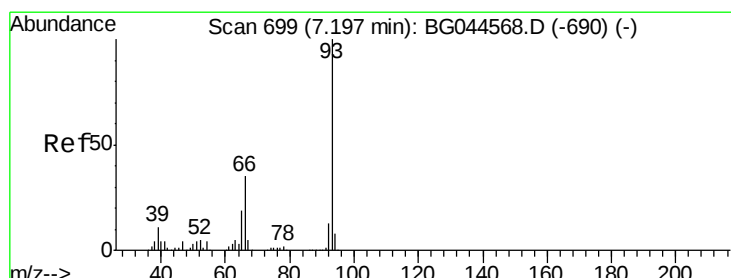
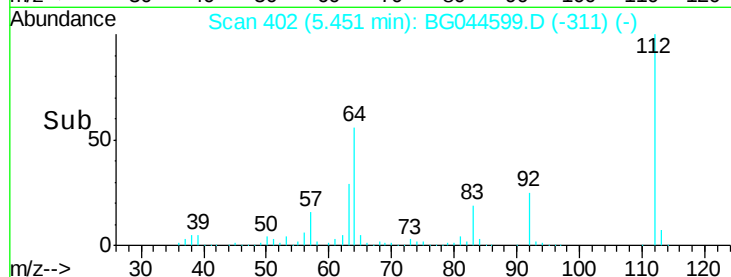
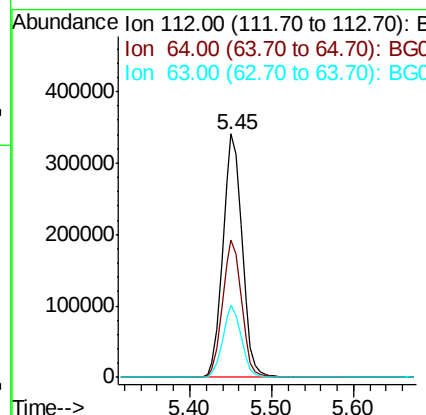
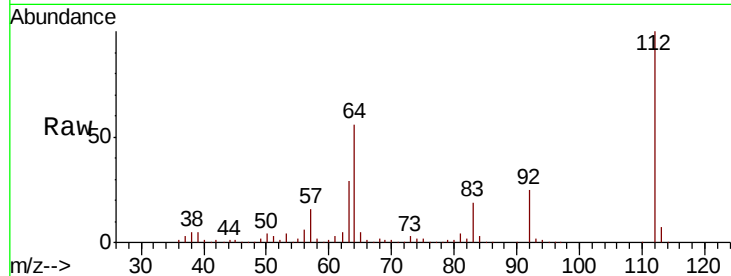
ClientSampleId :

PB127061BS

Tot Ion:	112	Resp:	558648
Ion Ratio	Lower	Upper	
112	100		
64	56.4	44.8	67.2
63	29.4	22.3	33.5

Manual Integrations
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#6

Aniline

Concen: 28.903 ng

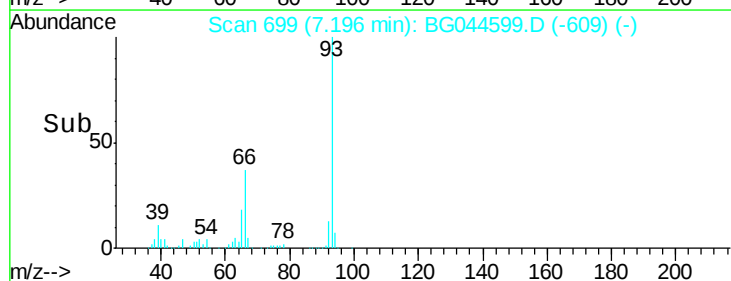
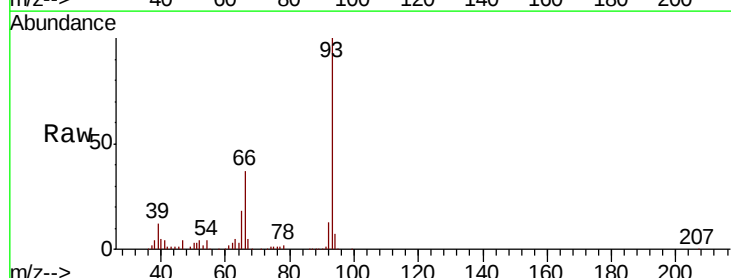
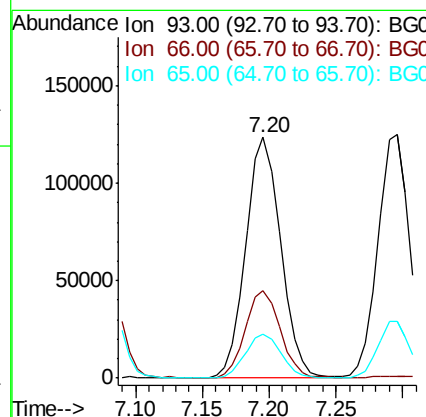
RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG044599.D

Acq: 26 Feb 2020 11:54

Tgt Ion:	93	Resp:	224684
Ion Ratio	Lower	Upper	
93	100		
66	36.6	27.8	41.8
65	18.3	14.9	22.3





#7

Phenol-d6

Concen: 113.041 ng

RT: 7.05 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG044599.D

Acq: 26 Feb 2020 11:54

Instrument :

BNA_G

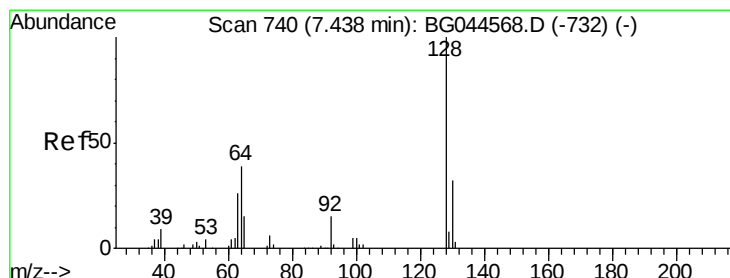
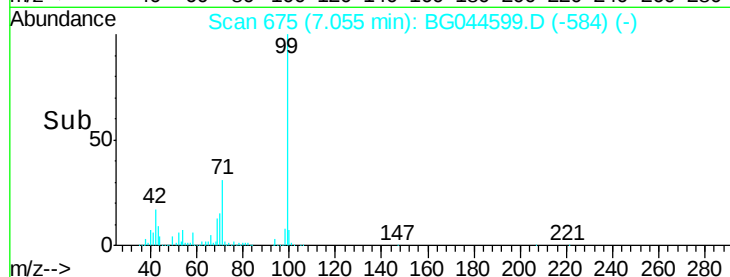
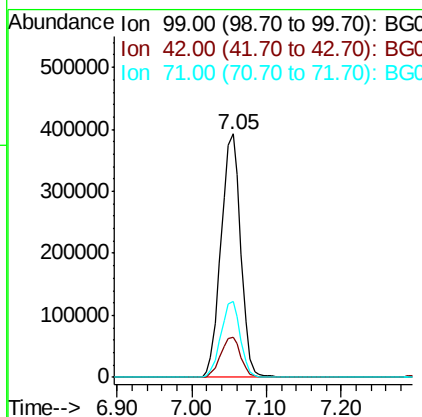
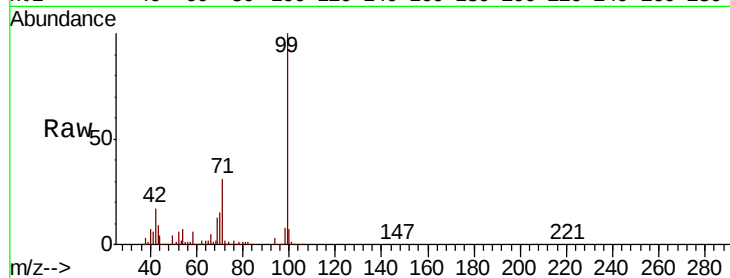
ClientSampleId :

PB127061BS

Tot Ion:	99	Resp:	721760
Ion	Ratio	Lower	Upper
99	100		
42	16.6	12.8	19.2
71	31.3	24.4	36.6

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#8

2-Chlorophenol

Concen: 43.240 ng

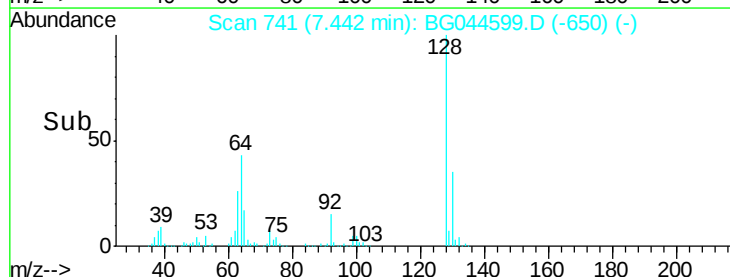
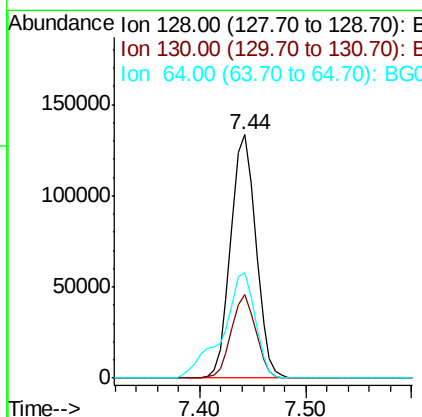
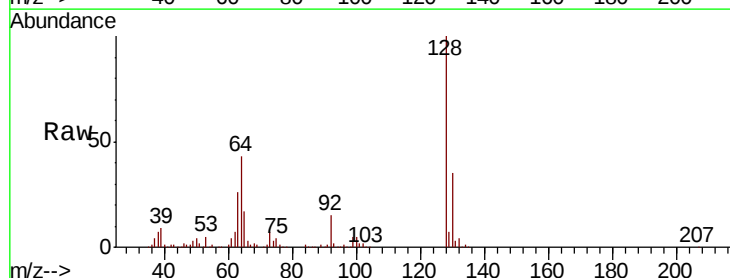
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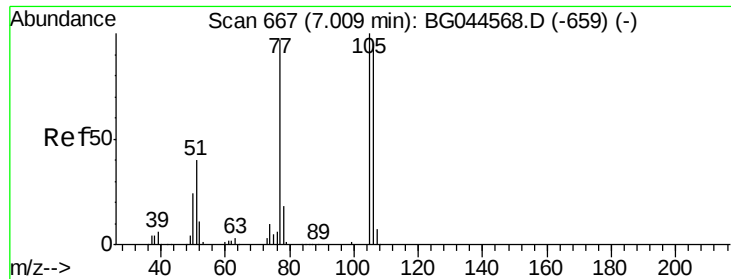
Delta R.T. 0.00 min

Lab File: BG044599.D

Acq: 26 Feb 2020 11:54

Tgt Ion:	128	Resp:	220177
Ion	Ratio	Lower	Upper
128	100		
130	34.6	12.3	52.3
64	43.4	22.5	62.5





#9

Benzaldehyde

Concen: 13.905 ng

RT: 7.01 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG044599.D

Acq: 26 Feb 2020 11:54

Instrument :

BNA_G

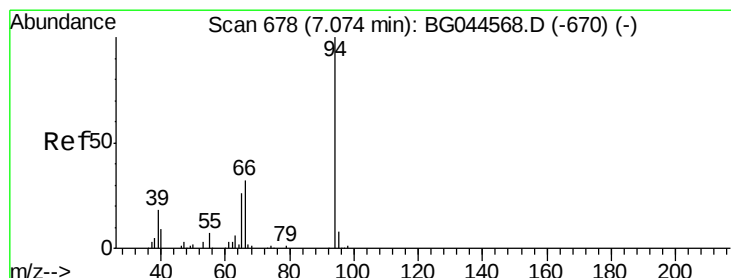
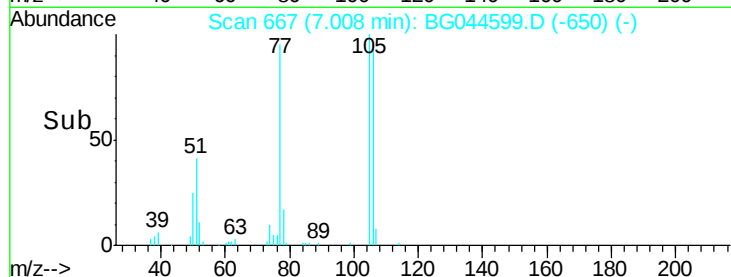
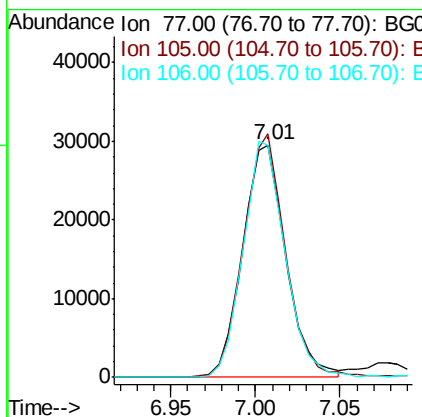
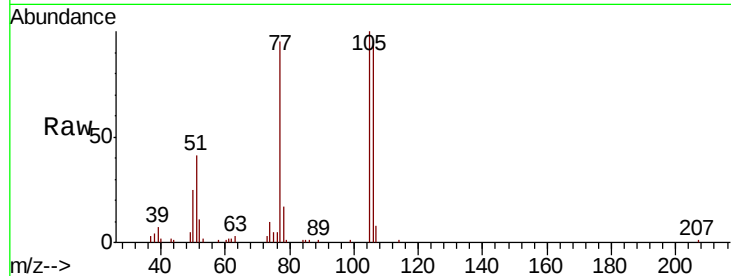
ClientSampleId :

PB127061BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	104.9	83.6	123.6
106	99.9	78.2	118.2

Manual Integrations
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#10

Phenol

Concen: 43.014 ng

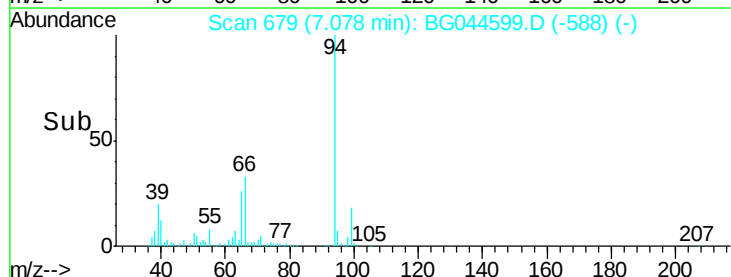
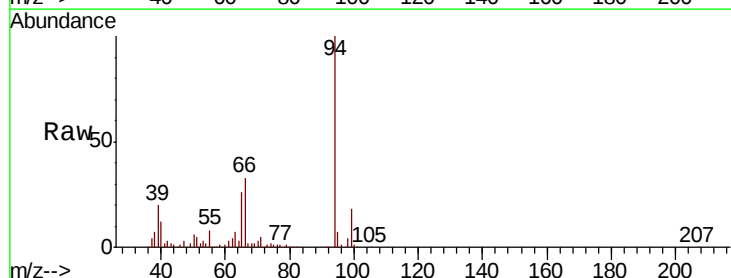
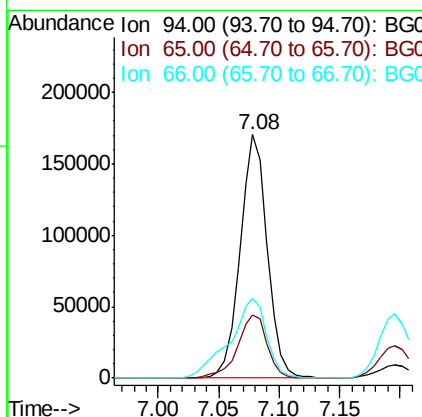
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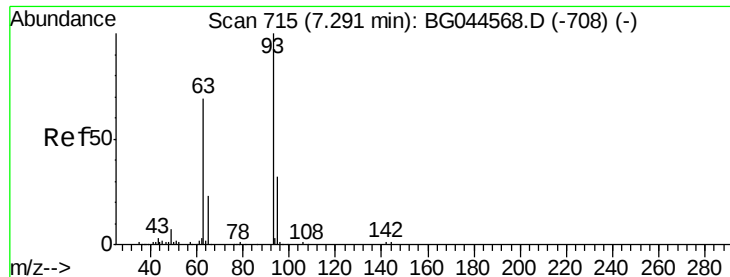
Delta R.T. 0.00 min

Lab File: BG044599.D

Acq: 26 Feb 2020 11:54

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.1	6.4	46.4
66	32.8	13.9	53.9





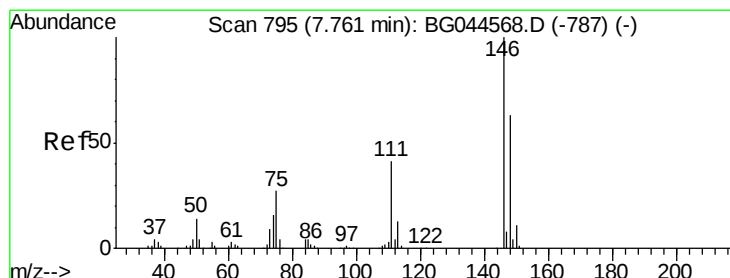
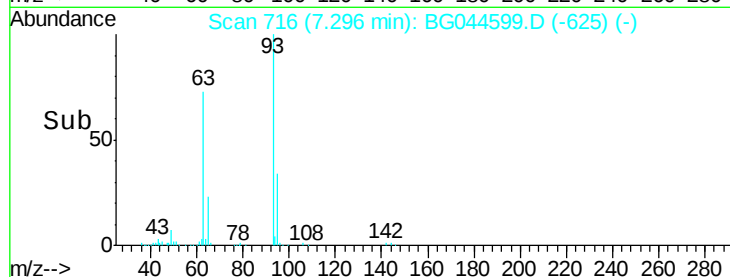
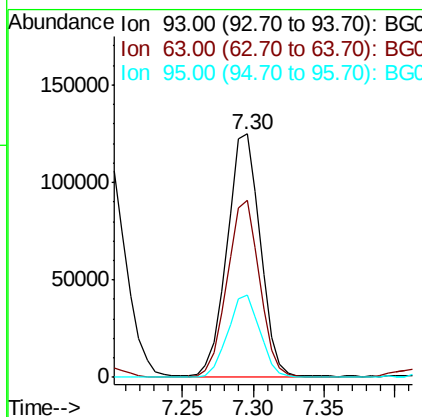
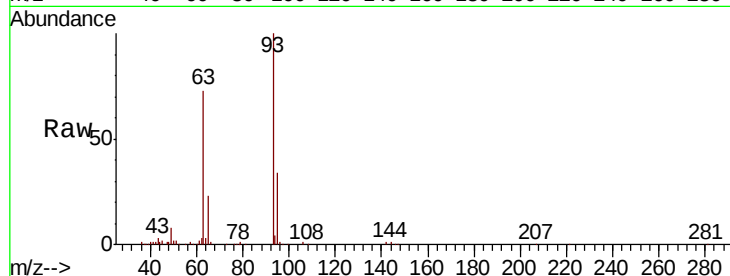
#11
bis(2-Chloroethyl)ether
Concen: 39.189 ng
RT: 7.30 min Scan# 716
Delta R.T. 0.00 min
Lab File: BG044599.D
Acq: 26 Feb 2020 11:54

Instrument :
BNA_G
ClientSampleId :
PB127061BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.6	48.9	88.9
95	33.8	11.3	51.3

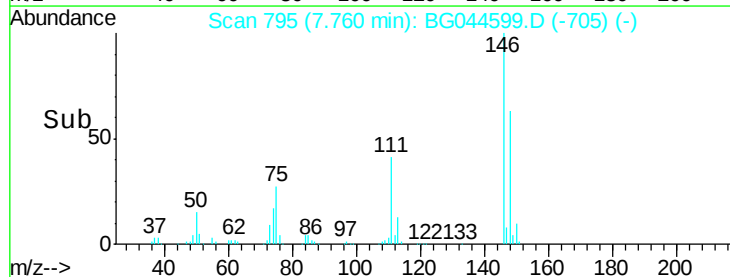
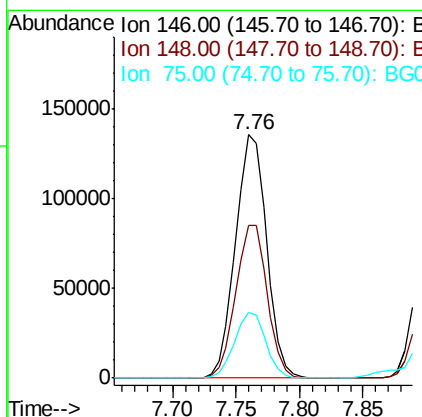
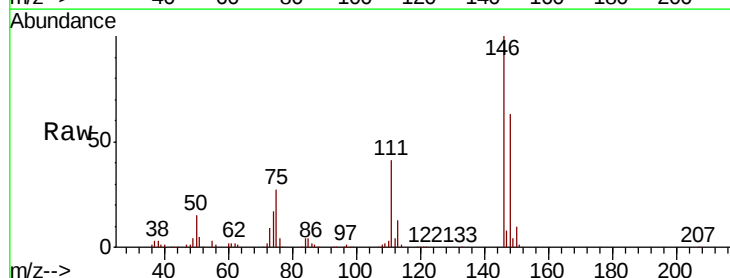
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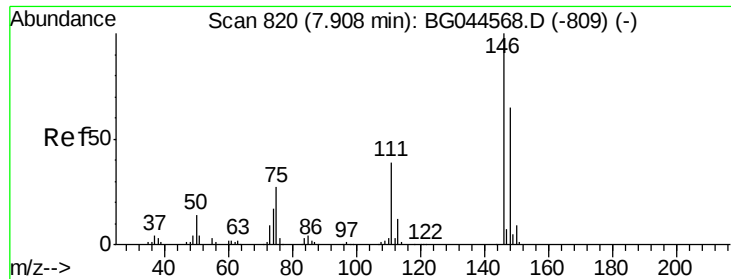
mohammad
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#12
1,3-Dichlorobenzene
Concen: 37.935 ng
RT: 7.76 min Scan# 795
Delta R.T. -0.00 min
Lab File: BG044599.D
Acq: 26 Feb 2020 11:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.6	75.8
75	27.2	21.4	32.0





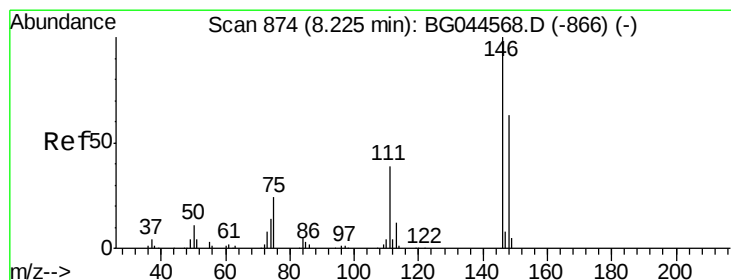
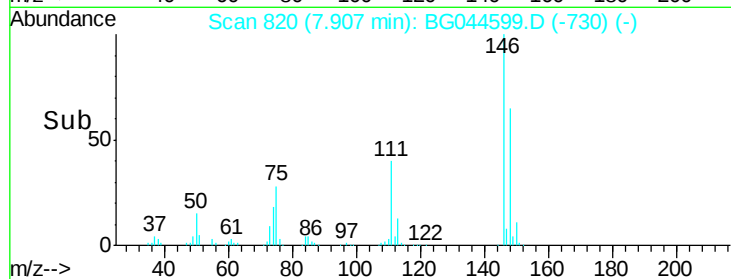
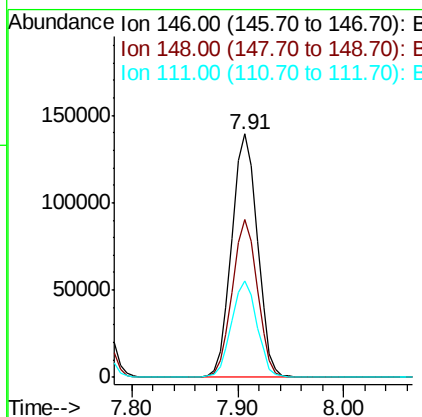
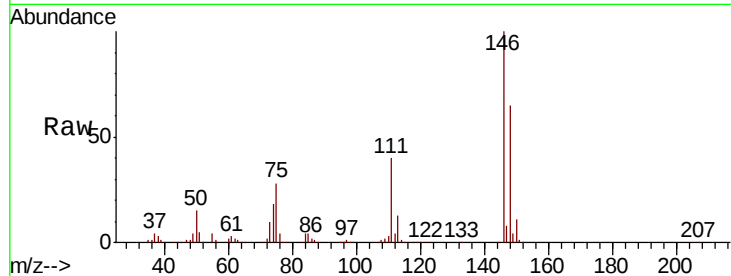
#13
 1,4-Dichlorobenzene
 Concen: 38.341 ng
 RT: 7.91 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG044599.D
 Acq: 26 Feb 2020 11:54

Instrument :
 BNA_G
 ClientSampleId :
 PB127061BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.9	77.9
111	39.6	30.8	46.2

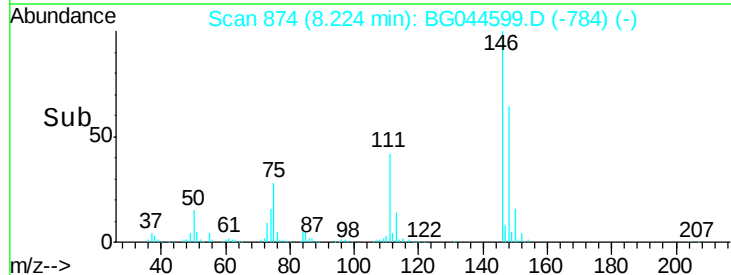
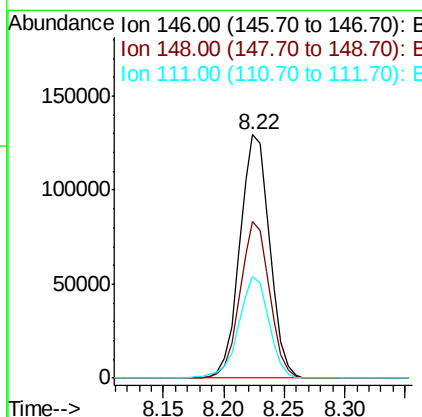
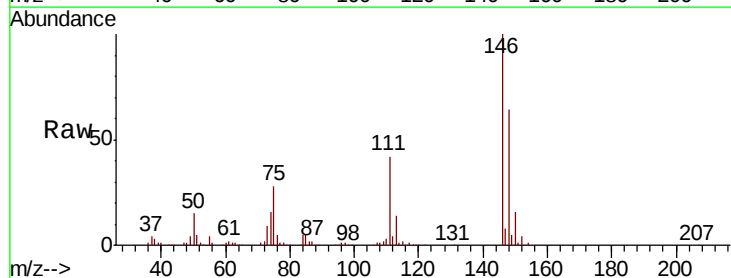
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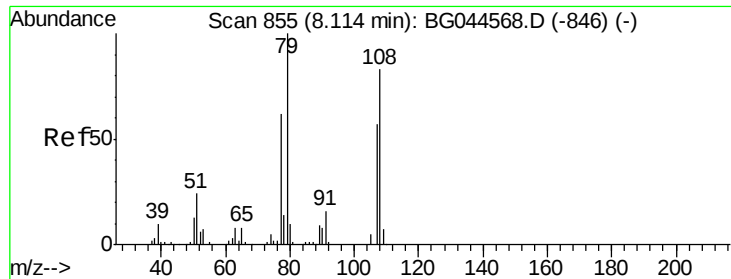
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 38.336 ng
 RT: 8.22 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: BG044599.D
 Acq: 26 Feb 2020 11:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.7	76.1
111	41.8	31.8	47.6





#15

Benzyl Alcohol

Concen: 41.585 ng

RT: 8.11 min Scan# 855

Delta R.T. -0.00 min

Lab File: BG044599.D

Acq: 26 Feb 2020 11:54

Instrument :

BNA_G

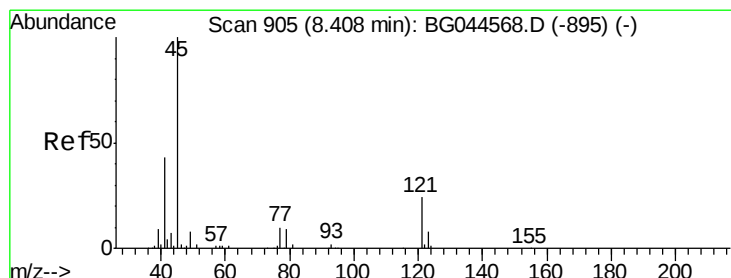
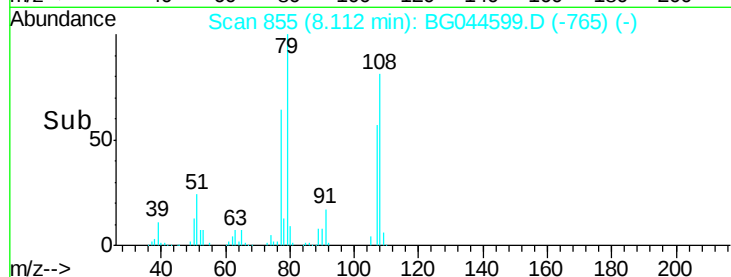
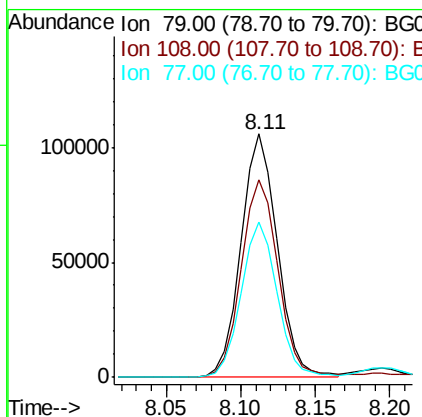
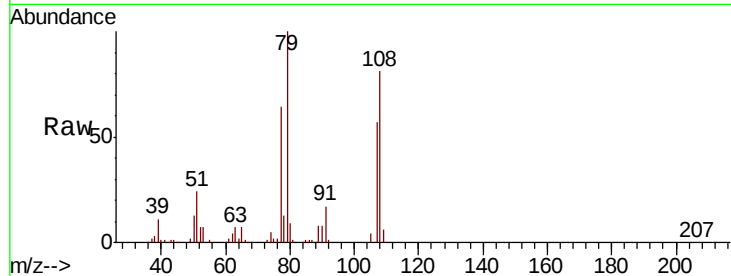
ClientSampled :

PB127061BS

Tot Ion:	79	Resp:	179071
Ion Ratio	Lower	Upper	
79	100		
108	81.0	66.0	99.0
77	63.6	49.6	74.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.621 ng

