

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022520\
 Data File : BG044581.D
 Acq On : 25 Feb 2020 17:56
 Operator : CG/JU
 Sample : PB127067BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127067BS

Manual Integrations
 APPROVED

mohammad
 2/27/2020 5:03:02 PM

Quant Time: Feb 26 05:37:26 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	63256	20.00	ng	0.00
21) Naphthalene-d8	10.67	136	249378	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	162924	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	373125	20.00	ng	0.00
76) Chrysene-d12	21.50	240	355408	20.00	ng	0.00
87) Perylene-d12	24.57	264	348205	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	447481	113.50	ng	0.01
7) Phenol-d6	7.05	99	578772	107.25	ng	0.00
23) Nitrobenzene-d5	9.03	82	303997	62.80	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	244907	106.01	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	711081	62.50	ng	0.00
79) Terphenyl-d14	19.88	244	1237961	65.94	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.32	88	62110	36.102	ng	99
3) Pyridine	3.72	79	145386	30.286	ng	98
4) n-Nitrosodimethylamine	3.64	42	71371	39.146	ng	99
6) Aniline	7.20	93	178319	27.140	ng	99
8) 2-Chlorophenol	7.44	128	172022	39.971	ng	98
9) Benzaldehyde	7.01	77	71321	22.475	ng	97
10) Phenol	7.08	94	211354	40.415	ng	99
11) bis(2-Chloroethyl)ether	7.30	93	162960	37.067	ng	98
12) 1,3-Dichlorobenzene	7.77	146	189221	36.863	ng	100
13) 1,4-Dichlorobenzene	7.91	146	189110	36.659	ng	98
14) 1,2-Dichlorobenzene	8.23	146	178781	36.443	ng	97
15) Benzyl Alcohol	8.11	79	137465	37.770	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.41	45	208488	35.286	ng	98
17) 2-Methylphenol	8.33	107	145017	38.816	ng	97
18) Hexachloroethane	8.95	117	69595	36.915	ng	96
19) n-Nitroso-di-n-propylamine	8.68	70	121445	35.010	ng	97
20) 3+4-Methylphenols	8.65	107	197260	38.566	ng	99
22) Acetophenone	8.69	105	233900	37.358	ng	# 98
24) Nitrobenzene	9.08	77	175621	37.449	ng	99
25) Isophorone	9.60	82	334615	36.952	ng	99
26) 2-Nitrophenol	9.79	139	98006	38.535	ng	99
27) 2,4-Dimethylphenol	9.86	122	160227	44.869	ng	98
28) bis(2-Chloroethoxy)methane	10.08	93	212144	35.426	ng	99
29) 2,4-Dichlorophenol	10.33	162	169602	39.726	ng	99
30) 1,2,4-Trichlorobenzene	10.54	180	177232	35.895	ng	99
31) Naphthalene	10.73	128	509066	37.410	ng	100
32) Benzoic acid	10.02	122	81366	54.826	ng	99
33) 4-Chloroaniline	10.84	127	123172	20.551	ng	99
34) Hexachlorobutadiene	11.02	225	105663	34.077	ng	97
35) Caprolactam	11.60	113	60169m	39.368	ng	
36) 4-Chloro-3-methylphenol	11.97	107	173875	39.565	ng	99
37) 2-Methylnaphthalene	12.34	142	377789	37.565	ng	99
38) 1-Methylnaphthalene	12.55	142	355121	37.162	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	190963	34.816	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.70	237	167345	65.731	nq	99
43) 2,4,6-Trichlorophenol	12.95	196	135360	38.008	nq	99
44) 2,4,5-Trichlorophenol	13.03	196	146527	40.052	nq	97
46) 1,1'-Biphenyl	13.35	154	474426	35.188	nq	99
47) 2-Chloronaphthalene	13.39	162	369522	34.951	nq	99
48) 2-Nitroaniline	13.59	65	106899	36.424	nq	95
49) Acenaphthylene	14.23	152	582567	37.329	nq	99
50) Dimethylphthalate	13.97	163	482491	36.691	nq	99
51) 2,6-Dinitrotoluene	14.09	165	107463	37.054	nq	97
52) Acenaphthene	14.58	154	357967	35.983	nq	99
53) 3-Nitroaniline	14.42	138	79992	25.574	nq	97
54) 2,4-Dinitrophenol	14.63	184	121219	71.306	nq	97
55) Dibenzofuran	14.92	168	570607	37.414	nq	99
56) 4-Nitrophenol	14.75	139	205809	95.657	nq	98
57) 2,4-Dinitrotoluene	14.88	165	153813	37.723	nq	99
58) Fluorene	15.56	166	452694	37.436	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.15	232	131317	38.979	nq	98
60) Diethylphthalate	15.34	149	488720	37.509	nq	100
61) 4-Chlorophenyl-phenylether	15.56	204	240206	36.533	nq	99
62) 4-Nitroaniline	15.59	138	111232	35.516	nq	93
63) Azobenzene	15.85	77	426538	38.466	nq	100
65) 4,6-Dinitro-2-methylphenol	15.65	198	95707	41.425	nq	97
66) n-Nitrosodiphenylamine	15.77	169	428064	36.779	nq	98
67) 4-Bromophenyl-phenylether	16.45	248	160787	34.716	nq	98
68) Hexachlorobenzene	16.57	284	175378	33.492	nq	97
69) Atrazine	16.73	200	173406	40.301	nq	98
70) Pentachlorophenol	16.92	266	200359	78.358	nq	98
71) Phenanthrene	17.30	178	761482	36.862	nq	100
72) Anthracene	17.40	178	774828	38.061	nq	99
73) Carbazole	17.66	167	723898	39.066	nq	100
74) Di-n-butylphthalate	18.23	149	909113	39.152	nq	99
75) Fluoranthene	19.32	202	955431	39.070	nq	99
77) Benzidine	19.49	184	250178	20.549	nq	98
78) Pyrene	19.68	202	951844	36.894	nq	99
80) Butylbenzylphthalate	20.57	149	412419	36.546	nq	99
81) Benzo(a)anthracene	21.49	228	916066	36.673	nq	100
82) 3,3'-Dichlorobenzidine	21.40	252	304624	30.869	nq	98
83) Chrysene	21.55	228	887933	36.765	nq	99
84) Bis(2-ethylhexyl)phthalate	21.41	149	590003	37.943	nq	99
85) Di-n-octyl phthalate	22.56	149	1041053	38.053	nq	99
86) Indeno(1,2,3-cd)pyrene	28.05	276	1110021	35.813	nq	99
88) Benzo(b)fluoranthene	23.61	252	985018	43.025	nq	99
89) Benzo(k)fluoranthene	23.67	252	949634	42.750	nq	99
90) Benzo(a)pyrene	24.43	252	894545	41.587	nq	98
91) Dibenzo(a,h)anthracene	28.10	278	932037	43.813	nq	100
92) Benzo(g,h,i)perylene	29.13	276	949070	44.529	nq	100

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

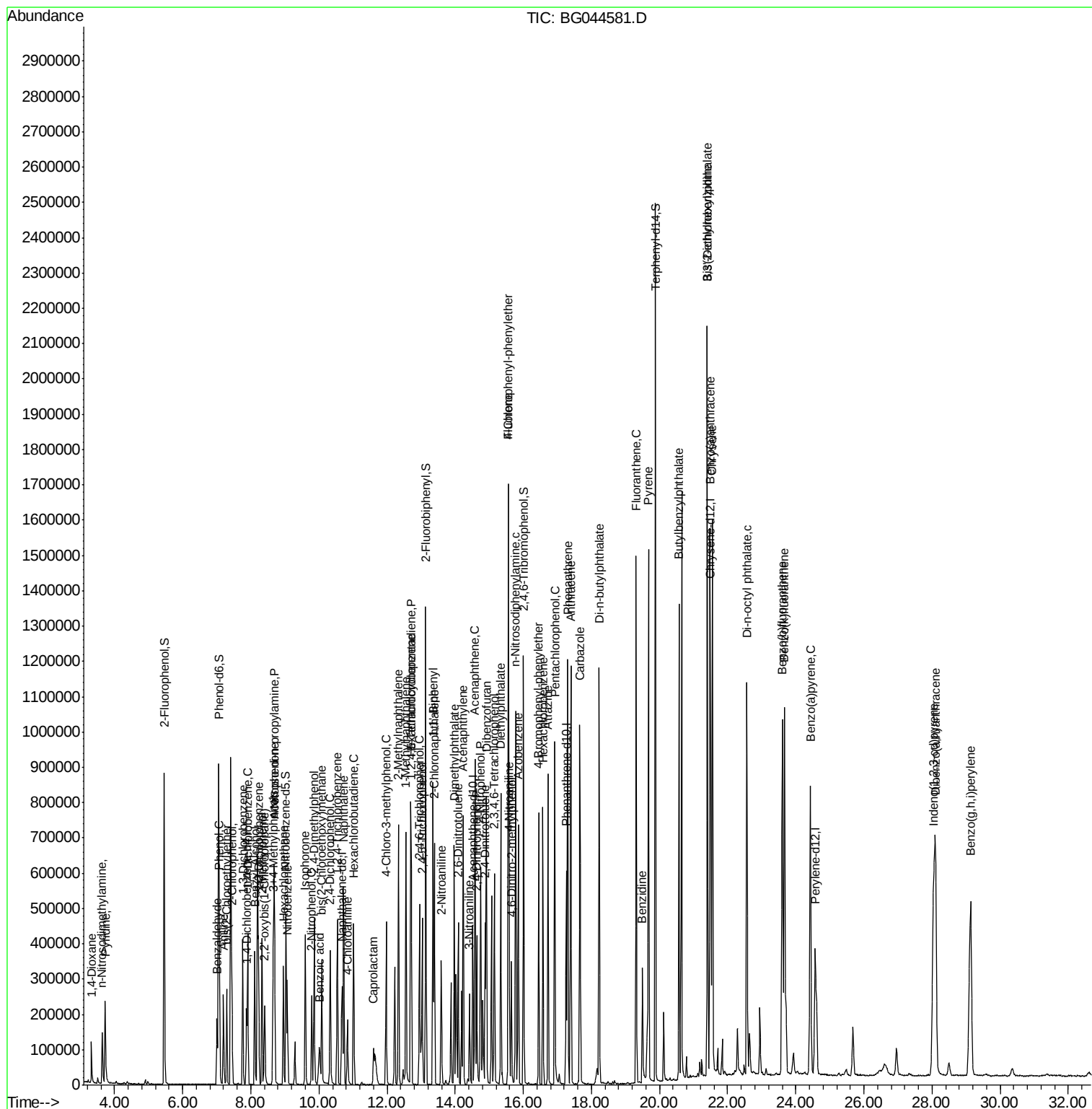
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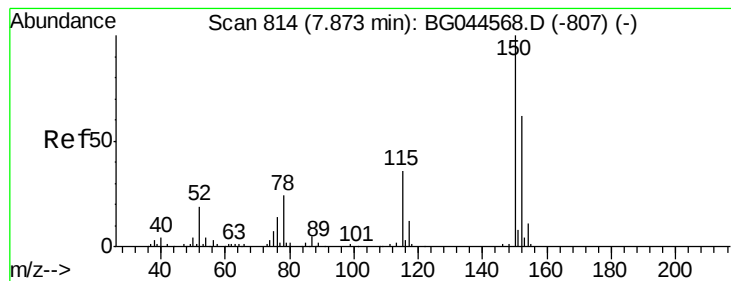
Instrument :
BNA_G
ClientSampleID :
PB127067BS

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#1

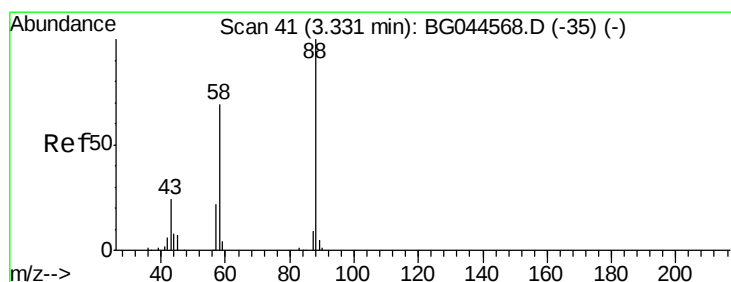
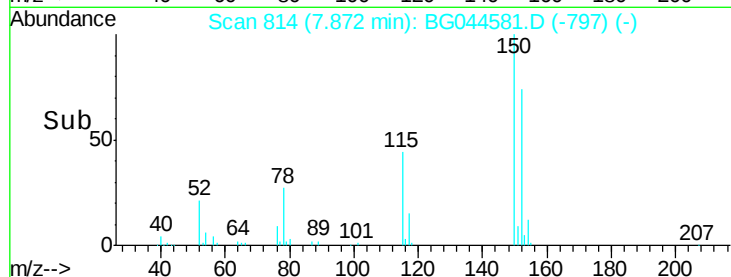
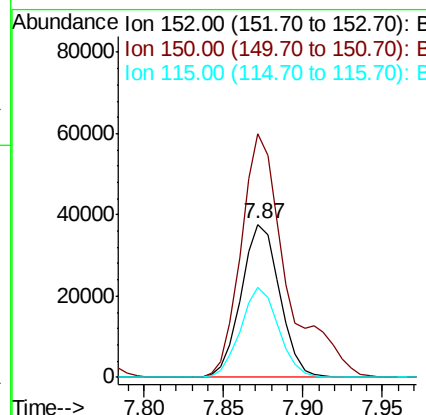
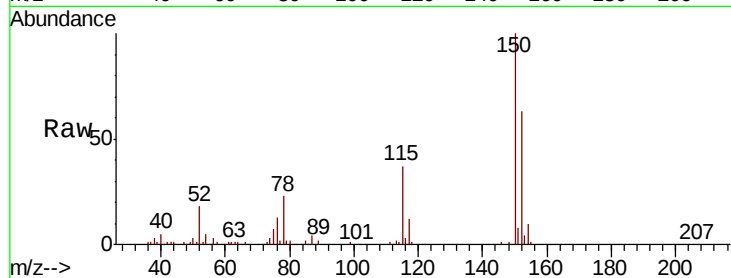
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	128.9	193.3
115	59.1	47.0	70.4

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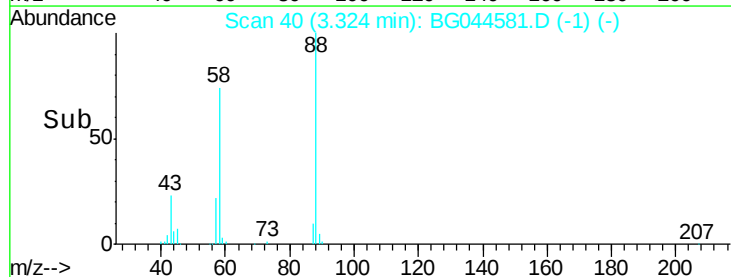
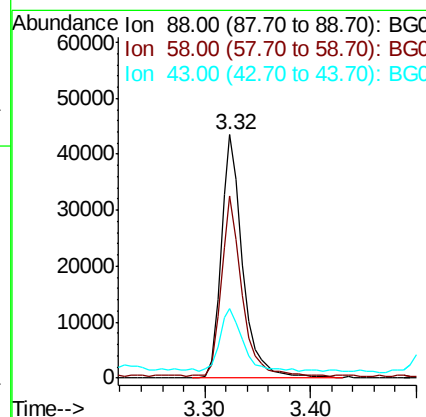
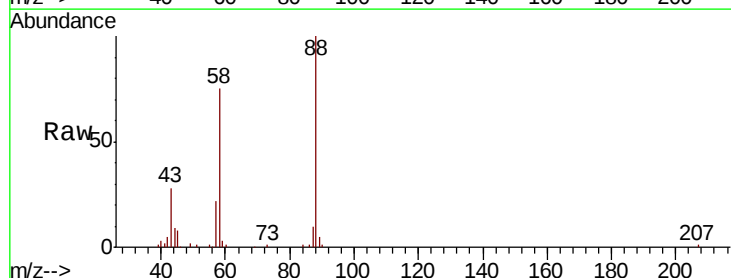
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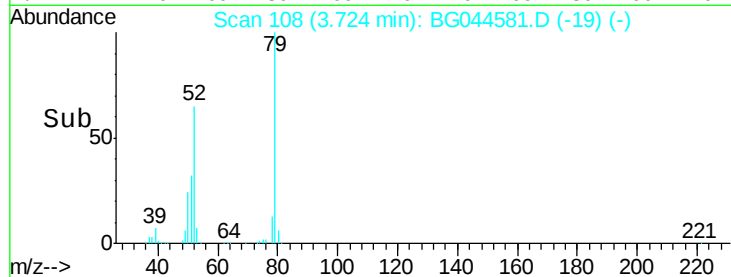
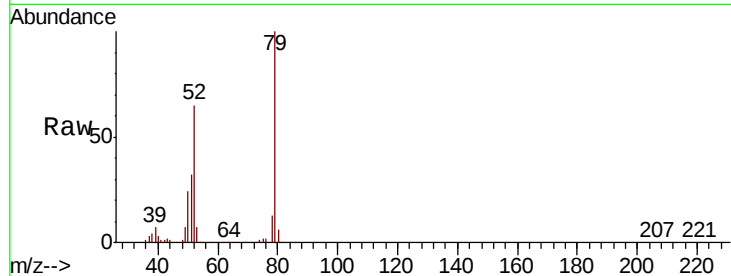
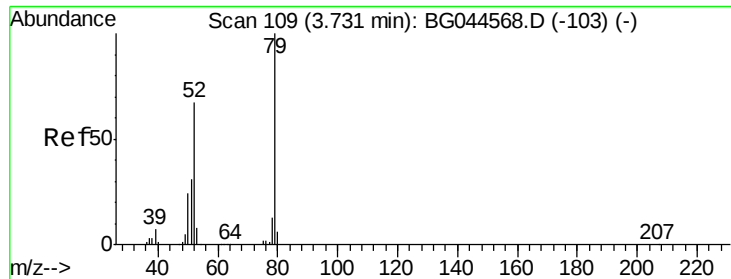


#2

1,4-Dioxane
Concen: 36.102 ng
RT: 3.32 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.1	55.8	83.8
43	25.7	20.6	31.0





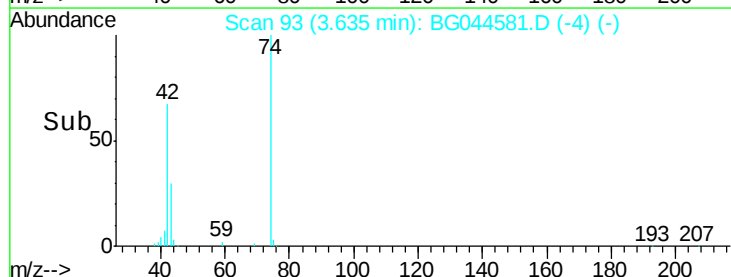
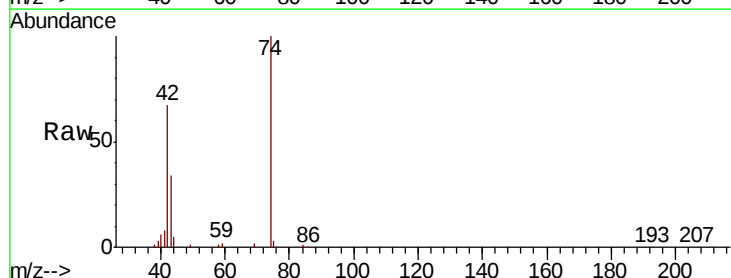
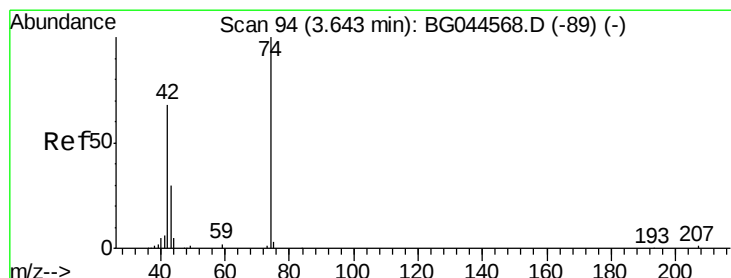
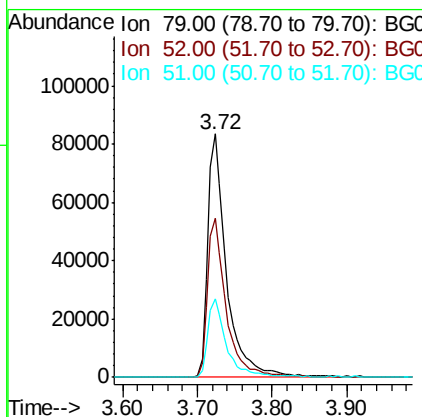
#3
 Pvridine
 Concen: 30.286 ng
 RT: 3.72 min Scan# 108
 Delta R.T. -0.01 min
 Lab File: BG044581.D
 Acq: 25 Feb 2020 17:56

Tot Ion	Ratio	Lower	Upper
79	100		
52	65.3	53.7	80.5
51	32.1	25.4	38.0

Instrument :
 BNA_G
 ClientSampleId :
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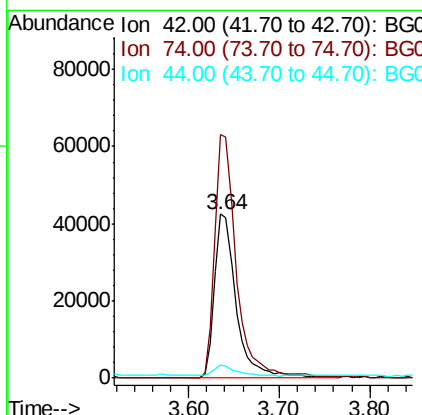
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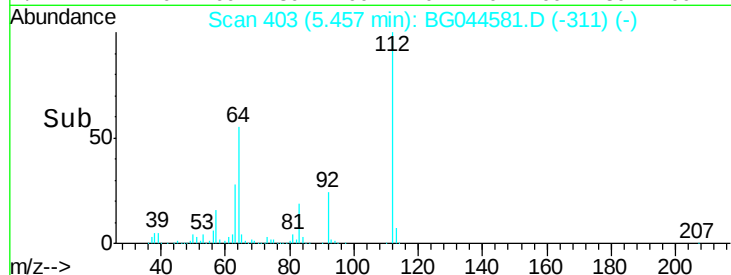
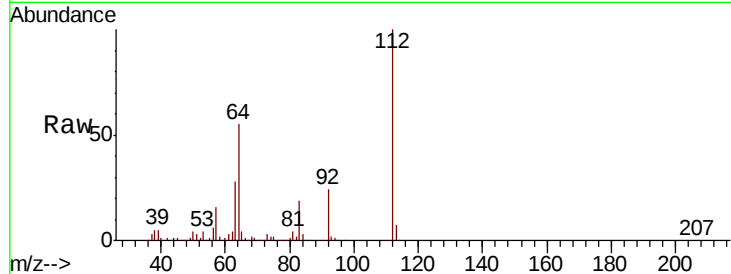
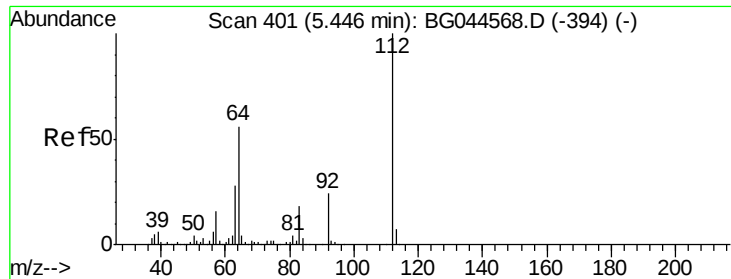
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#4
 n-Nitrosodimethylamine
 Concen: 39.146 ng
 RT: 3.64 min Scan# 93
 Delta R.T. -0.01 min
 Lab File: BG044581.D
 Acq: 25 Feb 2020 17:56