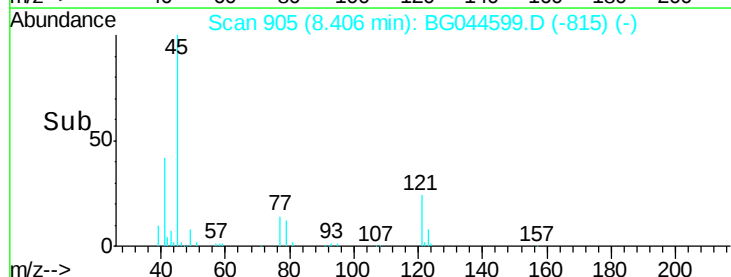
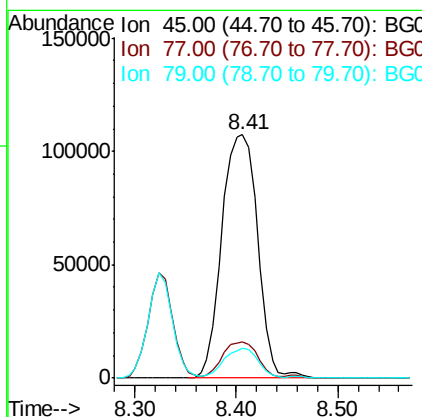
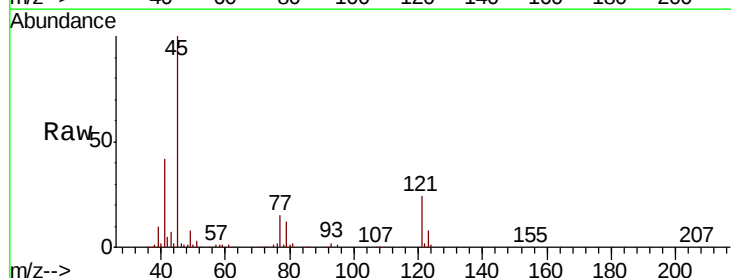
RT: 8.41 min Scan# 905

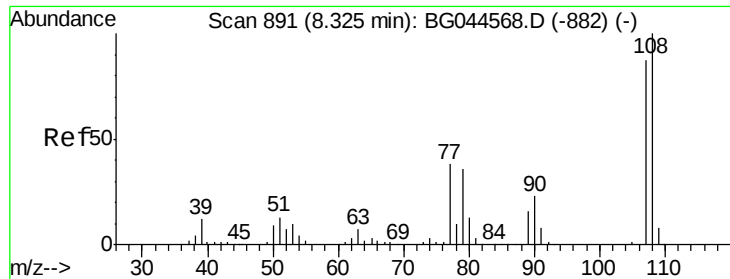
Delta R.T. -0.00 min

Lab File: BG044599.D

Acq: 26 Feb 2020 11:54

Tgt Ion:	45	Resp:	262996
Ion Ratio	Lower	Upper	
45	100		
77	15.1	0.0	34.4
79	12.1	0.0	32.3





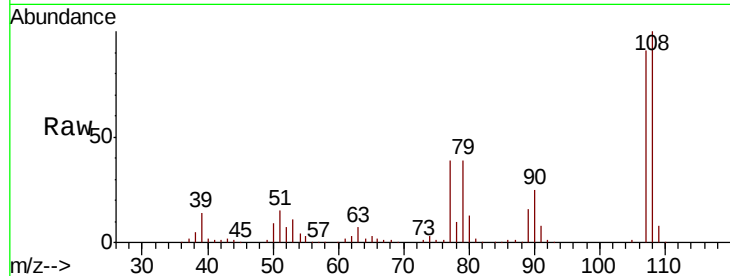
#17
2-Methylphenol
Concen: 41.927 ng
RT: 8.32 min Scan# 891
Delta R.T. -0.00 min
Lab File: BG044599.D
Acq: 26 Feb 2020 11:54

Instrument :
BNA_G
ClientSampleId :
PB127061BS

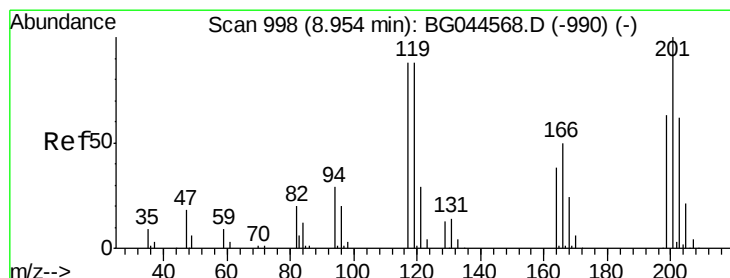
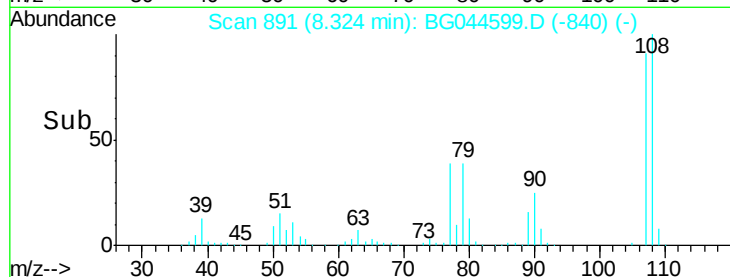
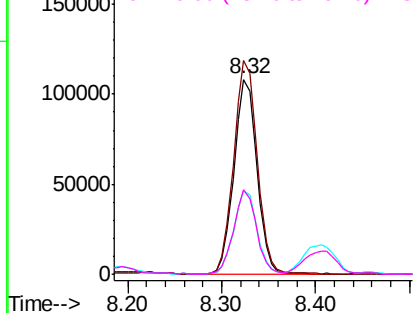
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.5	91.7	137.5	
77	42.8	35.1	52.7	
79	43.1	33.2	49.8	

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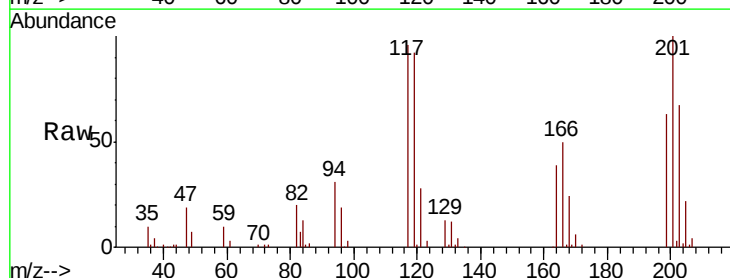


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

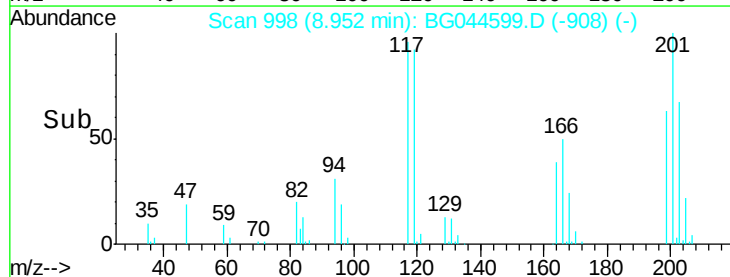
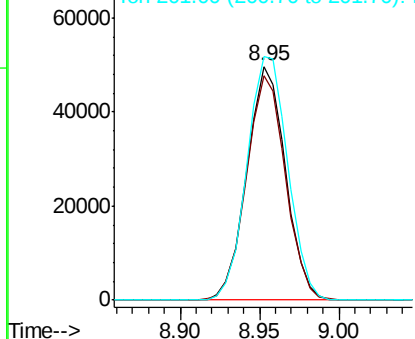


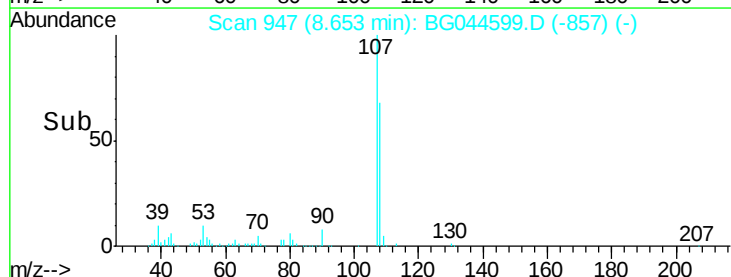
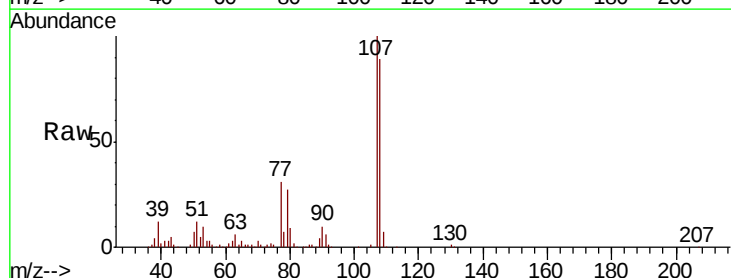
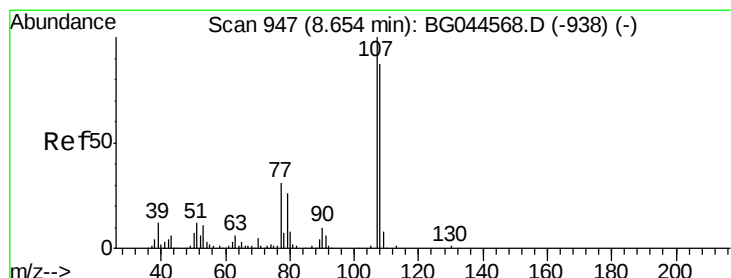
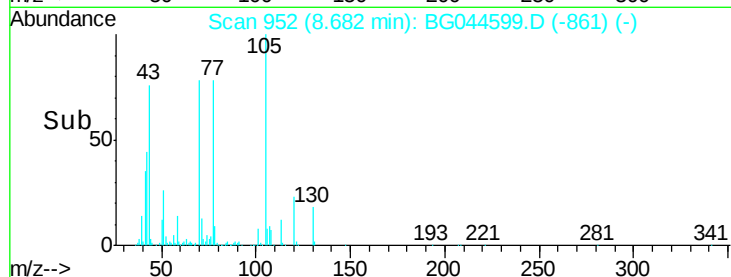
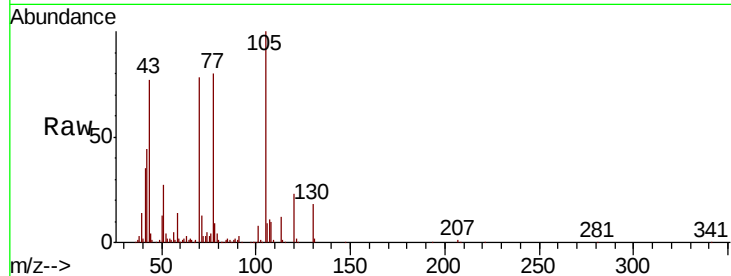
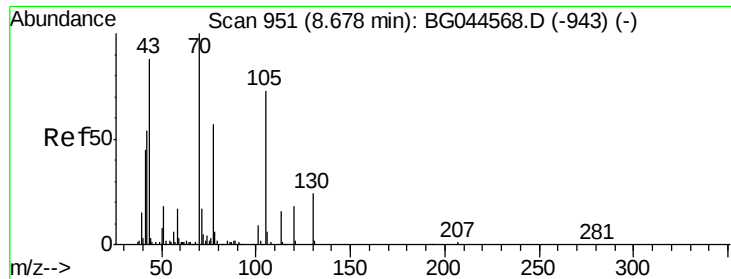
#18
Hexachloroethane
Concen: 37.761 ng
RT: 8.95 min Scan# 998
Delta R.T. -0.00 min
Lab File: BG044599.D
Acq: 26 Feb 2020 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.3	80.0	120.0	
201	104.3	90.5	135.7	



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





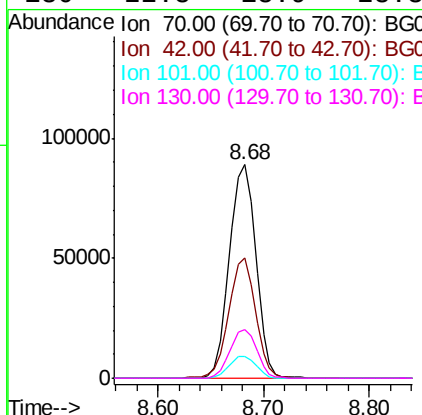
#19
n-Nitroso-di-n-propylamine
Concen: 37.700 ng
RT: 8.68 min Scan# 952
Delta R.T. 0.00 min
Lab File: BG044599.D
Acq: 26 Feb 2020 11:54

Instrument :
BNA_G
ClientSampleId :
PB127061BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.2	43.4	65.0	
101	10.2	7.5	11.3	
130	22.8	18.9	28.3	

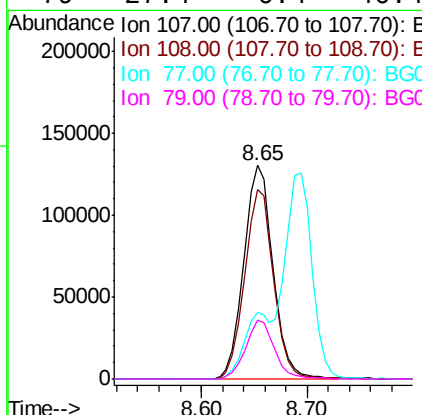
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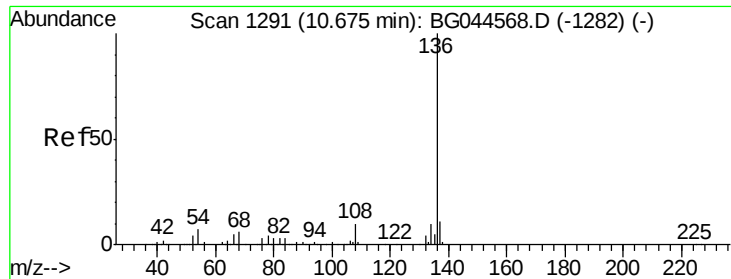
mohammad
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#20
3+4-Methylphenols
Concen: 41.411 ng
RT: 8.65 min Scan# 947
Delta R.T. -0.00 min
Lab File: BG044599.D
Acq: 26 Feb 2020 11:54

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.8	67.5	107.5	
77	30.9	11.3	51.3	
79	27.4	6.4	46.4	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.67 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BG044599.D

Acq: 26 Feb 2020 11:54

Instrument :

BNA_G

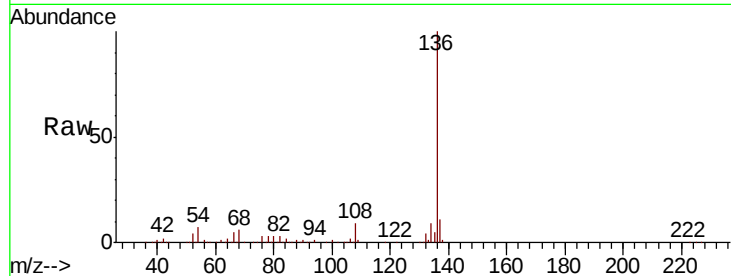
ClientSampleId :

PB127061BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	311127		
137	10.8		8.8	13.2
54	7.3		5.7	8.5
68	5.8		4.5	6.7

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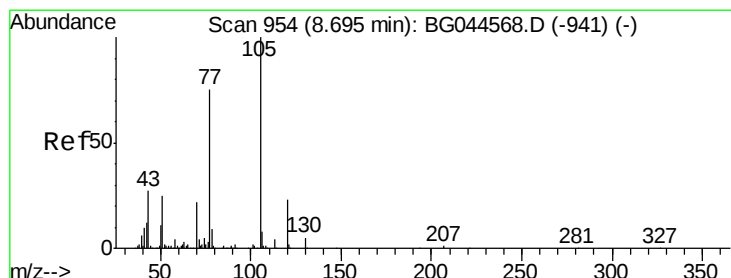
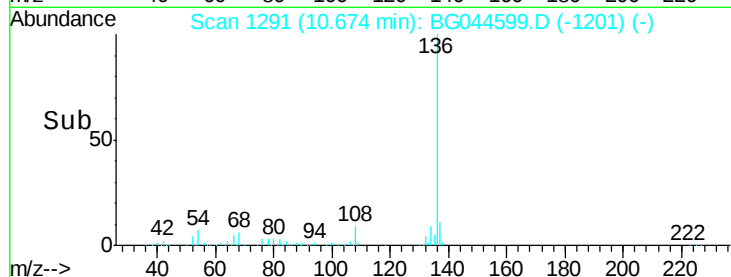
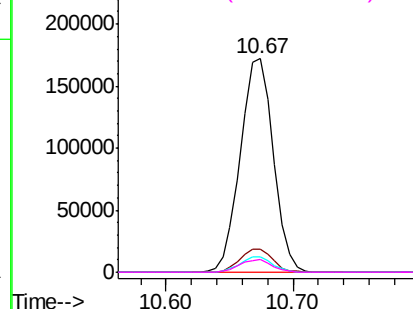
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 38.585 ng

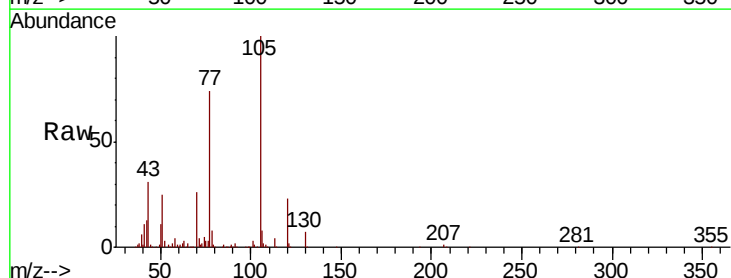
RT: 8.69 min Scan# 954

Delta R.T. -0.00 min

Lab File: BG044599.D

Acq: 26 Feb 2020 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	301406		
71	4.3		2.8	4.2#
51	24.9		19.9	29.9
120	23.4		18.6	28.0



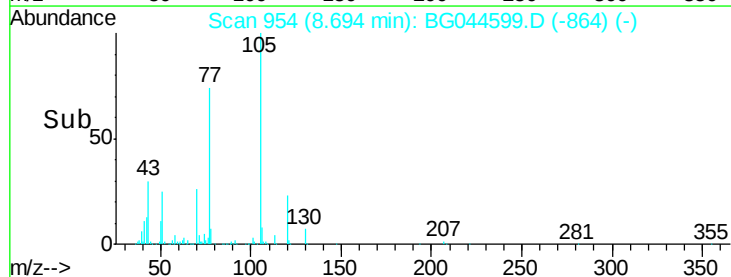
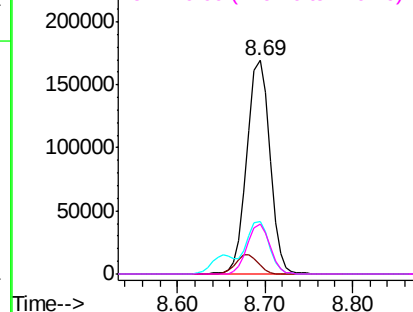
Abundance

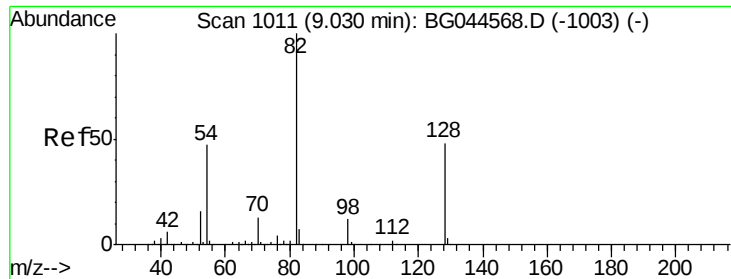
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





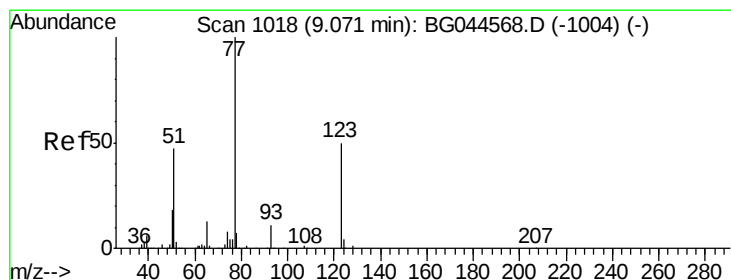
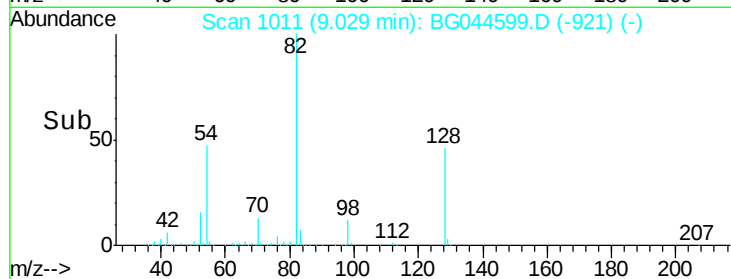
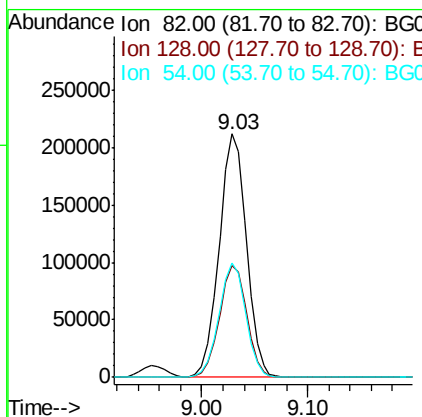
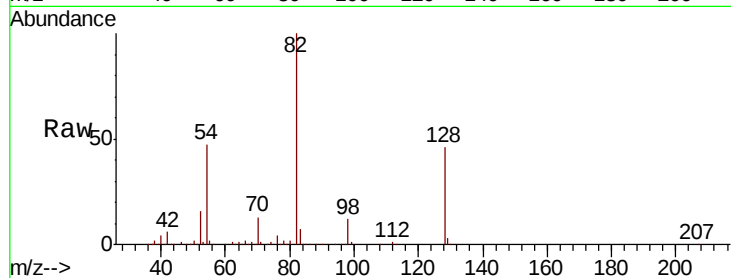
#23
Nitrobenzene-d5
Concen: 62.792 ng
RT: 9.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BG044599.D
Acq: 26 Feb 2020 11:54

Instrument :
BNA_G
ClientSampleId :
PB127061BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.7	38.1	57.1
54	46.7	37.5	56.3

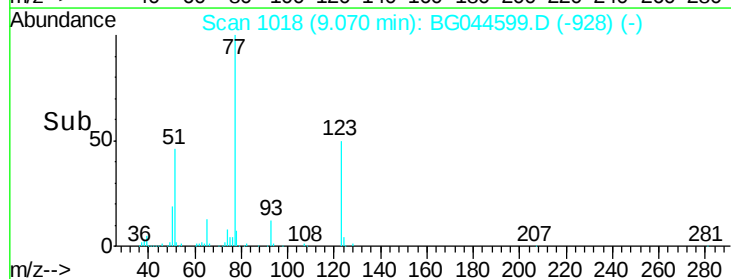
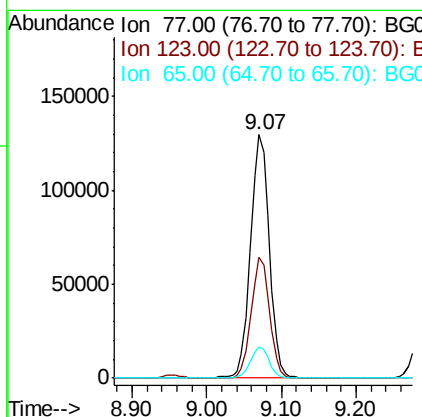
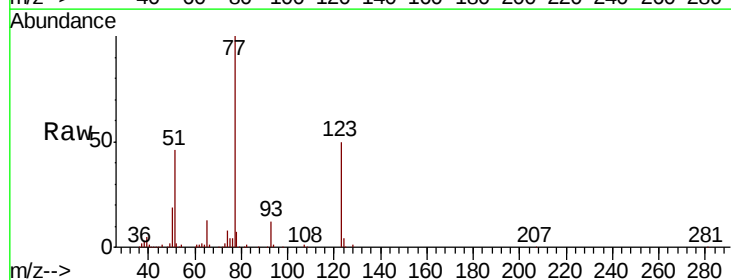
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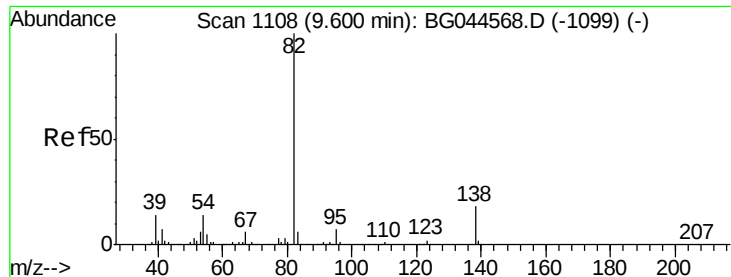
mohammad
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#24
Nitrobenzene
Concen: 38.863 ng
RT: 9.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BG044599.D
Acq: 26 Feb 2020 11:54

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.8	40.1	60.1
65	12.7	10.4	15.6





#25

Isophorone

Concen: 37.683 ng

RT: 9.60 min Scan# 1108

Delta R.T. -0.00 min

Lab File: BG044599.D

Acq: 26 Feb 2020 11:54

Instrument :

BNA_G

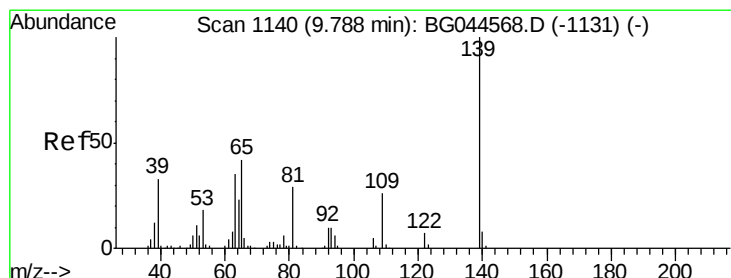
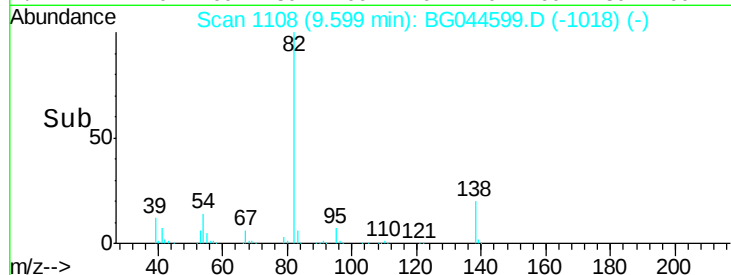
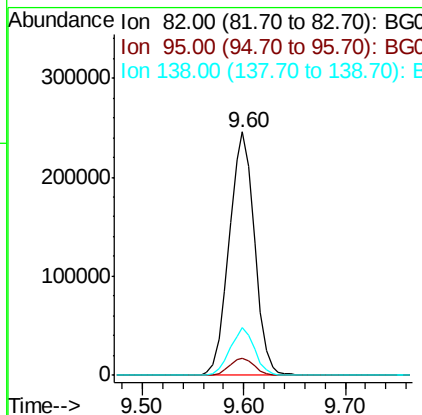
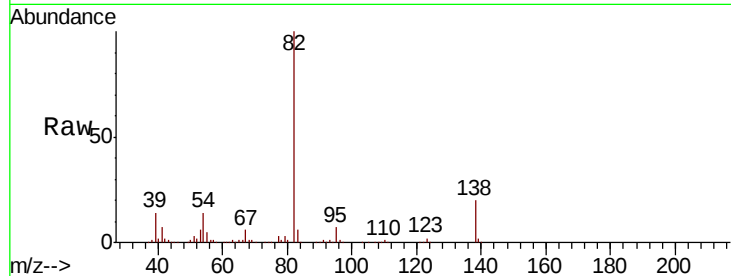
ClientSampleId :

PB127061BS

Tot Ion:	82	Resp:	425729
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.6	8.4
138	19.6	14.7	22.1

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#26

2-Nitrophenol

Concen: 39.487 ng

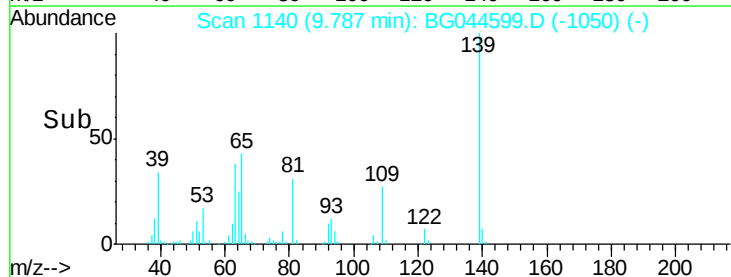
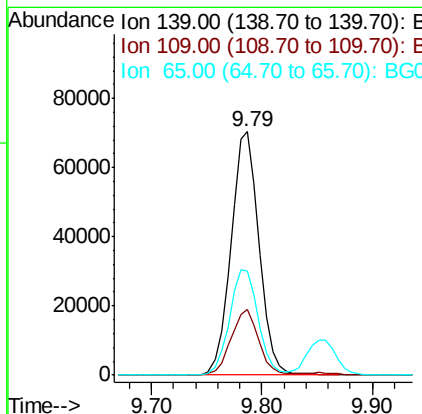
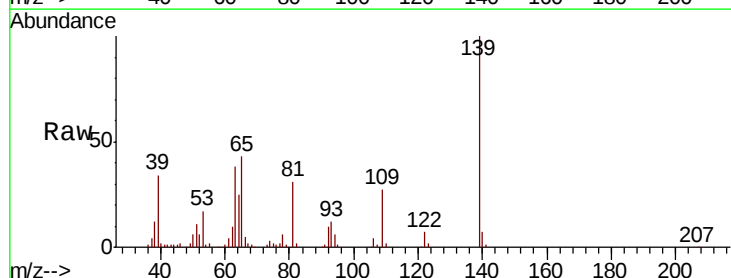
RT: 9.79 min Scan# 1140

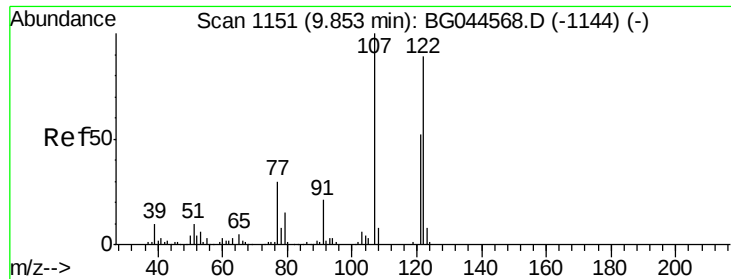
Delta R.T. -0.00 min

Lab File: BG044599.D

Acq: 26 Feb 2020 11:54

Tgt Ion:	139	Resp:	125295
Ion Ratio	Lower	Upper	
139	100		
109	26.8	20.6	31.0
65	42.7	33.3	49.9





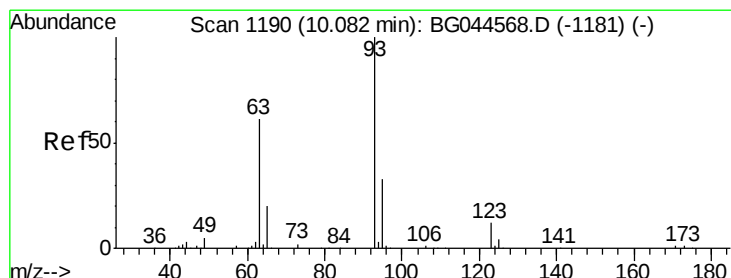
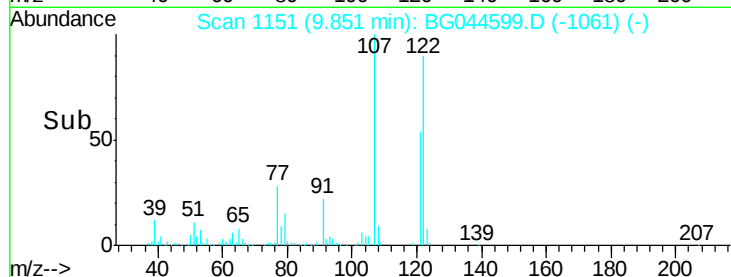
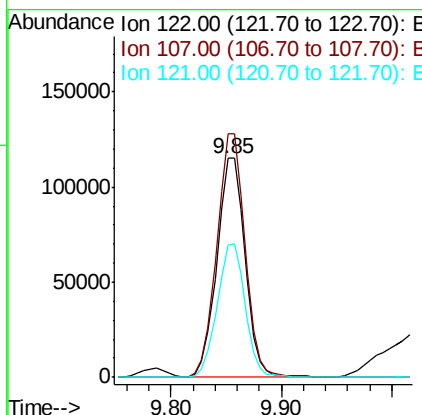
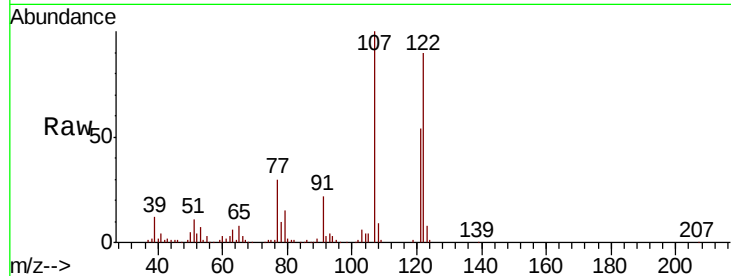
#27
2,4-Dimethylphenol
Concen: 45.636 ng
RT: 9.85 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BG044599.D
Acq: 26 Feb 2020 11:54

Instrument :
BNA_G
ClientSampleId :
PB127061BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	203321		
107	111.0	89.4	134.0	
121	60.3	46.5	69.7	

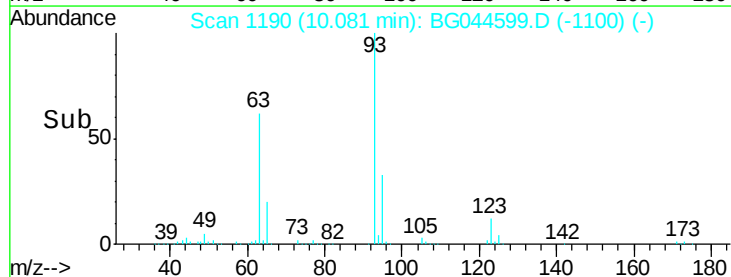
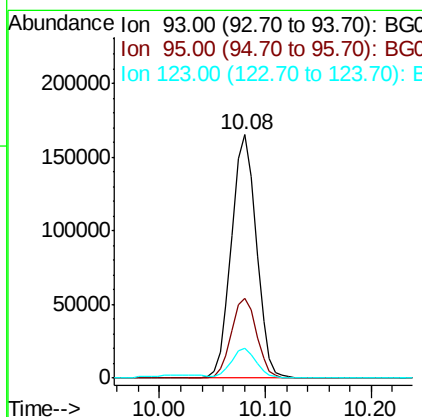
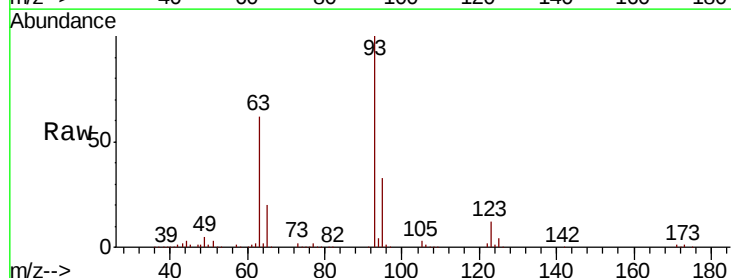
Manual Integrations
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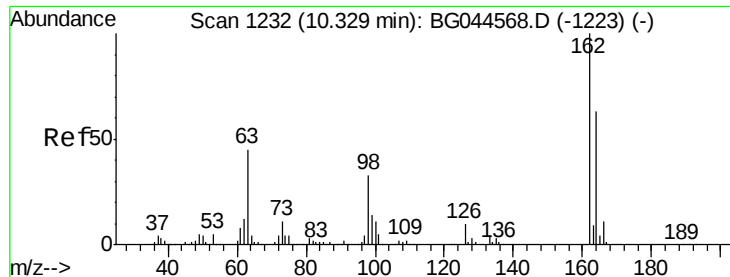
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 35.804 ng
RT: 10.08 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BG044599.D
Acq: 26 Feb 2020 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	267491		
95	32.9	26.5	39.7	
123	12.1	9.7	14.5	





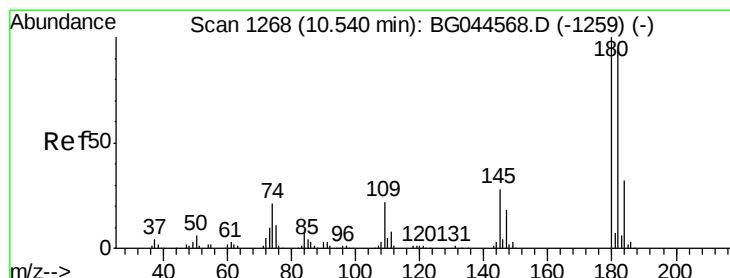
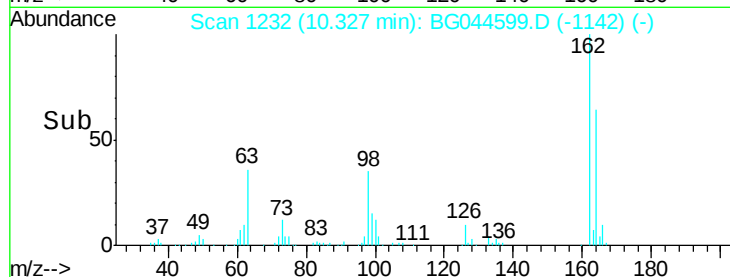
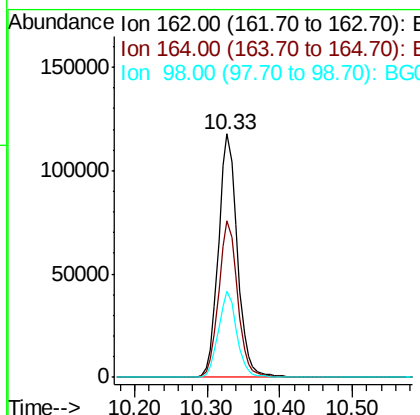
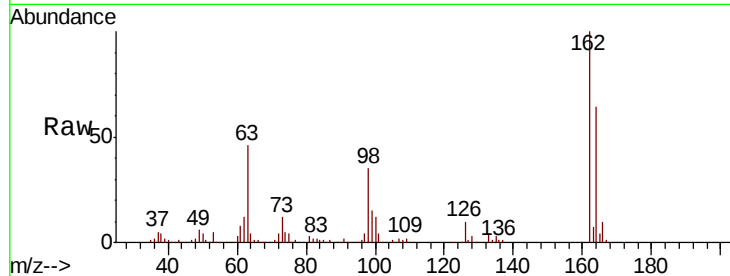
#29
2,4-Dichlorophenol
Concen: 40.227 ng
RT: 10.33 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BG044599.D
Acq: 26 Feb 2020 11:54

Instrument :
BNA_G
ClientSampleId :
PB127061BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	214266		
164	64.3	43.2	83.2	
98	35.2	13.2	53.2	

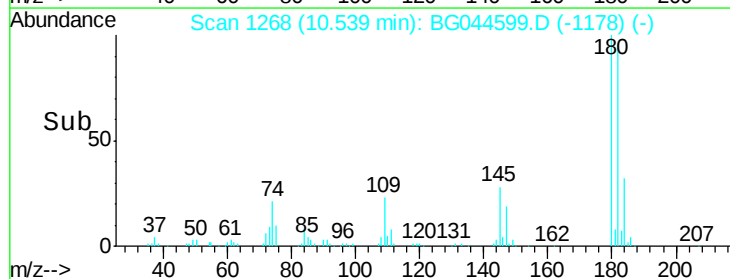
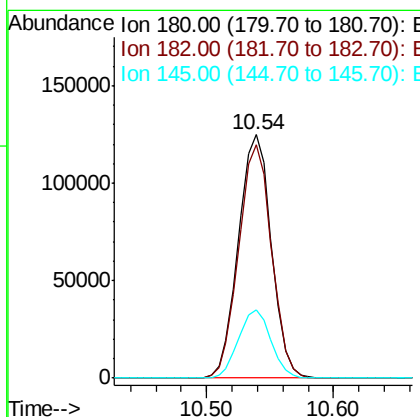
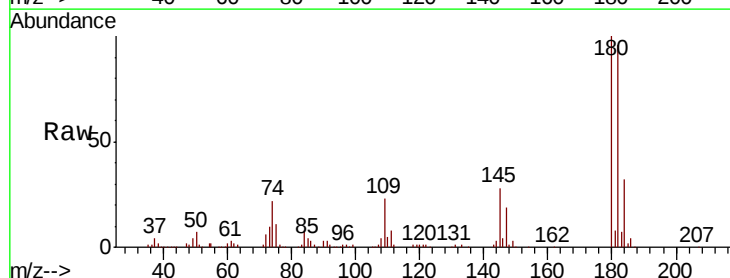
Manual Integrations
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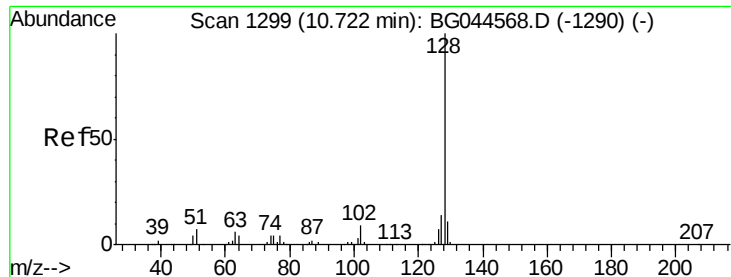
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#30
1,2,4-Trichlorobenzene
Concen: 36.430 ng
RT: 10.54 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BG044599.D
Acq: 26 Feb 2020 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	224410		
182	95.8	75.6	113.4	
145	27.9	22.2	33.2	





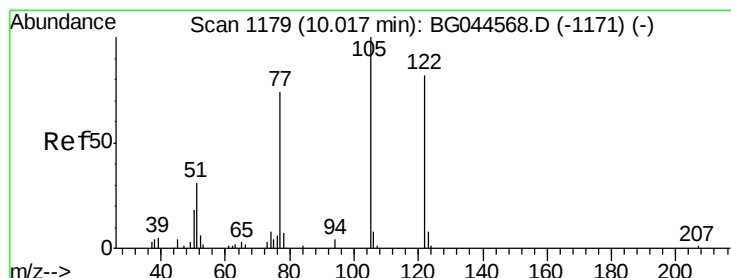
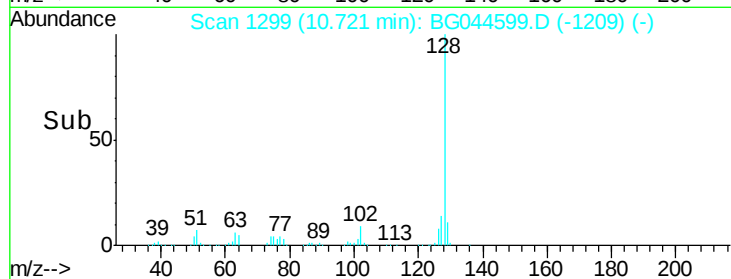
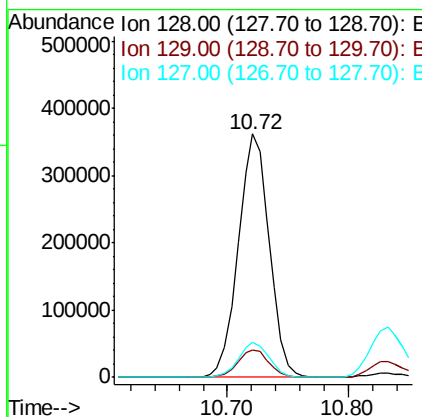
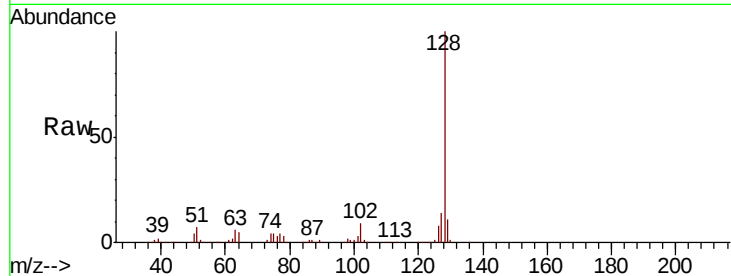
#31
Naphthalene
Concen: 37.952 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG044599.D
Acq: 26 Feb 2020 11:54

Instrument :
BNA_G
ClientSampleId :
PB127061BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	14.3	11.0	16.4

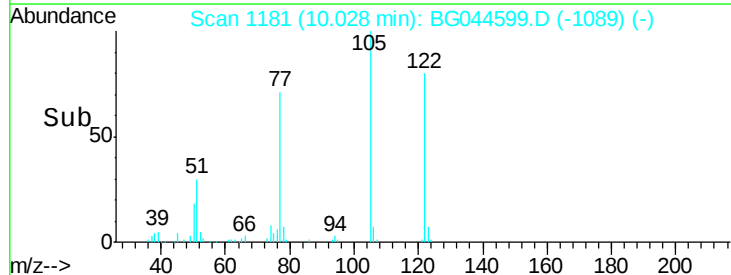
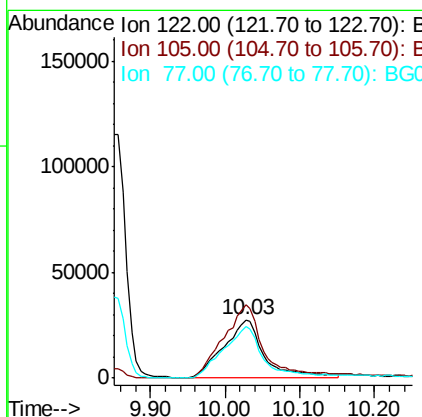
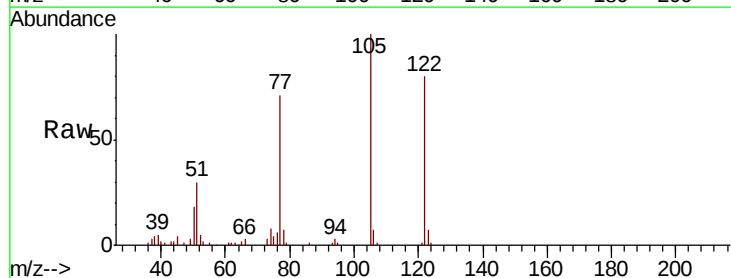
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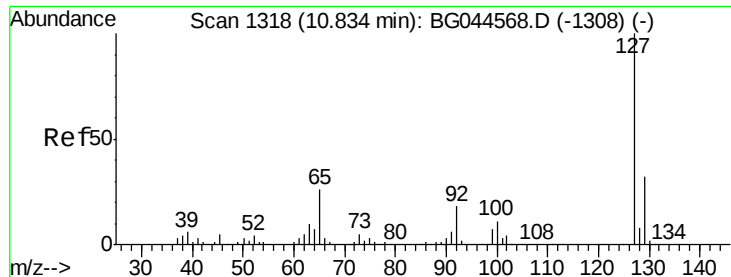
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#32
Benzoic acid
Concen: 55.284 ng
RT: 10.03 min Scan# 1181
Delta R.T. 0.01 min
Lab File: BG044599.D
Acq: 26 Feb 2020 11:54

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.6	101.4	141.4
77	89.2	69.8	109.8





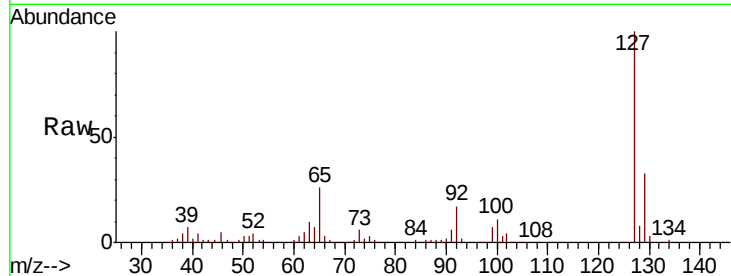
#33
4-Chloroaniline
Concen: 20.703 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG044599.D
Acq: 26 Feb 2020 11:54

Instrument :
BNA_G
ClientSampleId :
PB127061BS

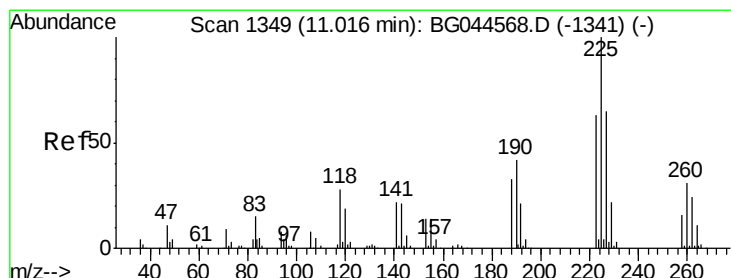
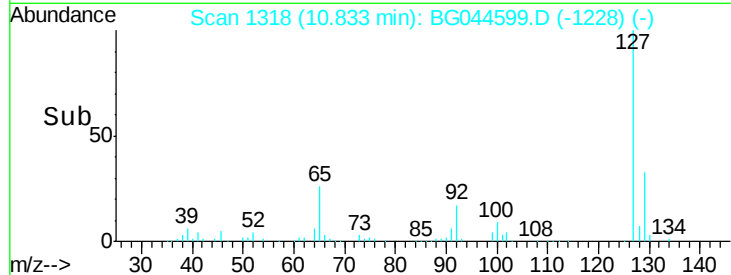
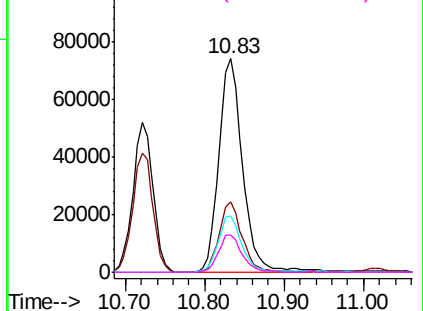
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	25.9	38.9		
65	26.4	20.7	31.1		
92	17.2	14.2	21.2		

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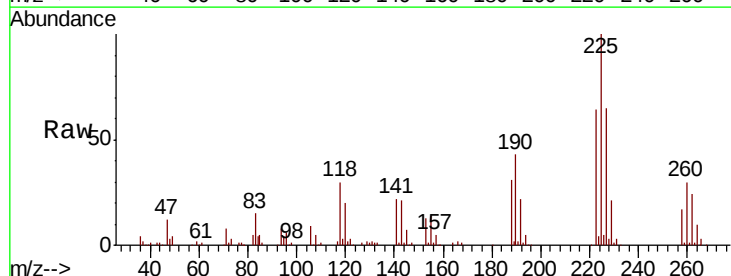


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

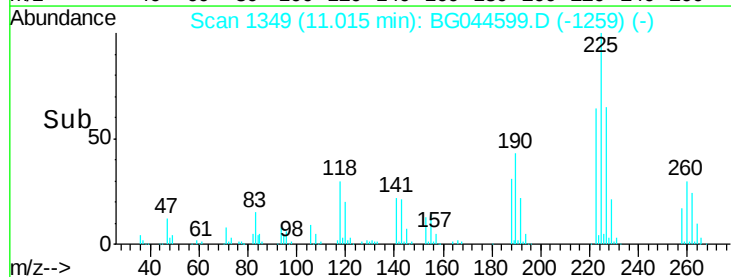
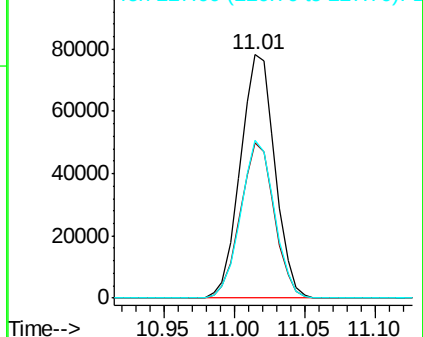


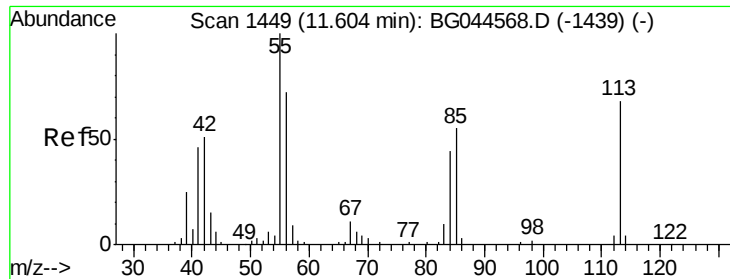
#34
Hexachlorobutadiene
Concen: 34.609 ng
RT: 11.01 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BG044599.D
Acq: 26 Feb 2020 11:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.5	50.6	76.0		
227	65.0	52.1	78.1		



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





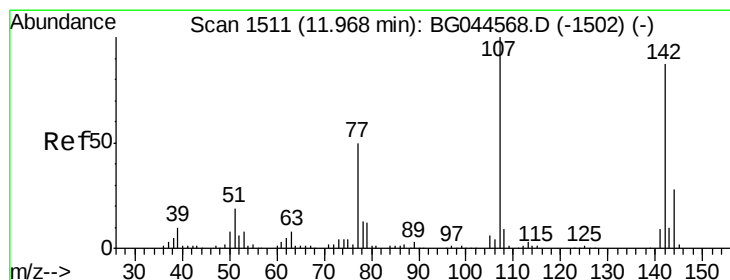
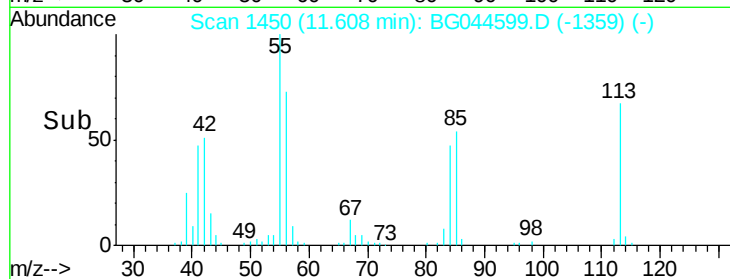
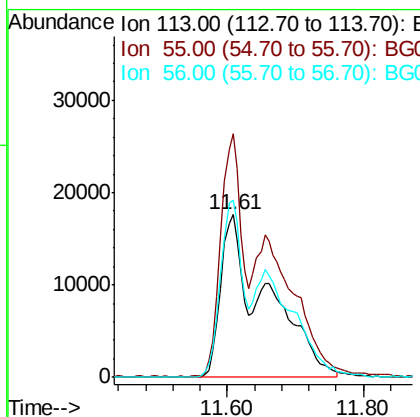
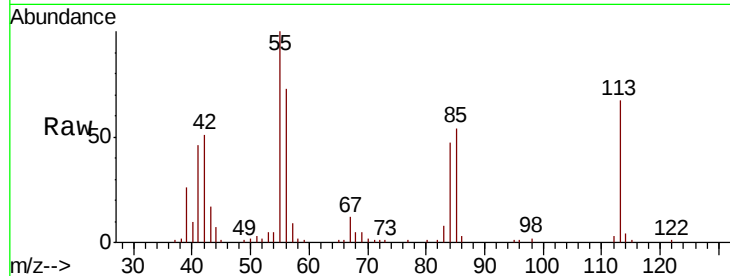
#35
Caprolactam
Concen: 42.426 ng/ml
RT: 11.61 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BG044599.D
Acq: 26 Feb 2020 11:54

Instrument :
BNA_G
ClientSampleId :
PB127061BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	149.5	127.8	167.8
56	108.8	86.9	126.9

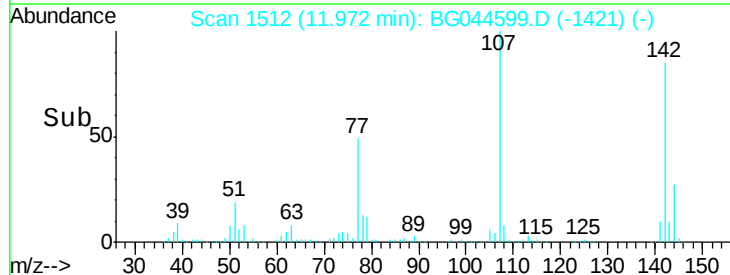
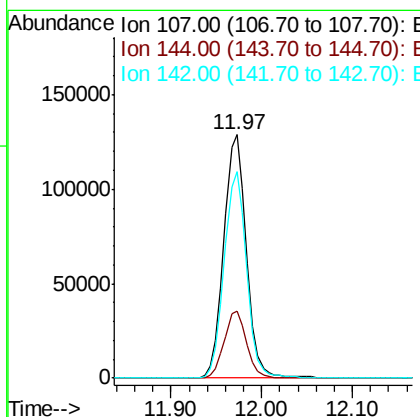
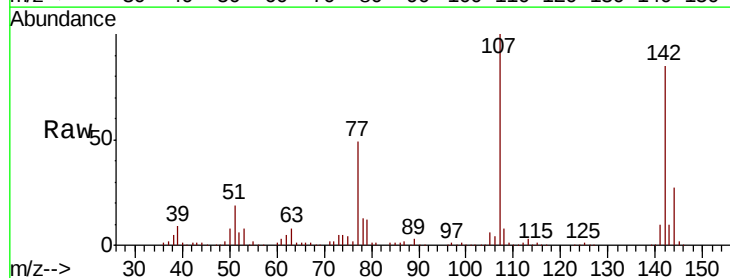
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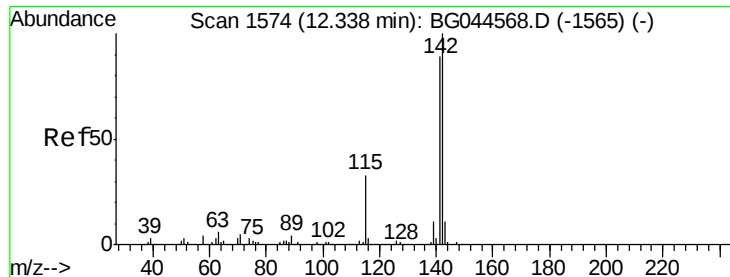
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#36
4-Chloro-3-methylphenol
Concen: 40.560 ng/ml
RT: 11.97 min Scan# 1512
Delta R.T. 0.00 min
Lab File: BG044599.D
Acq: 26 Feb 2020 11:54

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.4	22.3	33.5
142	84.9	69.3	103.9





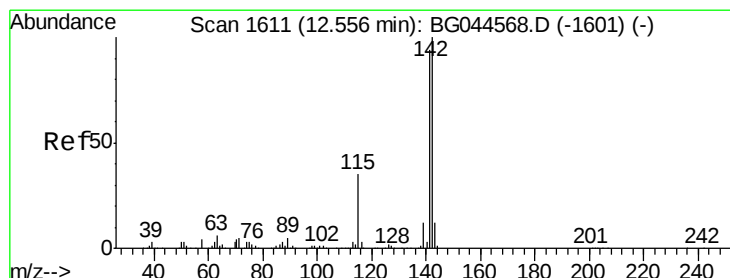
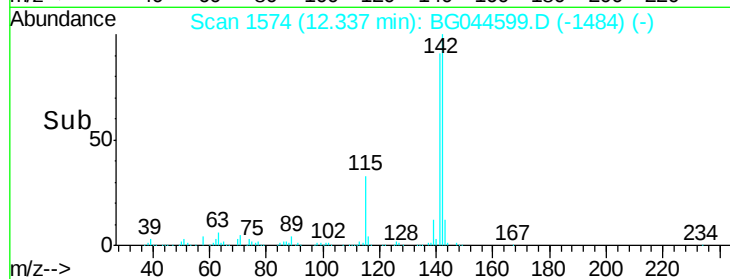
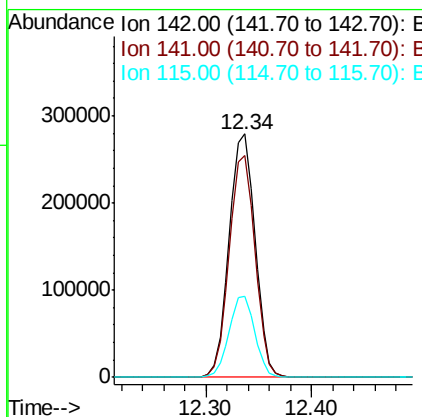
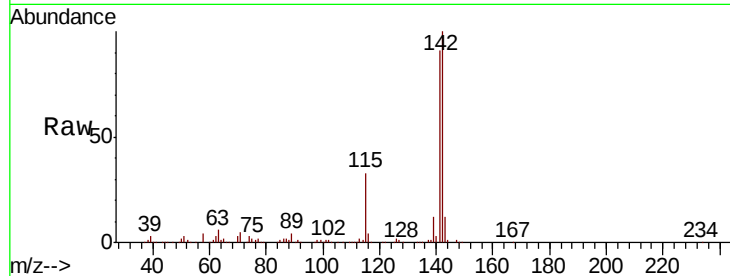
#37
2-Methylnaphthalene
Concen: 37.832 ng
RT: 12.34 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BG044599.D
Acq: 26 Feb 2020 11:54