Tgt Ion	Ratio	Lower	Upper
42	100		
74	148.4	117.6	176.4
44	8.1	6.3	9.5





#5

2-Fluorophenol

Concen: 113.502 ng

RT: 5.46 min Scan# 403

Delta R.T. 0.01 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

Tot Ion:	112	Resp:	447481
Ion Ratio	Lower	Upper	
112	100		
64	55.3	44.8	67.2
63	28.4	22.3	33.5

Instrument :

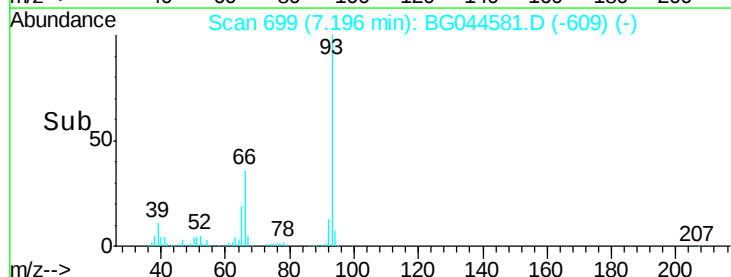
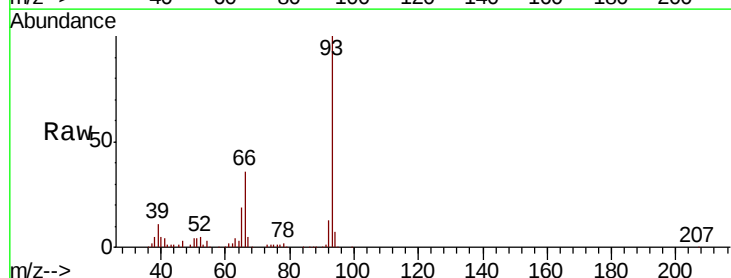
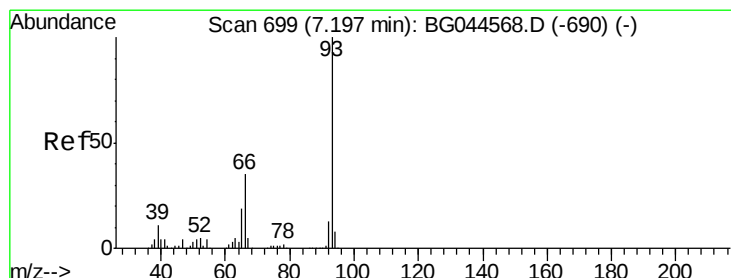
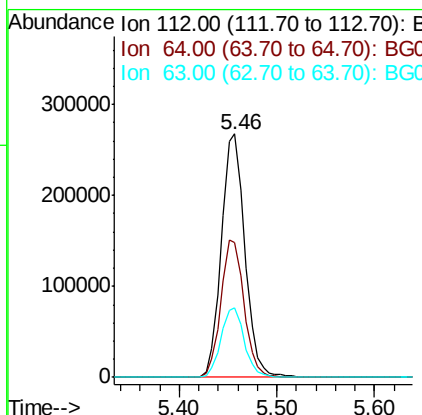
BNA_G

ClientSampleId :

PB127067BS

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#6

Aniline

Concen: 27.140 ng

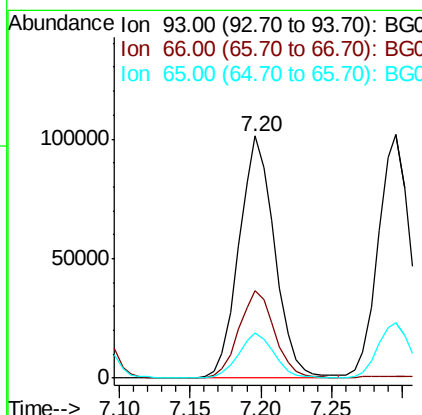
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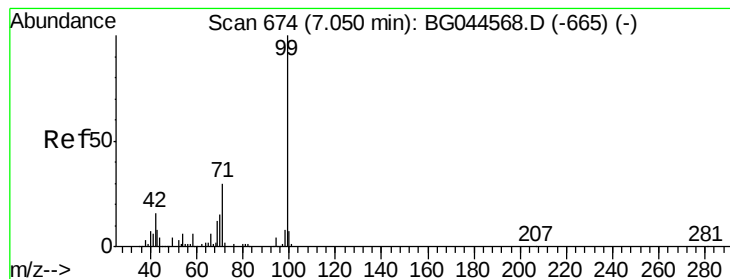
Delta R.T. -0.00 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

Tgt Ion:	93	Resp:	178319
Ion Ratio	Lower	Upper	
93	100		
66	35.9	27.8	41.8
65	18.8	14.9	22.3





#7

Phenol-d6

Concen: 107.249 ng

RT: 7.05 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

Instrument :

BNA_G

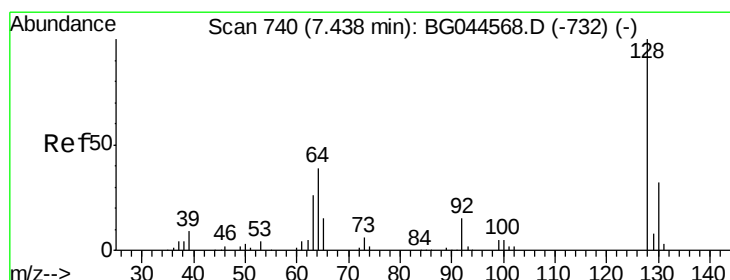
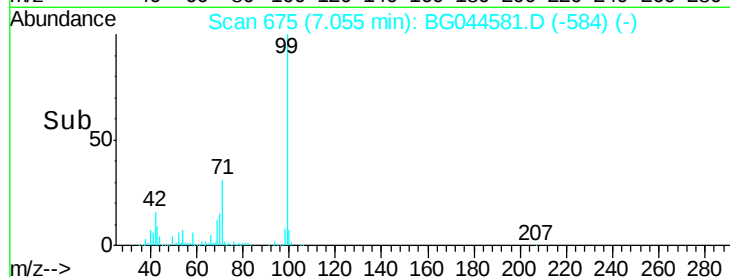
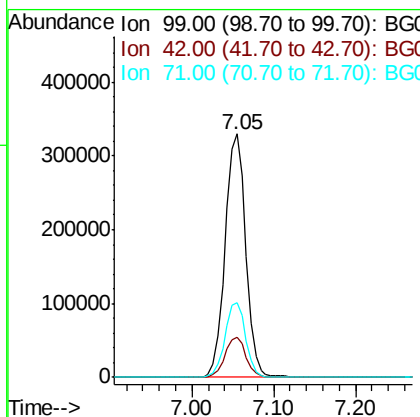
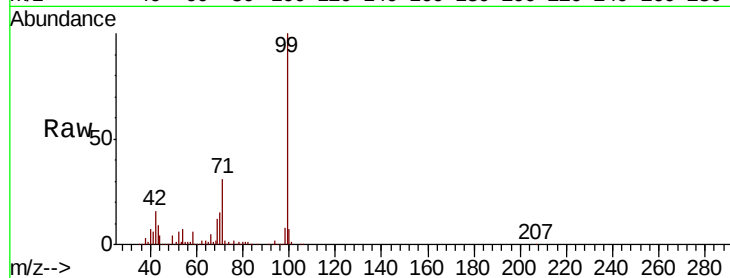
ClientSampleId :

PB127067BS

Tot Ion:	99	Resp:	578772
Ion	Ratio	Lower	Upper
99	100		
42	16.4	12.8	19.2
71	30.9	24.4	36.6

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#8

2-Chlorophenol

Concen: 39.971 ng

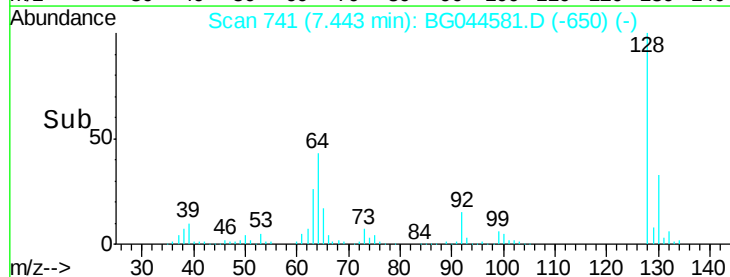
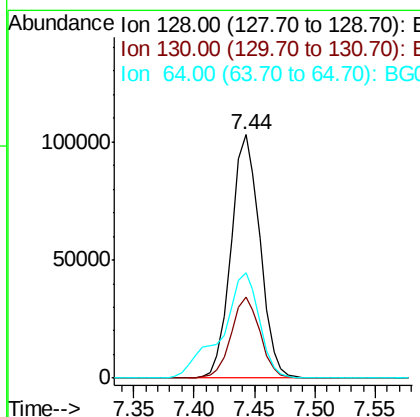
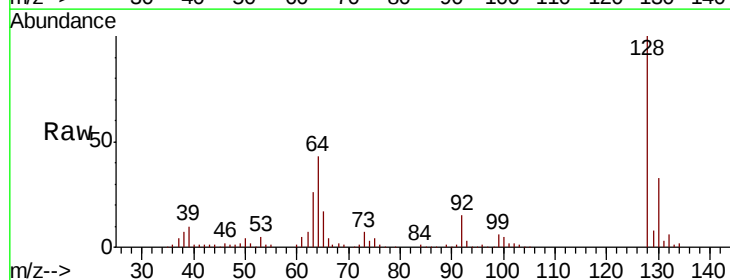
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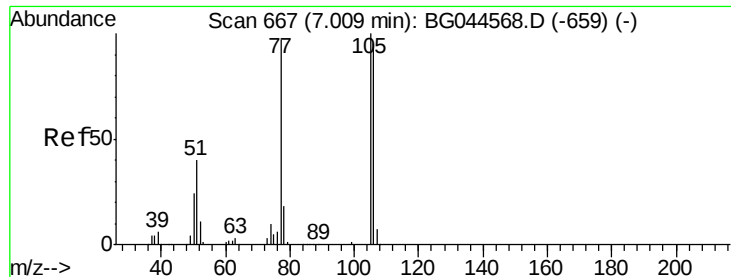
Delta R.T. 0.00 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

Tgt Ion:	128	Resp:	172022
Ion	Ratio	Lower	Upper
128	100		
130	33.3	12.3	52.3
64	43.3	22.5	62.5





#9

Benzaldehyde

Concen: 22.475 ng

RT: 7.01 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG044581.D

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Instrument :

BNA_G

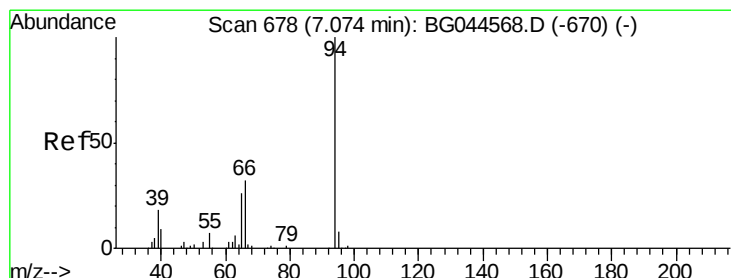
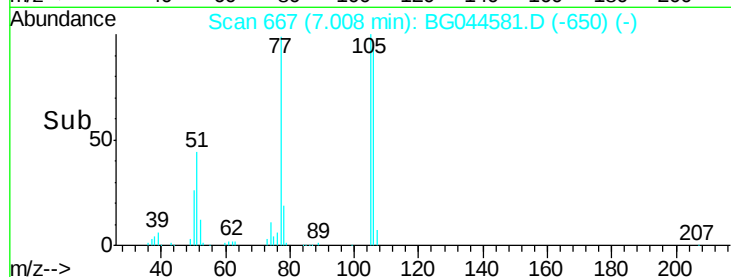
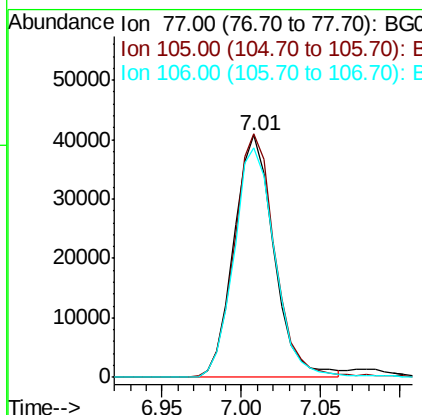
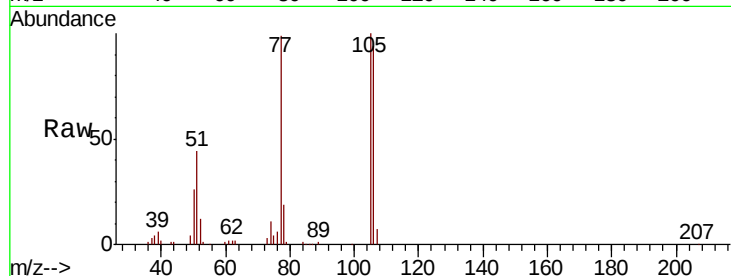
ClientSampled :

PB127067BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	100.5	83.6	123.6		
106	94.5	78.2	118.2		

Manual Integrations
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#10

Phenol

Concen: 40.415 ng

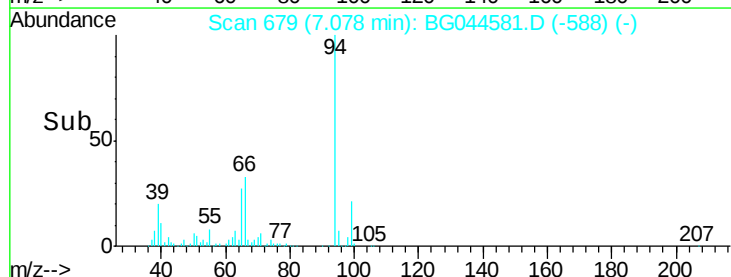
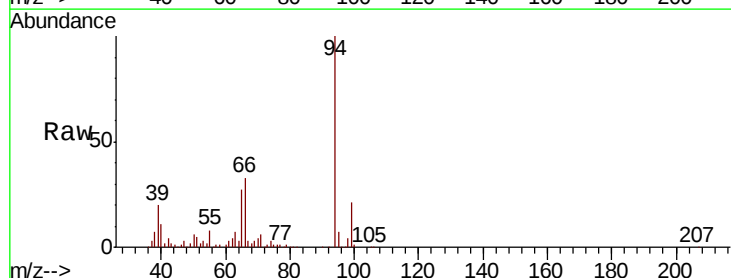
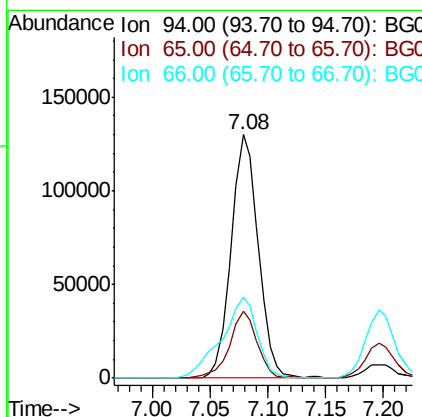
RT: 7.08 min Scan# 679

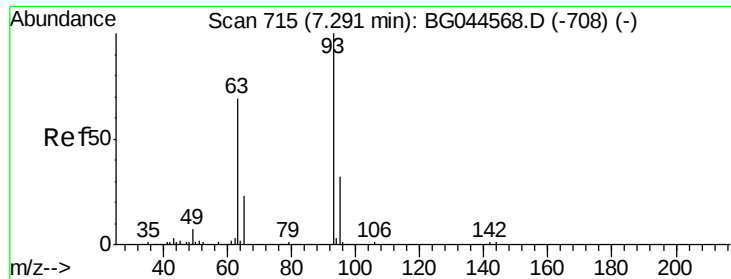
Delta R.T. 0.00 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	27.3	6.4	46.4		
66	33.2	13.9	53.9		





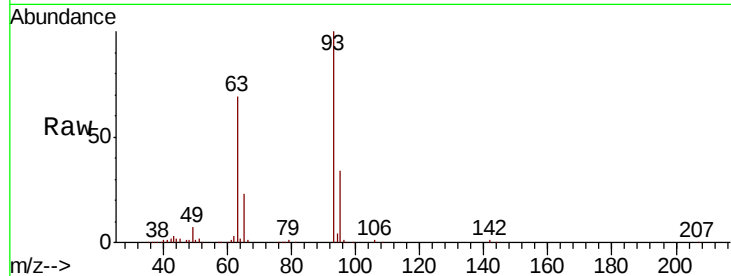
#11
bis(2-Chloroethyl)ether
Concen: 37.067 ng
RT: 7.30 min Scan# 716
Delta R.T. 0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Instrument :
BNA_G
ClientSampleId :
PB127067BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	162960		
63	68.7		48.9	88.9
95	33.9		11.3	51.3

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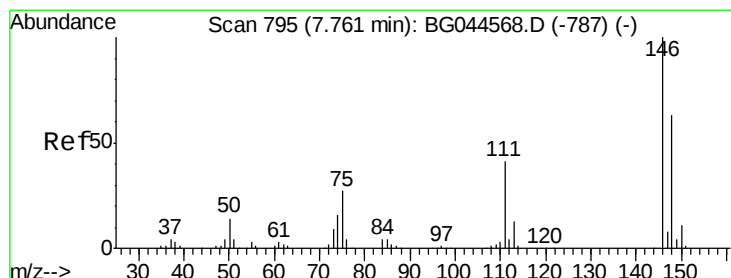
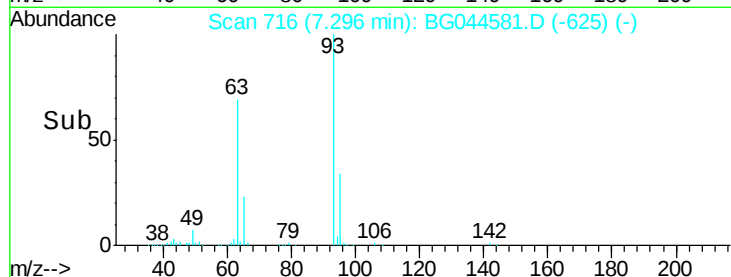
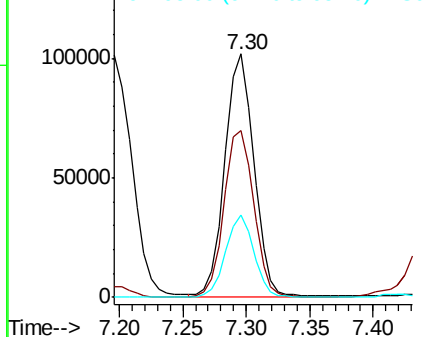


Abundance

Ion 93.00 (92.70 to 93.70): BGC

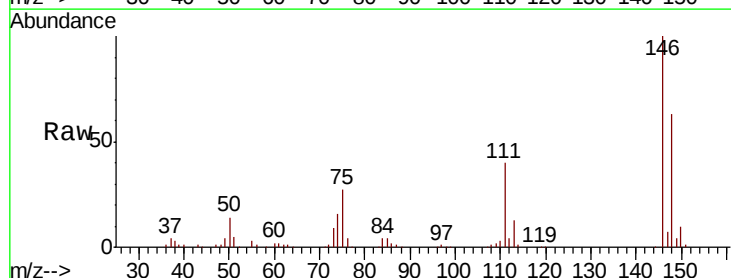
Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12
1,3-Dichlorobenzene
Concen: 36.863 ng
RT: 7.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	189221		
148	62.9		50.6	75.8
75	26.7		21.4	32.0

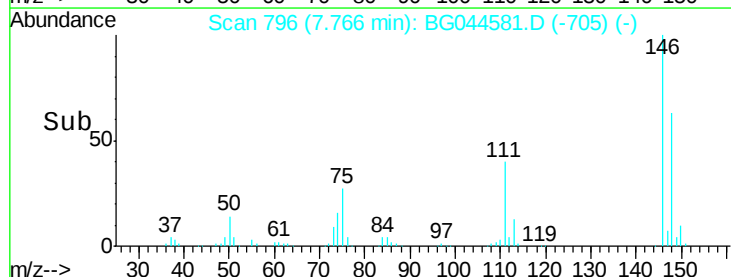
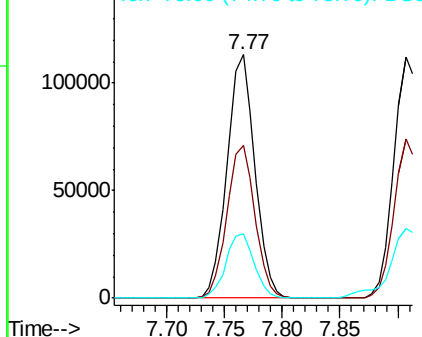


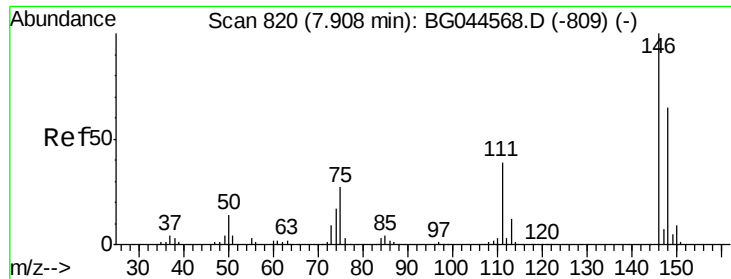
Abundance

Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC





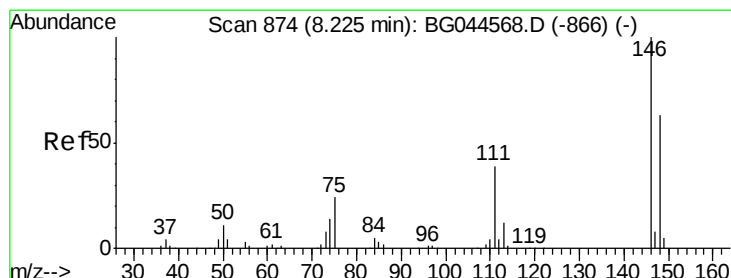
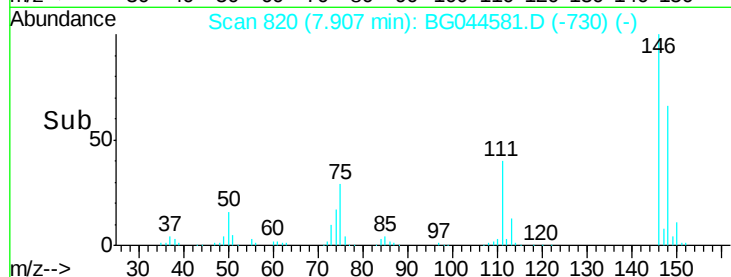
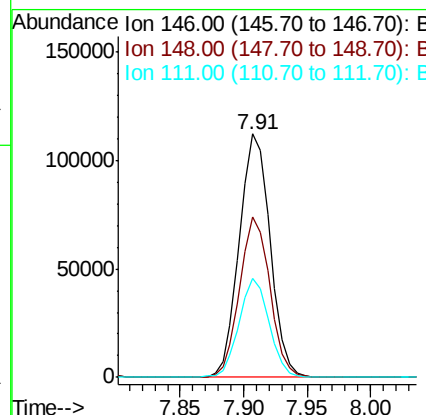
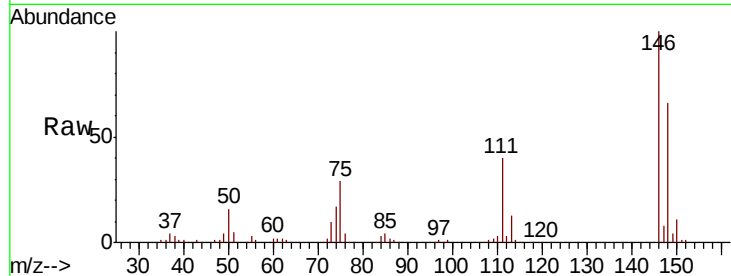
#13
 1,4-Dichlorobenzene
 Concen: 36.659 ng
 RT: 7.91 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG044581.D
 Acq: 25 Feb 2020 17:56

Instrument :
 BNA_G
 ClientSampleID :
 PB127067BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.9	77.9
111	40.4	30.8	46.2

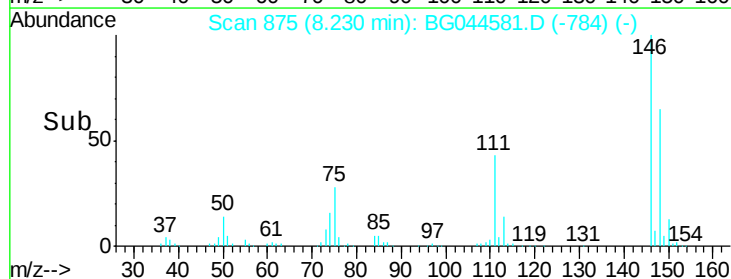
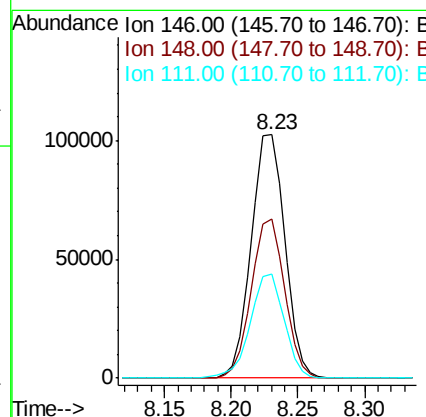
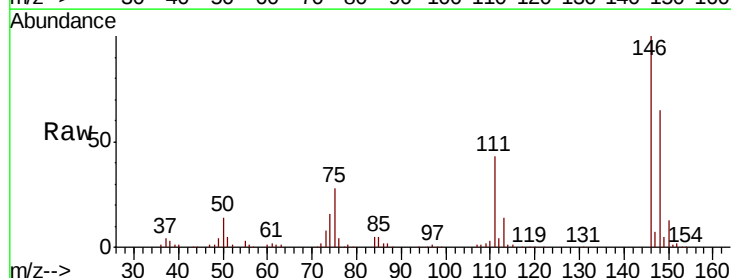
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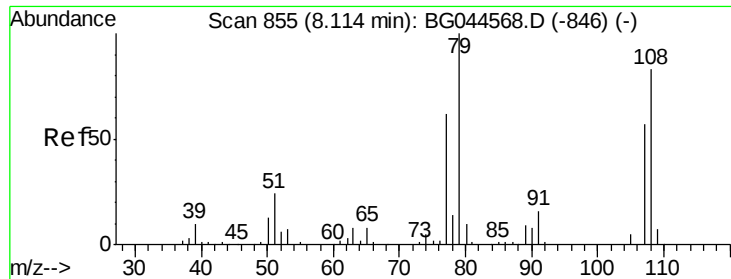
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 36.443 ng
 RT: 8.23 min Scan# 875
 Delta R.T. 0.00 min
 Lab File: BG044581.D
 Acq: 25 Feb 2020 17:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	50.7	76.1
111	42.7	31.8	47.6





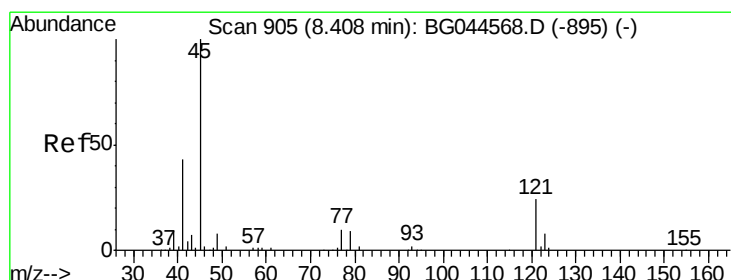
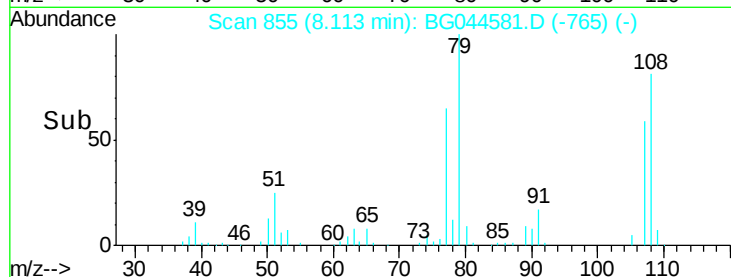
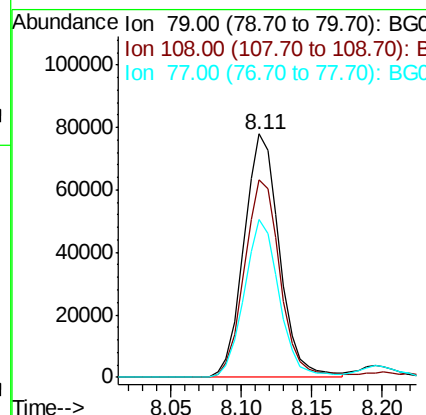
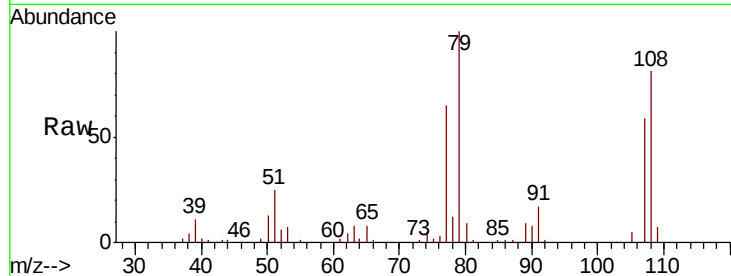
#15
Benzyl Alcohol
Concen: 37.770 ng
RT: 8.11 min Scan# 855
Delta R.T. -0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Instrument :
BNA_G
ClientSampled :
PB127067BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	81.3	66.0	99.0	
77	64.6	49.6	74.4	

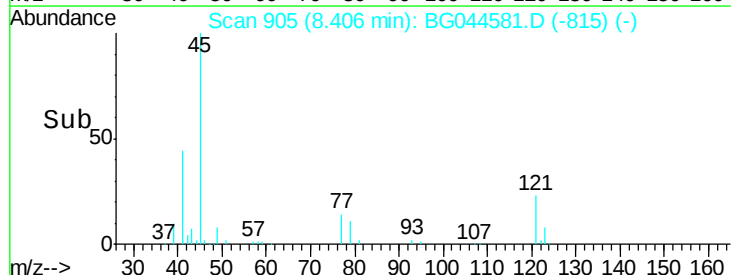
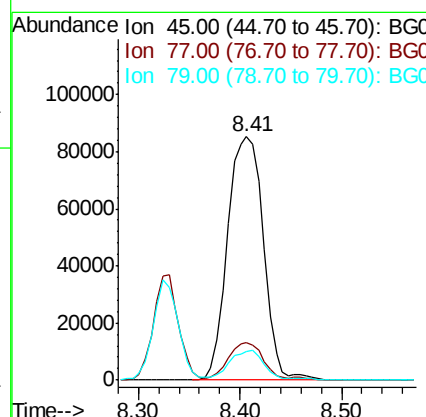
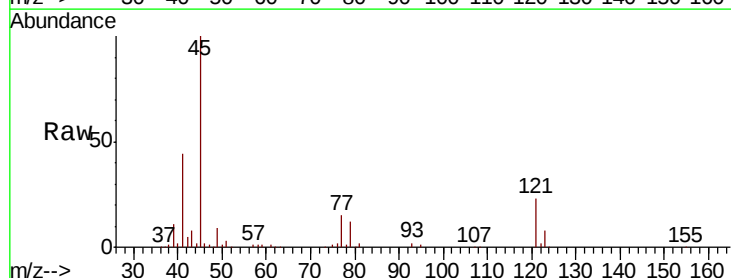
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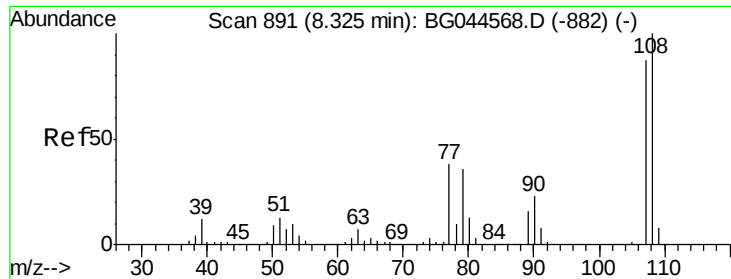
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#16
2,2'-oxybis(1-chloropropane)
Concen: 35.286 ng
RT: 8.41 min Scan# 905
Delta R.T. -0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	15.3	0.0	34.4	
79	11.8	0.0	32.3	





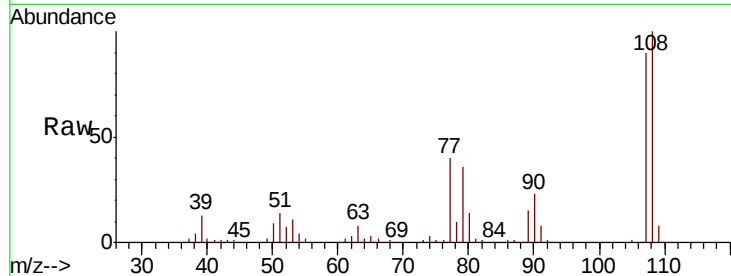
#17
2-Methylphenol
Concen: 38.816 ng
RT: 8.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Instrument :
BNA_G
ClientSampleId :
PB127067BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.4	91.7	137.5	
77	44.8	35.1	52.7	
79	39.6	33.2	49.8	

Manual Integrations
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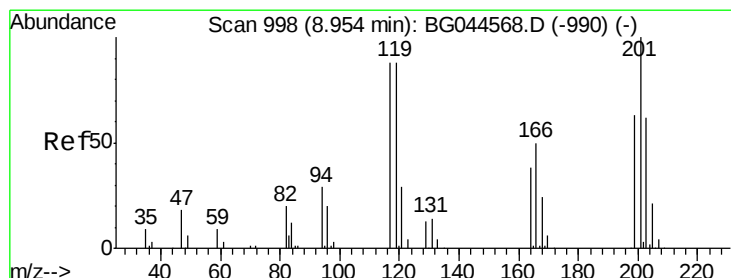
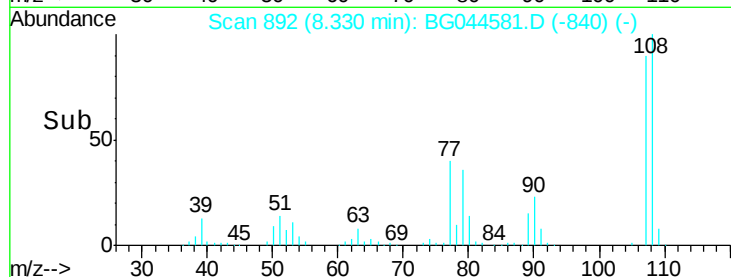
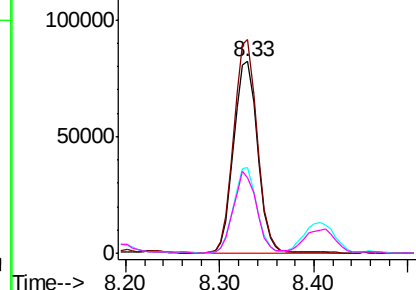
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

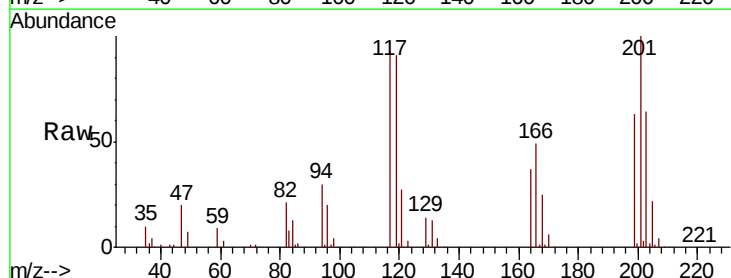
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 36.915 ng
RT: 8.95 min Scan# 998
Delta R.T. -0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.0	80.0	120.0	
201	107.8	90.5	135.7	

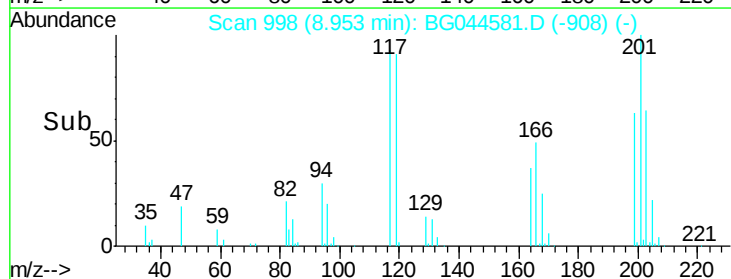
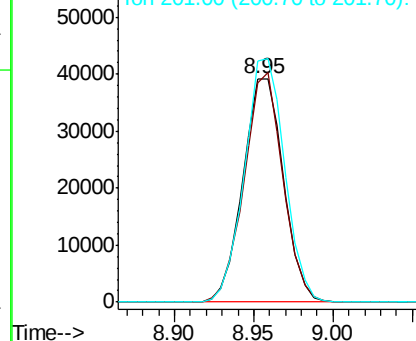


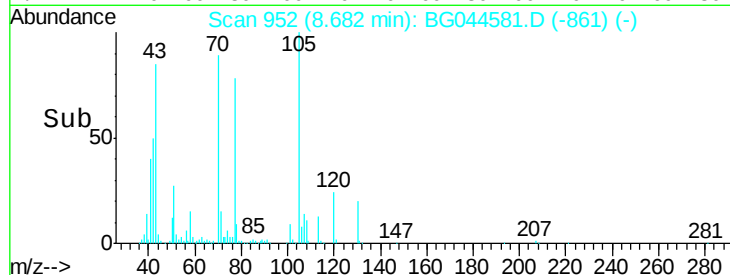
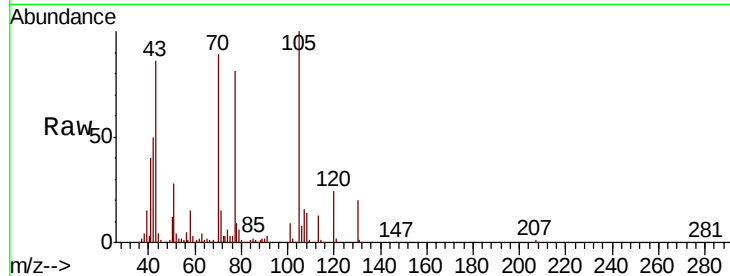
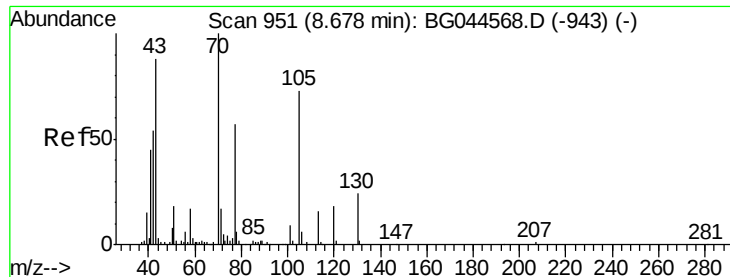
Abundance

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





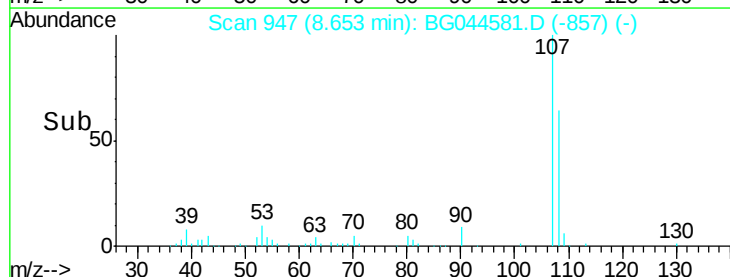
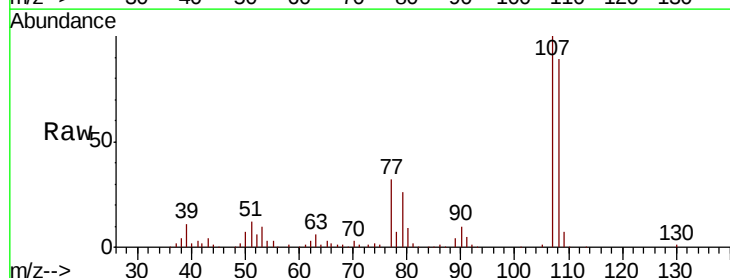
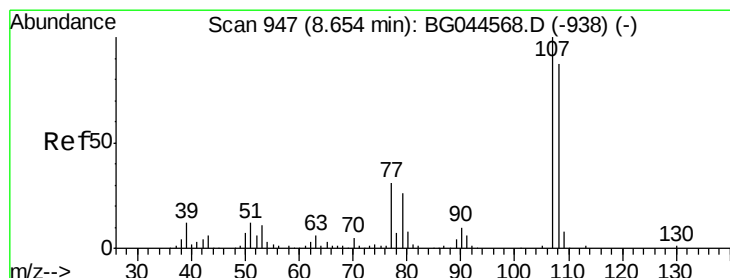
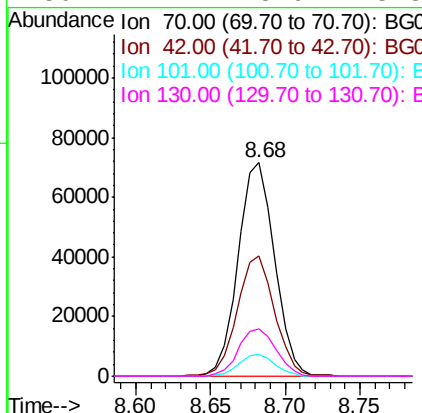
#19
n-Nitroso-di-n-propylamine
Concen: 35.010 ng
RT: 8.68 min Scan# 952
Delta R.T. 0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.4	43.4	65.0	
101	10.2	7.5	11.3	
130	22.4	18.9	28.3	

Instrument :
BNA_G
ClientSampleId :
PB127067BS

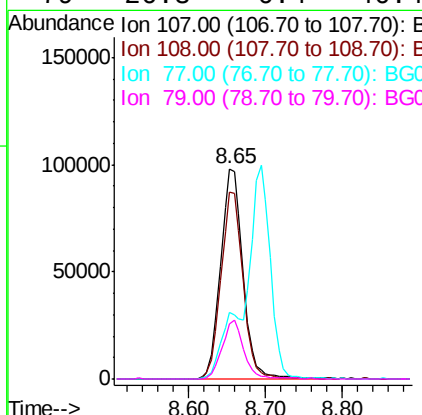
Manual Integrations
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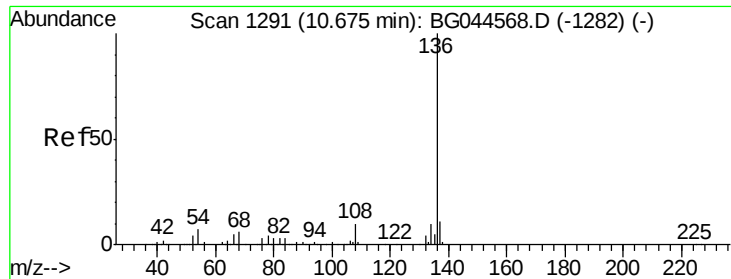
mohammad
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#20
3+4-Methylphenols
Concen: 38.566 ng
RT: 8.65 min Scan# 947
Delta R.T. -0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.0	67.5	107.5	
77	31.6	11.3	51.3	
79	26.3	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: BG044581.D

Acq: 25 Feb 2020 17:56

Instrument :

BNA_G

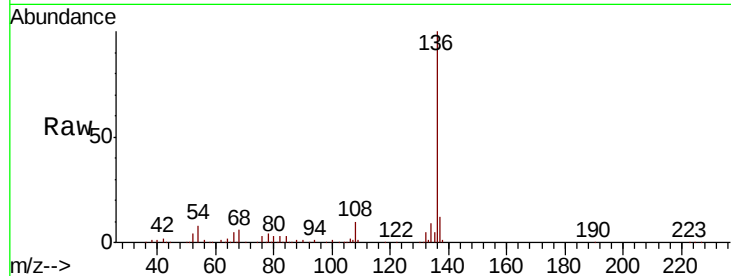
ClientSampleId :

PB127067BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		249378		
137	11.8		8.8	13.2	
54	7.7		5.7	8.5	
68	5.6		4.5	6.7	

Manual Integrations
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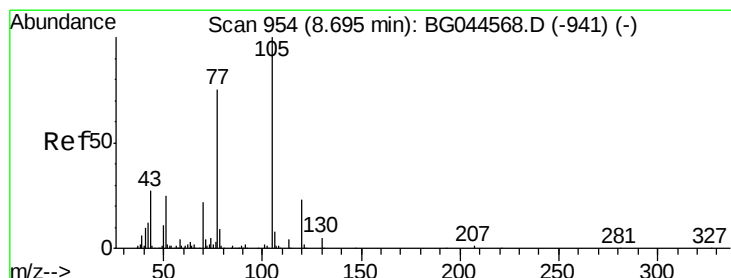
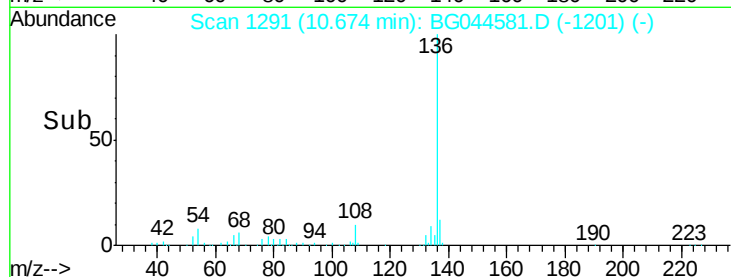
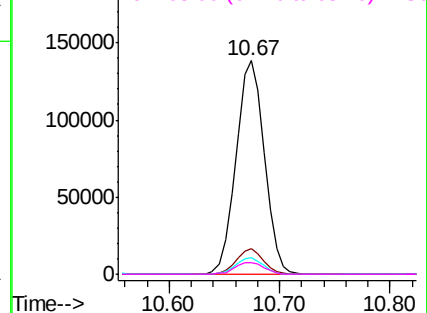
Abundance

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: 37.358 ng

RT: 8.69 min Scan# 954

Delta R.T. -0.00 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		233900		
71	4.4		2.8	4.2#	
51	25.8		19.9	29.9	
120	24.1		18.6	28.0	

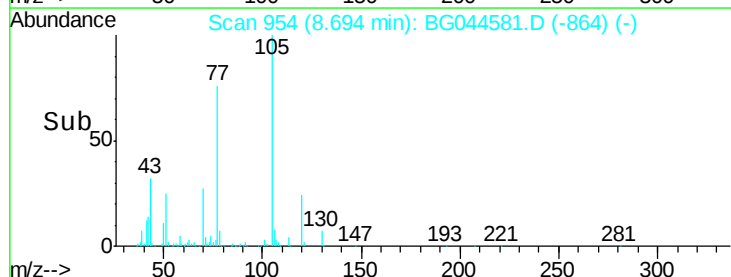
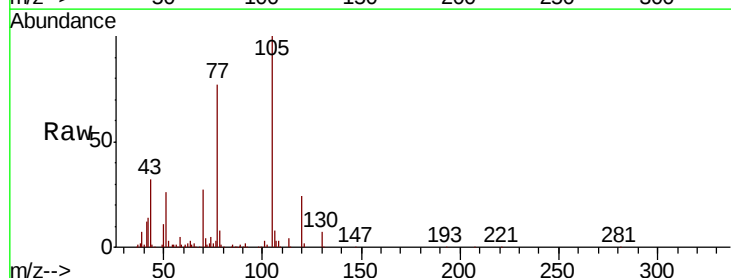
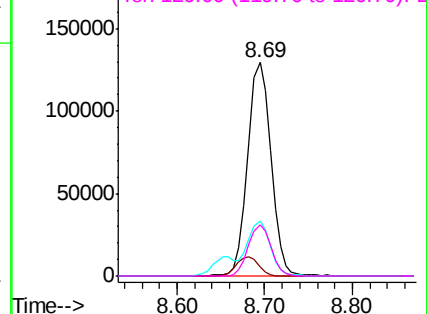
Abundance