Instrument :
BNA_G
ClientSampleId :
PB127061BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.0	71.3	106.9
115	33.3	26.2	39.2

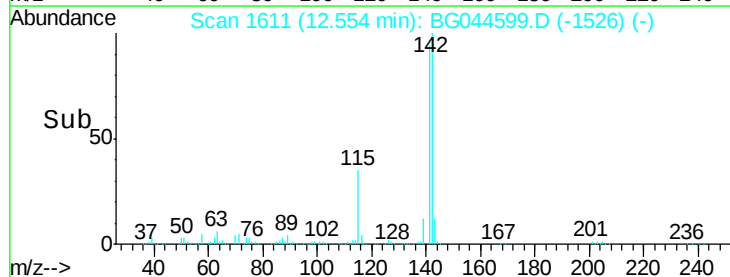
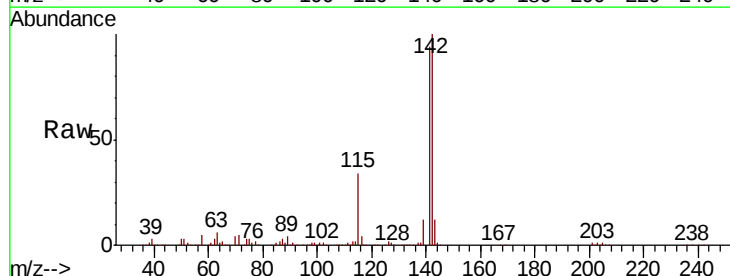
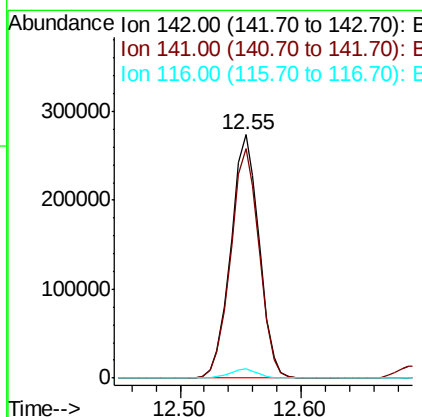
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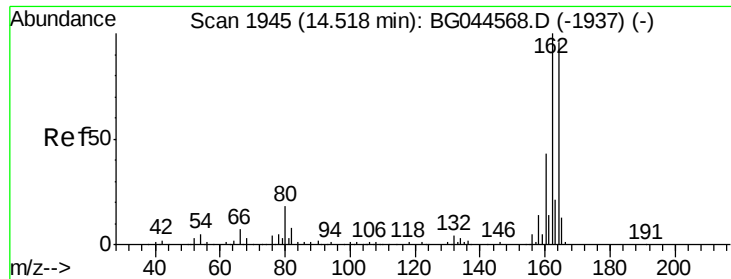
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#38
1-Methylnaphthalene
Concen: 37.454 ng
RT: 12.55 min Scan# 1611
Delta R.T. -0.00 min
Lab File: BG044599.D
Acq: 26 Feb 2020 11:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.3	75.1	112.7
116	3.7	2.6	4.0





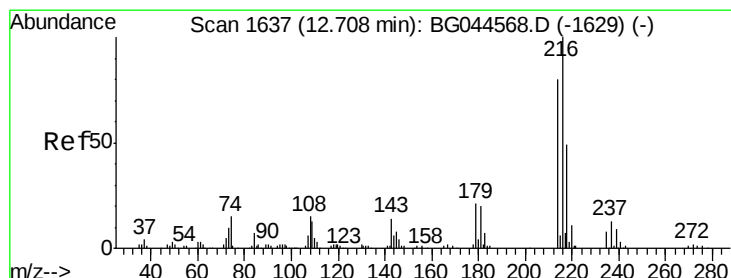
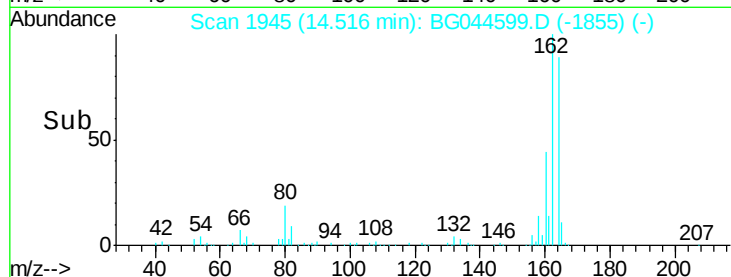
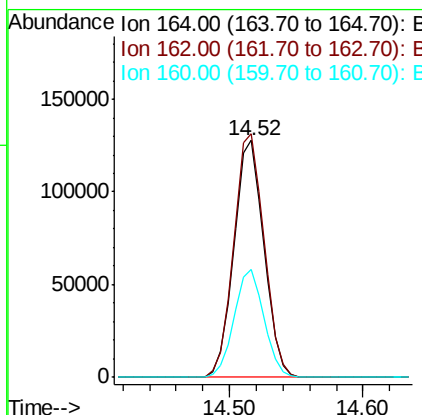
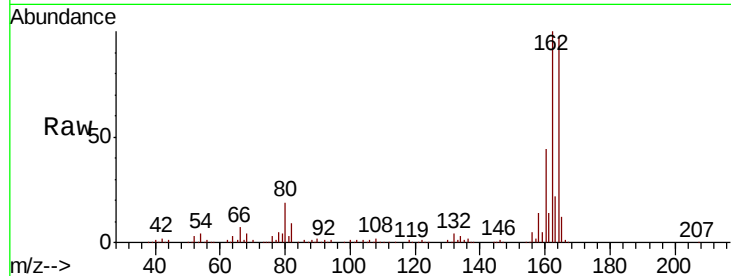
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.52 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG044599.D
Acq: 26 Feb 2020 11:54

Instrument :
BNA_G
ClientSampleId :
PB127061BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	198901		
162	102.8	83.6	125.4	
160	45.5	36.2	54.4	

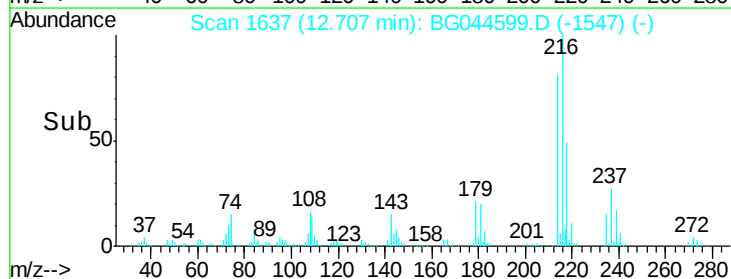
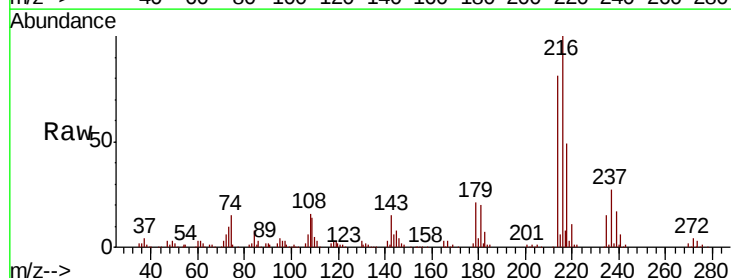
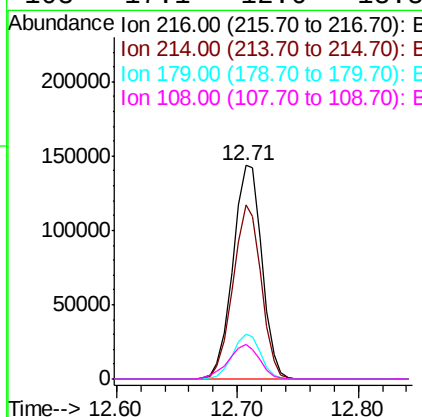
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.894 ng
RT: 12.71 min Scan# 1637
Delta R.T. -0.00 min
Lab File: BG044599.D
Acq: 26 Feb 2020 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	240348		
214	79.3	63.3	94.9	
179	20.5	16.2	24.2	
108	17.1	12.6	18.8	





#41

Hexachlorocyclopentadiene

Concen: 61.177 ng

RT: 12.70 min Scan# 1635

Delta R.T. 0.01 min

Lab File: BG044599.D

Acq: 26 Feb 2020 11:54

Instrument :

BNA_G

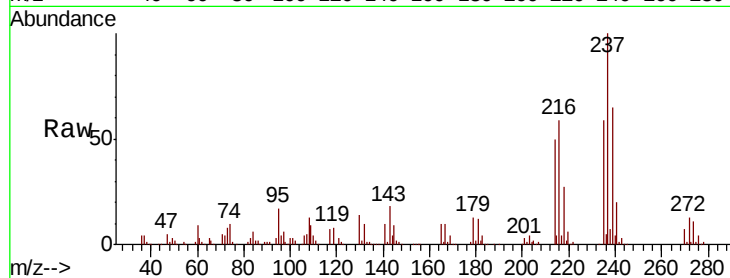
ClientSampleId :

PB127061BS

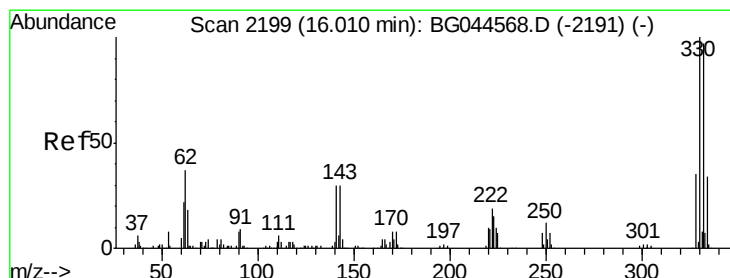
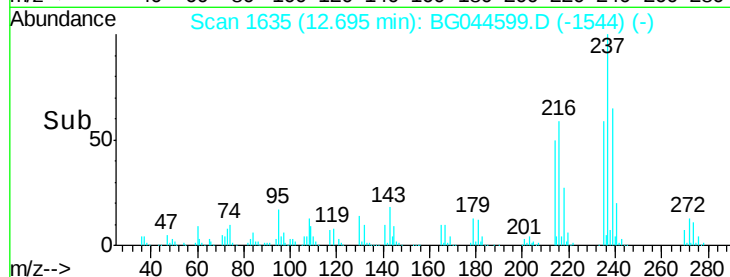
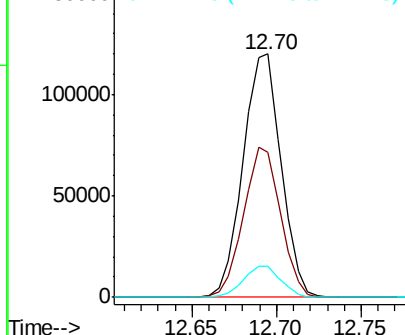
Tot Ion:	237	Resp:	188016
Ion Ratio	Lower	Upper	
237	100		
235	59.4	40.7	80.7
272	13.0	0.0	32.7

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



#42

2,4,6-Tribromophenol

Concen: 107.686 ng

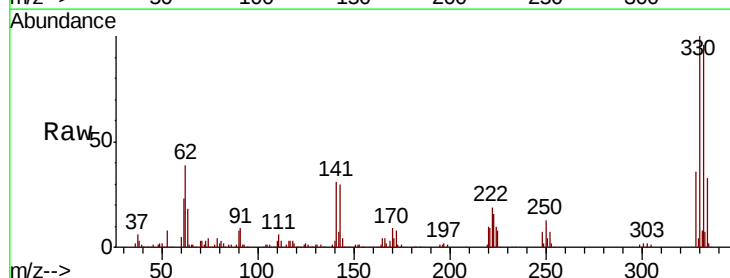
RT: 16.01 min Scan# 2199

Delta R.T. -0.00 min

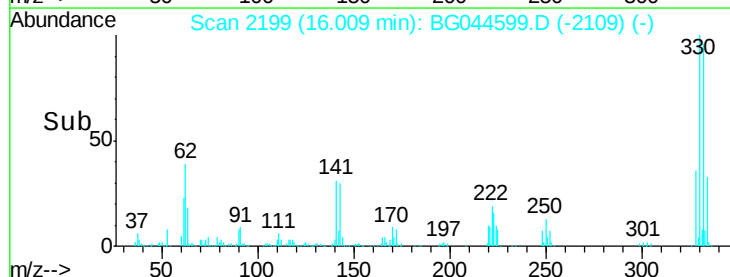
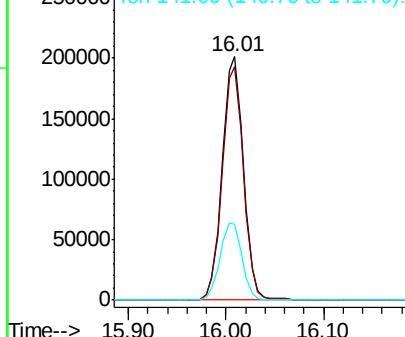
Lab File: BG044599.D

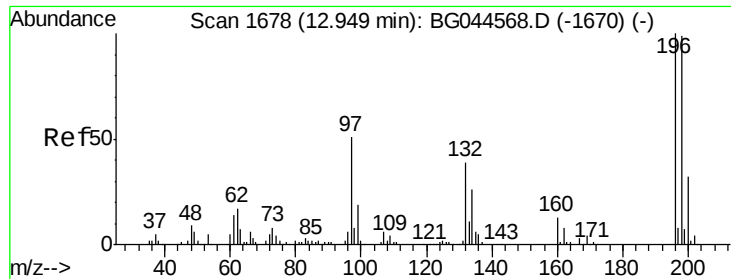
Acq: 26 Feb 2020 11:54

Tgt Ion:	330	Resp:	303701
Ion Ratio	Lower	Upper	
330	100		
332	96.0	77.4	116.0
141	32.9	26.1	39.1



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





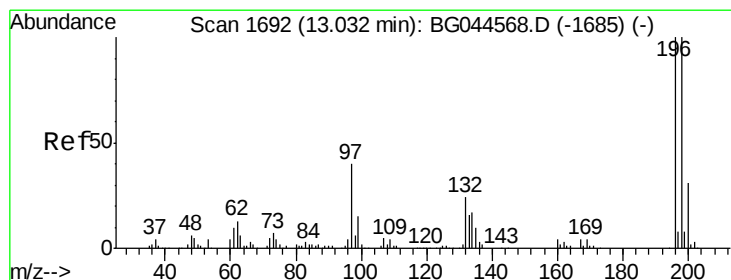
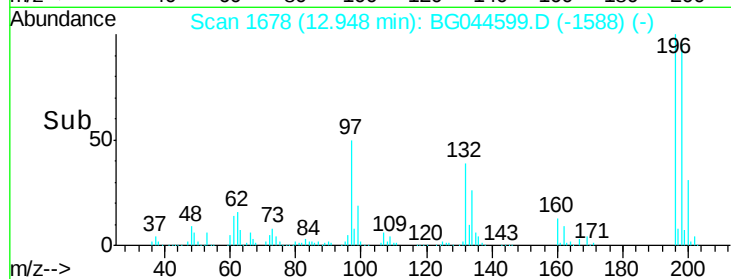
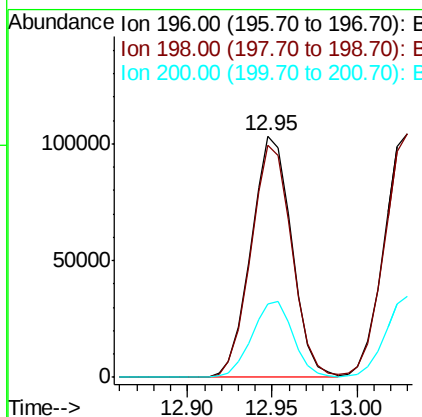
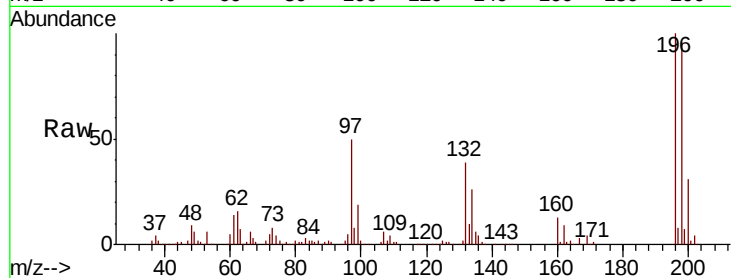
#43
 2,4,6-Trichlorophenol
 Concen: 39.657 ng
 RT: 12.95 min Scan# 1678
 Delta R.T. -0.00 min
 Lab File: BG044599.D
 Acq: 26 Feb 2020 11:54

Instrument :
 BNA_G
 ClientSampled :
 PB127061BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	172421		
198	96.2	79.2	118.8	
200	30.6	25.7	38.5	

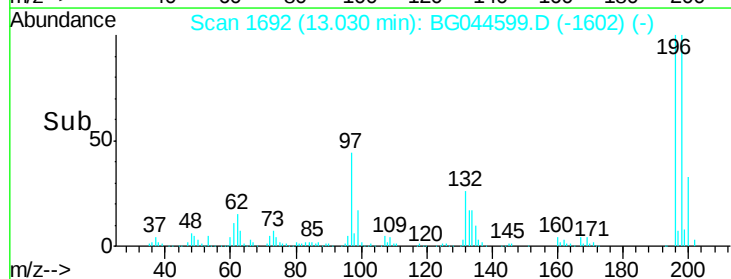
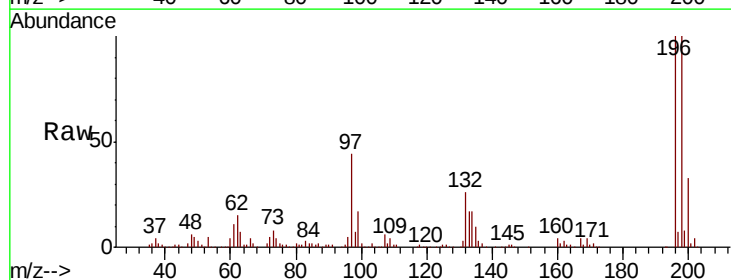
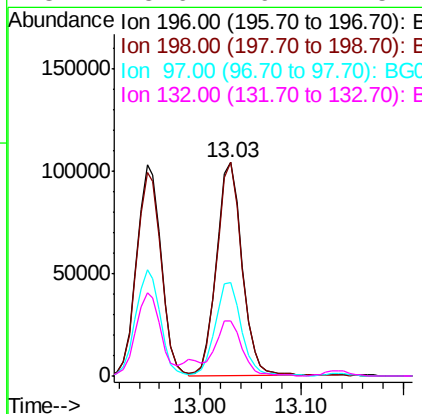
Manual Integrations
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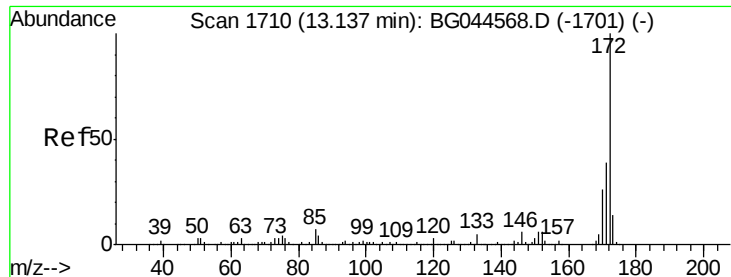
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 41.142 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: BG044599.D
 Acq: 26 Feb 2020 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	183750		
198	100.2	79.3	118.9	
97	44.0	32.3	48.5	
132	25.6	19.1	28.7	





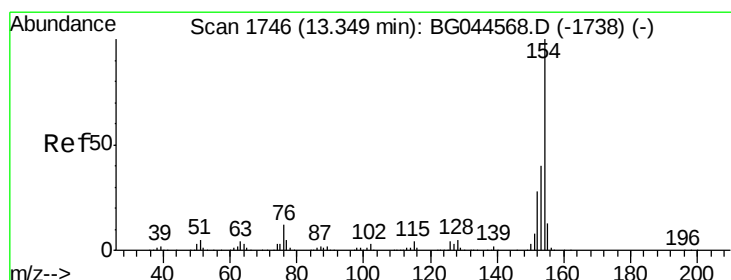
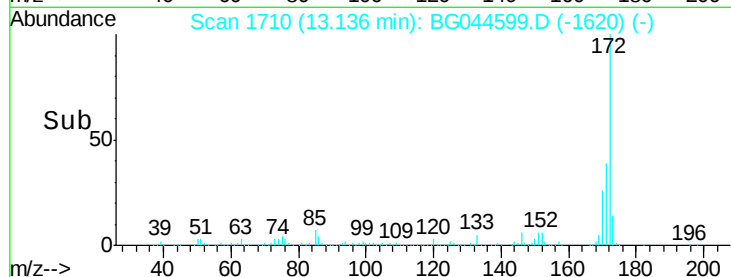
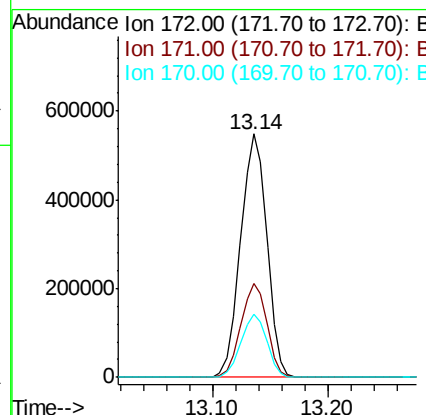
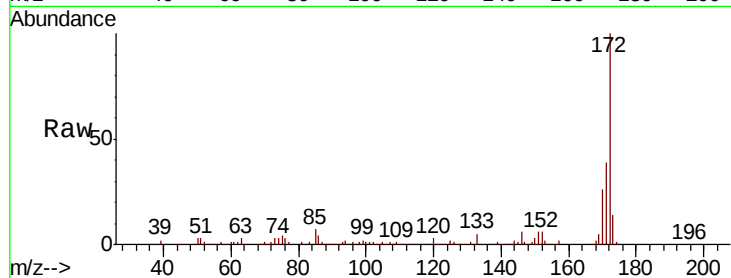
#45
2-Fluorobiphenyl
Concen: 62.076 ng
RT: 13.14 min Scan# 1710
Delta R.T. -0.00 min
Lab File: BG044599.D
Acq: 26 Feb 2020 11:54

Instrument :
BNA_G
ClientSampleId :
PB127061BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.3	46.9
170	26.1	21.0	31.4

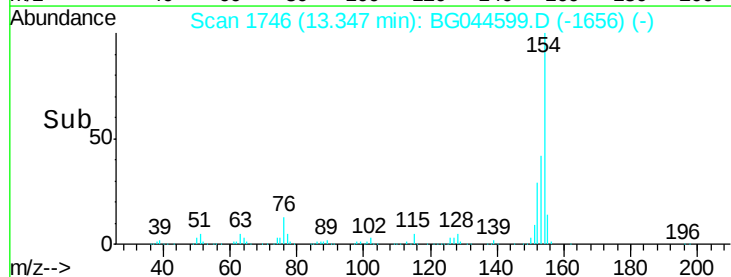
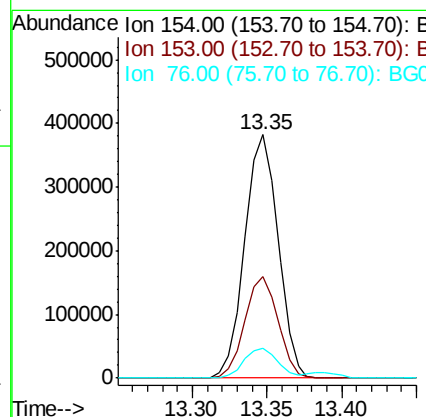
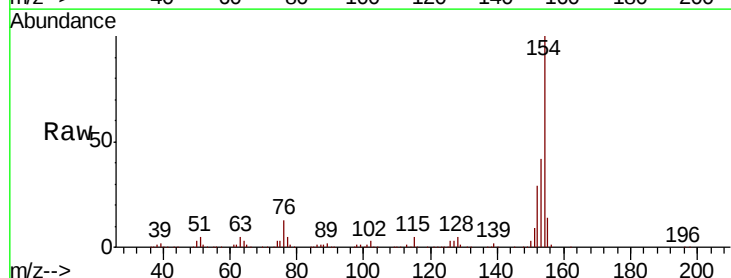
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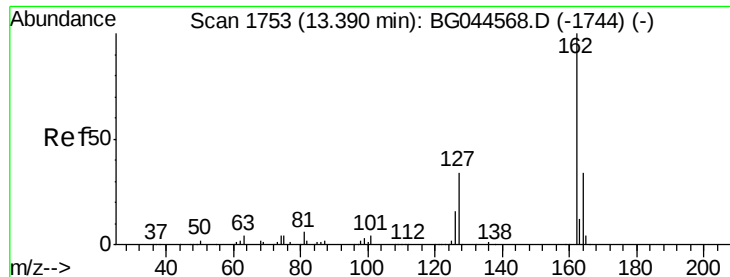
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#46
1,1'-Biphenyl
Concen: 36.052 ng
RT: 13.35 min Scan# 1746
Delta R.T. -0.00 min
Lab File: BG044599.D
Acq: 26 Feb 2020 11:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	20.2	60.2
76	12.5	0.0	31.8





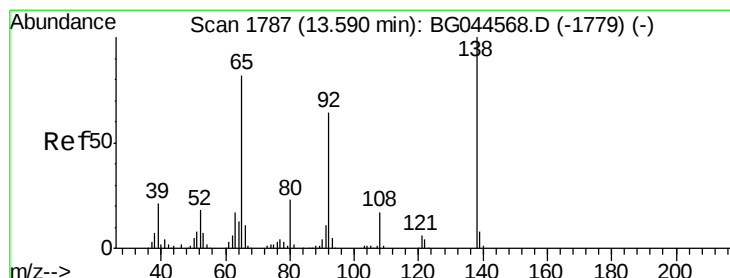
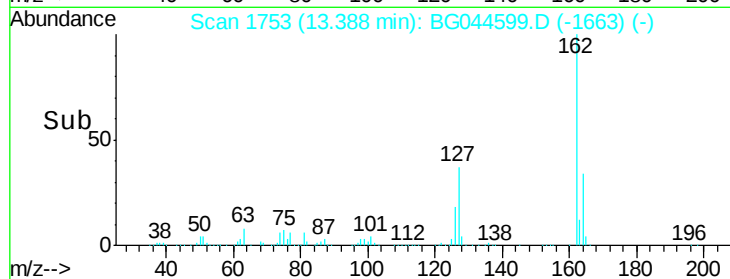
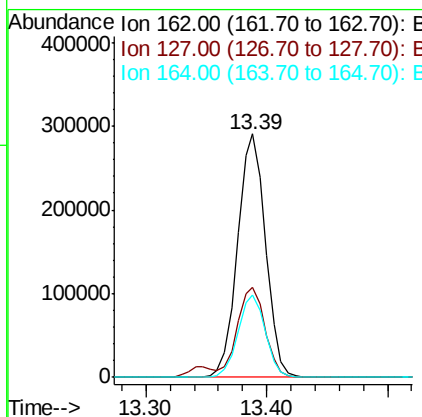
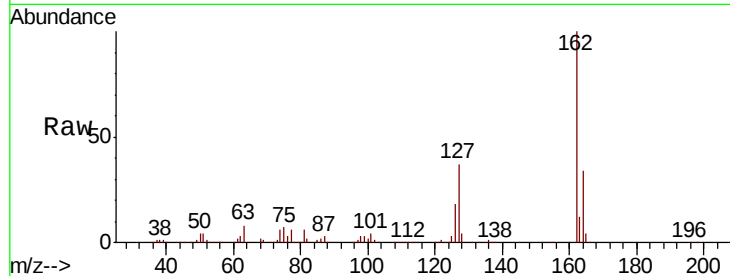
#47
2-Chloronaphthalene
Concen: 36.240 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.00 min
Lab File: BG044599.D
Acq: 26 Feb 2020 11:54

Instrument :
BNA_G
ClientSampleId :
PB127061BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.8	28.7	43.1
164	33.6	27.3	40.9

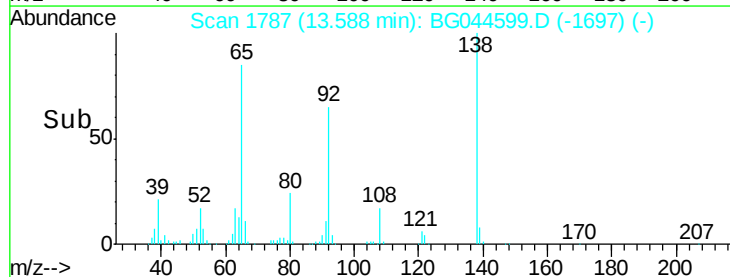
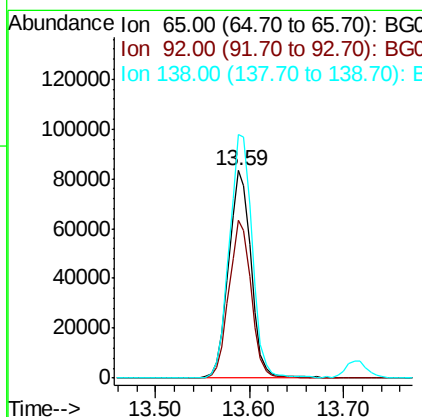
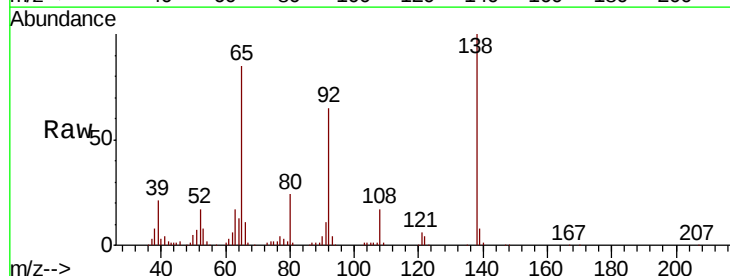
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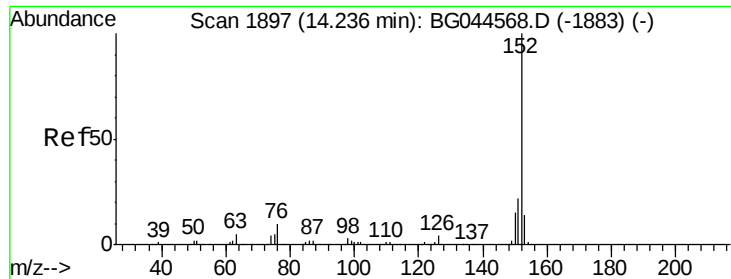
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#48
2-Nitroaniline
Concen: 38.746 ng
RT: 13.59 min Scan# 1787
Delta R.T. -0.00 min
Lab File: BG044599.D
Acq: 26 Feb 2020 11:54