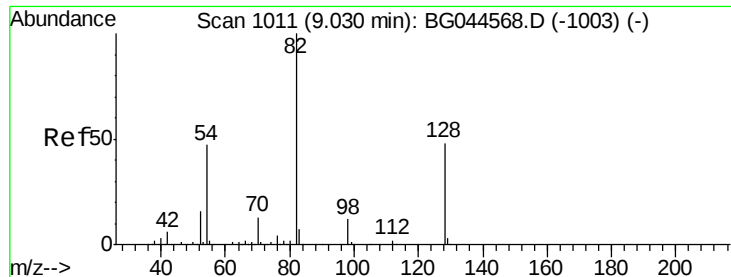
Ion 105.00 (104.70 to 105.70): E

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





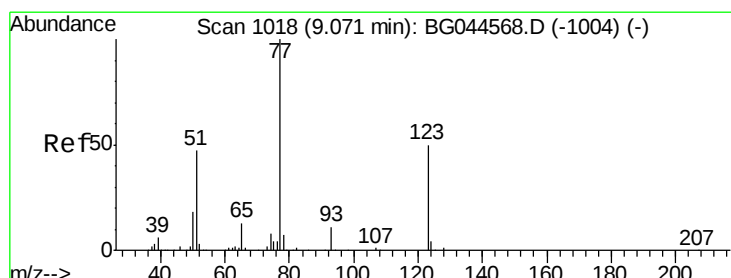
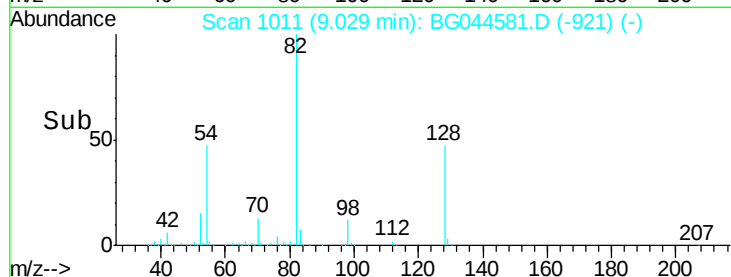
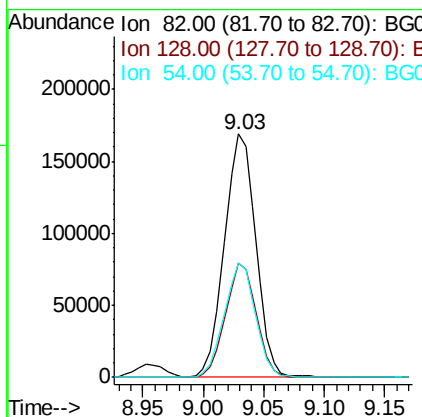
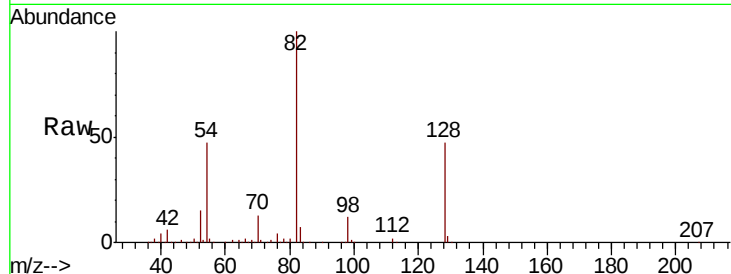
#23
Nitrobenzene-d5
Concen: 62.802 ng
RT: 9.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Instrument :
BNA_G
ClientSampleId :
PB127067BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	303997		
128	46.8	38.1	57.1	
54	47.0	37.5	56.3	

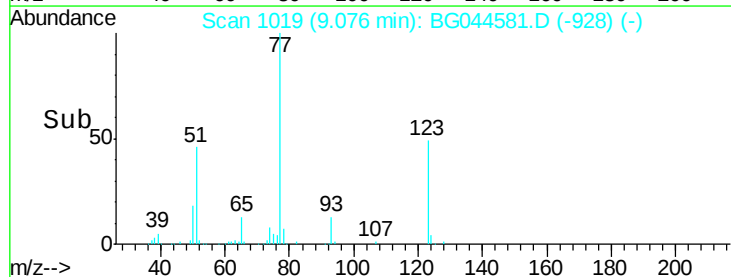
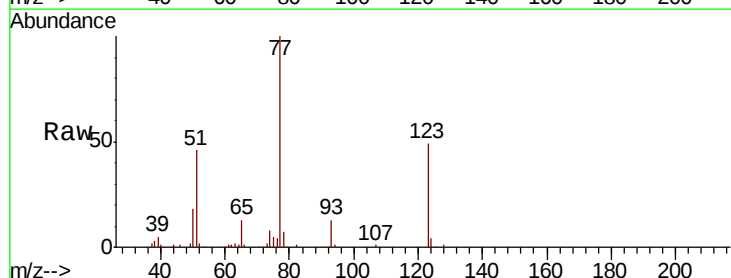
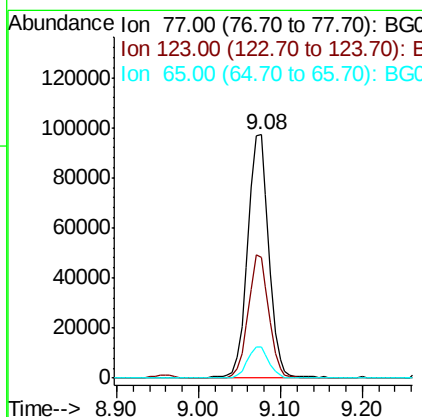
Manual Integrations
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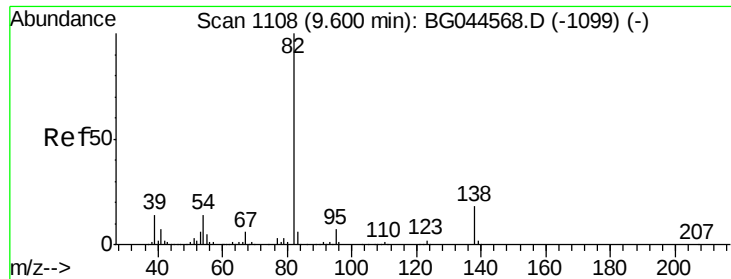
mohammad
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#24
Nitrobenzene
Concen: 37.449 ng
RT: 9.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	175621		
123	49.5	40.1	60.1	
65	12.9	10.4	15.6	





#25

Isophorone

Concen: 36.952 ng

RT: 9.60 min Scan# 1108

Delta R.T. -0.00 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

Instrument :

BNA_G

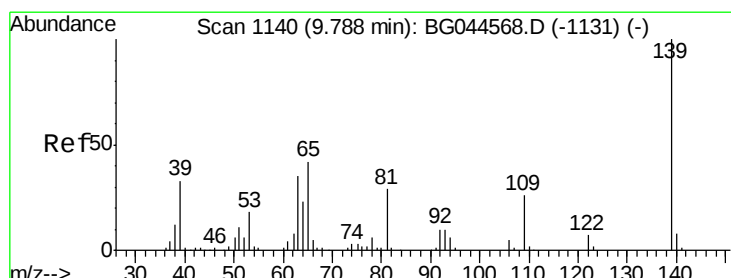
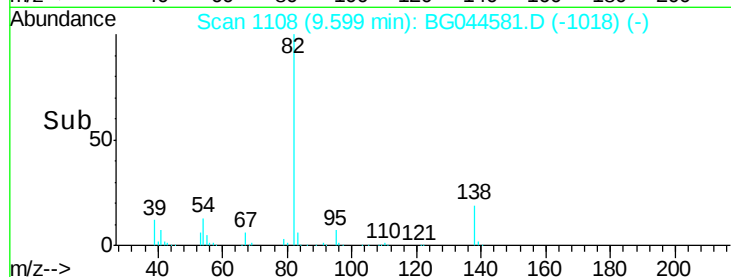
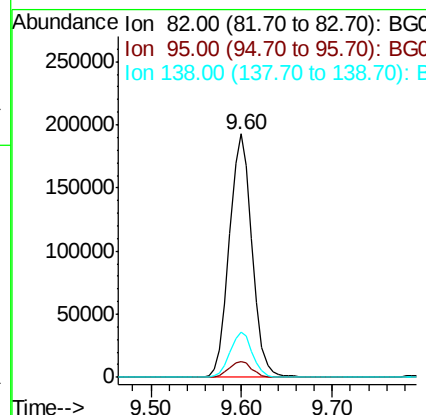
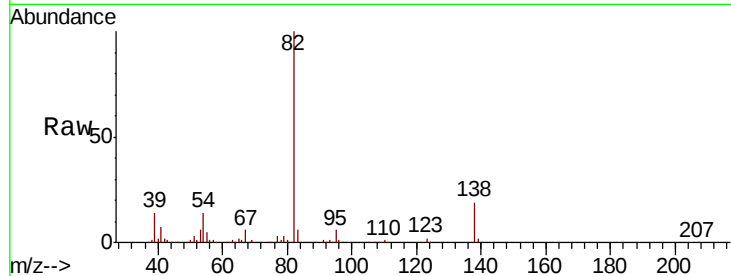
ClientSampleId :

PB127067BS

Tot Ion:	82	Resp:	334615
Ion	Ratio	Lower	Upper
82	100		
95	6.5	5.6	8.4
138	18.7	14.7	22.1

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#26

2-Nitrophenol

Concen: 38.535 ng

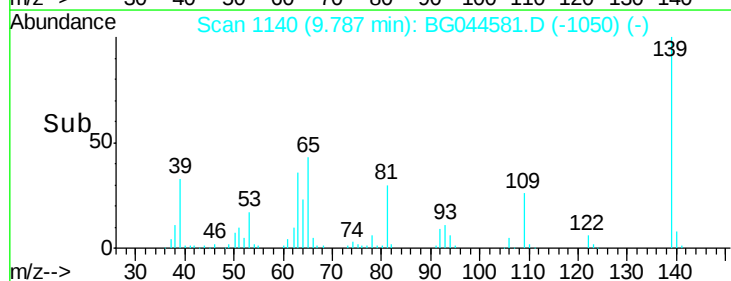
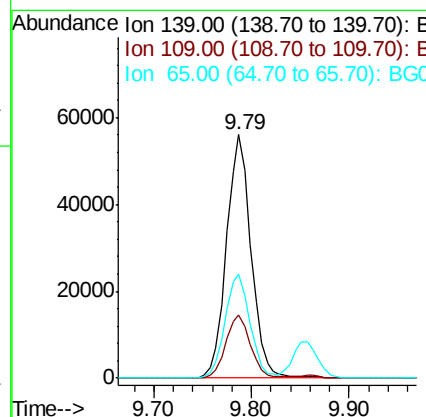
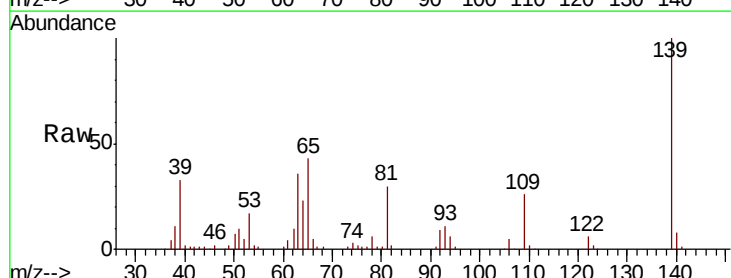
RT: 9.79 min Scan# 1140

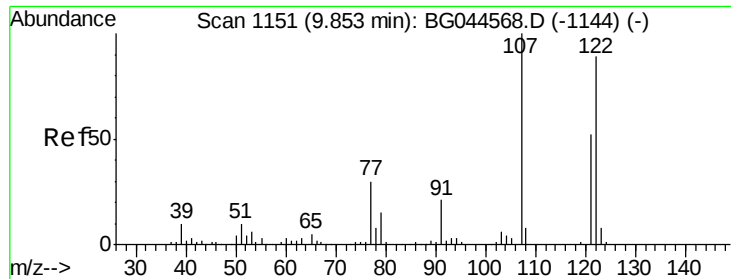
Delta R.T. -0.00 min

Lab File: BG044581.D

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Tgt Ion:	139	Resp:	98006
Ion	Ratio	Lower	Upper
139	100		
109	25.8	20.6	31.0
65	42.6	33.3	49.9





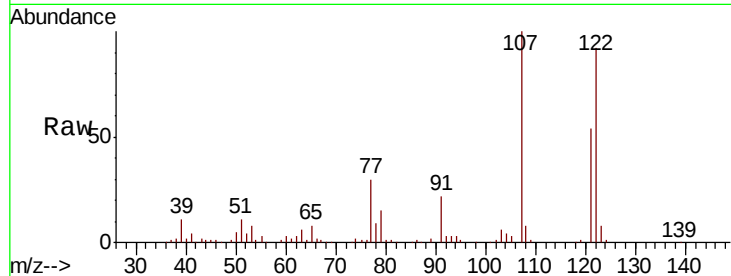
#27
2,4-Dimethylphenol
Concen: 44.869 ng
RT: 9.86 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Instrument :
BNA_G
ClientSampleId :
PB127067BS

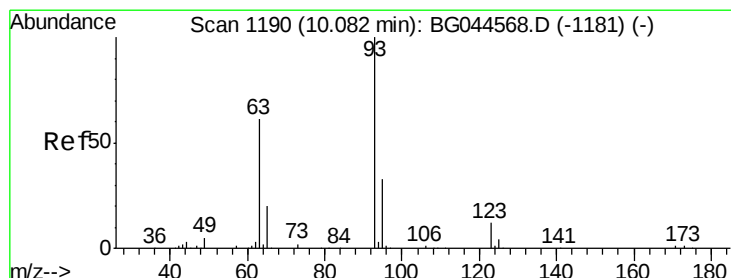
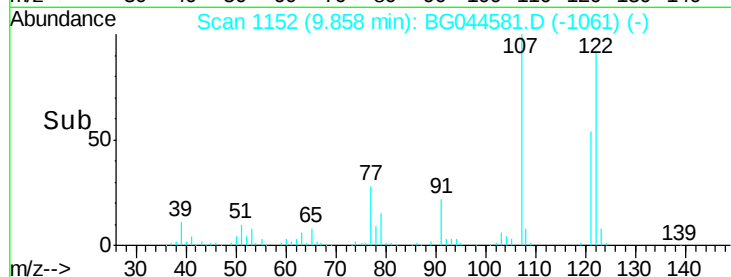
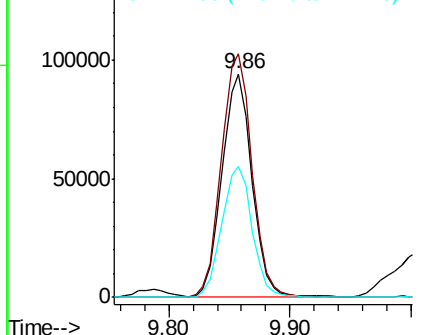
Tot Ion	Ratio	Lower	Upper
122	100		
107	109.0	89.4	134.0
121	58.7	46.5	69.7

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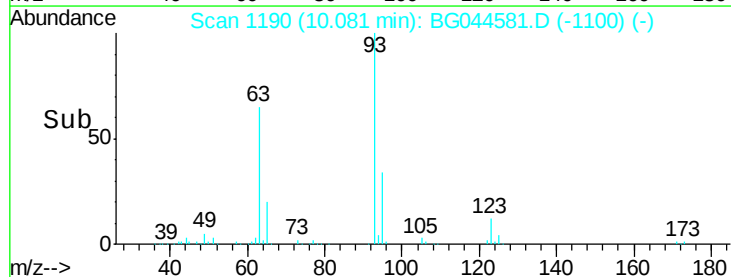
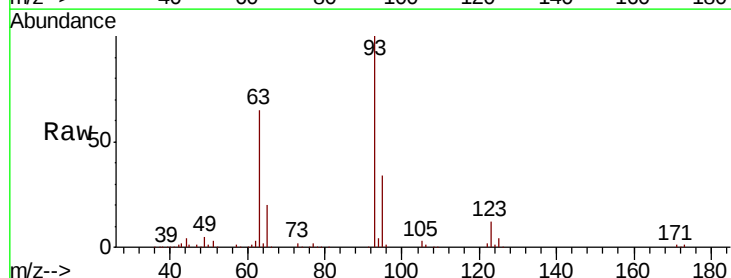
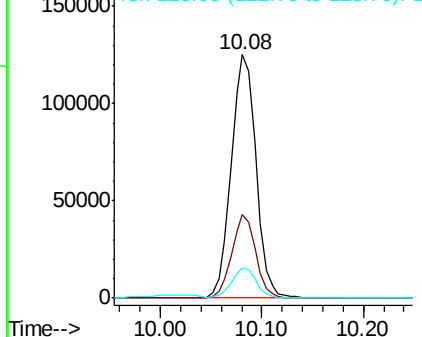
Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

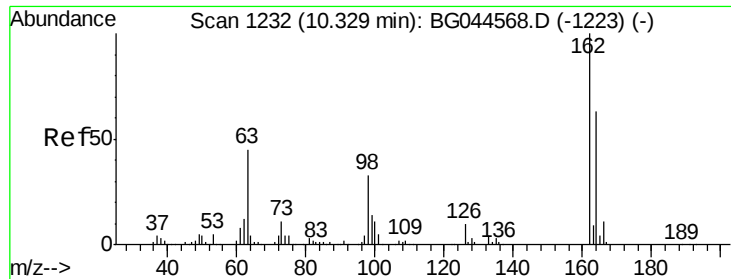


#28
bis(2-Chloroethoxy)methane
Concen: 35.426 ng
RT: 10.08 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.1	26.5	39.7
123	12.4	9.7	14.5

Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E





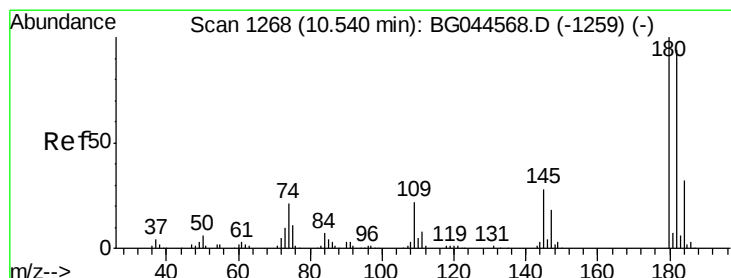
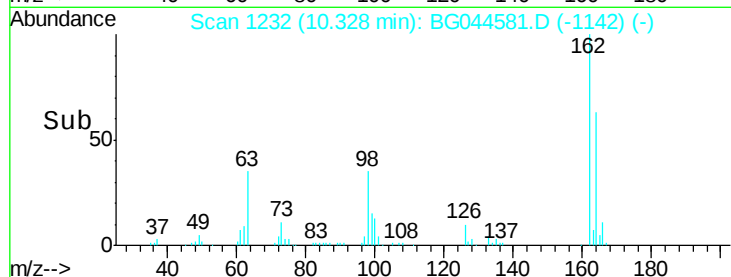
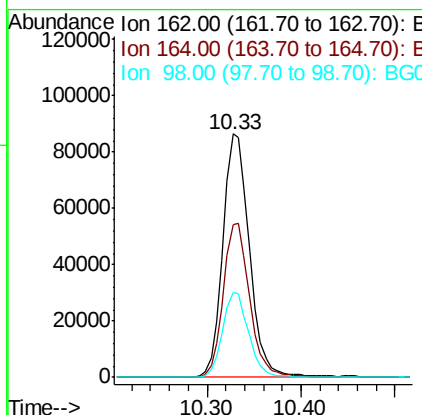
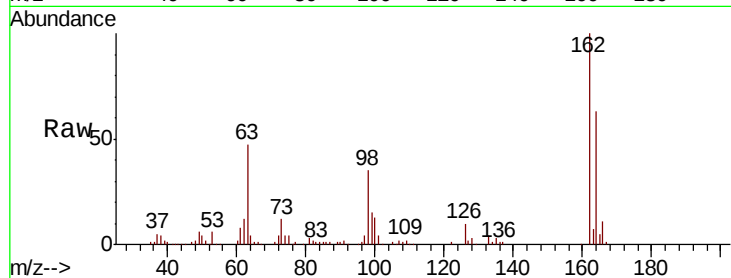
#29
 2,4-Dichlorophenol
 Concen: 39.726 ng
 RT: 10.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BG044581.D
 Acq: 25 Feb 2020 17:56

Instrument :
 BNA_G
 ClientSampleId :
 PB127067BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	169602		
164	62.8	43.2	83.2	
98	35.0	13.2	53.2	

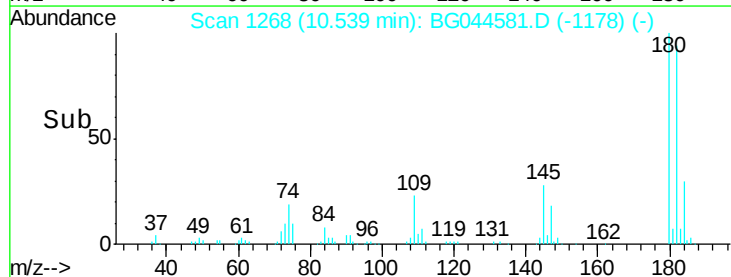
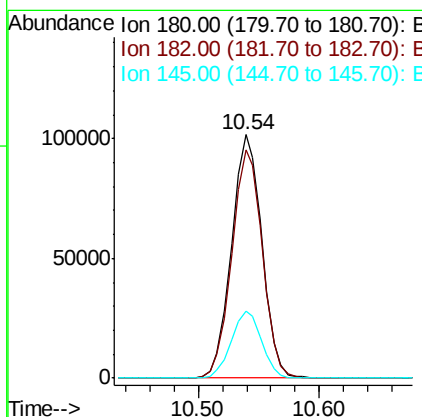
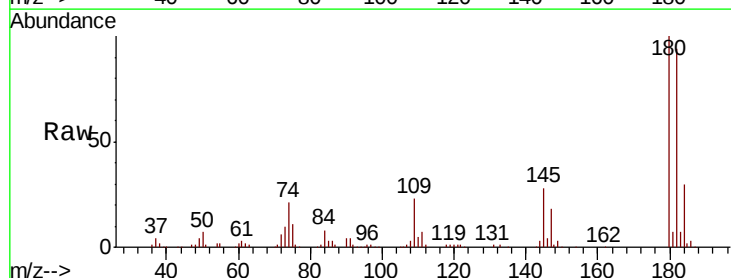
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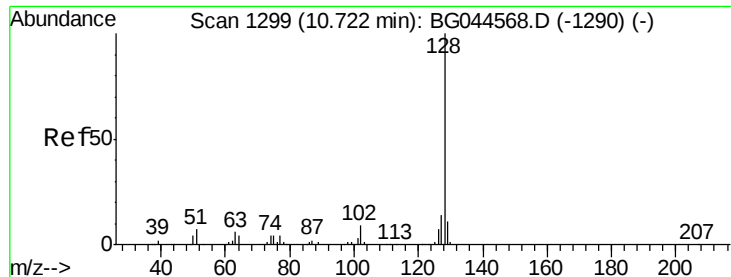
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#30
 1,2,4-Trichlorobenzene
 Concen: 35.895 ng
 RT: 10.54 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BG044581.D
 Acq: 25 Feb 2020 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	177232		
182	93.8	75.6	113.4	
145	27.6	22.2	33.2	





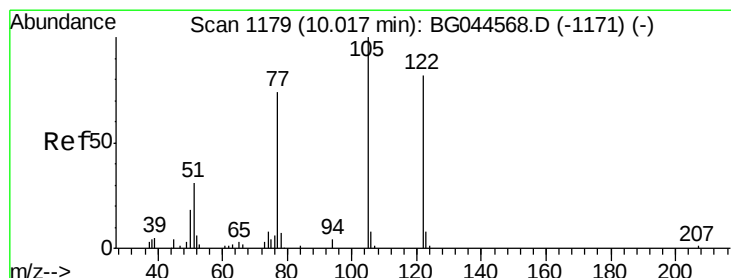
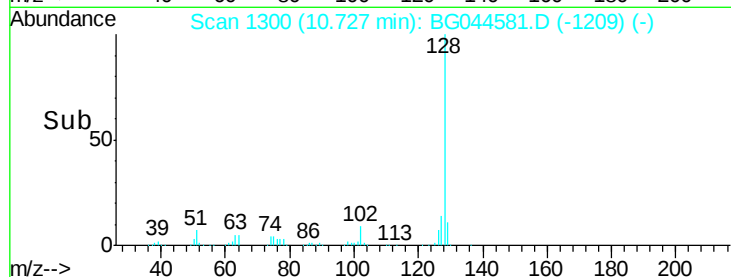
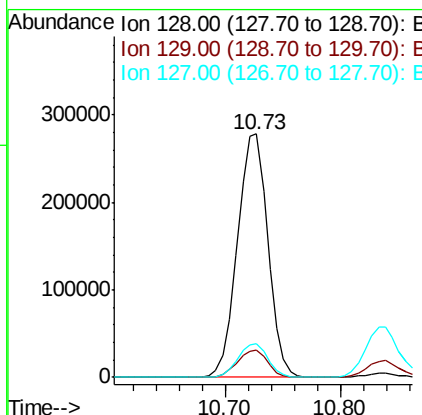
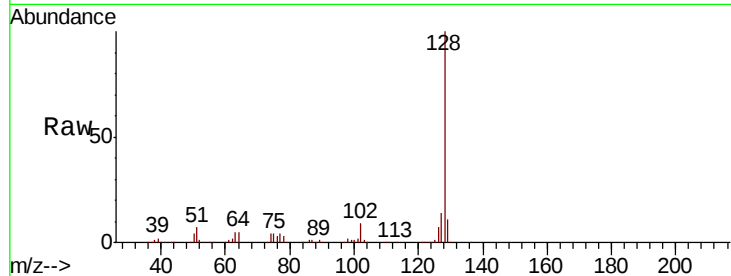
#31
Naphthalene
Concen: 37.410 ng
RT: 10.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Instrument :
BNA_G
ClientSampleId :
PB127067BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.7	11.0	16.4

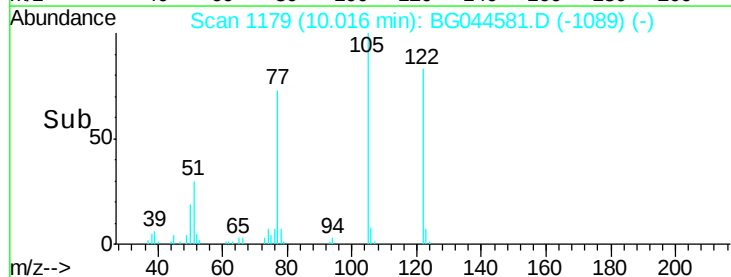
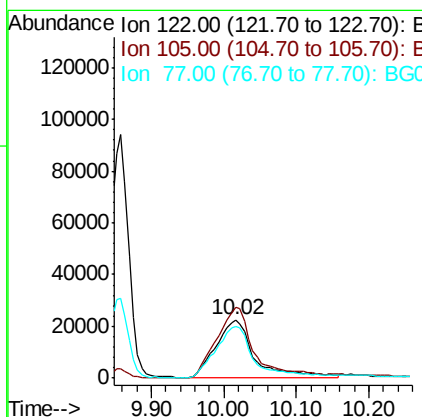
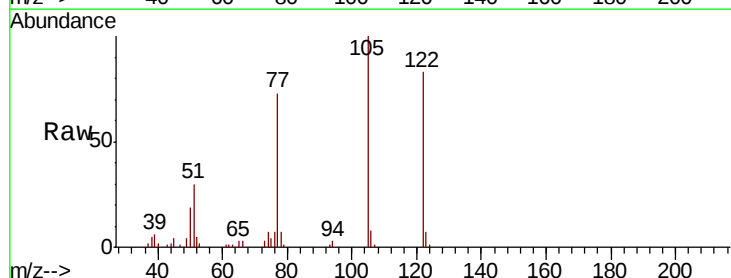
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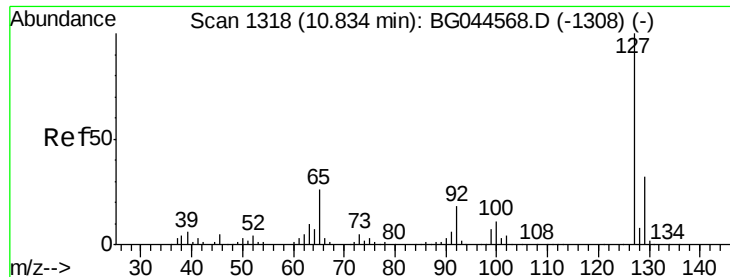
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#32
Benzoic acid
Concen: 54.826 ng
RT: 10.02 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.7	101.4	141.4
77	88.5	69.8	109.8





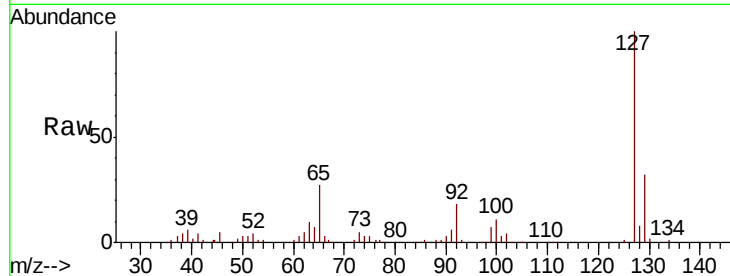
#33
4-Chloroaniline
Concen: 20.551 ng
RT: 10.84 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Instrument :
BNA_G
ClientSampleId :
PB127067BS

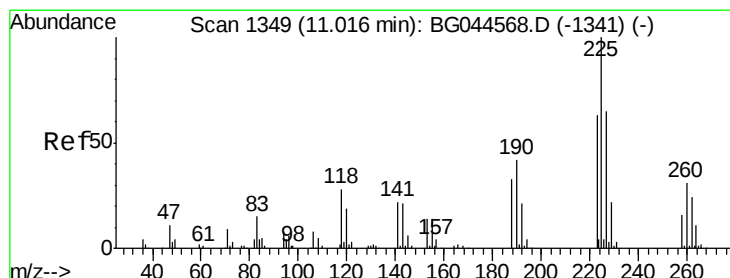
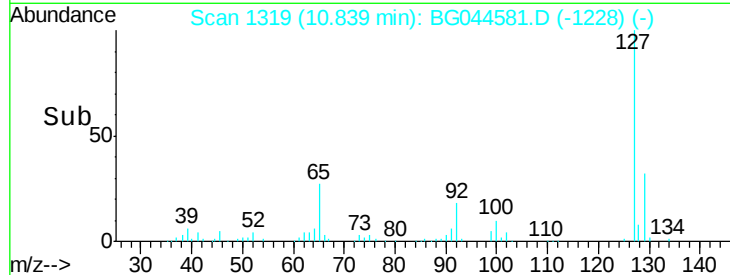
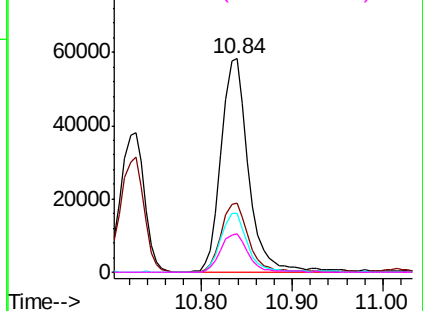
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	27.5	20.7	31.1
92	17.8	14.2	21.2

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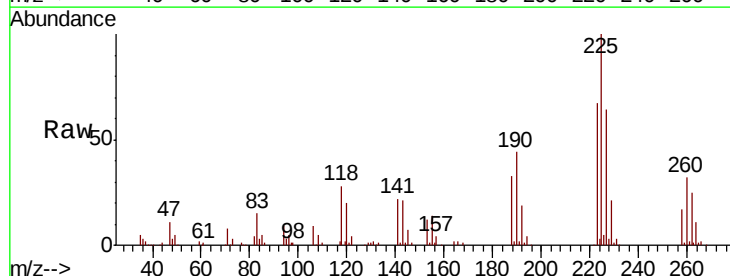


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

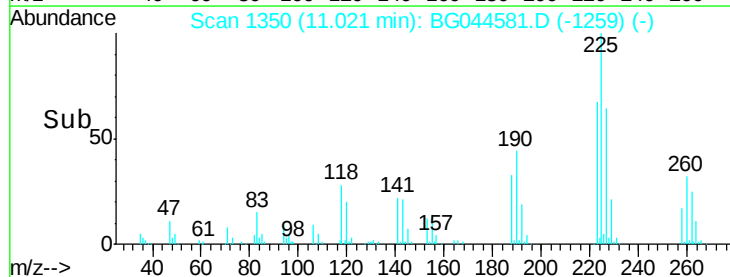
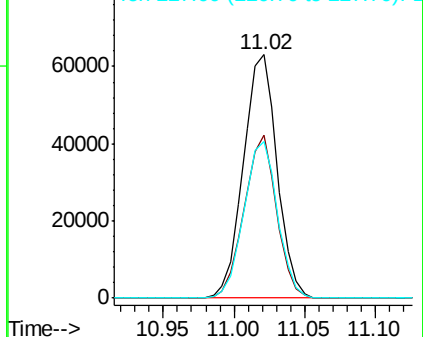


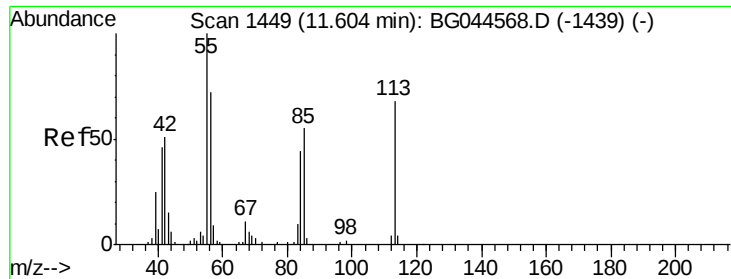
#34
Hexachlorobutadiene
Concen: 34.077 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.9	50.6	76.0
227	64.2	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





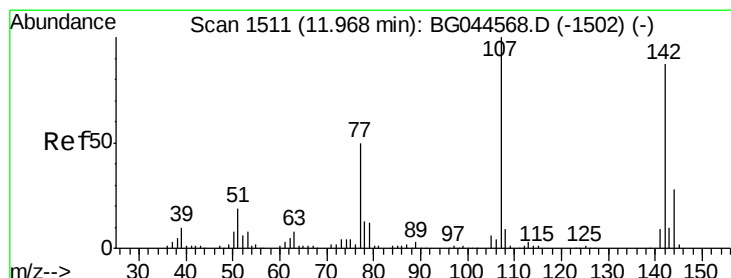
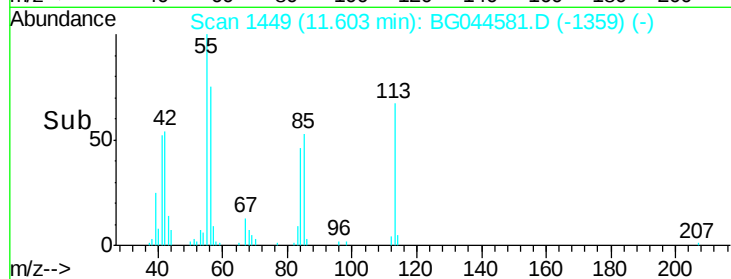
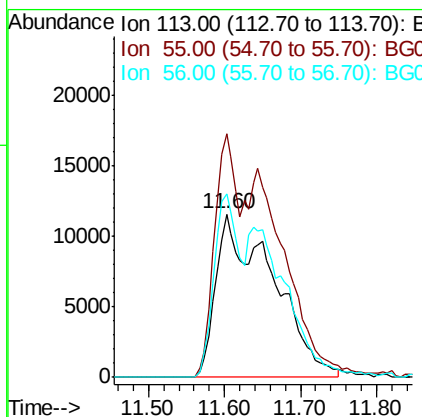
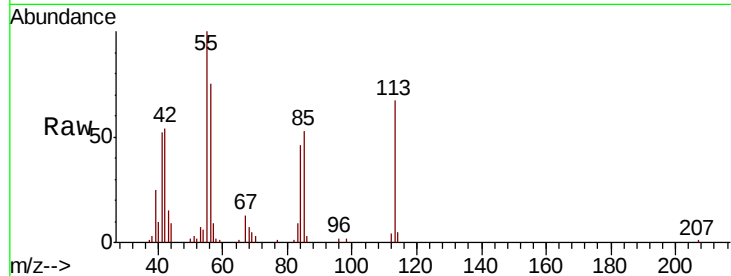
#35
 Caprolactam
 Concen: 39.368 ng/ml
 RT: 11.60 min Scan# 1449
 Delta R.T. -0.00 min
 Lab File: BG044581.D
 Acq: 25 Feb 2020 17:56

Instrument :
 BNA_G
 ClientSampleId :
 PB127067BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	148.9	127.8	167.8
56	112.2	86.9	126.9

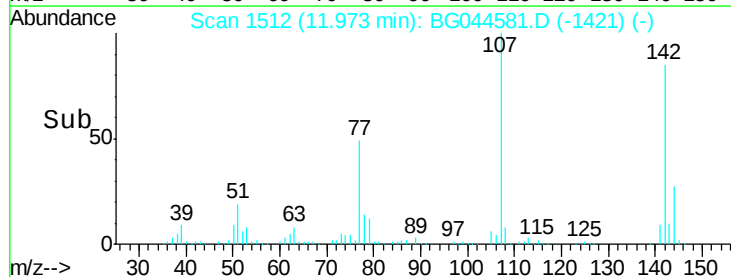
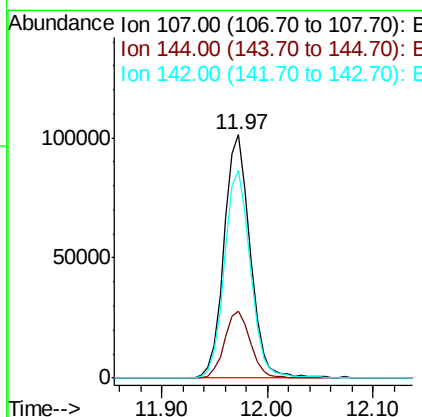
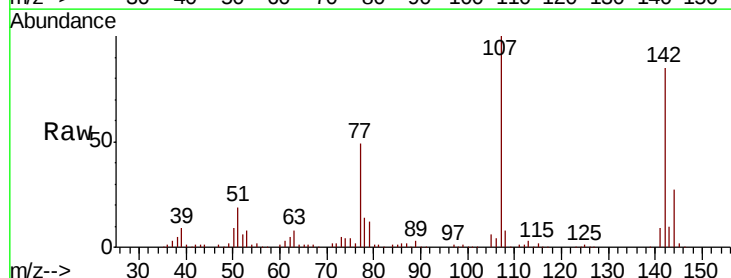
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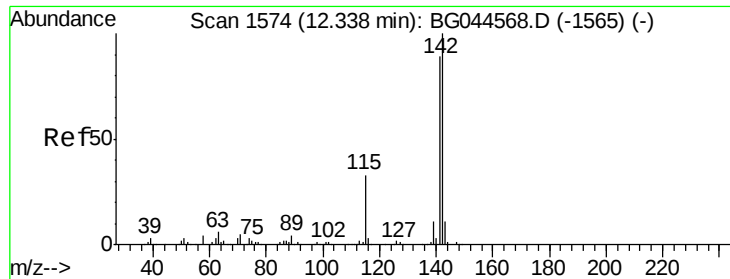
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#36
 4-Chloro-3-methylphenol
 Concen: 39.565 ng/ml
 RT: 11.97 min Scan# 1512
 Delta R.T. 0.00 min
 Lab File: BG044581.D
 Acq: 25 Feb 2020 17:56

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.3	22.3	33.5
142	85.2	69.3	103.9





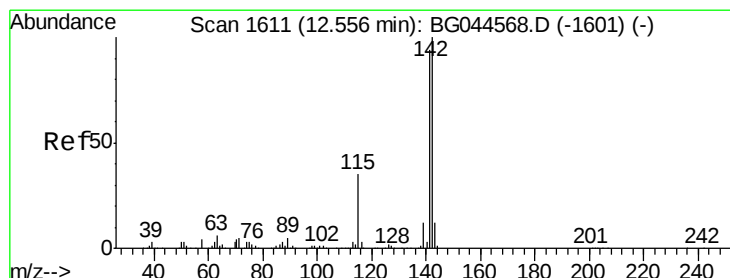
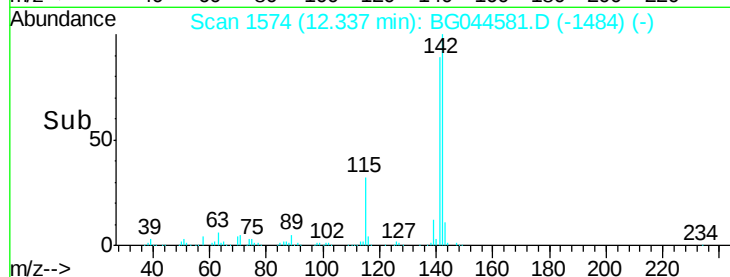
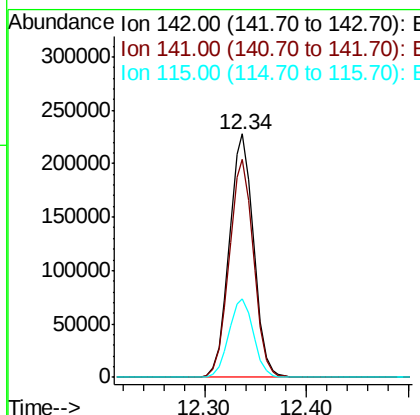
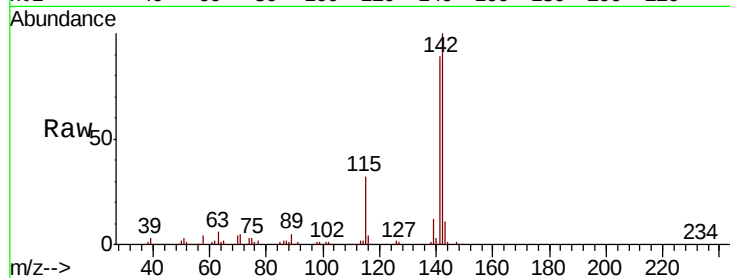
#37
2-Methylnaphthalene
Concen: 37.565 ng
RT: 12.34 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Instrument :
BNA_G
ClientSampleId :
PB127067BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.3	106.9
115	32.1	26.2	39.2

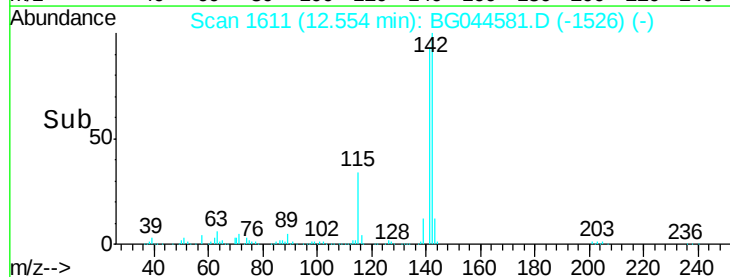
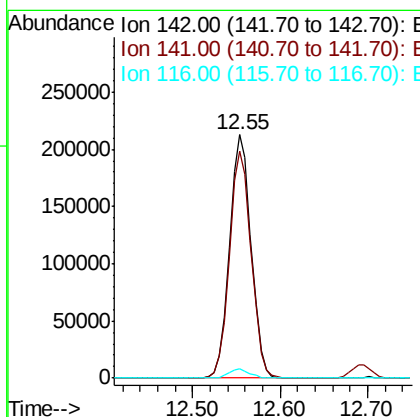
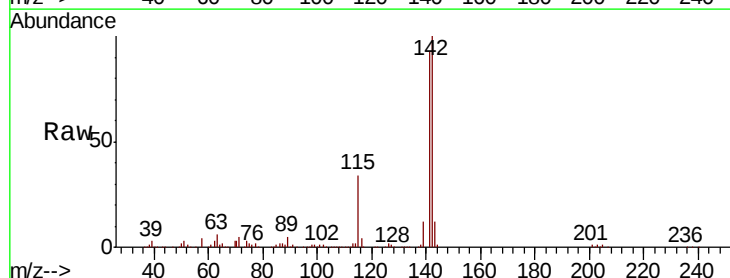
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#38
1-Methylnaphthalene
Concen: 37.162 ng
RT: 12.55 min Scan# 1611
Delta R.T. -0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	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: BG044581.D

Acq: 25 Feb 2020 17:56

Instrument :

BNA_G

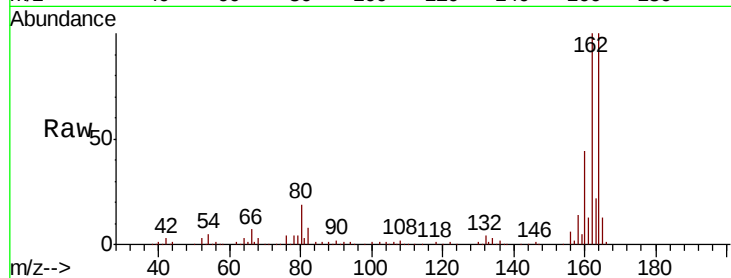
ClientSampleId :

PB127067BS

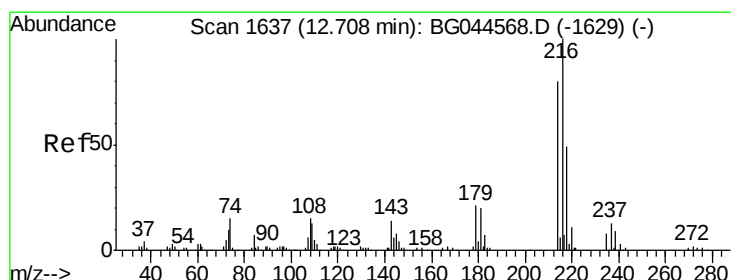
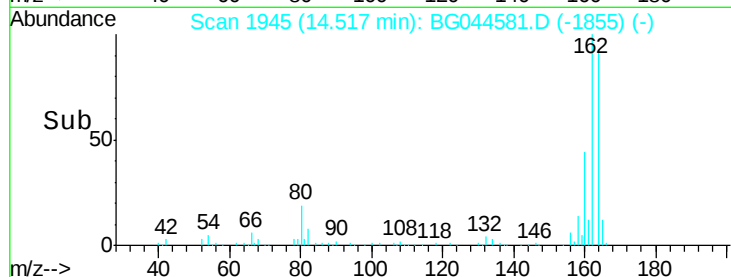
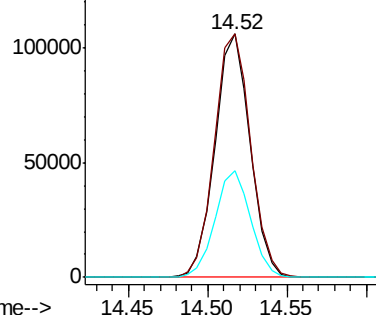
Tot Ion	Ratio	Lower	Upper
164	100		
162	99.8	83.6	125.4
160	43.9	36.2	54.4