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.9	62.2	93.2
138	117.2	97.6	146.4





#49

Acenaphthylene

Concen: 38.609 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG044599.D

Acq: 26 Feb 2020 11:54

Instrument :

BNA_G

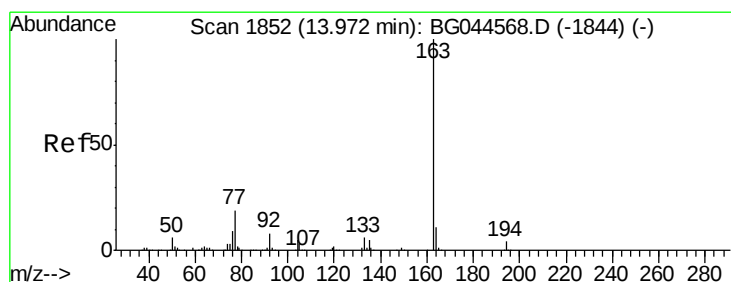
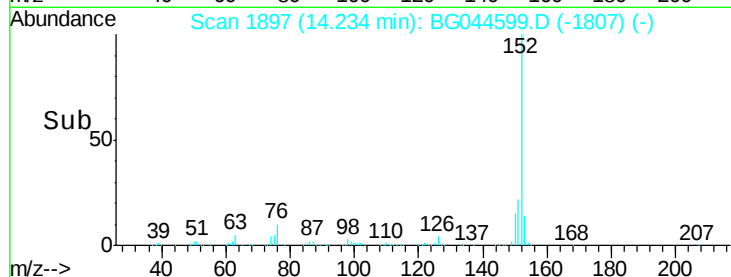
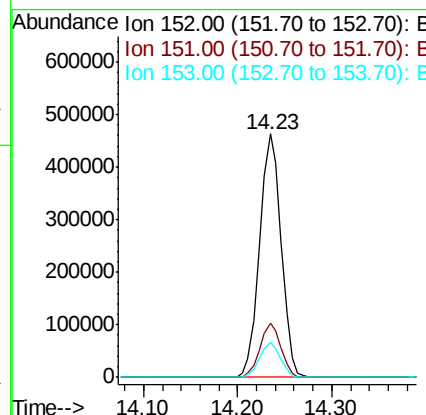
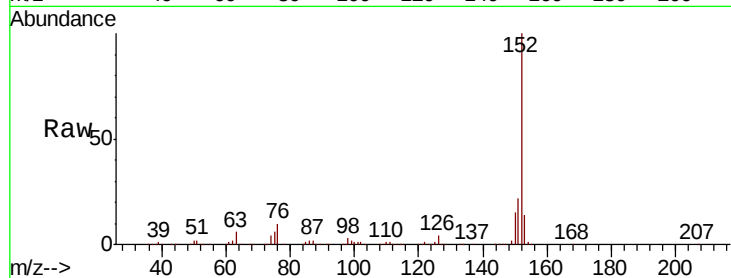
ClientSampleId :

PB127061BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		735598		
151	22.3	17.7	26.5		
153	14.2	11.3	16.9		

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#50

Dimethylphthalate

Concen: 37.563 ng

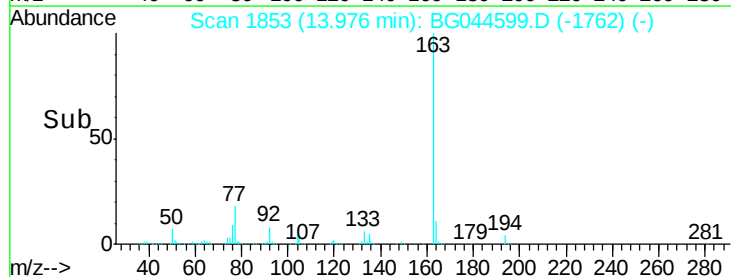
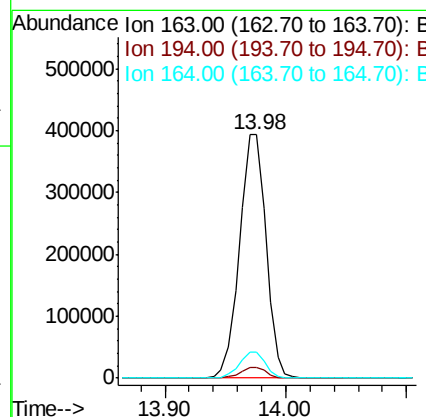
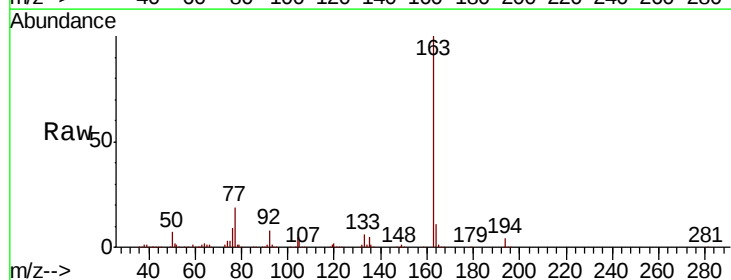
RT: 13.98 min Scan# 1853

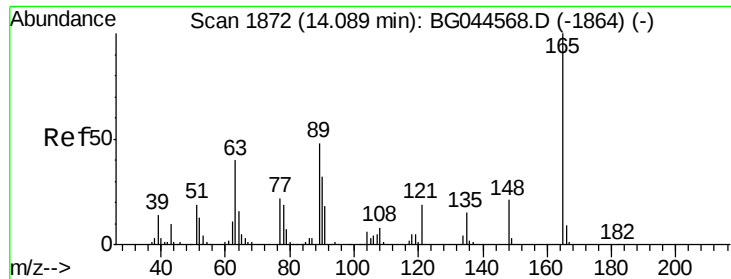
Delta R.T. 0.00 min

Lab File: BG044599.D

Acq: 26 Feb 2020 11:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		603034		
194	4.4	3.4	5.0		
164	10.8	8.7	13.1		





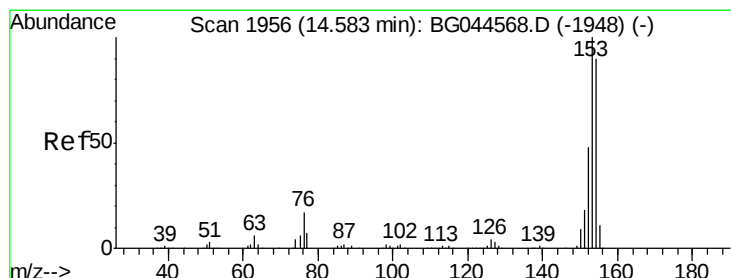
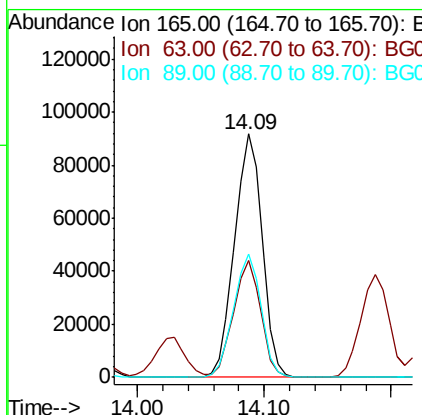
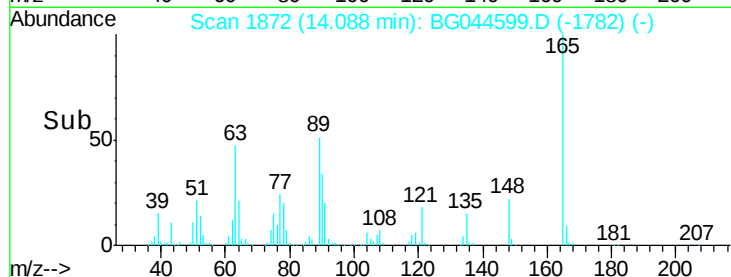
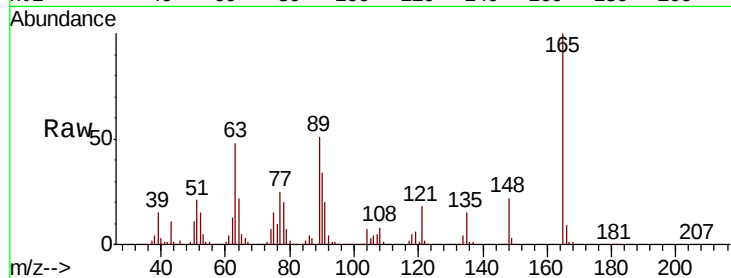
#51
 2,6-Dinitrotoluene
 Concen: 39.203 ng
 RT: 14.09 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: BG044599.D
 Acq: 26 Feb 2020 11:54

Instrument :
 BNA_G
 ClientSampleId :
 PB127061BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	138803		
63	48.0		35.8	53.6
89	50.8		38.7	58.1

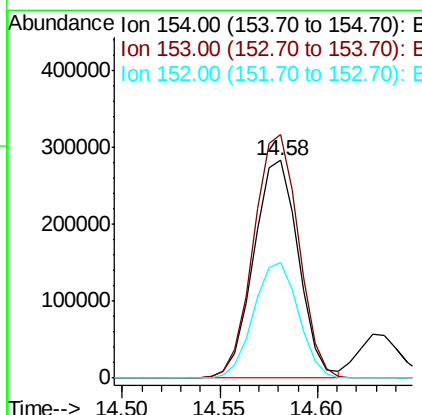
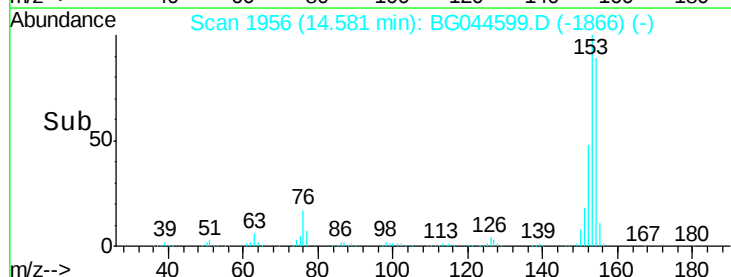
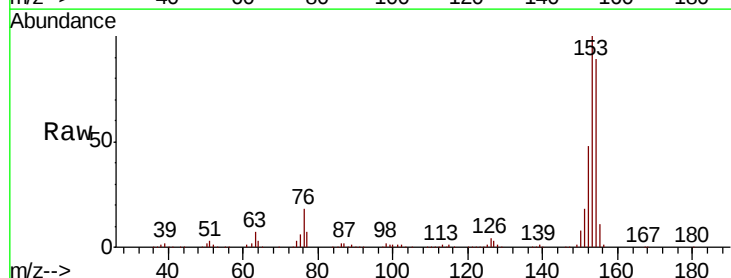
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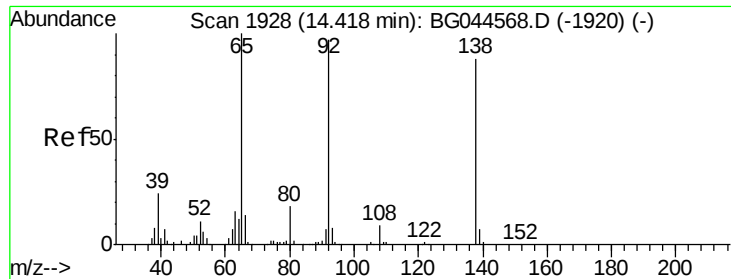
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#52
 Acenaphthene
 Concen: 37.148 ng
 RT: 14.58 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: BG044599.D
 Acq: 26 Feb 2020 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	451164		
153	111.9		89.4	134.0
152	53.4		43.0	64.4





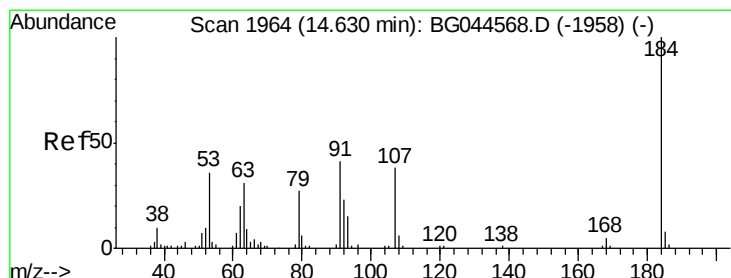
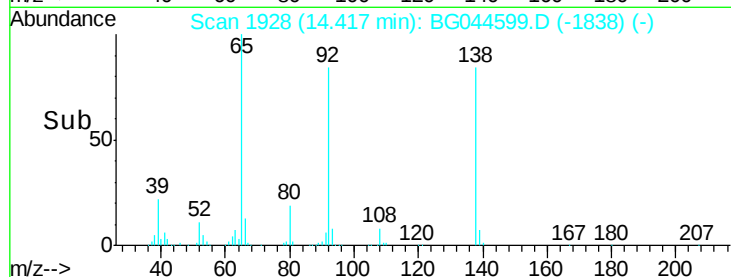
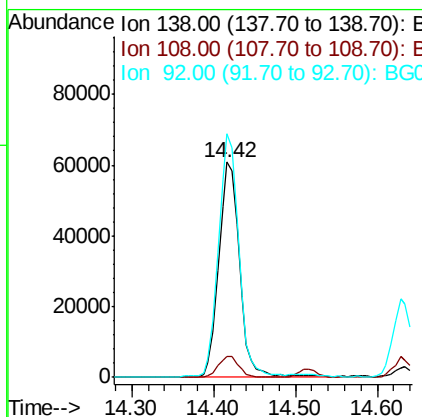
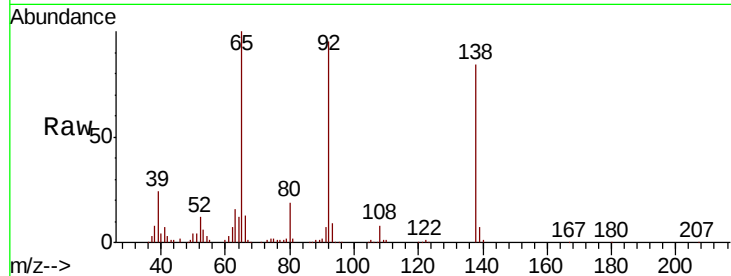
#53
3-Nitroaniline
Concen: 28.357 ng
RT: 14.42 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BG044599.D
Acq: 26 Feb 2020 11:54

Instrument :
BNA_G
ClientSampleId :
PB127061BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.6	7.9	11.9
92	113.2	87.4	131.2

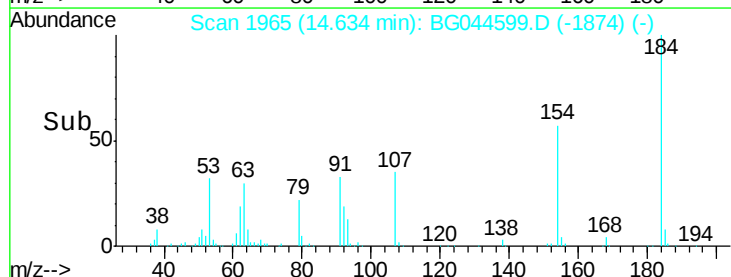
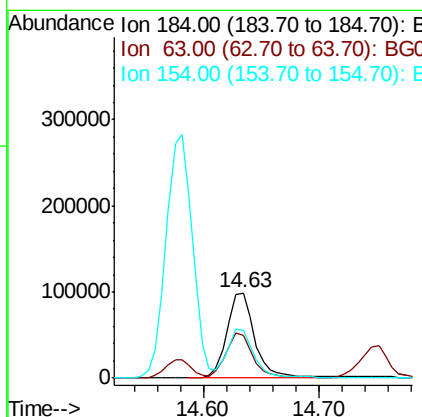
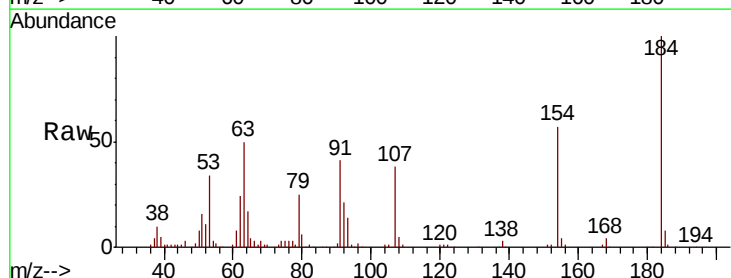
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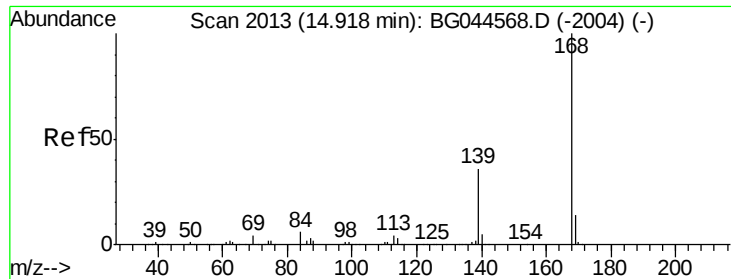
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#54
2,4-Dinitrophenol
Concen: 79.450 ng
RT: 14.63 min Scan# 1965
Delta R.T. 0.01 min
Lab File: BG044599.D
Acq: 26 Feb 2020 11:54

Tgt Ion	Ratio	Lower	Upper
184	100		
63	49.5	42.1	63.1
154	56.6	43.4	65.2





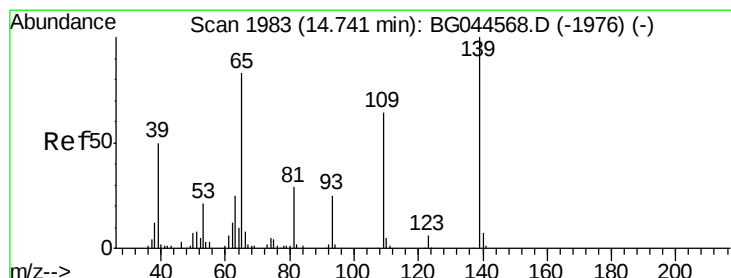
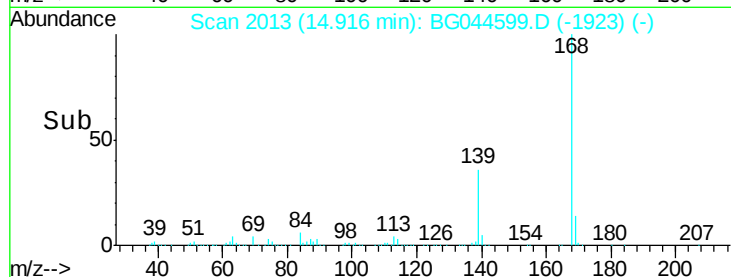
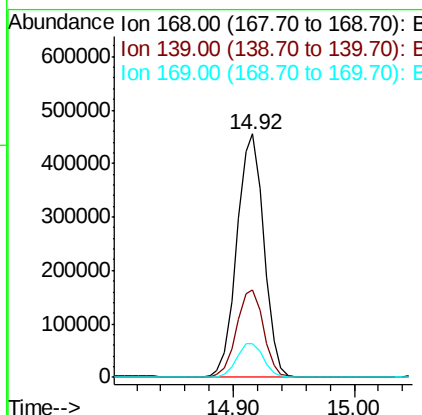
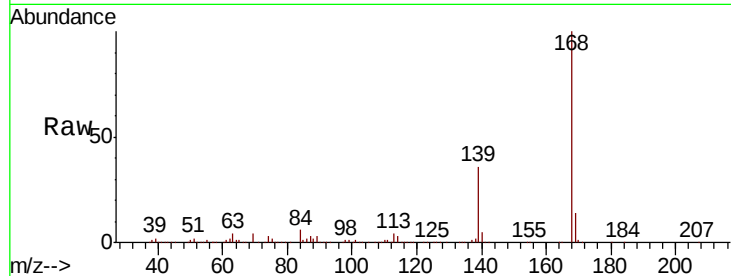
#55
Dibenzofuran
Concen: 38.060 ng
RT: 14.92 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG044599.D
Acq: 26 Feb 2020 11:54

Instrument :
BNA_G
ClientSampleId :
PB127061BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.1	29.2	43.8
169	14.1	11.0	16.6

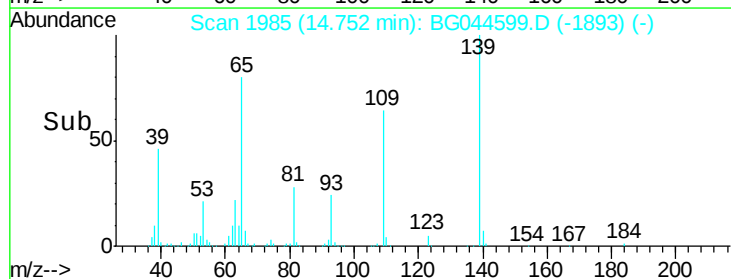
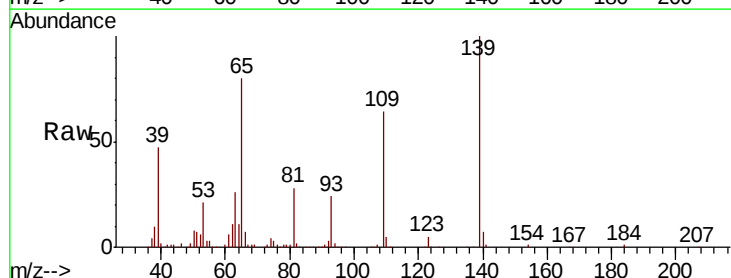
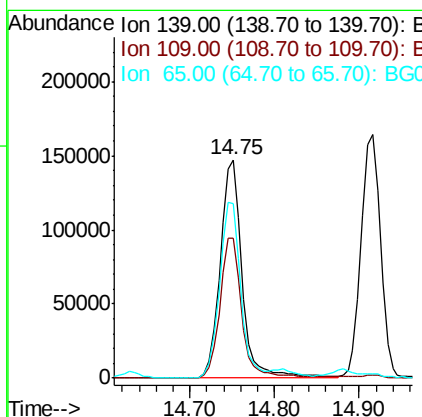
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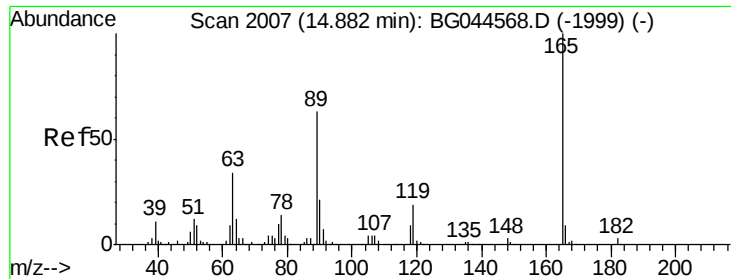
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#56
4-Nitrophenol
Concen: 100.889 ng
RT: 14.75 min Scan# 1985
Delta R.T. 0.01 min
Lab File: BG044599.D
Acq: 26 Feb 2020 11:54

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.1	43.8	83.8
65	80.0	63.6	103.6





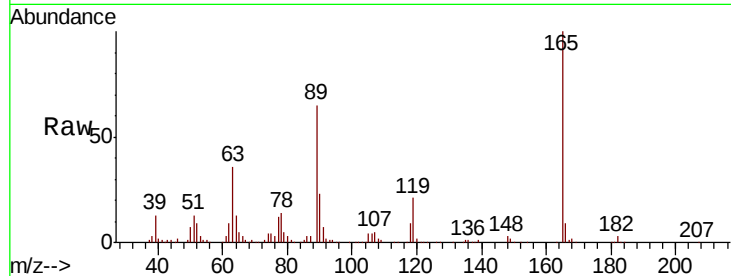
#57
 2,4-Dinitrotoluene
 Concen: 39.925 ng
 RT: 14.88 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: BG044599.D
 Acq: 26 Feb 2020 11:54

Instrument :
 BNA_G
 ClientSampleId :
 PB127061BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	198740		
63	36.2		27.5	41.3
89	64.5		50.0	75.0
182	2.8		2.3	3.5

Manual Integrations
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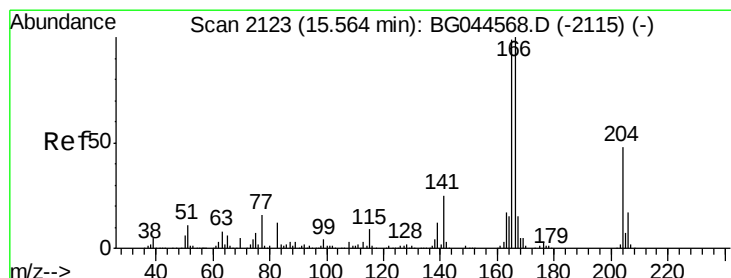
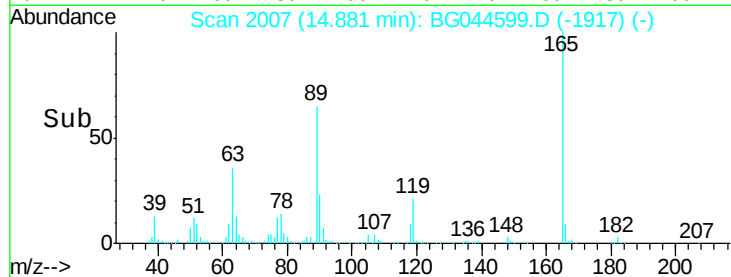
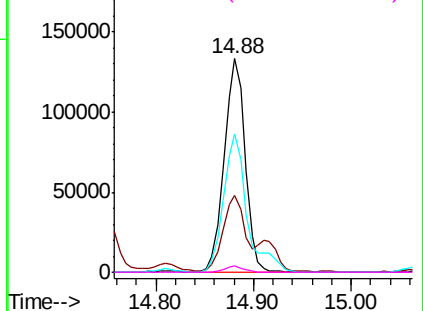
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

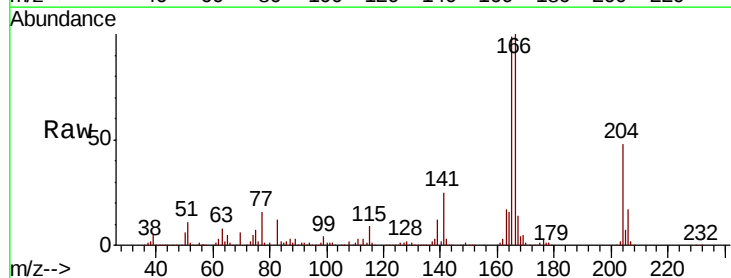
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 38.419 ng
 RT: 15.56 min Scan# 2123
 Delta R.T. -0.00 min
 Lab File: BG044599.D
 Acq: 26 Feb 2020 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	567179		
165	99.2		79.2	118.8
167	14.2		11.7	17.5

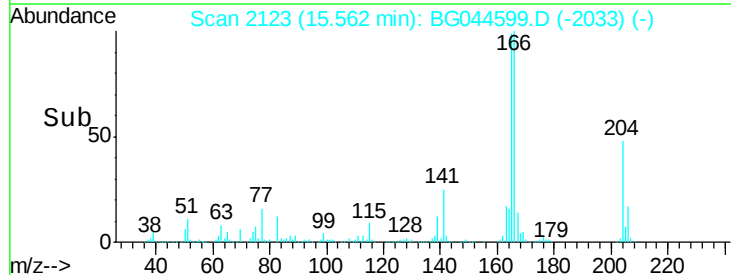
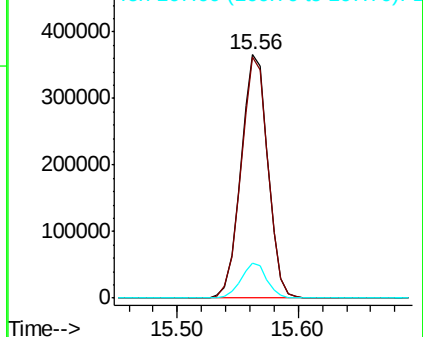


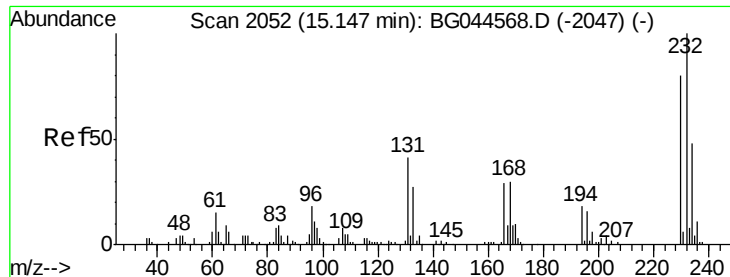
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





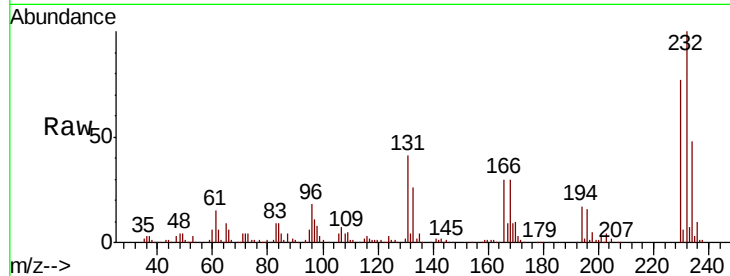
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.947 ng
RT: 15.15 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BG044599.D
Acq: 26 Feb 2020 11:54

Instrument :
BNA_G
ClientSampleId :
PB127061BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	168410		
131	40.7	31.8	47.6	
130	2.4	1.8	2.6	
166	29.3	22.7	34.1	

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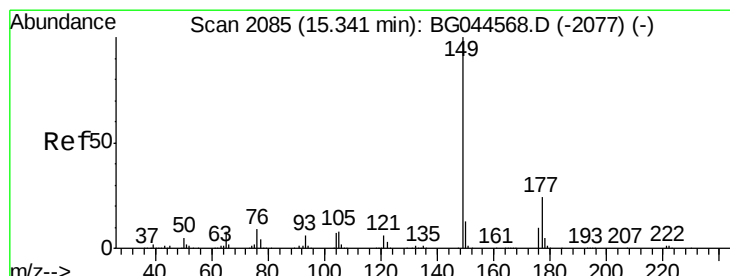
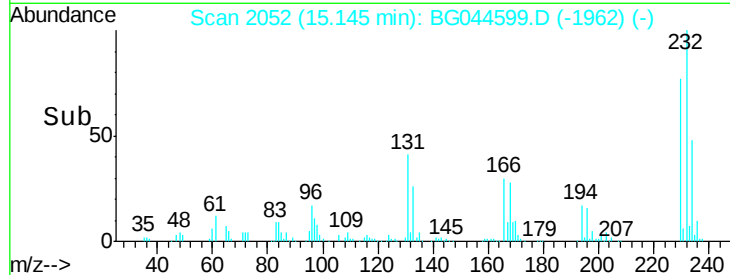
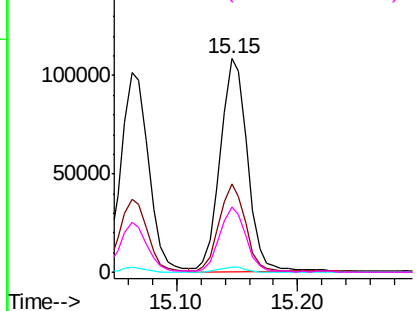
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