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 34.816 ng

RT: 12.71 min Scan# 1638

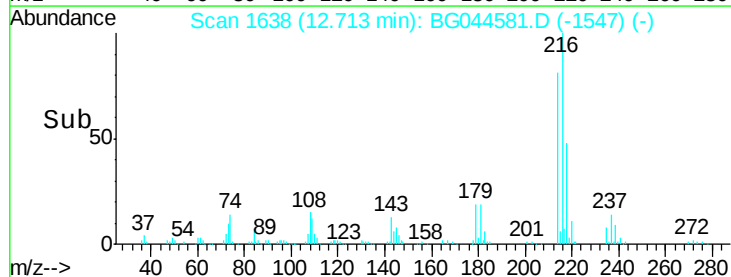
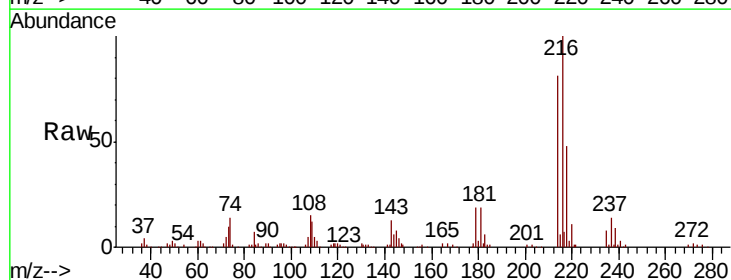
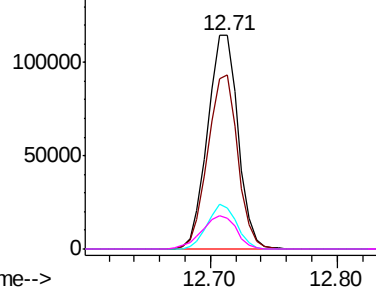
Delta R.T. 0.00 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.3	94.9
179	20.1	16.2	24.2
108	17.6	12.6	18.8

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 65.731 ng

RT: 12.70 min Scan# 1635

Delta R.T. 0.01 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

Instrument :

BNA_G

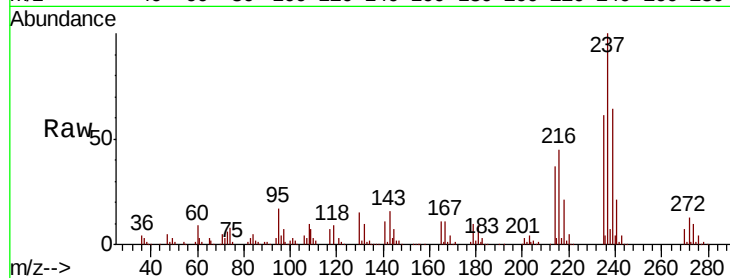
ClientSampleId :

PB127067BS

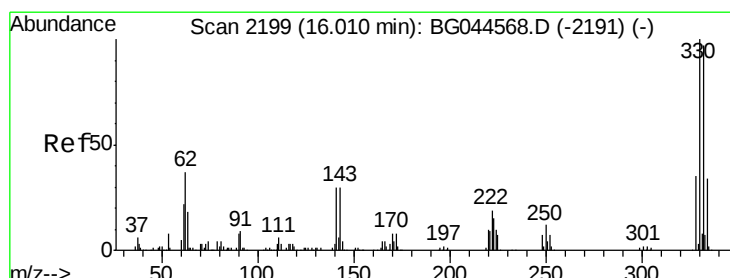
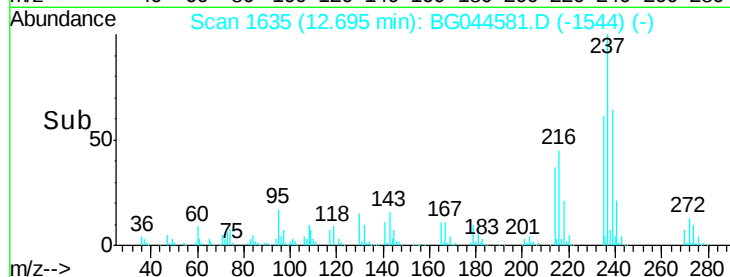
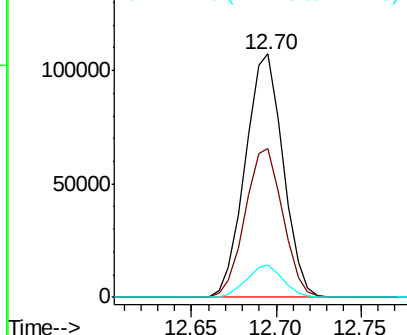
Tot Ion	Ratio	Resp	Lower	Upper
237	100	167345		
235	61.3	40.7	80.7	
272	13.3	0.0	32.7	

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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: 106.014 ng

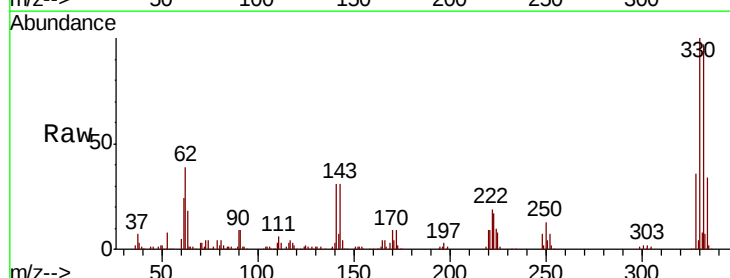
RT: 16.01 min Scan# 2199

Delta R.T. -0.00 min

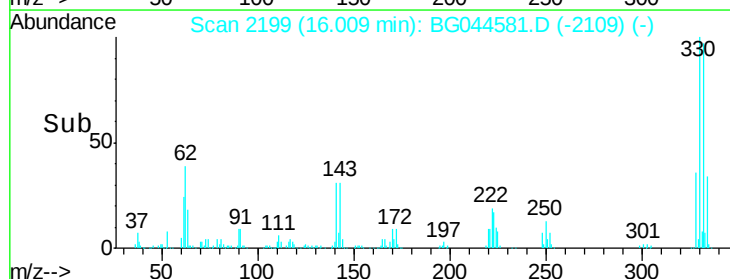
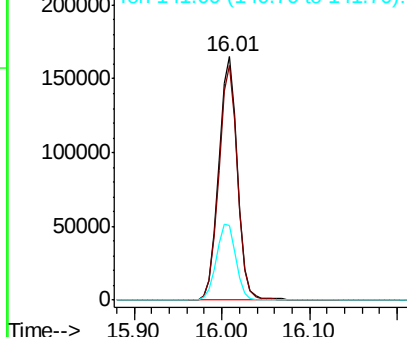
Lab File: BG044581.D

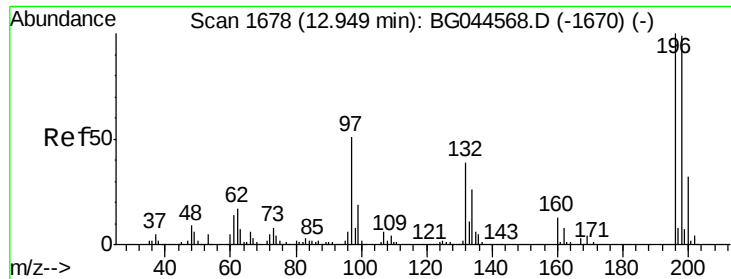
Acq: 25 Feb 2020 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	244907		
332	96.0	77.4	116.0	
141	32.7	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





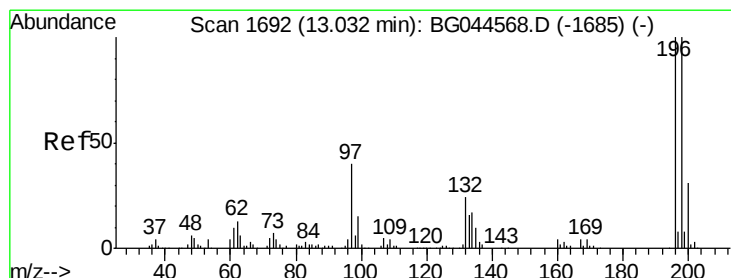
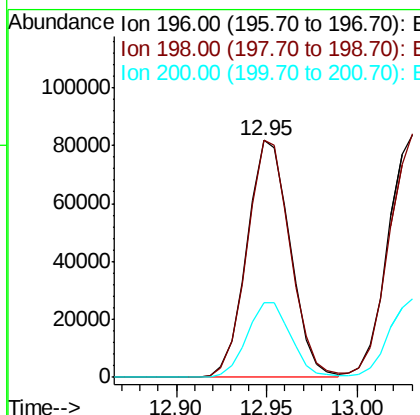
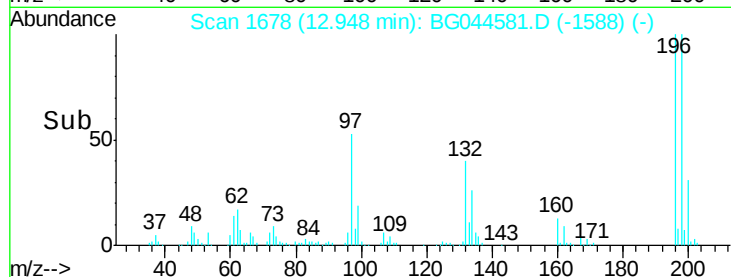
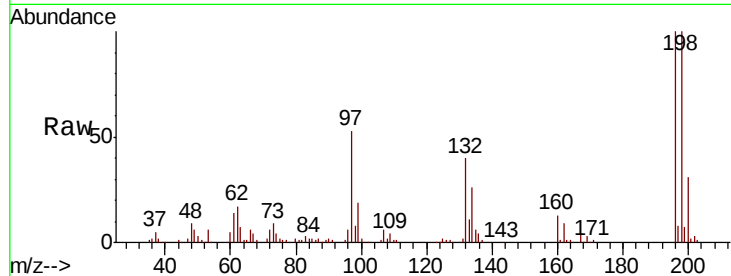
#43
 2,4,6-Trichlorophenol
 Concen: 38.008 ng
 RT: 12.95 min Scan# 1678
 Delta R.T. -0.00 min
 Lab File: BG044581.D
 Acq: 25 Feb 2020 17:56

Instrument :
 BNA_G
 ClientSampled :
 PB127067BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	135360		
198	100.0	79.2	118.8	
200	31.5	25.7	38.5	

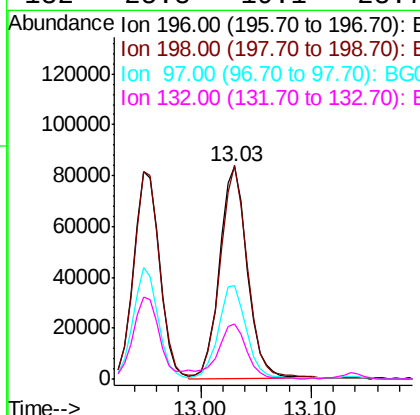
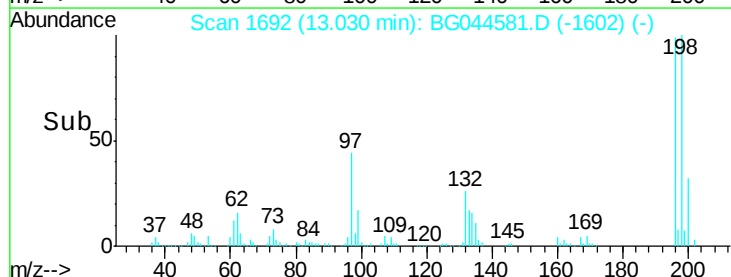
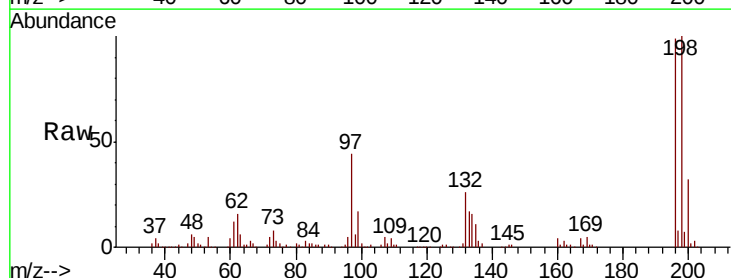
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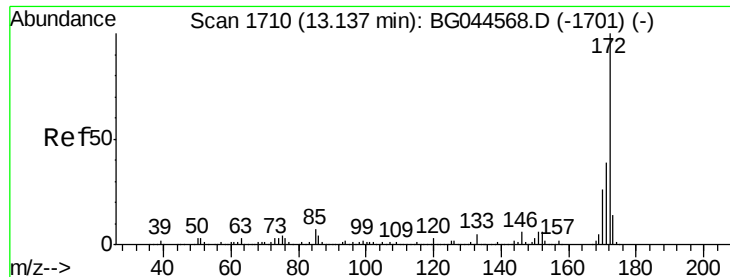
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#44
 2,4,5-Trichlorophenol
 Concen: 40.052 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: BG044581.D
 Acq: 25 Feb 2020 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	146527		
198	100.7	79.3	118.9	
97	44.0	32.3	48.5	
132	25.8	19.1	28.7	





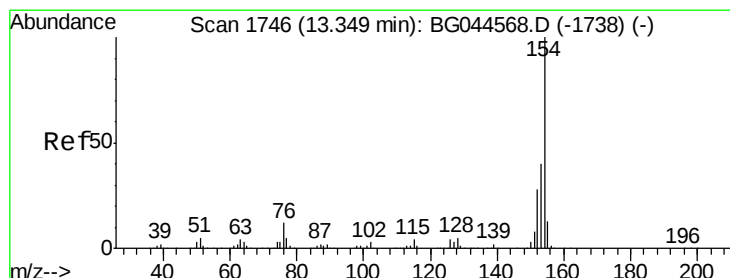
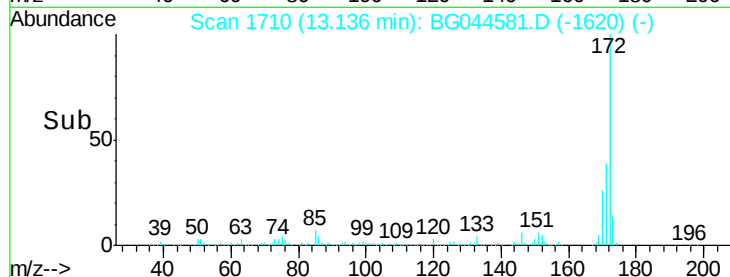
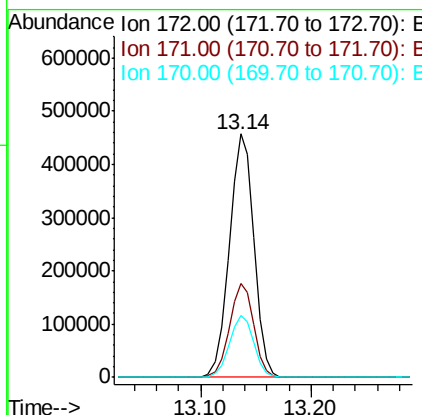
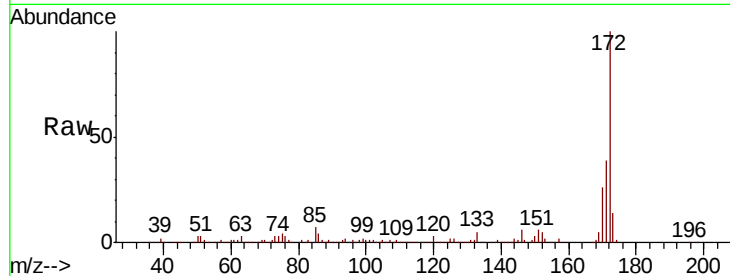
#45
2-Fluorobiphenyl
Concen: 62.499 ng
RT: 13.14 min Scan# 1710
Delta R.T. -0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Instrument :
BNA_G
ClientSampleId :
PB127067BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.3	46.9
170	25.6	21.0	31.4

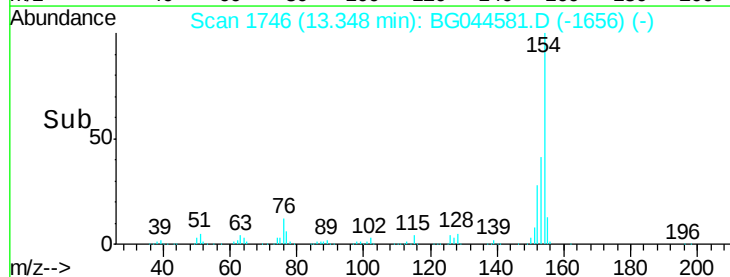
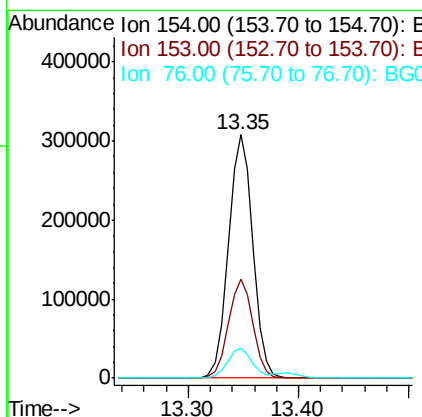
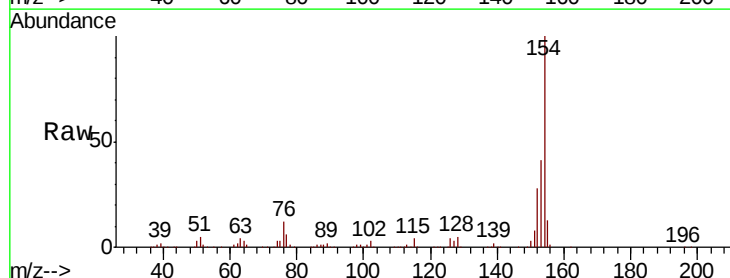
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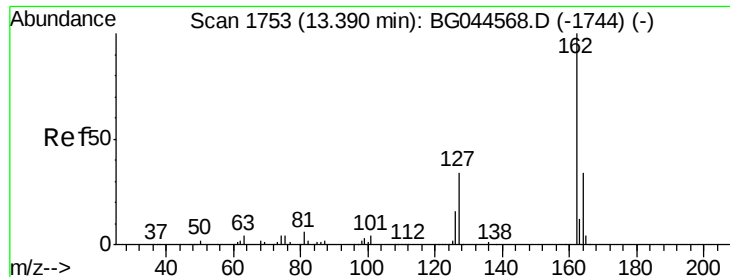
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#46
1,1'-Biphenyl
Concen: 35.188 ng
RT: 13.35 min Scan# 1746
Delta R.T. -0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.2	60.2
76	12.2	0.0	31.8





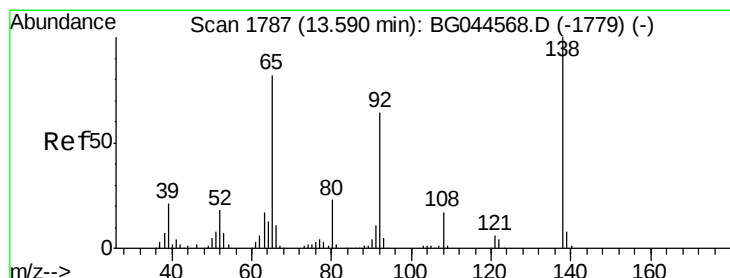
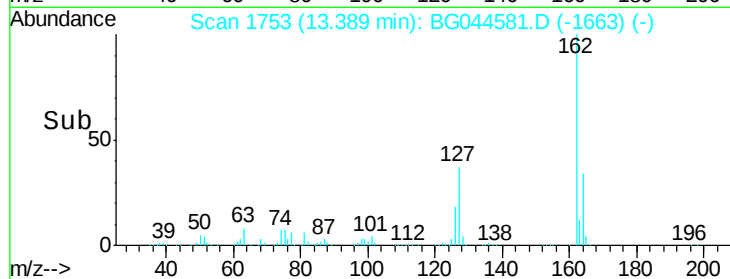
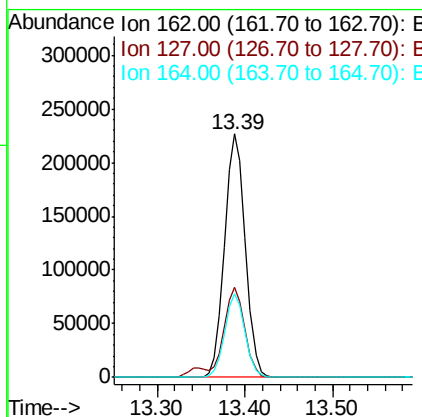
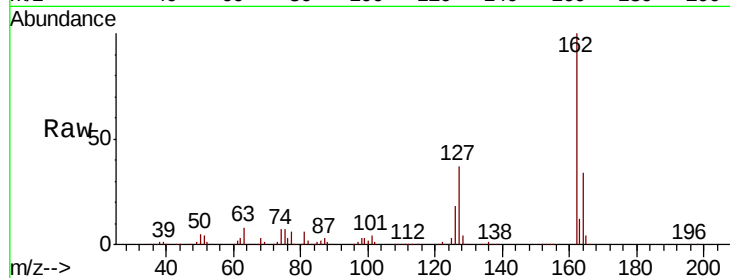
#47
2-Chloronaphthalene
Concen: 34.951 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Instrument :
BNA_G
ClientSampleId :
PB127067BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.0	28.7	43.1
164	34.1	27.3	40.9

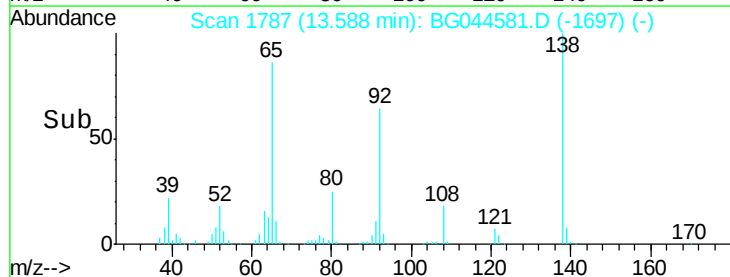
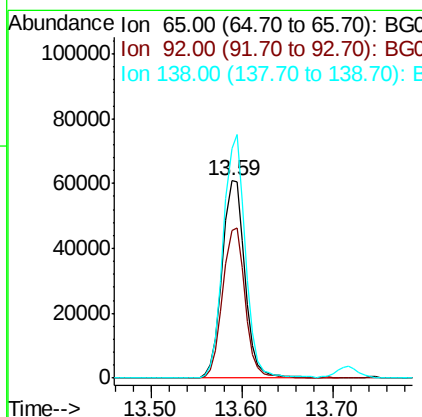
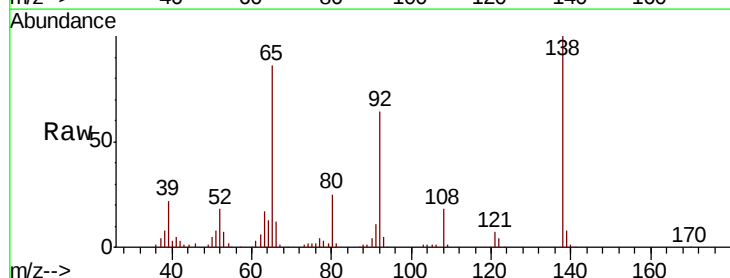
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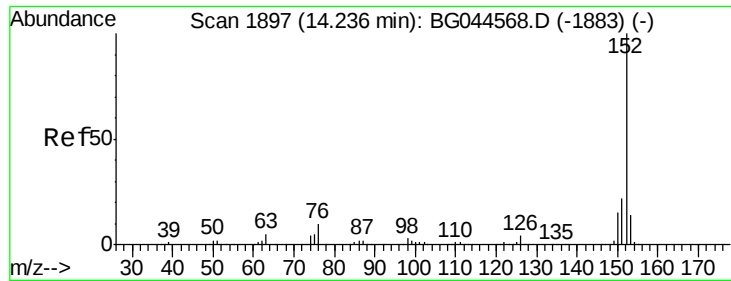
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#48
2-Nitroaniline
Concen: 36.424 ng
RT: 13.59 min Scan# 1787
Delta R.T. -0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.7	62.2	93.2
138	116.1	97.6	146.4





#49

Acenaphthylene

Concen: 37.329 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

Instrument :