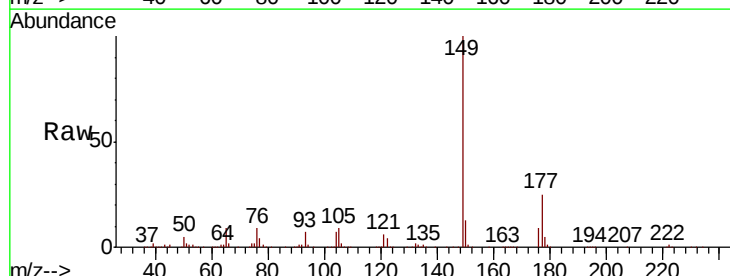
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 38.418 ng
RT: 15.34 min Scan# 2085
Delta R.T. -0.00 min
Lab File: BG044599.D
Acq: 26 Feb 2020 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	611098		
177	24.7	19.2	28.8	
150	13.2	10.2	15.4	

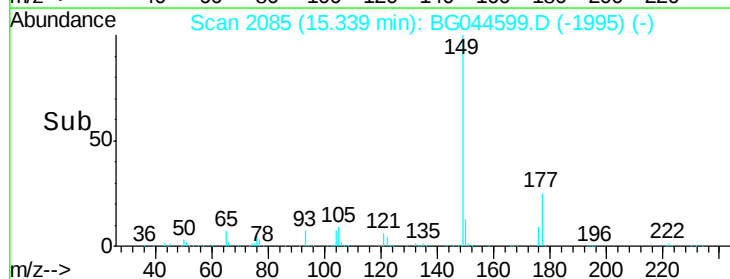
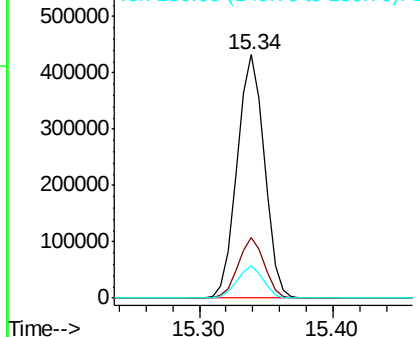


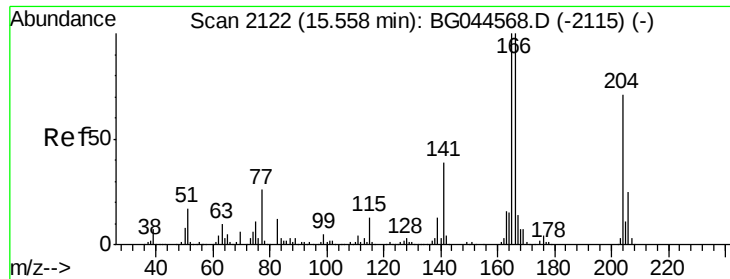
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





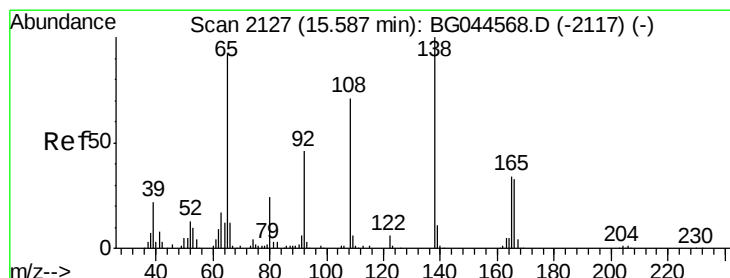
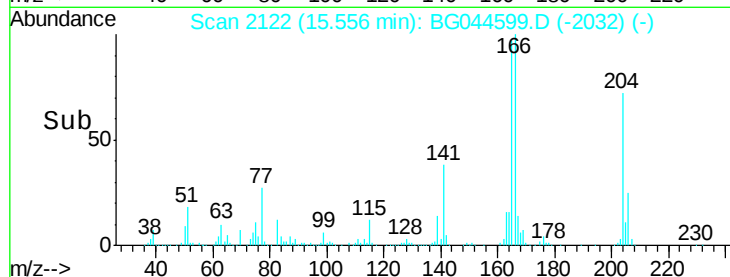
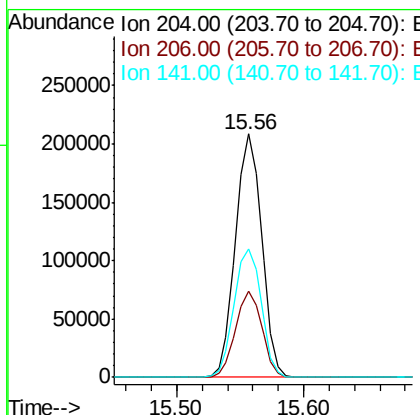
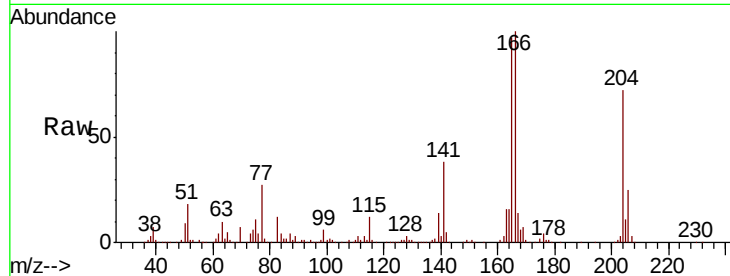
#61
4-Chlorophenyl-phenylether
Concen: 37.194 ng
RT: 15.56 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BG044599.D
Acq: 26 Feb 2020 11:54

Instrument :
BNA_G
ClientSampled :
PB127061BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.2	27.8	41.8
141	52.6	43.8	65.8

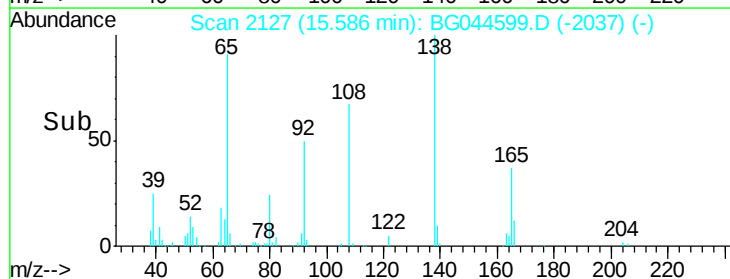
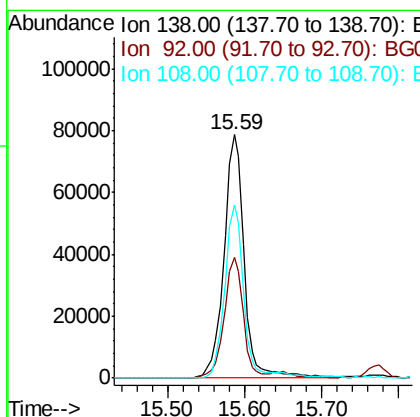
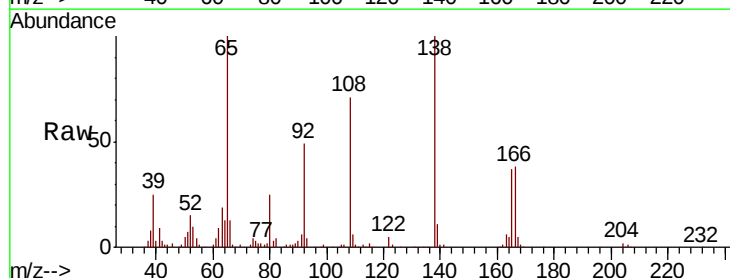
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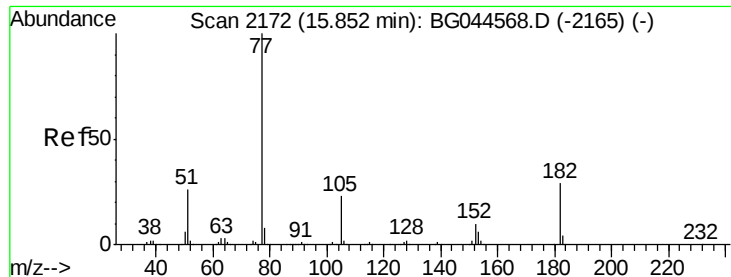
mohammad
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#62
4-Nitroaniline
Concen: 37.791 ng
RT: 15.59 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BG044599.D
Acq: 26 Feb 2020 11:54

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.7	26.4	66.4
108	70.9	50.5	90.5





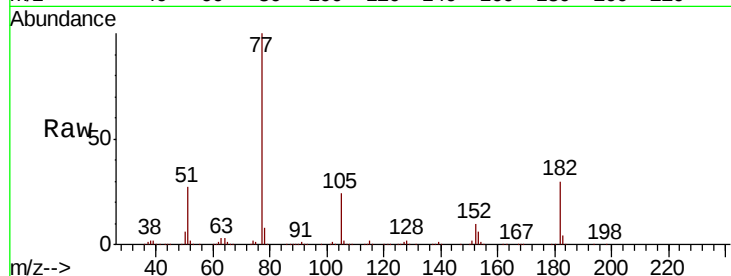
#63
Azobenzene
Concen: 38.901 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BG044599.D
Acq: 26 Feb 2020 11:54

Instrument :
BNA_G
ClientSampleId :
PB127061BS

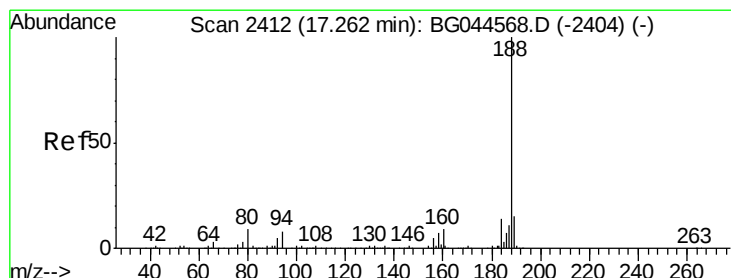
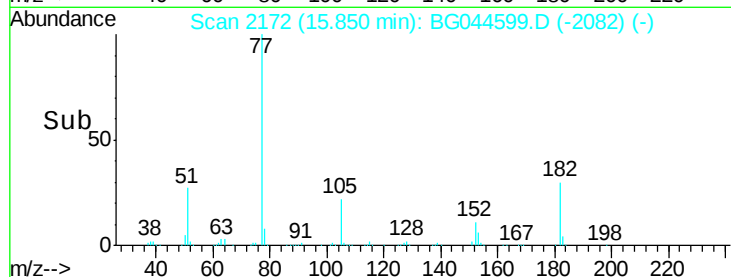
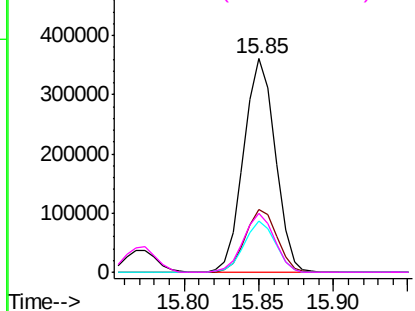
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		526620		
182	29.5	9.4	49.4		
105	24.0	3.4	43.4		
51	27.5	6.4	46.4		

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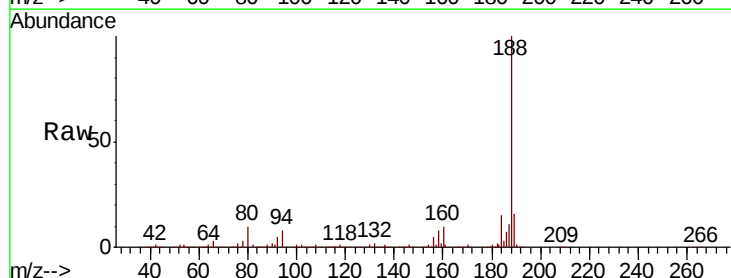


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

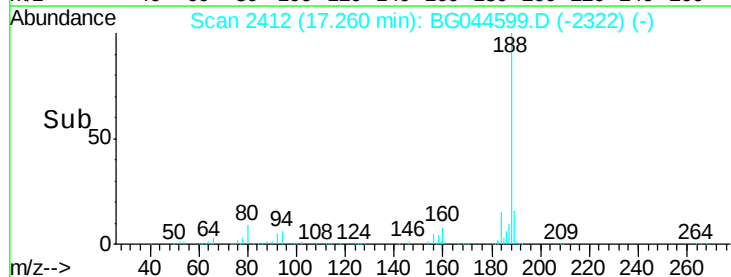
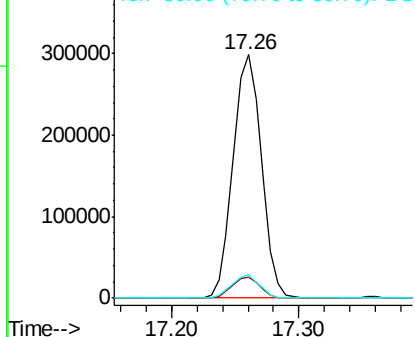


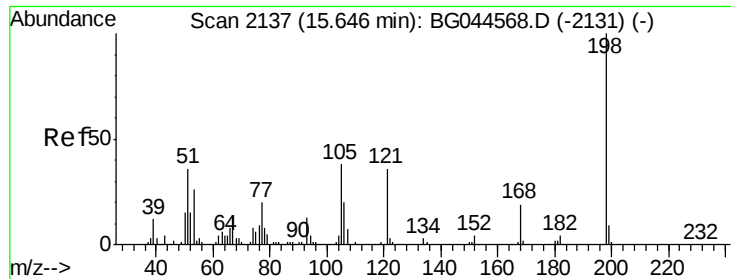
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.26 min Scan# 2412
Delta R.T. -0.00 min
Lab File: BG044599.D
Acq: 26 Feb 2020 11:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		462307		
94	8.5	6.7	10.1		
80	9.6	7.6	11.4		



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





#65

4,6-Dinitro-2-methylphenol

Concen: 44.018 ng

RT: 15.65 min Scan# 2138

Delta R.T. 0.00 min

Lab File: BG044599.D

Acq: 26 Feb 2020 11:54

Instrument :

BNA_G

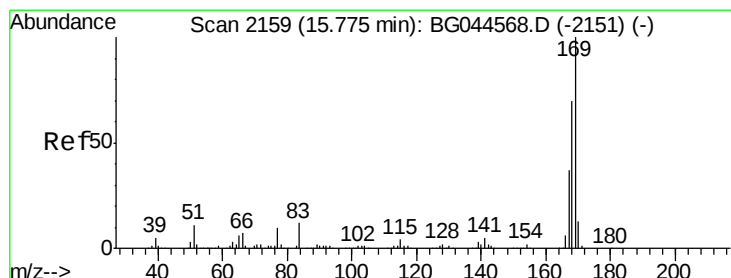
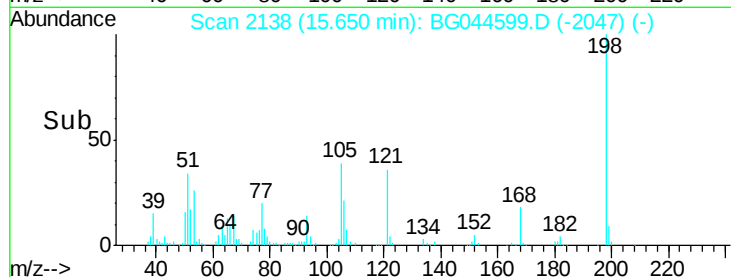
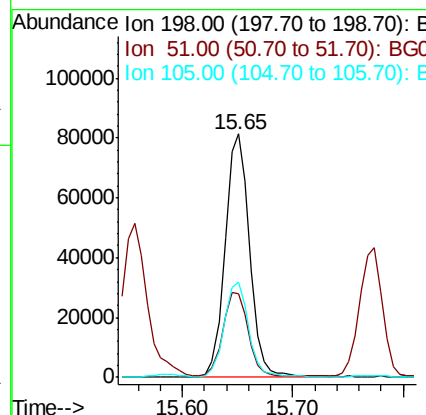
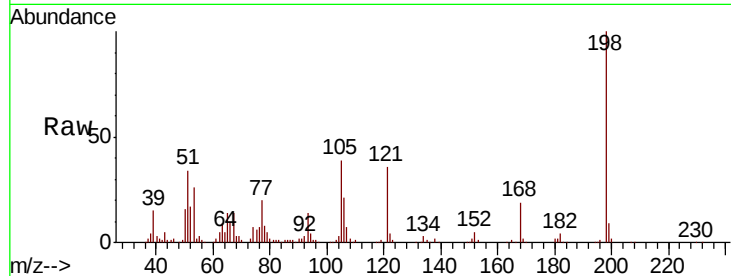
ClientSampleId :

PB127061BS

Tot Ion:	198	Resp:	126004
Ion Ratio	Lower	Upper	
198	100		
51	34.3	17.0	57.0
105	39.2	18.4	58.4

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#66

n-Nitrosodiphenylamine

Concen: 37.203 ng

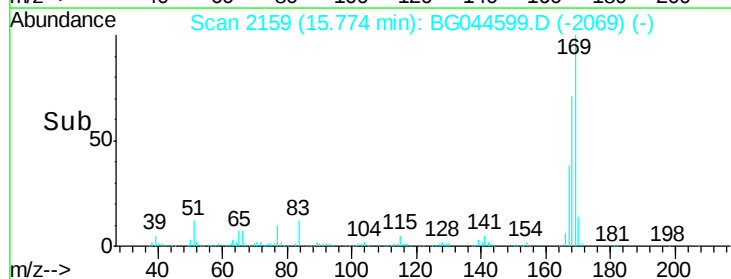
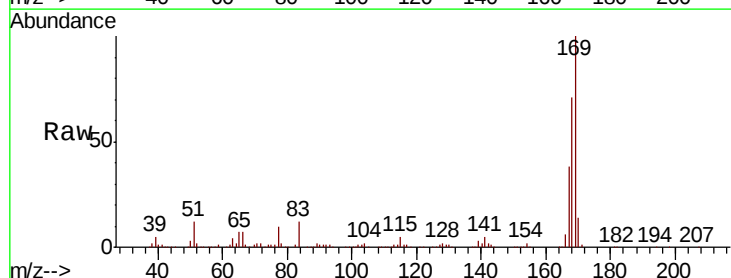
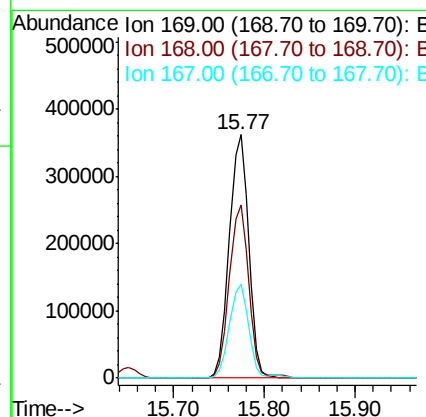
RT: 15.77 min Scan# 2159

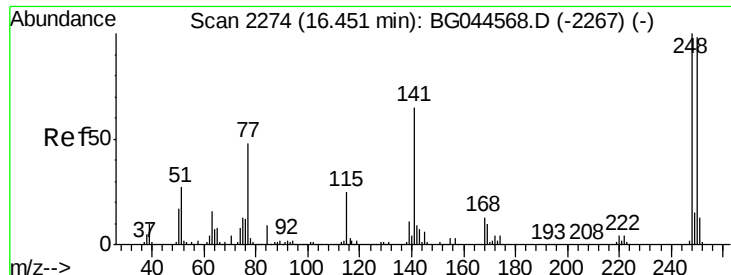
Delta R.T. -0.00 min

Lab File: BG044599.D

Acq: 26 Feb 2020 11:54

Tgt Ion:	169	Resp:	536500
Ion Ratio	Lower	Upper	
169	100		
168	71.3	56.1	84.1
167	38.5	29.4	44.0





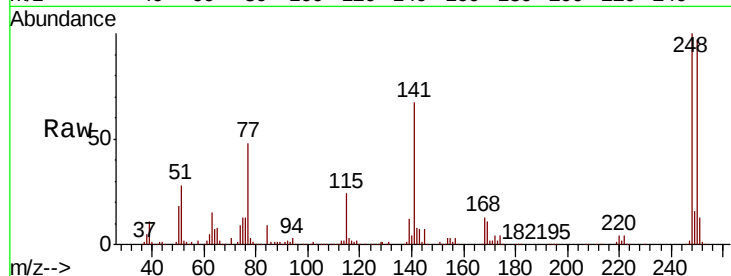
#67
4-Bromophenyl-phenylether
Concen: 34.835 ng
RT: 16.45 min Scan# 2274
Delta R.T. -0.00 min
Lab File: BG044599.D
Acq: 26 Feb 2020 11:54

Instrument :
BNA_G
ClientSampleId :
PB127061BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	78.7	118.1
141	66.7	52.3	78.5

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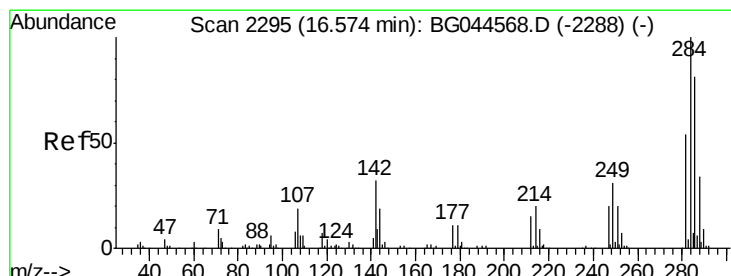
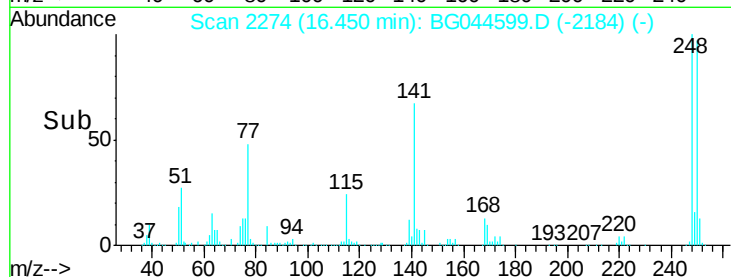
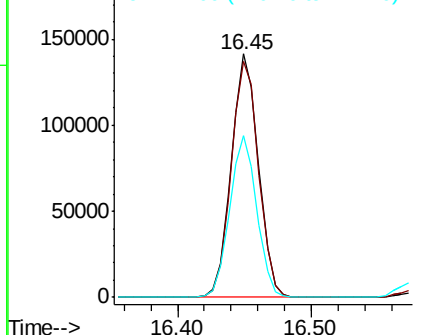


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 34.012 ng
RT: 16.58 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BG044599.D
Acq: 26 Feb 2020 11:54

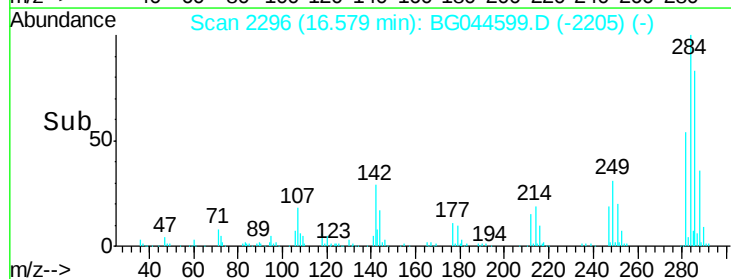
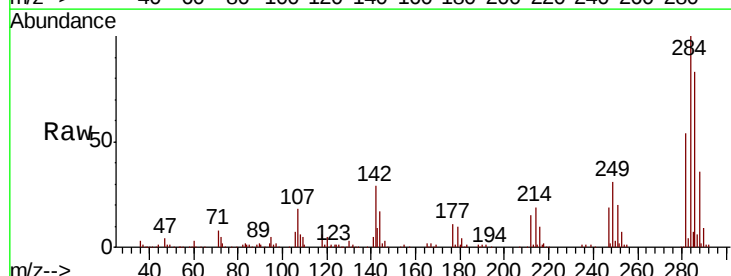
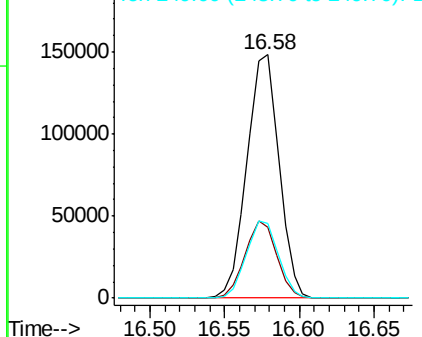
Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.0	25.6	38.4
249	30.8	24.6	36.8

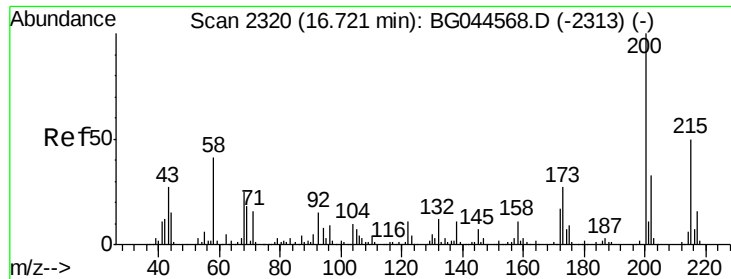
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





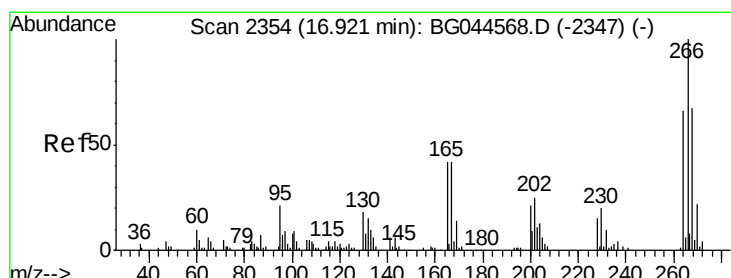
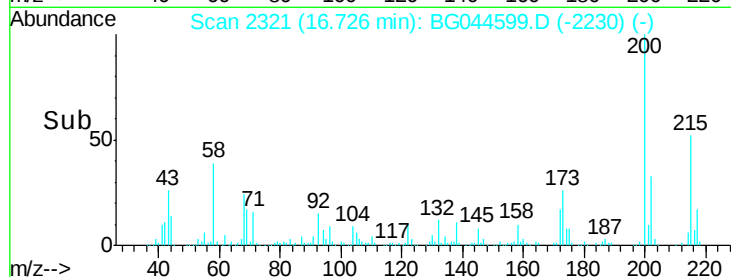
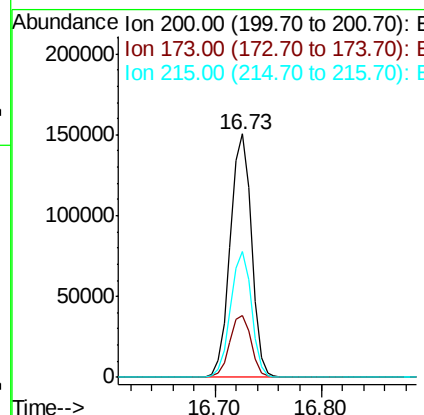
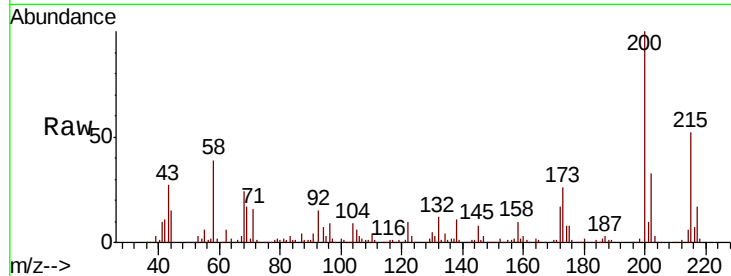
#69
 Atrazine
 Concen: 39.293 ng
 RT: 16.73 min Scan# 2321
 Delta R.T. 0.00 min
 Lab File: BG044599.D
 Acq: 26 Feb 2020 11:54

Instrument :
 BNA_G
 ClientSampleId :
 PB127061BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.6	6.6	46.6
215	51.6	30.3	70.3

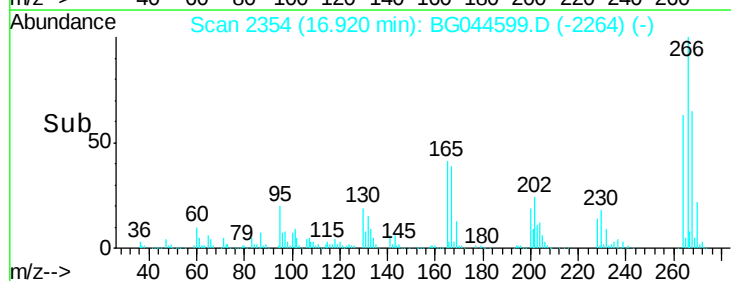
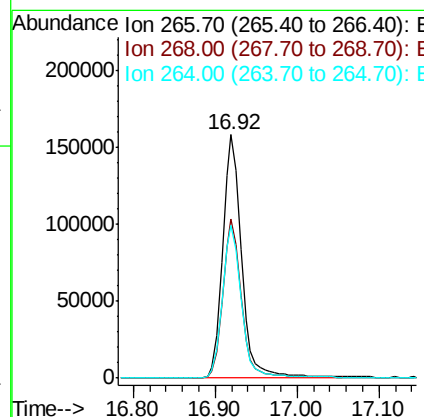
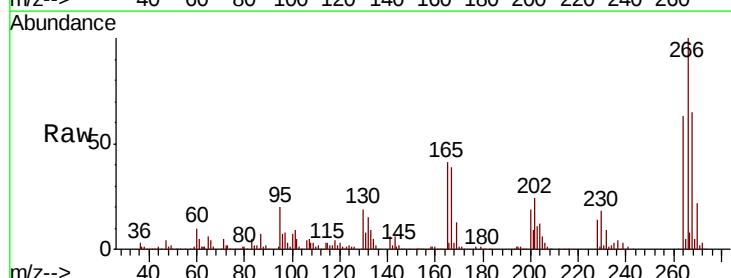
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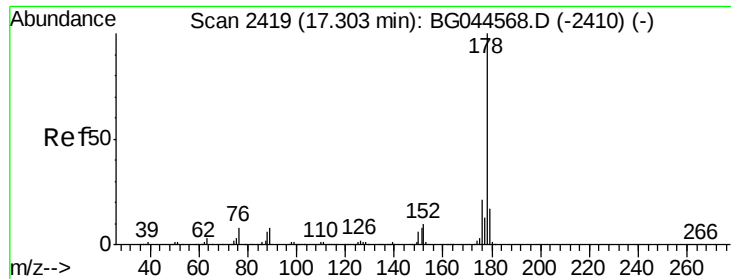
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#70
 Pentachlorophenol
 Concen: 80.776 ng
 RT: 16.92 min Scan# 2354
 Delta R.T. -0.00 min
 Lab File: BG044599.D
 Acq: 26 Feb 2020 11:54