BNA_G

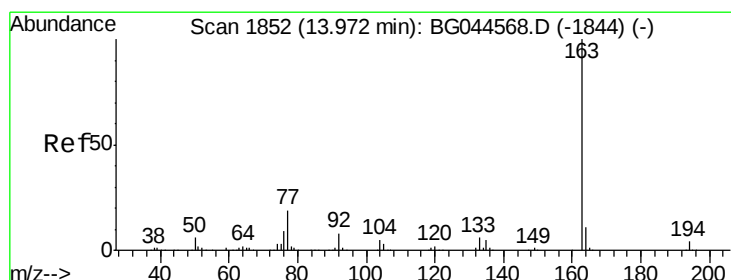
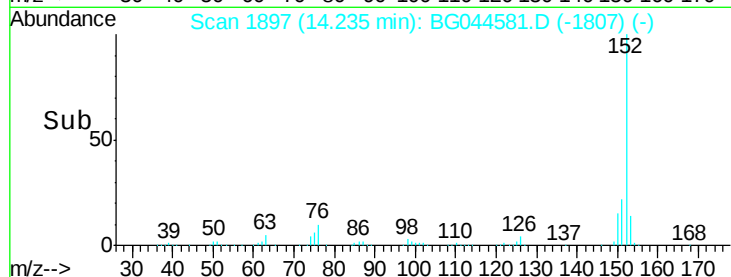
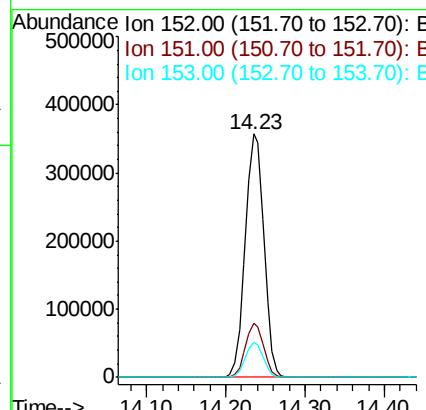
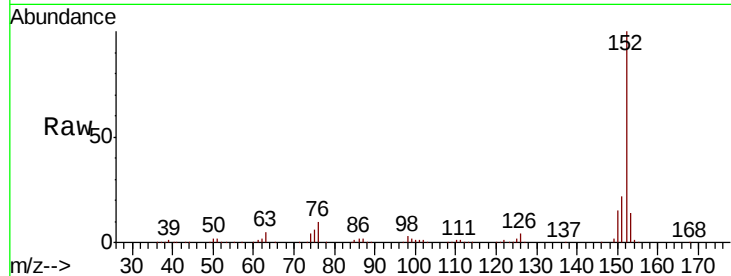
ClientSampleId :

PB127067BS

Tot Ion:	152	Resp:	582567
Ion Ratio		Lower	Upper
152	100		
151	22.4	17.7	26.5
153	14.4	11.3	16.9

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#50

Dimethylphthalate

Concen: 36.691 ng

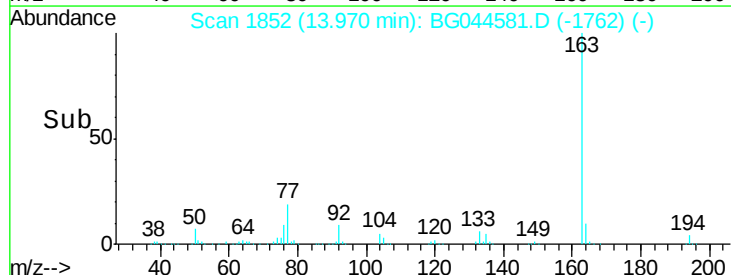
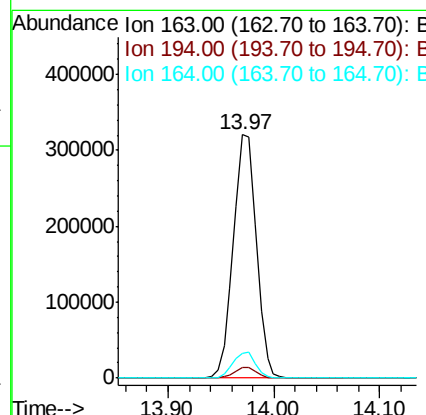
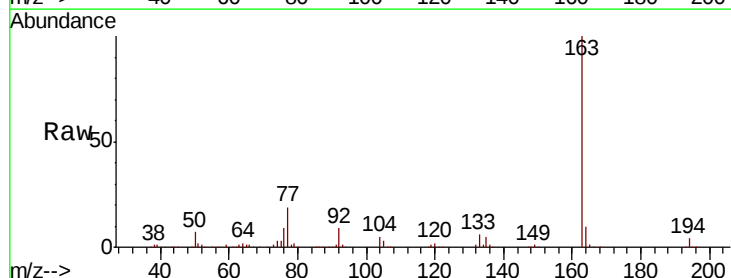
RT: 13.97 min Scan# 1852

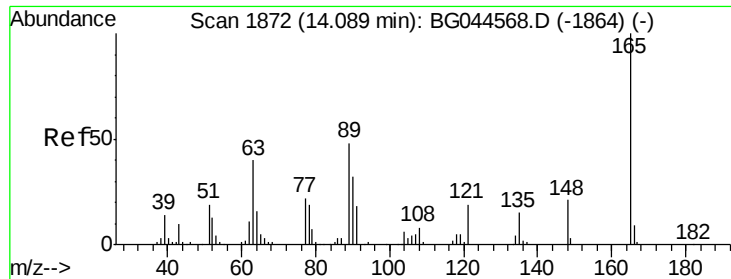
Delta R.T. -0.00 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

Tgt Ion:	163	Resp:	482491
Ion Ratio		Lower	Upper
163	100		
194	4.4	3.4	5.0
164	10.4	8.7	13.1





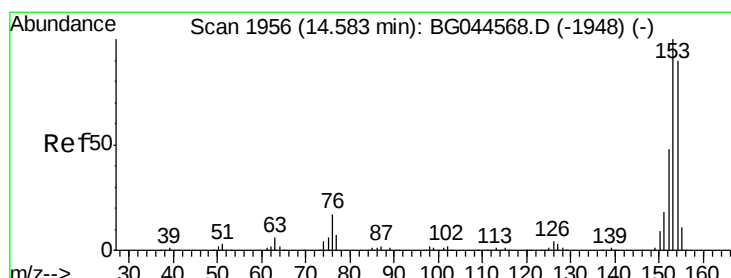
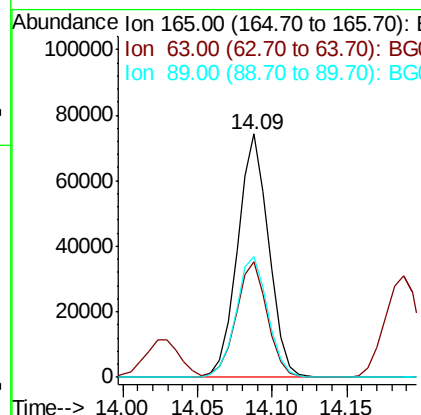
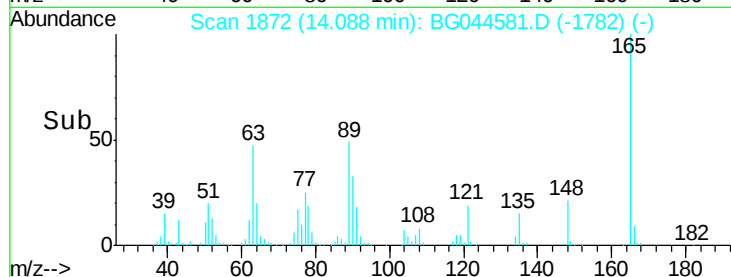
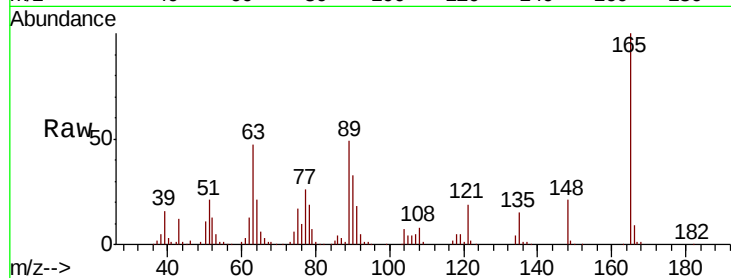
#51
 2,6-Dinitrotoluene
 Concen: 37.054 ng
 RT: 14.09 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: BG044581.D
 Acq: 25 Feb 2020 17:56

Instrument :
 BNA_G
 ClientSampled :
 PB127067BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.4	35.8	53.6
89	49.5	38.7	58.1

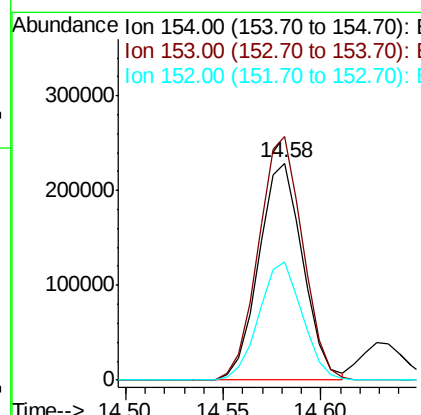
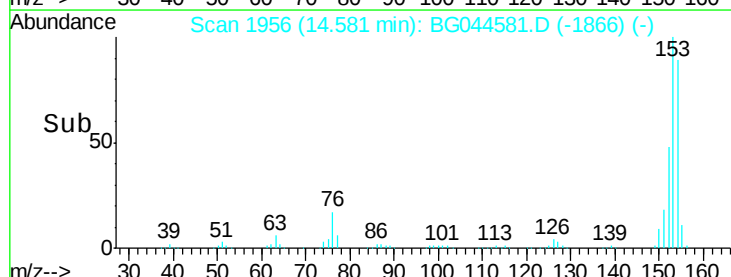
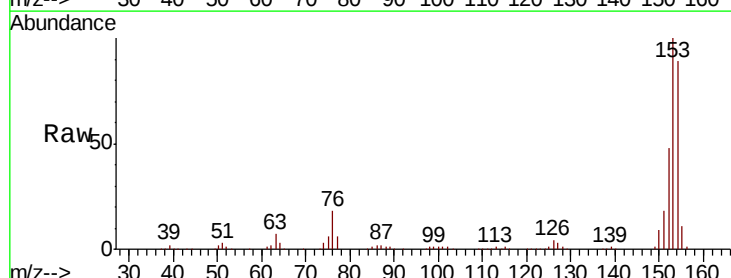
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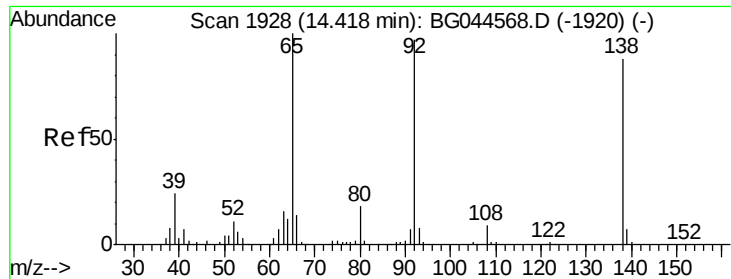
mohammad
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#52
 Acenaphthene
 Concen: 35.983 ng
 RT: 14.58 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: BG044581.D
 Acq: 25 Feb 2020 17:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.2	89.4	134.0
152	54.3	43.0	64.4





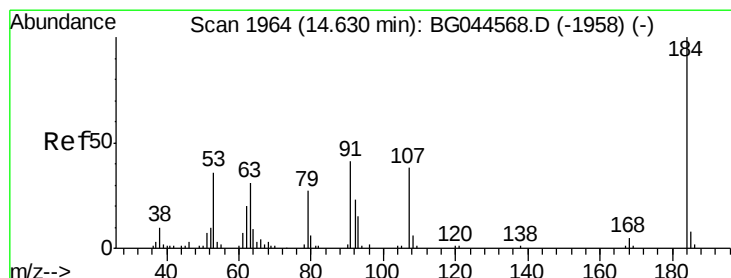
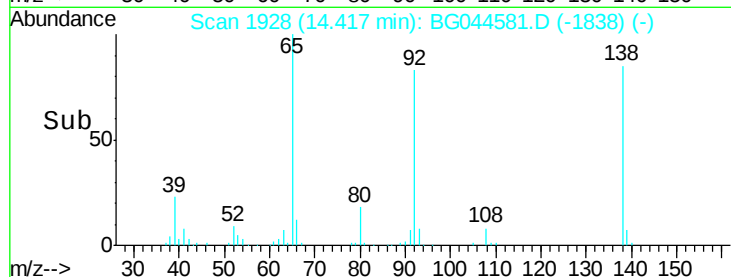
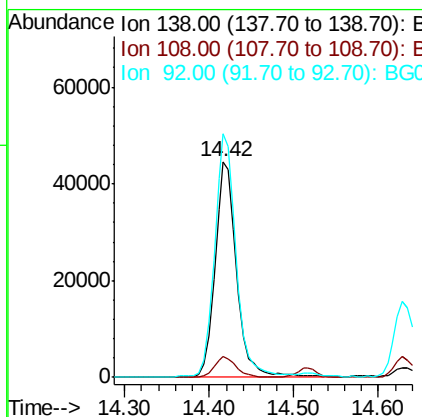
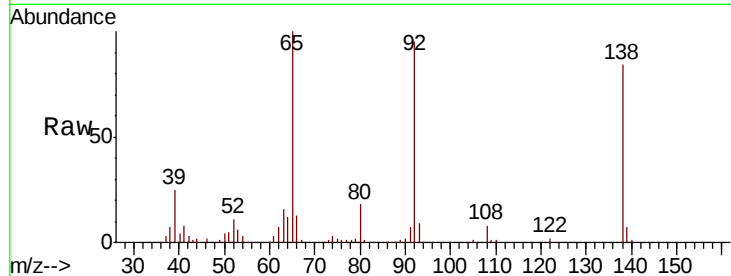
#53
3-Nitroaniline
Concen: 25.574 ng
RT: 14.42 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Instrument :
BNA_G
ClientSampleId :
PB127067BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	7.9	11.9
92	112.9	87.4	131.2

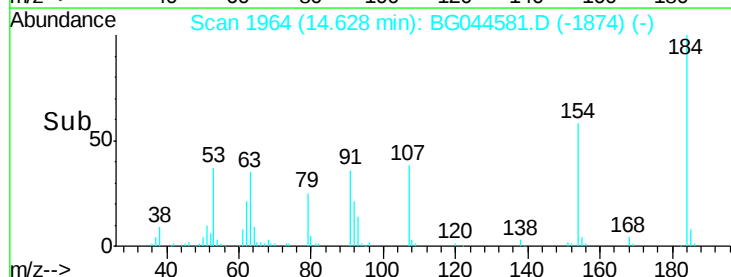
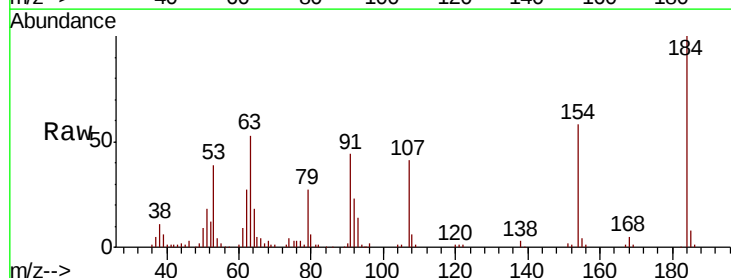
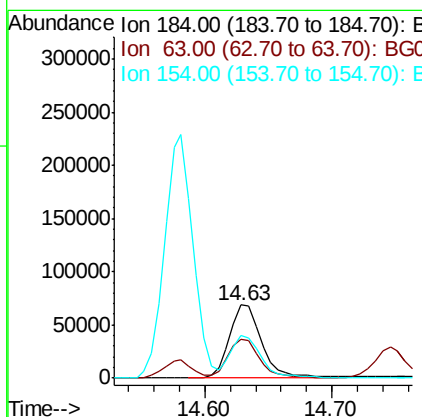
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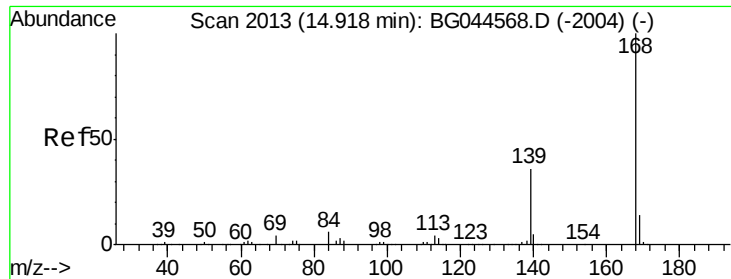
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#54
2,4-Dinitrophenol
Concen: 71.306 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.2	42.1	63.1
154	57.9	43.4	65.2





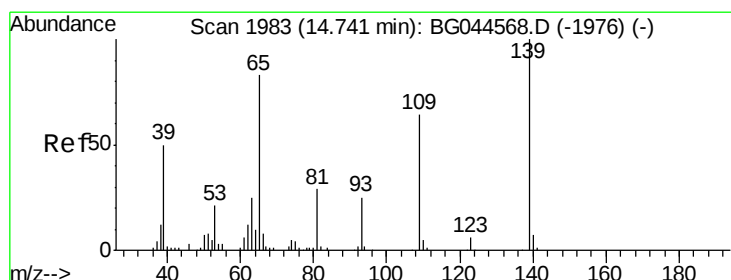
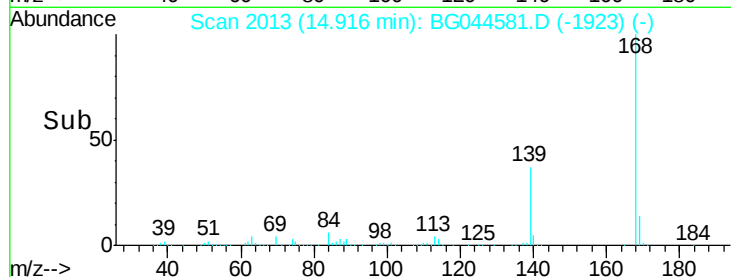
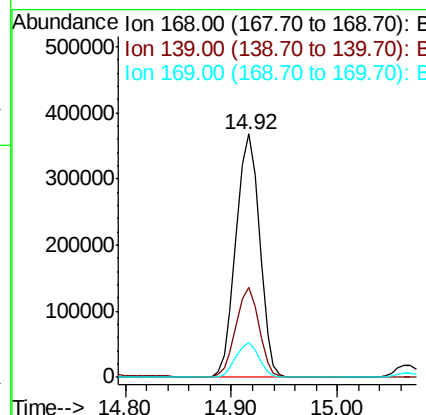
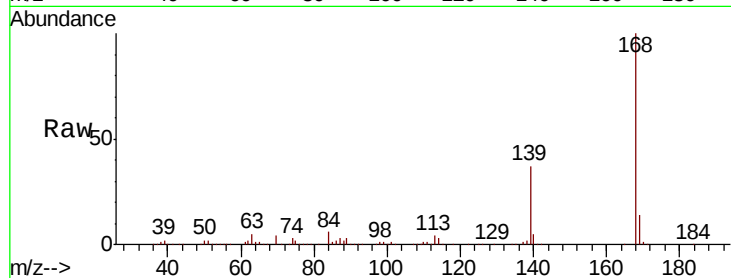
#55
Dibenzofuran
Concen: 37.414 ng
RT: 14.92 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Instrument :
BNA_G
ClientSampleId :
PB127067BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.8	29.2	43.8
169	14.3	11.0	16.6

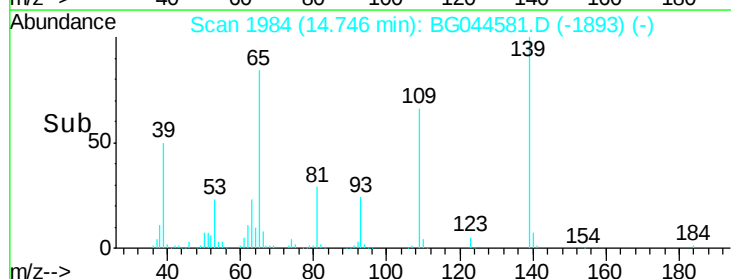
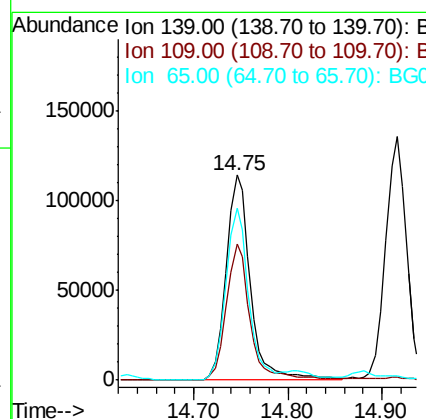
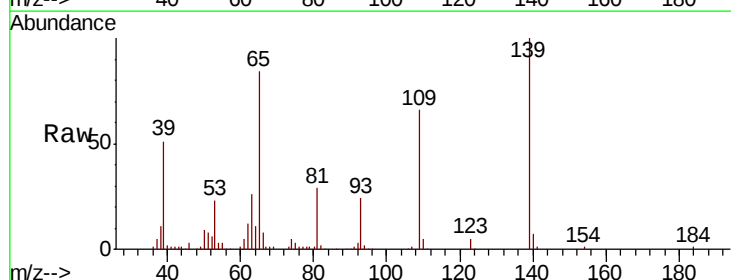
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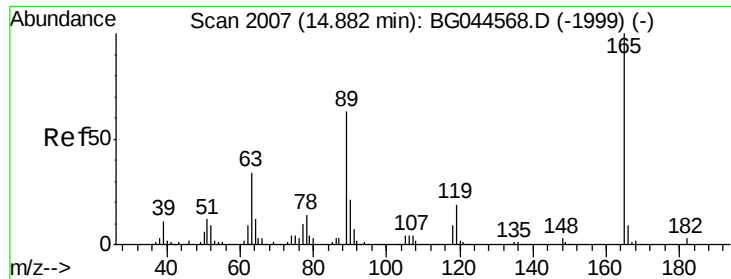
mohammad
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#56
4-Nitrophenol
Concen: 95.657 ng
RT: 14.75 min Scan# 1984
Delta R.T. 0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.3	43.8	83.8
65	83.9	63.6	103.6





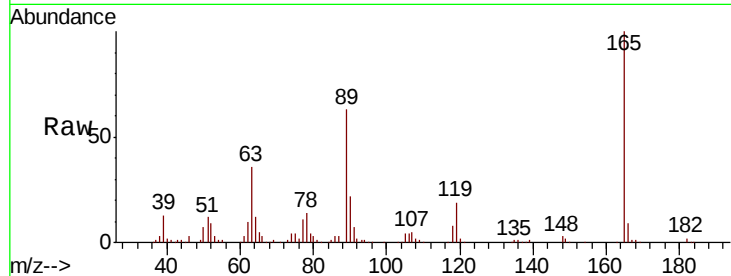
#57
 2,4-Dinitrotoluene
 Concen: 37.723 ng
 RT: 14.88 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: BG044581.D
 Acq: 25 Feb 2020 17:56

Instrument :
 BNA_G
 ClientSampleId :
 PB127067BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		153813		
63	36.3	27.5	41.3		
89	62.7	50.0	75.0		
182	2.5	2.3	3.5		