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.5	53.4	80.0
264	62.6	53.0	79.4





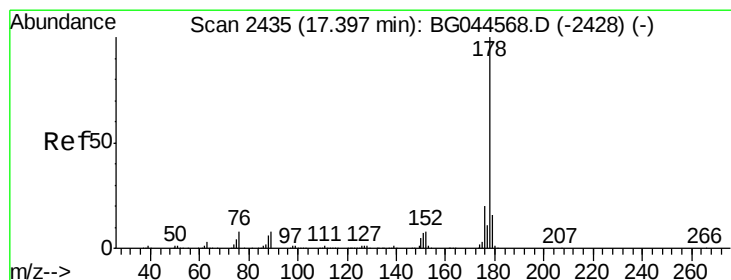
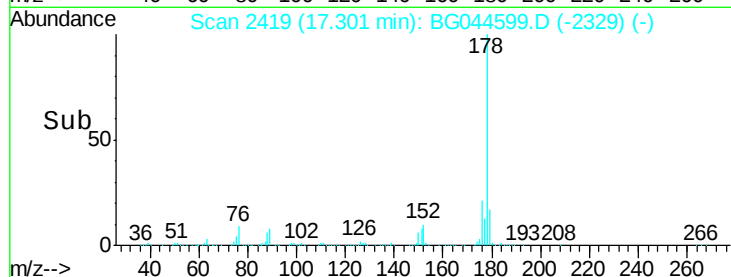
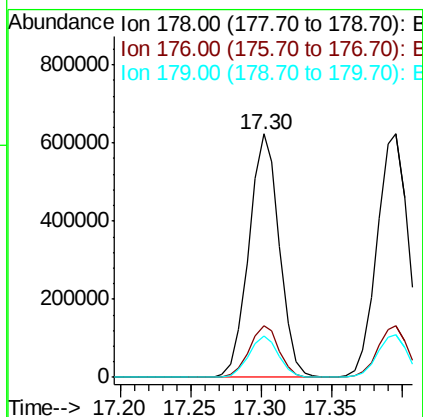
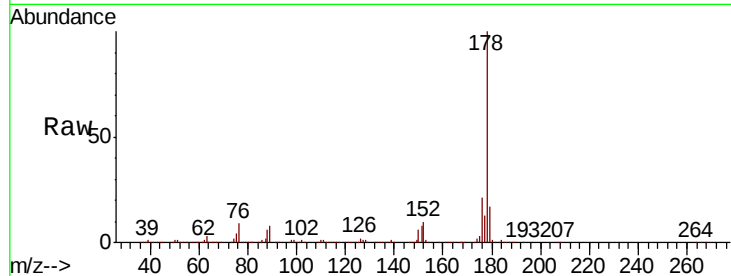
#71
Phenanthrene
Concen: 36.868 ng
RT: 17.30 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BG044599.D
Acq: 26 Feb 2020 11:54

Instrument :
BNA_G
ClientSampleId :
PB127061BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.3	16.6	25.0
179	16.9	13.3	19.9

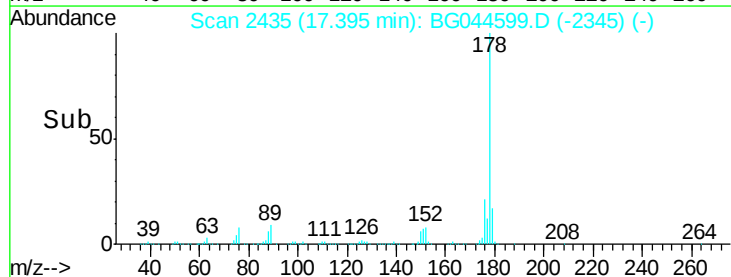
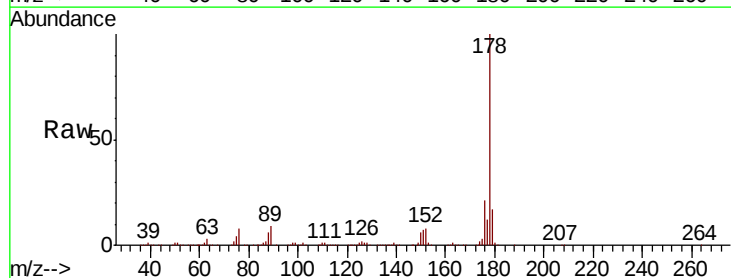
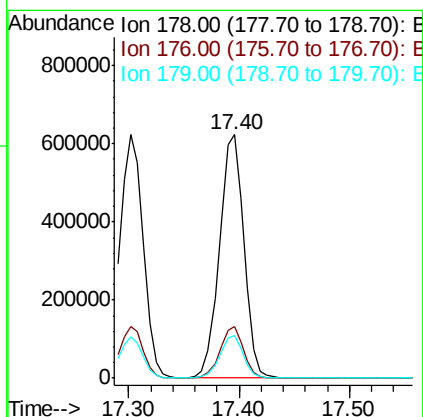
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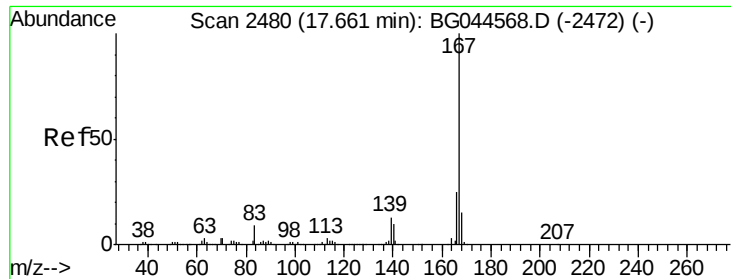
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#72
Anthracene
Concen: 38.008 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG044599.D
Acq: 26 Feb 2020 11:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.2	15.9	23.9
179	17.3	13.1	19.7





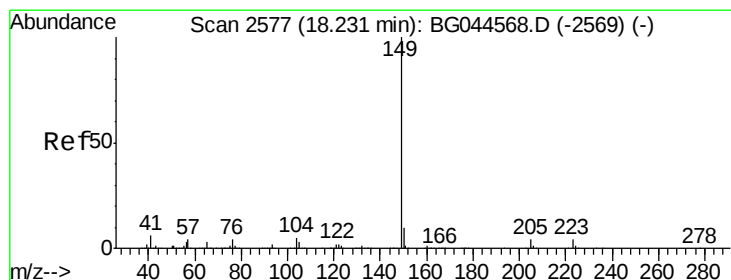
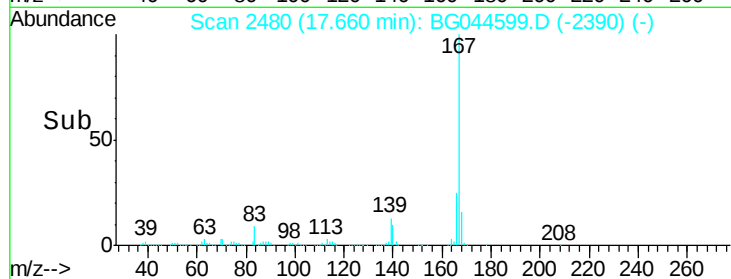
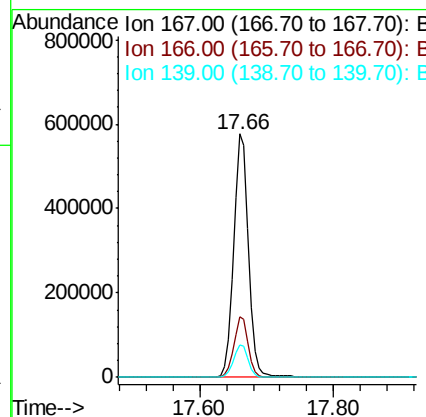
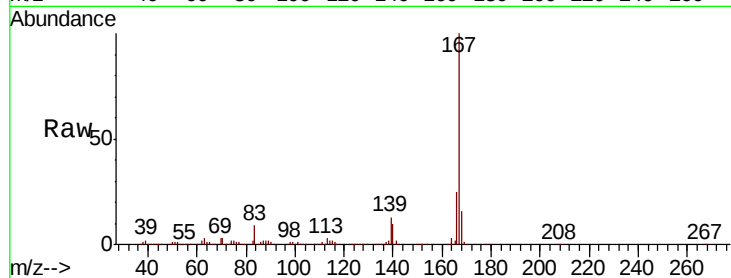
#73
 Carbazole
 Concen: 39.216 ng
 RT: 17.66 min Scan# 2480
 Delta R.T. -0.00 min
 Lab File: BG044599.D
 Acq: 26 Feb 2020 11:54

Instrument :
 BNA_G
 ClientSampleId :
 PB127061BS

Tot Ion:	167	Resp:	900367
Ion Ratio		Lower	Upper
167	100		
166	25.1	19.7	29.5
139	13.5	10.6	15.8

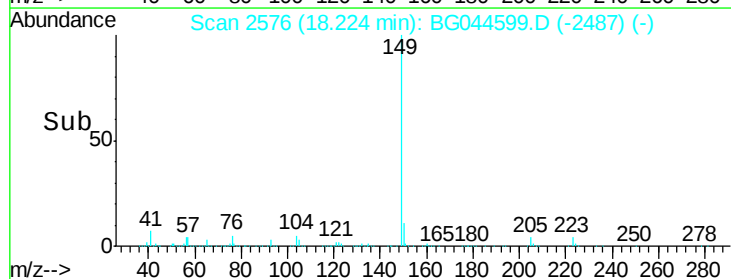
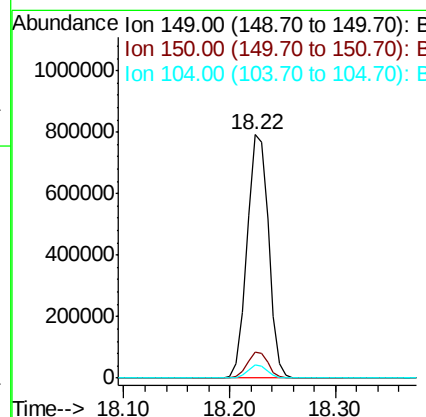
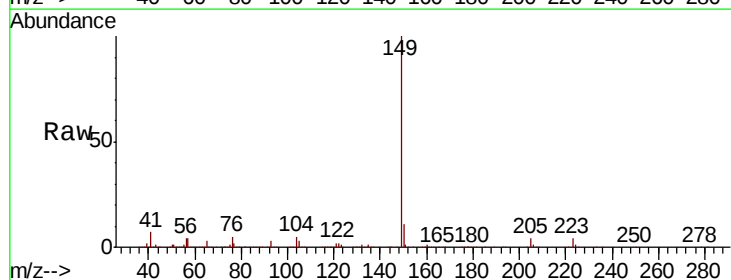
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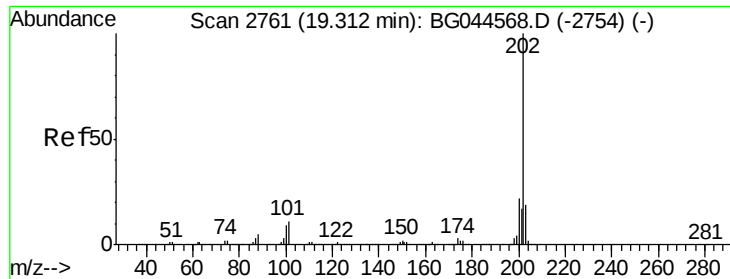
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#74
 Di-n-butylphthalate
 Concen: 38.560 ng
 RT: 18.22 min Scan# 2576
 Delta R.T. -0.01 min
 Lab File: BG044599.D
 Acq: 26 Feb 2020 11:54

Tgt Ion:	149	Resp:	1109369
Ion Ratio		Lower	Upper
149	100		
150	10.7	7.8	11.8
104	5.3	4.0	6.0





#75

Fluoranthene

Concen: 39.001 ng

RT: 19.32 min Scan# 2762

Delta R.T. 0.00 min

Lab File: BG044599.D

Acq: 26 Feb 2020 11:54

Instrument :

BNA_G

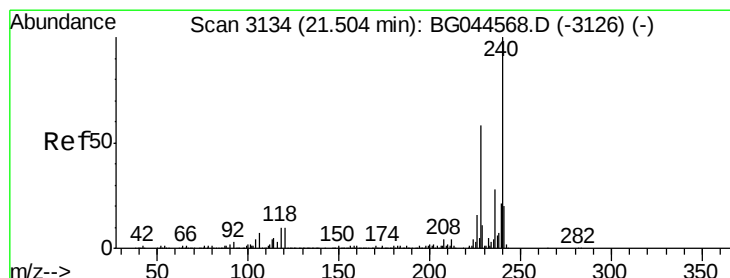
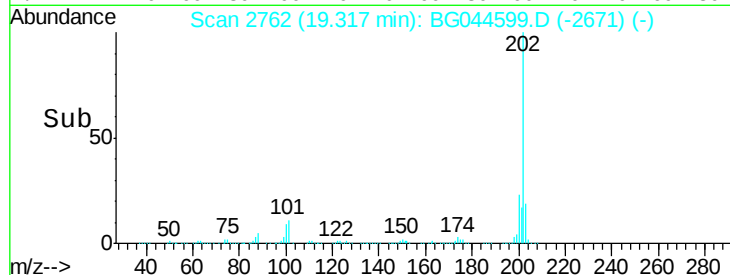
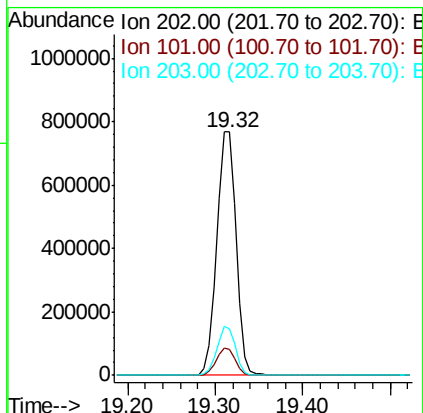
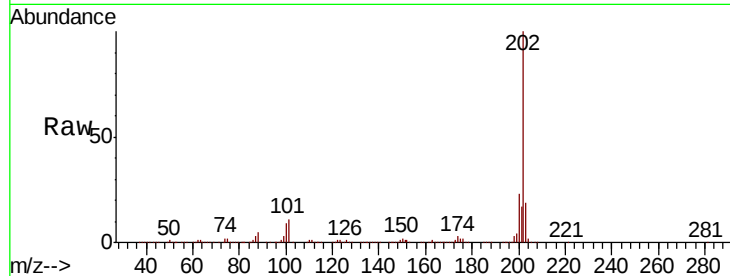
ClientSampled :

PB127061BS

Tot Ion:	202	Resp:	1181693
Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.0
203	19.3	0.0	39.2

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

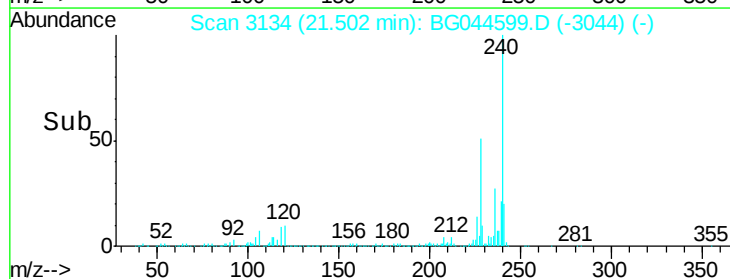
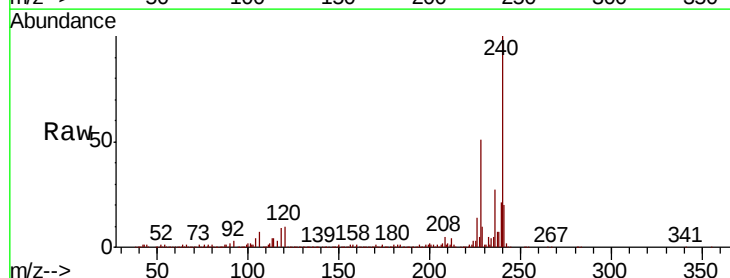
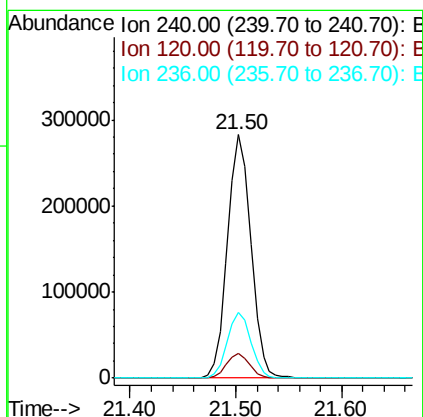
RT: 21.50 min Scan# 3134

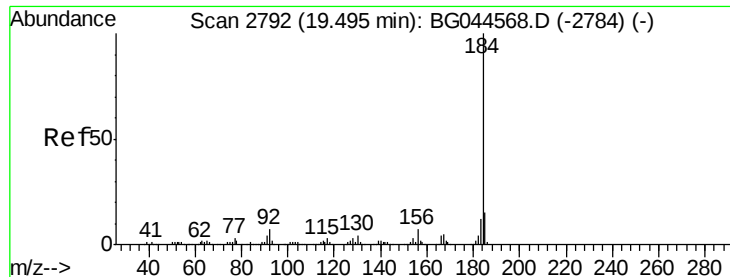
Delta R.T. -0.00 min

Lab File: BG044599.D

Acq: 26 Feb 2020 11:54

Tgt Ion:	240	Resp:	434756
Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.3	12.5
236	27.2	22.3	33.5





#77

Benzidine

Concen: 14.892 ng

RT: 19.49 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG044599.D

Acq: 26 Feb 2020 11:54

Instrument :

BNA_G

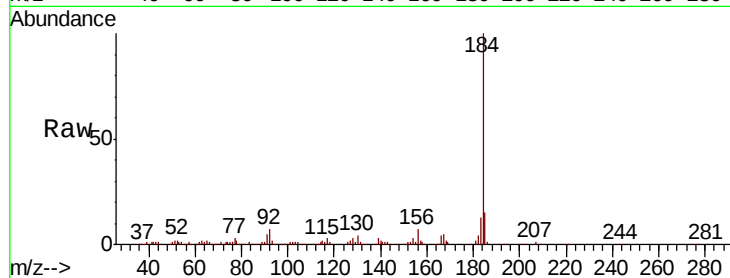
ClientSampleId :

PB127061BS

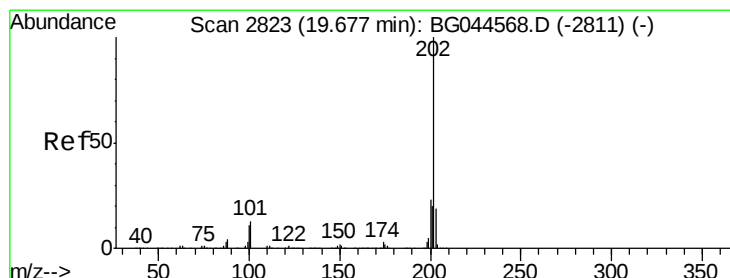
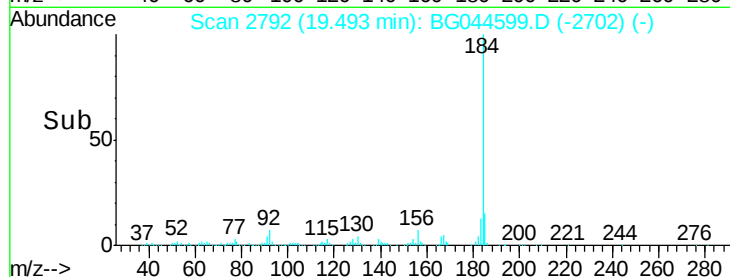
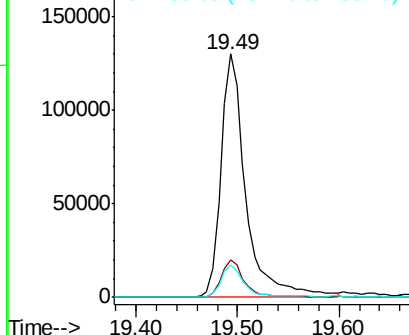
Tot Ion:	184	Resp:	221783
Ion Ratio	Lower	Upper	
184	100		
185	15.2	12.2	18.4
183	13.1	9.9	14.9

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



#78

Pyrene

Concen: 37.453 ng

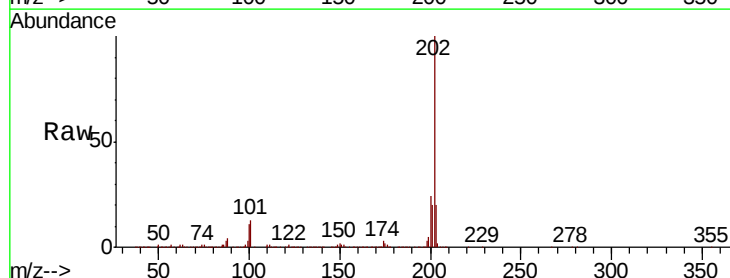
RT: 19.68 min Scan# 2823

Delta R.T. -0.00 min

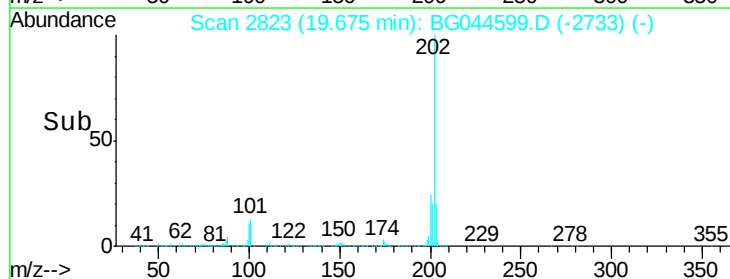
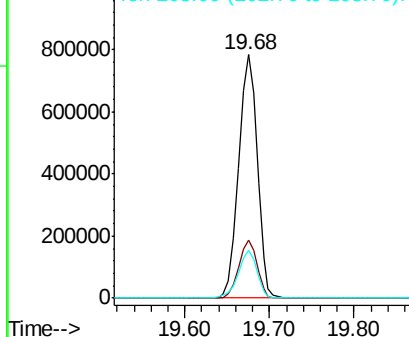
Lab File: BG044599.D

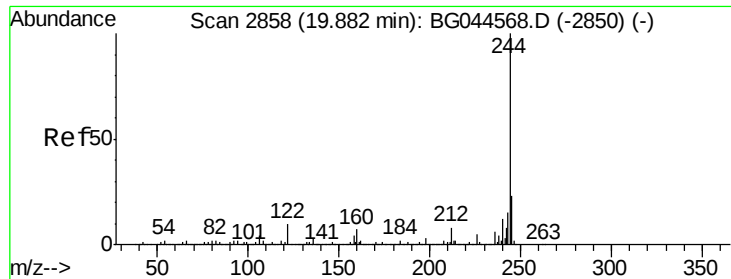
Acq: 26 Feb 2020 11:54

Tgt Ion:	202	Resp:	1181985
Ion Ratio	Lower	Upper	
202	100		
200	23.7	18.6	28.0
203	19.8	15.3	22.9



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: 62.751 ng

RT: 19.87 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG044599.D

Acq: 26 Feb 2020 11:54

Instrument :

BNA_G

ClientSampleId :

PB127061BS

Tot Ion:244 Resp: 1441120

Ion Ratio Lower Upper

244 100

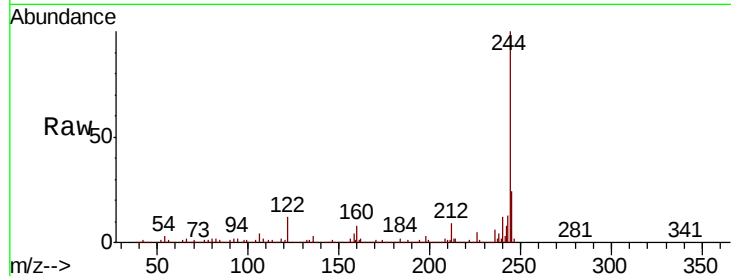
212 8.5 6.5 9.7

122 11.8 8.2 12.4

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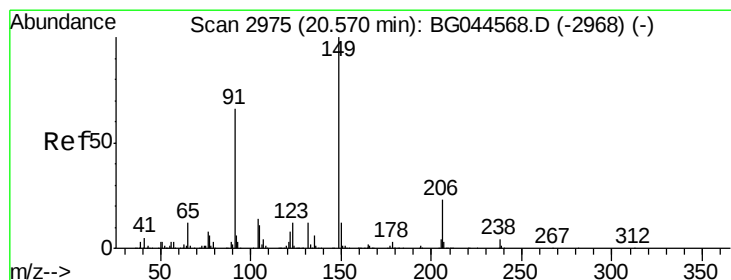
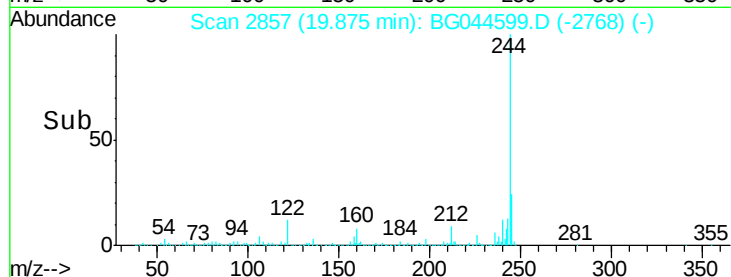
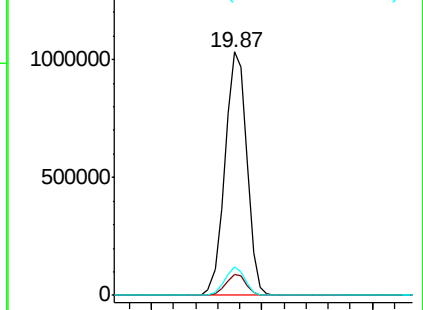
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.593 ng

RT: 20.57 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BG044599.D

Acq: 26 Feb 2020 11:54

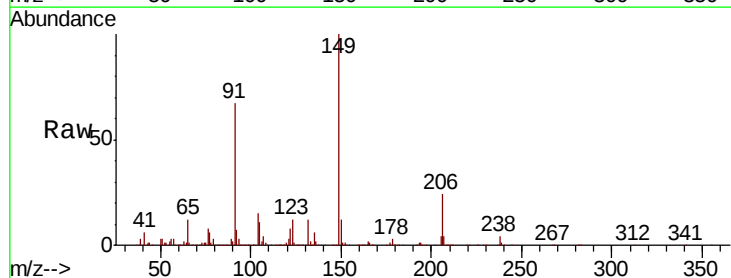
Tgt Ion:149 Resp: 518949

Ion Ratio Lower Upper

149 100

91 66.7 52.7 79.1

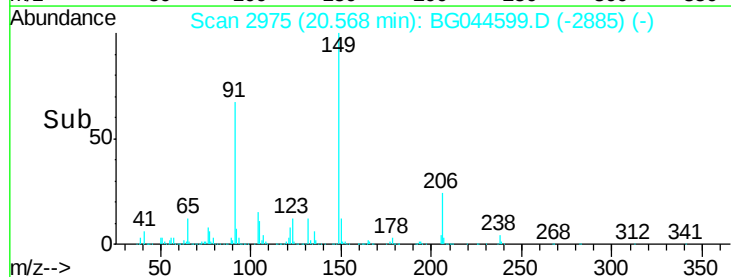
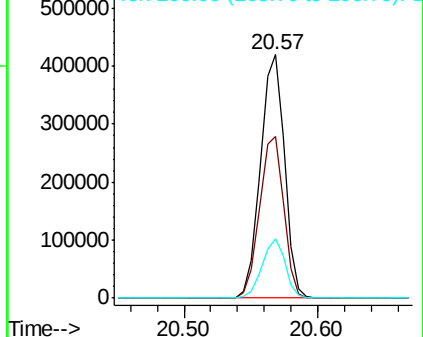
206 24.3 18.6 28.0

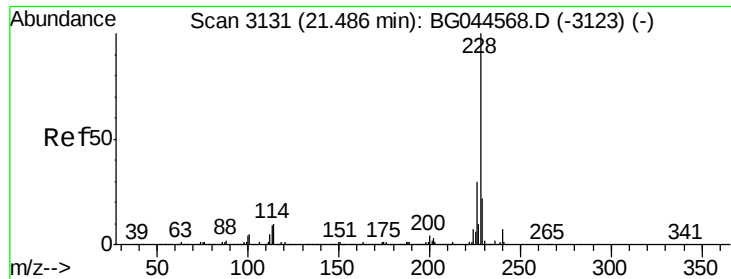


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





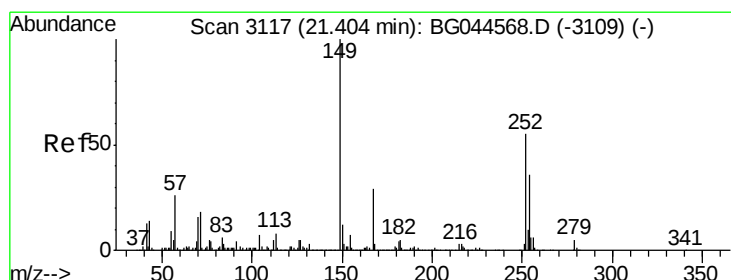
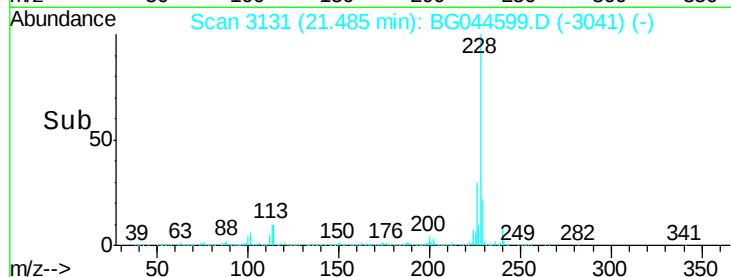
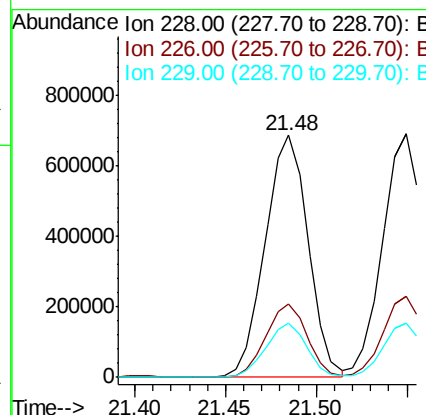
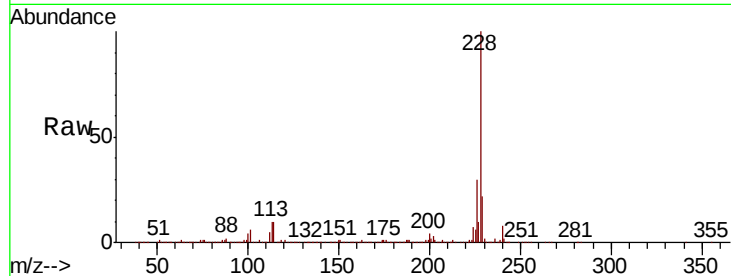
#81
Benzo(a)anthracene
Concen: 36.989 ng
RT: 21.48 min Scan# 3131
Delta R.T. -0.00 min
Lab File: BG044599.D
Acq: 26 Feb 2020 11:54

Instrument :
BNA_G
ClientSampleId :
PB127061BS

Tot Ion:228 Resp: 1130249
Ion Ratio Lower Upper
228 100
226 30.3 23.8 35.8
229 22.3 17.2 25.8

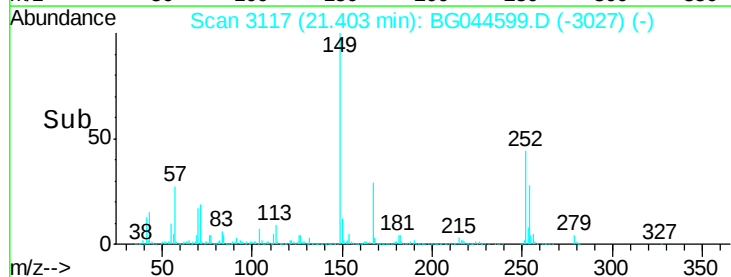
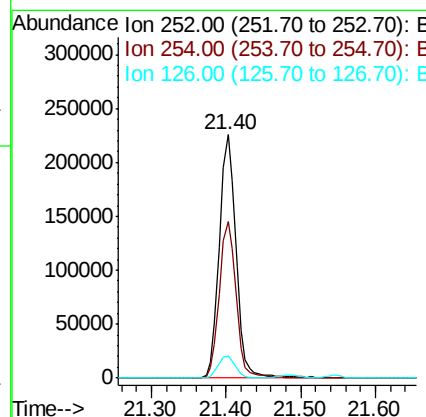
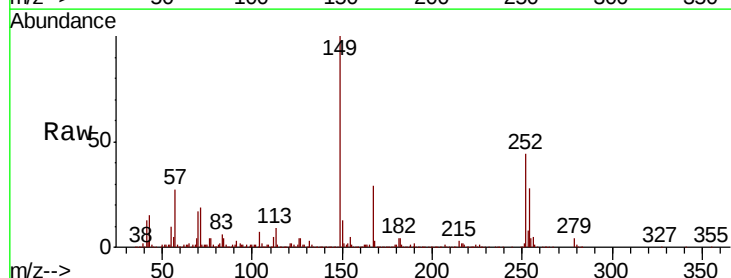
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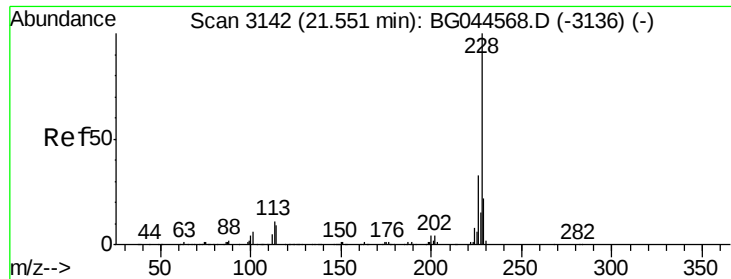
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 29.294 ng
RT: 21.40 min Scan# 3117
Delta R.T. -0.00 min
Lab File: BG044599.D
Acq: 26 Feb 2020 11:54

Tgt Ion:252 Resp: 353624
Ion Ratio Lower Upper
252 100
254 64.2 51.5 77.3
126 9.4 7.8 11.6





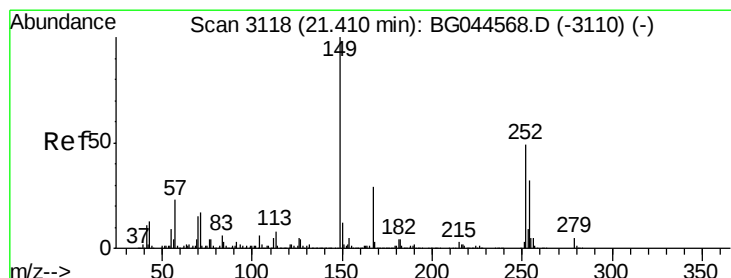
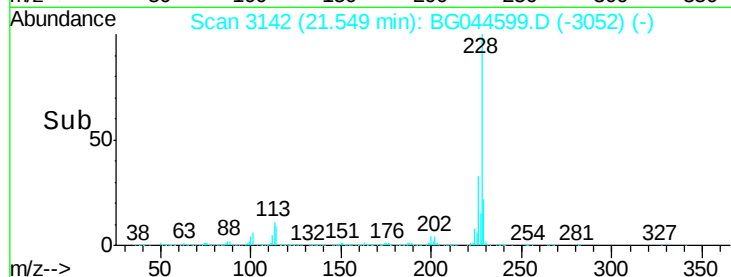
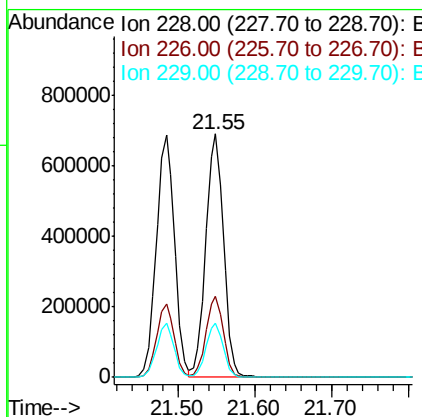
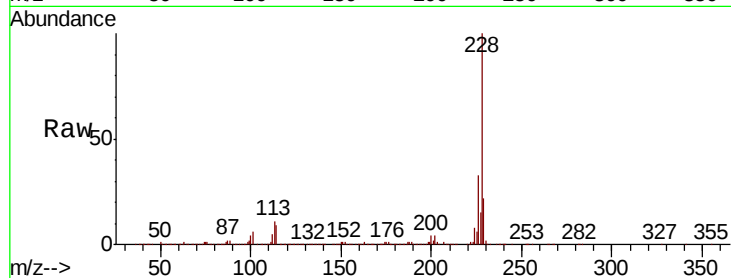
#83
 Chrvsene
 Concen: 36.954 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BG044599.D
 Acq: 26 Feb 2020 11:54

Instrument :
 BNA_G
 ClientSampleId :
 PB127061BS

Tot Ion:228 Resp: 1091753
 Ion Ratio Lower Upper
 228 100
 226 33.3 26.1 39.1
 229 22.3 17.2 25.8

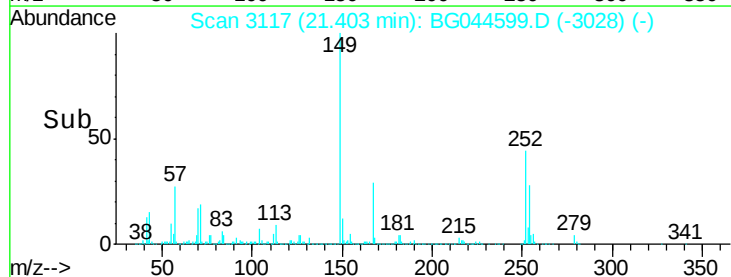
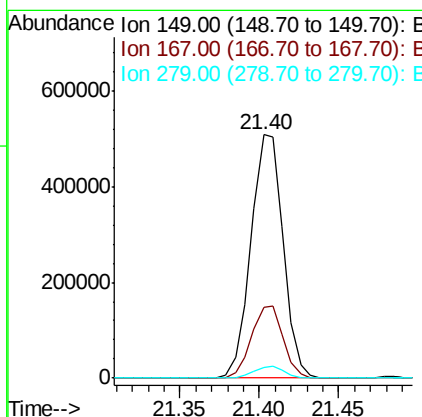
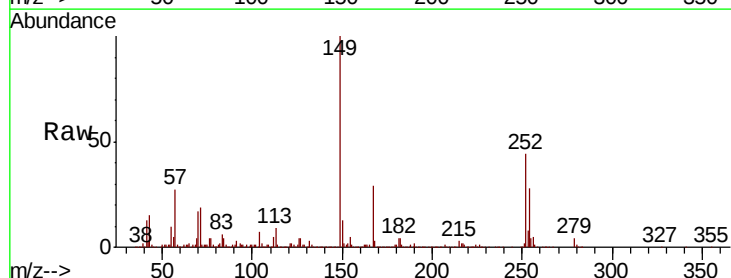
Manual Integrations
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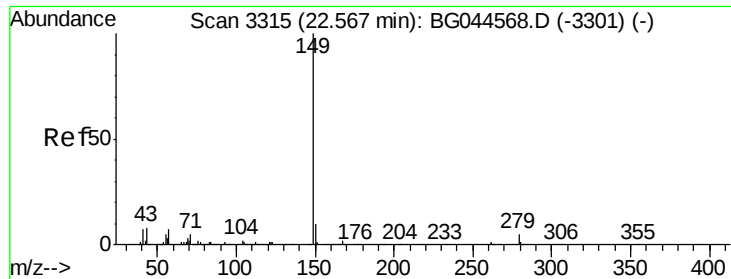
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.793 ng
 RT: 21.40 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BG044599.D
 Acq: 26 Feb 2020 11:54

Tgt Ion:149 Resp: 718866
 Ion Ratio Lower Upper
 149 100
 167 29.3 23.4 35.0
 279 4.5 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 37.925 ng

RT: 22.56 min Scan# 3314

Delta R.T. -0.01 min

Lab File: BG044599.D

Acq: 26 Feb 2020 11:54

Instrument :

BNA_G

ClientSampleId :

PB127061BS

Tot Ion:149 Resp: 1269206

Ion Ratio Lower Upper

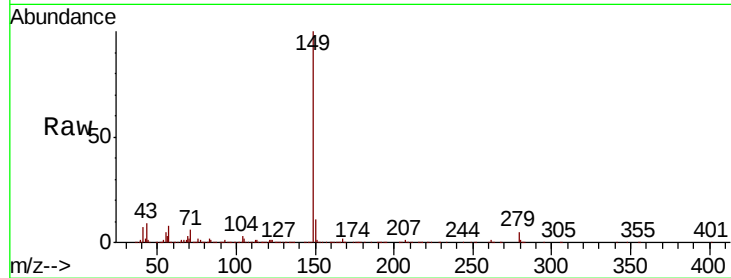
149 100

167 1.7 1.3 1.9

43 8.7 6.6 10.0

Manual Integrations
APPROVED

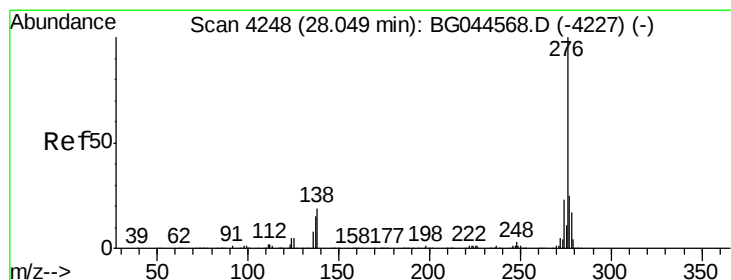
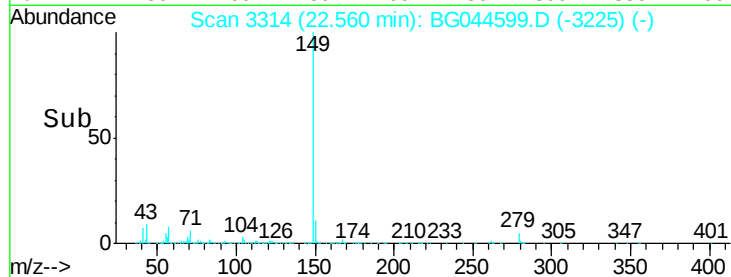
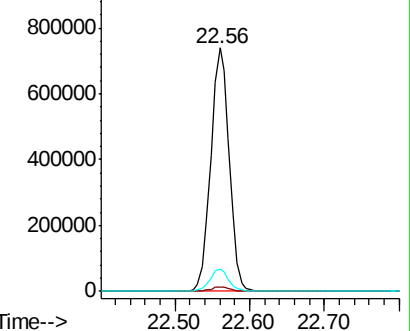
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.265 ng

RT: 28.04 min Scan# 4247

Delta R.T. -0.01 min

Lab File: BG044599.D

Acq: 26 Feb 2020 11:54

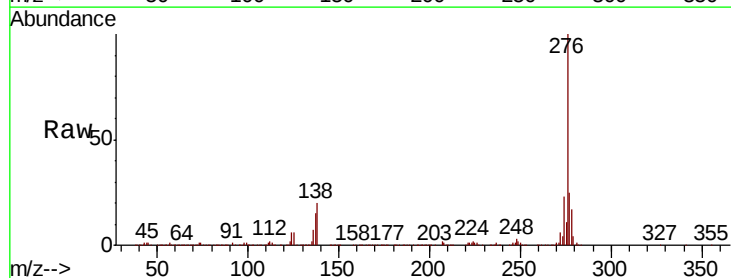
Tgt Ion:276 Resp: 1374966

Ion Ratio Lower Upper

276 100

138 23.6 18.2 27.4

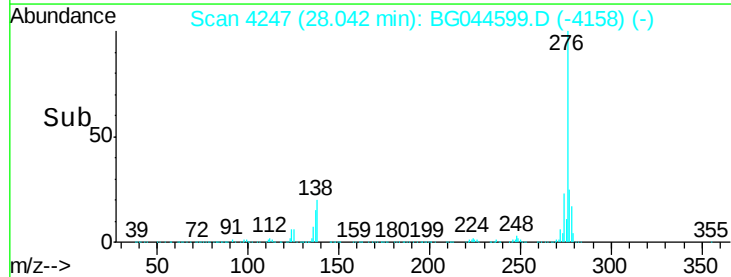
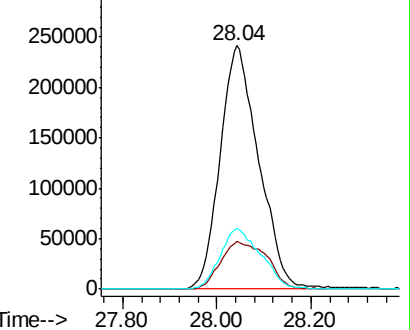
277 26.2 20.7 31.1

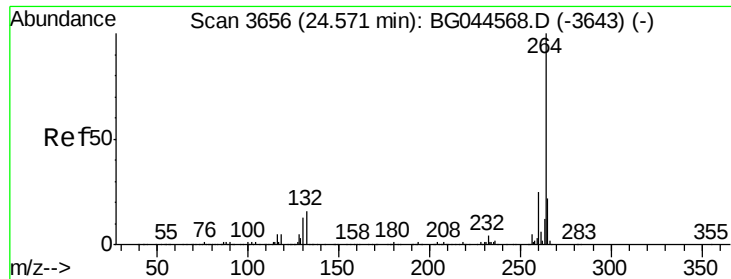


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





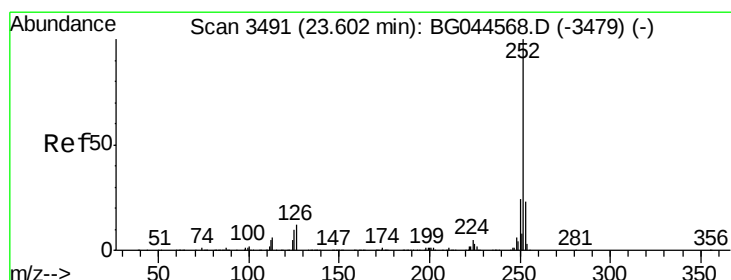
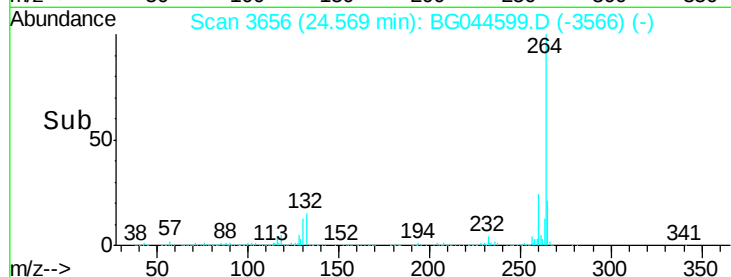
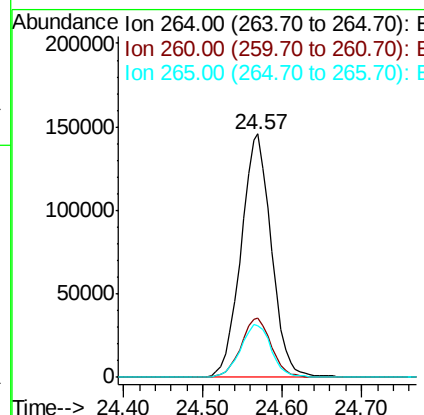
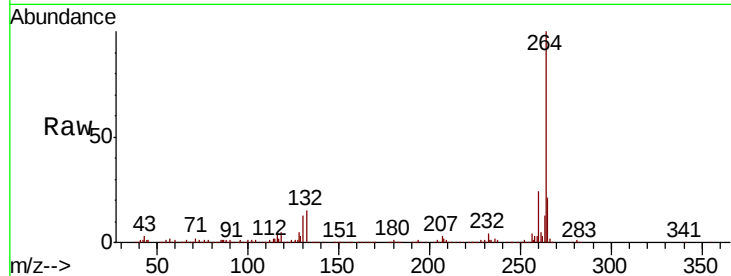
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.57 min Scan# 3656
Delta R.T. -0.00 min
Lab File: BG044599.D
Acq: 26 Feb 2020 11:54

Instrument :
BNA_G
ClientSampleId :
PB127061BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.7	29.5
265	21.1	17.8	26.8

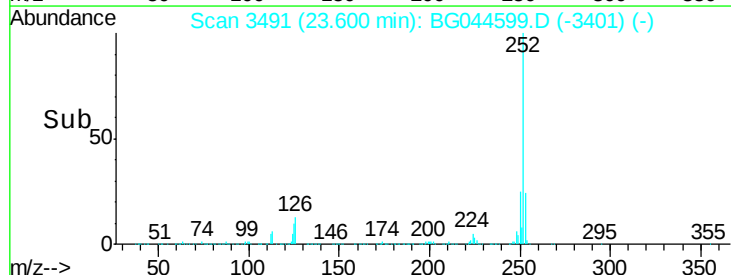
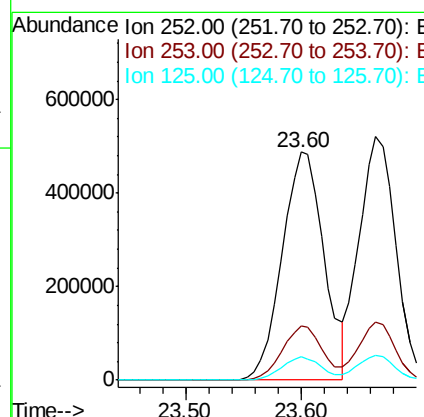
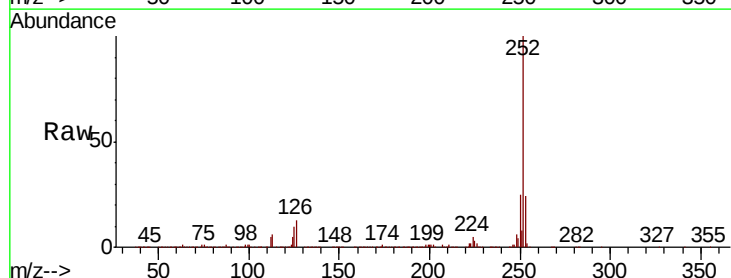
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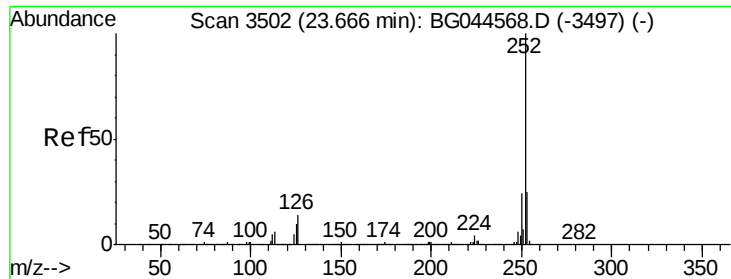
mohammad
2/27/2020 4:58:47 PM



#88
Benzo(b)fluoranthene
Concen: 48.322 ng
RT: 23.60 min Scan# 3491
Delta R.T. -0.00 min
Lab File: BG044599.D
Acq: 26 Feb 2020 11:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.4	27.6
125	10.0	7.9	11.9





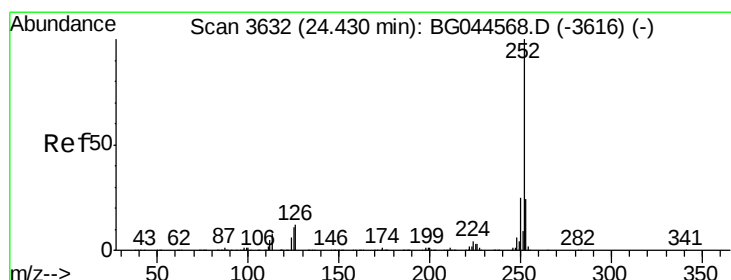
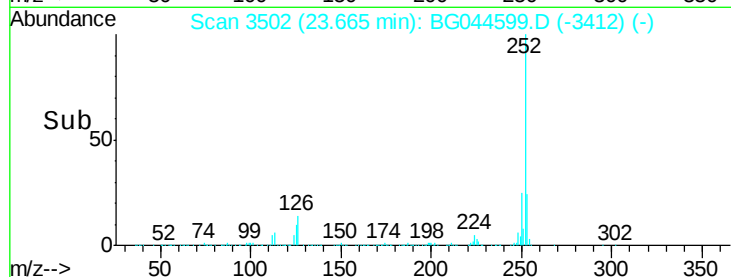
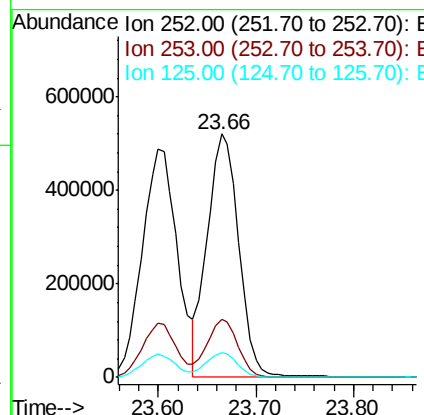
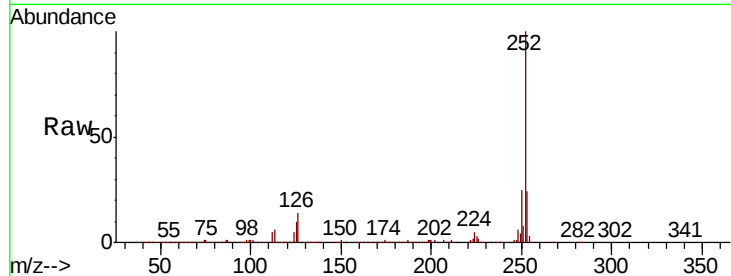
#89
Benzo(k)fluoranthene
Concen: 46.771 ng
RT: 23.66 min Scan# 3502
Delta R.T. -0.00 min
Lab File: BG044599.D
Acq: 26 Feb 2020 11:54

Instrument :
BNA_G
ClientSampleId :
PB127061BS

Tot Ion:252 Resp: 1152878
Ion Ratio Lower Upper
252 100
253 24.0 19.0 28.6
125 10.3 7.8 11.8

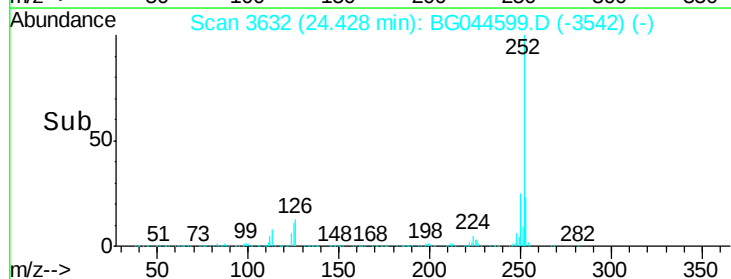
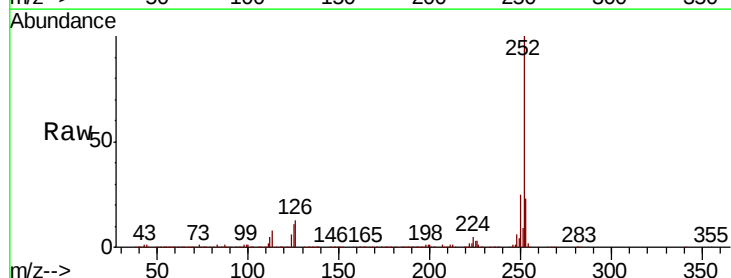
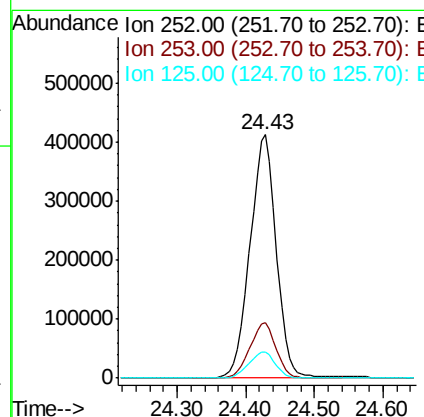
Manual Integrations
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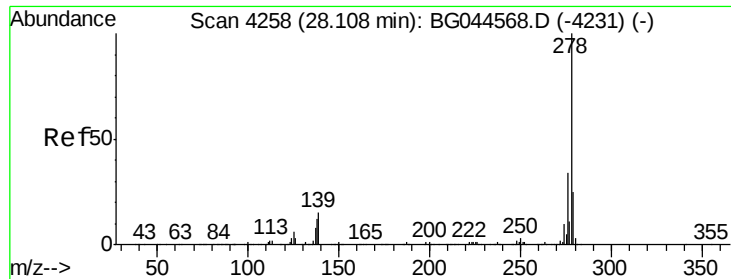
mohammad
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#90
Benzo(a)pyrene
Concen: 45.958 ng
RT: 24.43 min Scan# 3632
Delta R.T. -0.00 min
Lab File: BG044599.D
Acq: 26 Feb 2020 11:54

Tgt Ion:252 Resp: 1096962
Ion Ratio Lower Upper
252 100
253 23.0 19.0 28.4
125 10.7 8.5 12.7





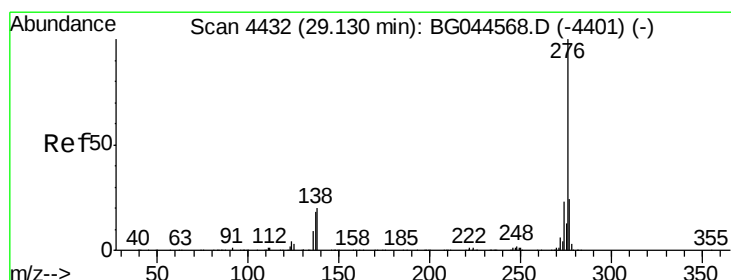
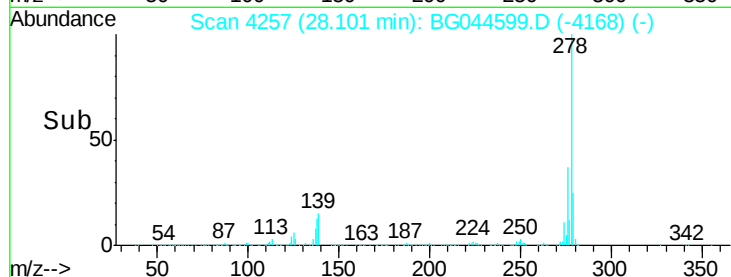
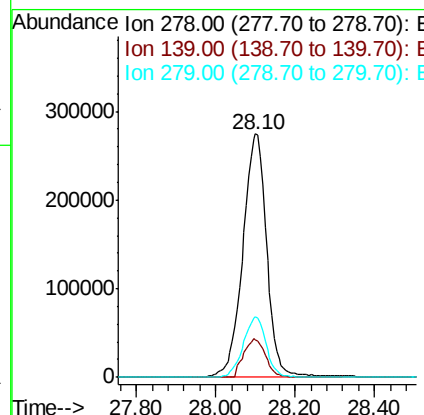
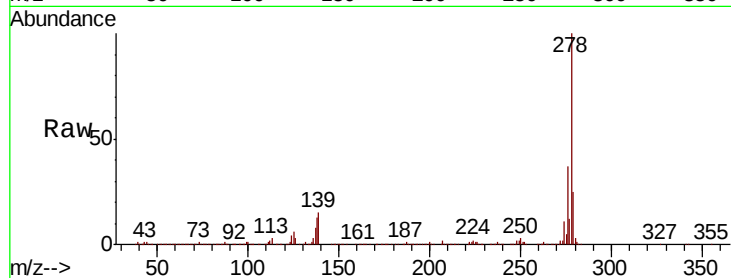
#91
Dibenzo(a,h)anthracene
Concen: 48.897 ng
RT: 28.10 min Scan# 4257
Delta R.T. -0.01 min
Lab File: BG044599.D
Acq: 26 Feb 2020 11:54

Instrument :
BNA_G
ClientSampleId :
PB127061BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.4	11.7	17.5
279	25.1	19.8	29.6

Manual Integrations
APPROVED

mohammad
2/27/2020 4:58:47 PM



#92
Benzo(g,h,i)perylene
Concen: 49.199 ng
RT: 29.13 min Scan# 4433
Delta R.T. 0.00 min
Lab File: BG044599.D
Acq: 26 Feb 2020 11:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.5	29.3
138	21.2	16.1	24.1