Manual Integrations
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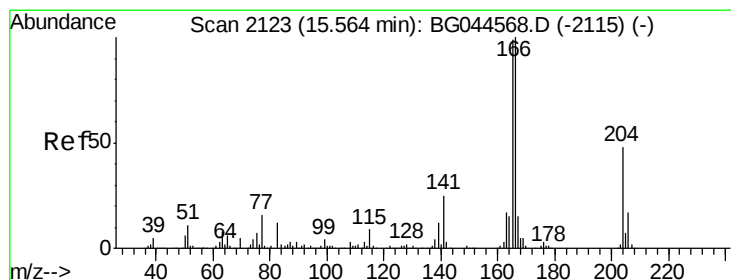
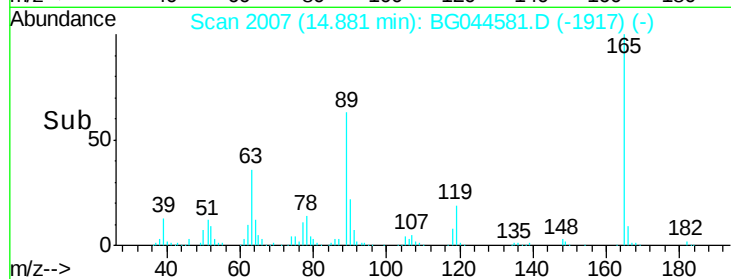
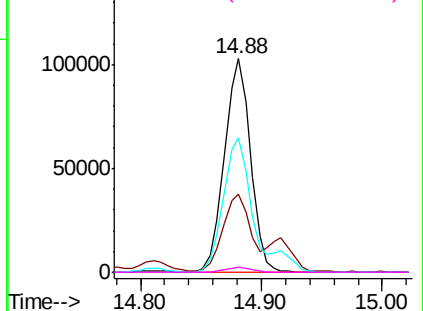
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

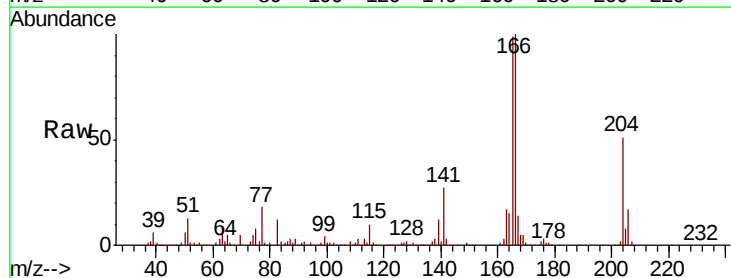
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 37.436 ng
 RT: 15.56 min Scan# 2123
 Delta R.T. -0.00 min
 Lab File: BG044581.D
 Acq: 25 Feb 2020 17:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		452694		
165	98.8	79.2	118.8		
167	13.8	11.7	17.5		

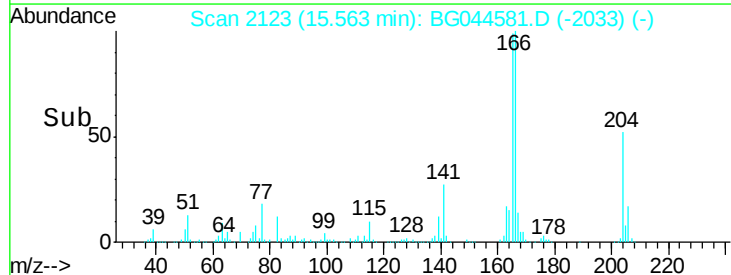
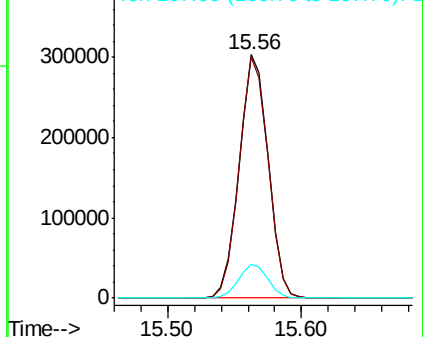


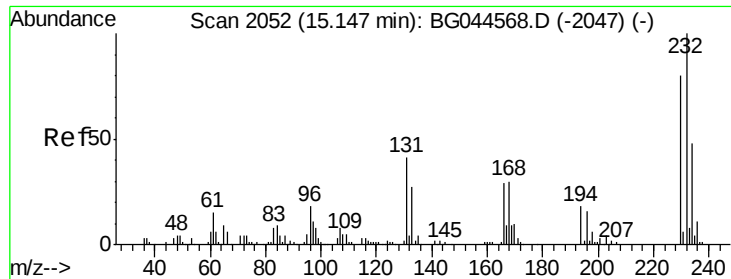
Abundance

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





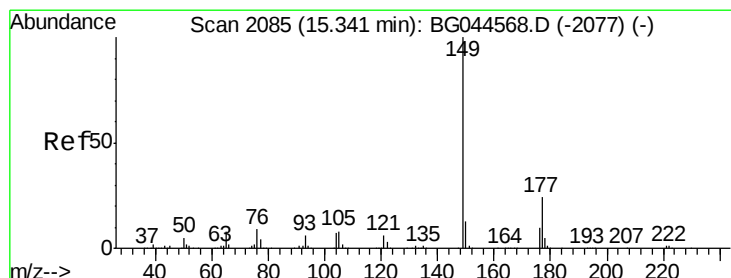
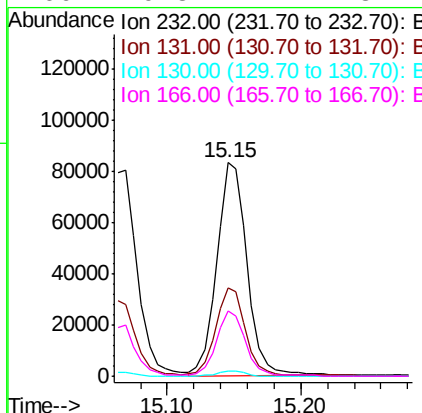
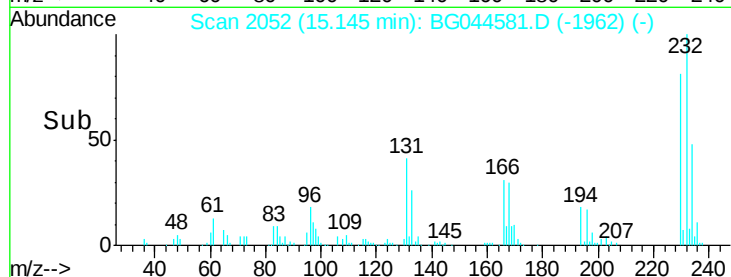
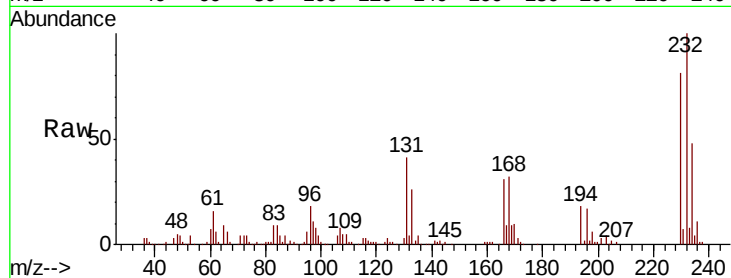
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.979 ng
RT: 15.15 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Instrument :
BNA_G
ClientSampleId :
PB127067BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	131317		
131	40.5	31.8	47.6	
130	2.4	1.8	2.6	
166	29.8	22.7	34.1	

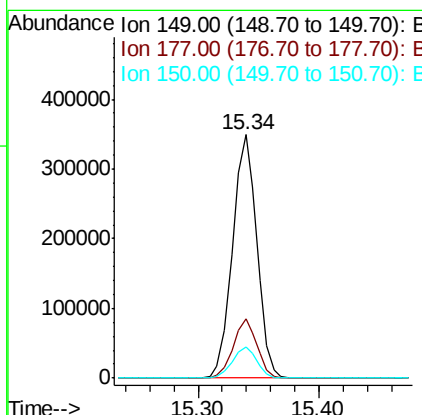
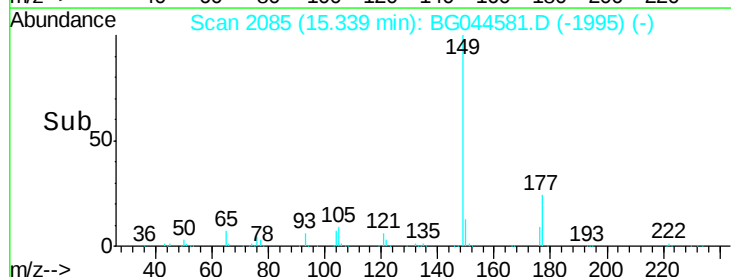
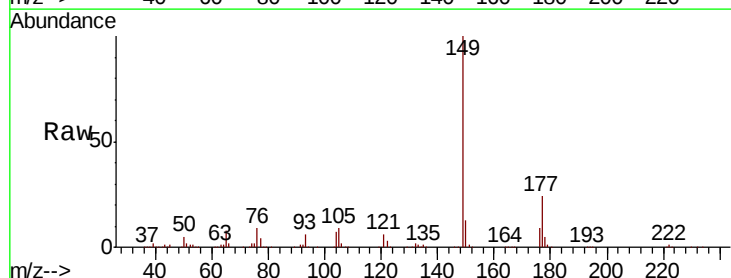
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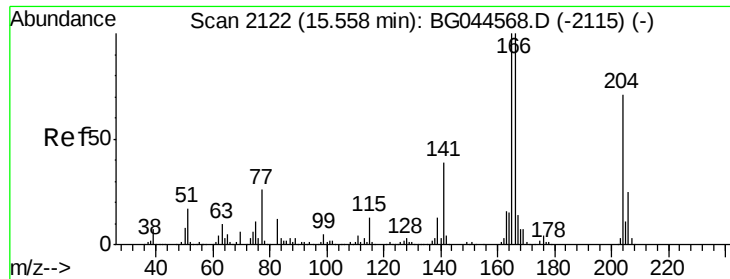
mohammad
2/27/2020 5:03:02 PM



#60
Diethylphthalate
Concen: 37.509 ng
RT: 15.34 min Scan# 2085
Delta R.T. -0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	488720		
177	24.3	19.2	28.8	
150	12.7	10.2	15.4	





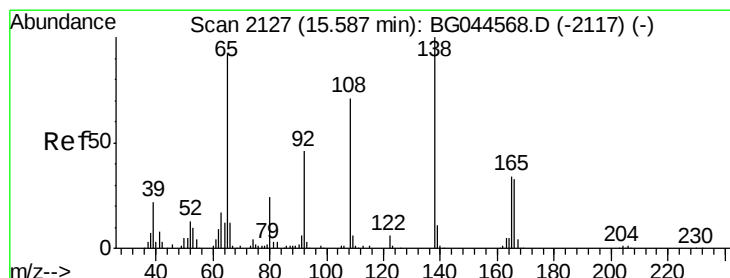
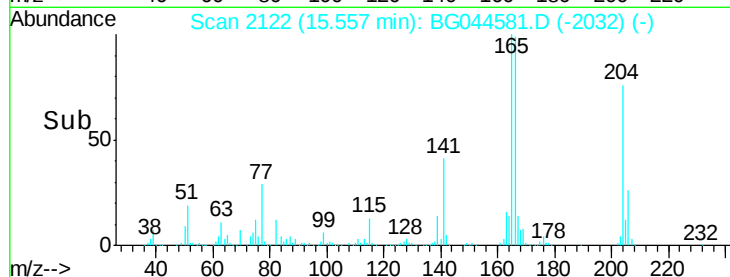
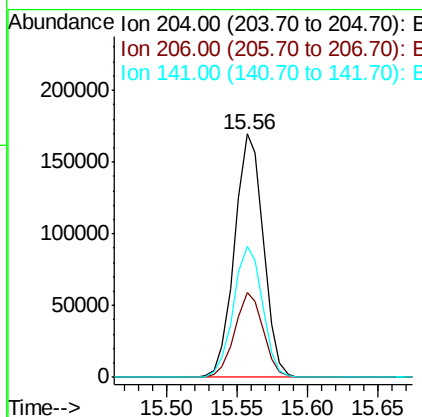
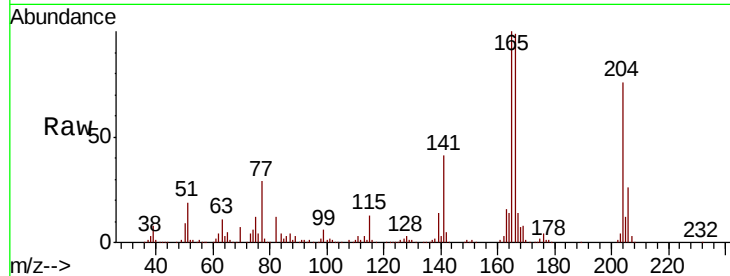
#61
4-Chlorophenyl-phenylether
Concen: 36.533 ng
RT: 15.56 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Instrument :
BNA_G
ClientSampled :
PB127067BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	240206		
206	34.7	27.8	41.8	
141	53.7	43.8	65.8	

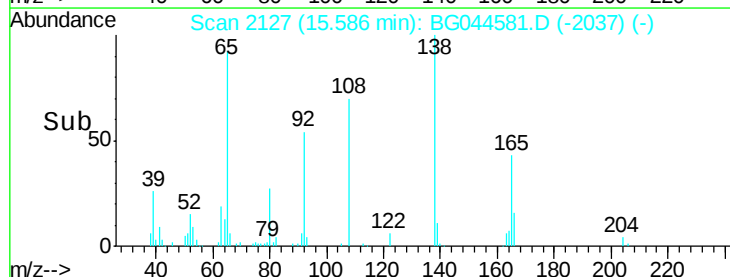
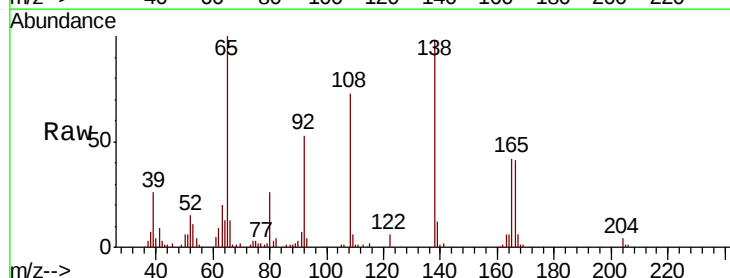
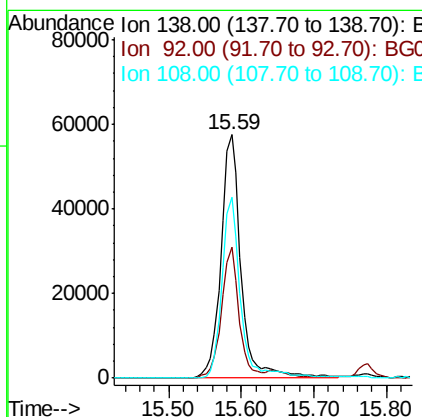
Manual Integrations
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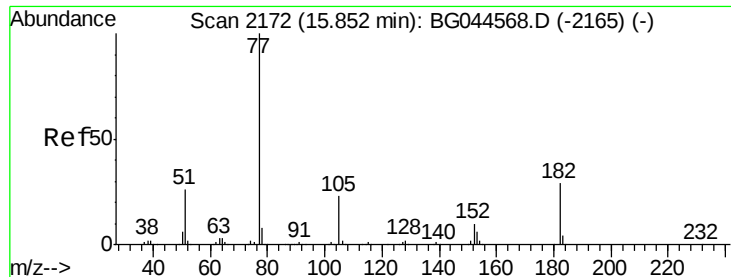
mohammad
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#62
4-Nitroaniline
Concen: 35.516 ng
RT: 15.59 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	111232		
92	53.6	26.4	66.4	
108	74.3	50.5	90.5	





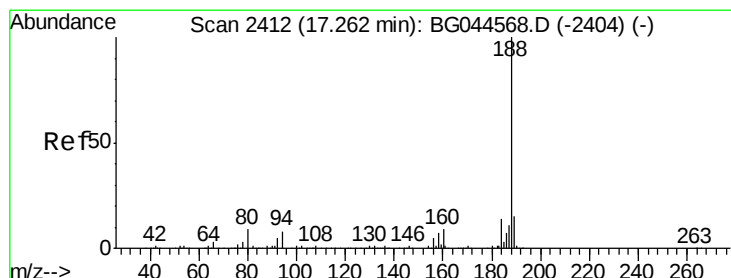
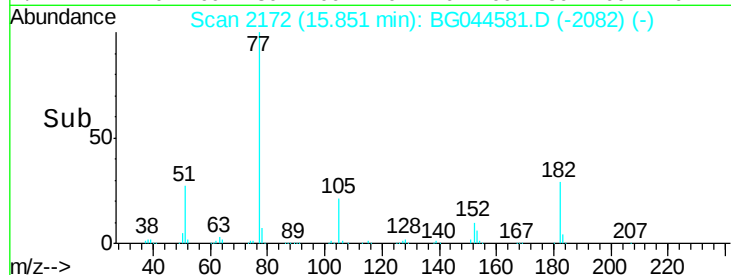
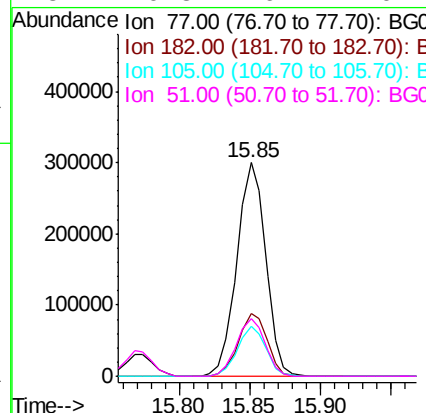
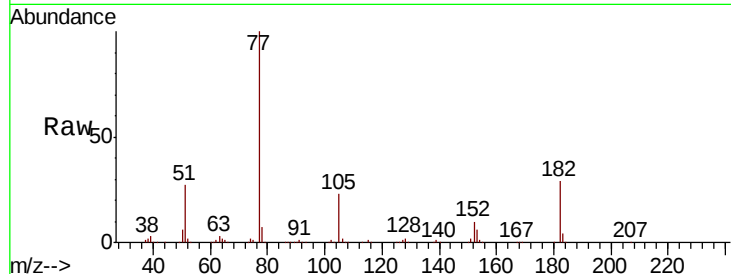
#63
Azobenzene
Concen: 38.466 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Instrument :
BNA_G
ClientSampleId :
PB127067BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	29.1	9.4	49.4	
105	23.4	3.4	43.4	
51	26.8	6.4	46.4	

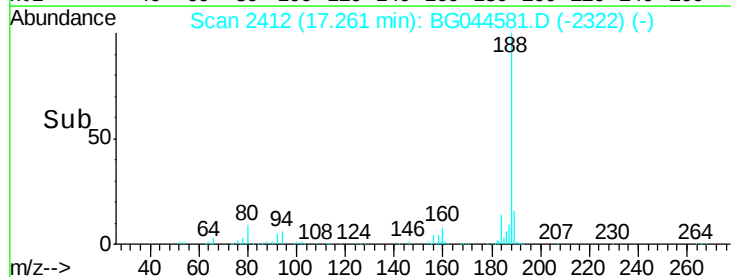
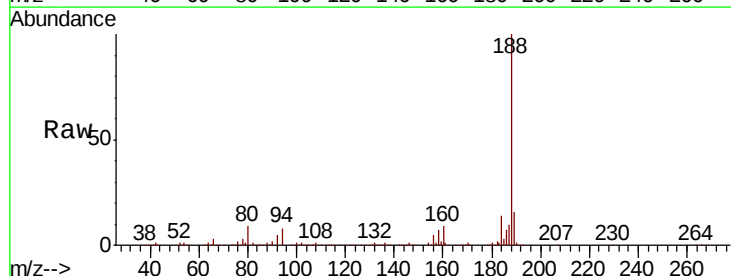
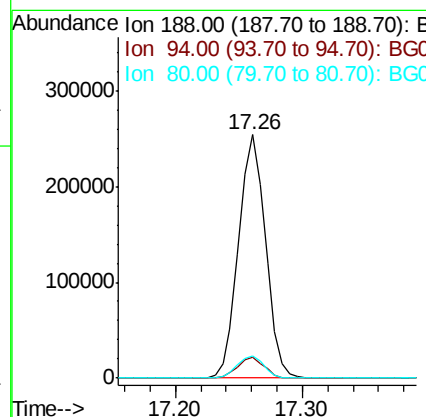
Manual Integrations
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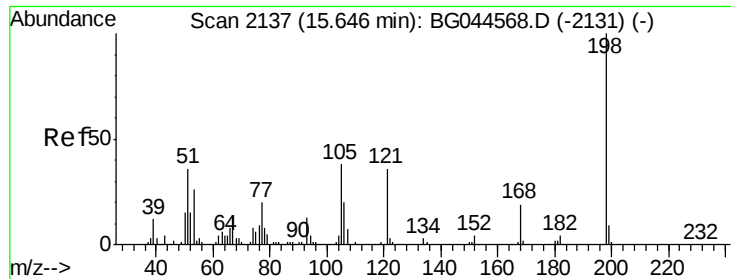
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.26 min Scan# 2412
Delta R.T. -0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.4	6.7	10.1	
80	9.2	7.6	11.4	





#65

4,6-Dinitro-2-methylphenol

Concen: 41.425 ng

RT: 15.65 min Scan# 2138

Delta R.T. 0.00 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

Instrument :

BNA_G

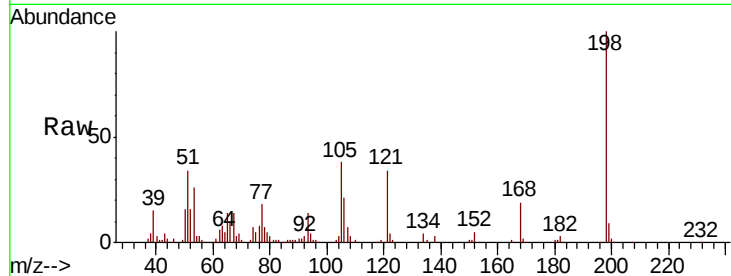
ClientSampleId :

PB127067BS

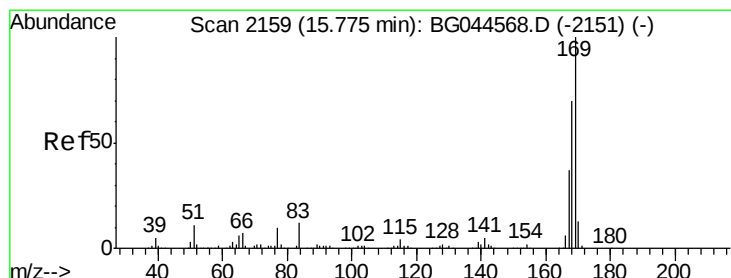
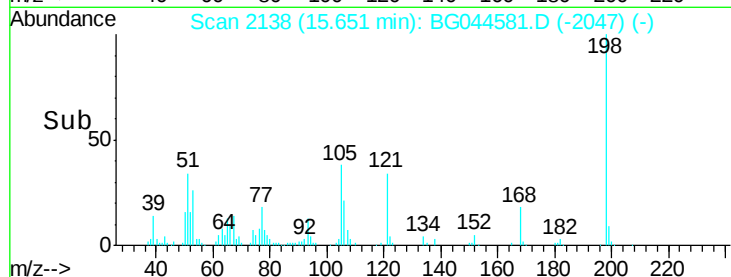
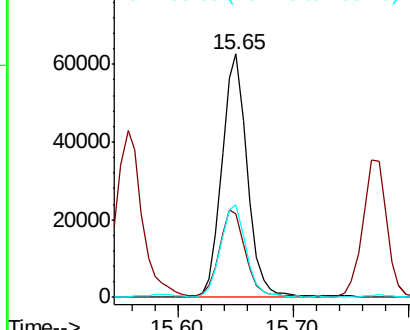
Tot Ion:	198	Resp:	95707
Ion Ratio	Lower	Upper	
198	100		
51	34.4	17.0	57.0
105	37.9	18.4	58.4

Manual Integrations
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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 36.779 ng

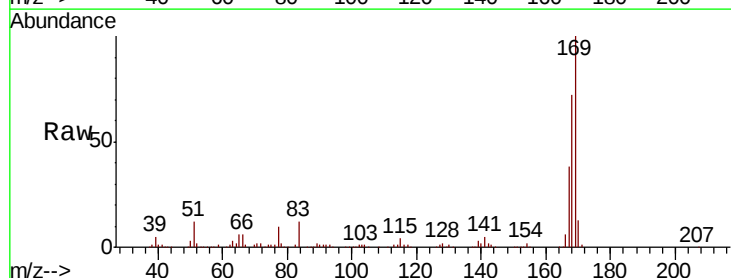
RT: 15.77 min Scan# 2159

Delta R.T. -0.00 min

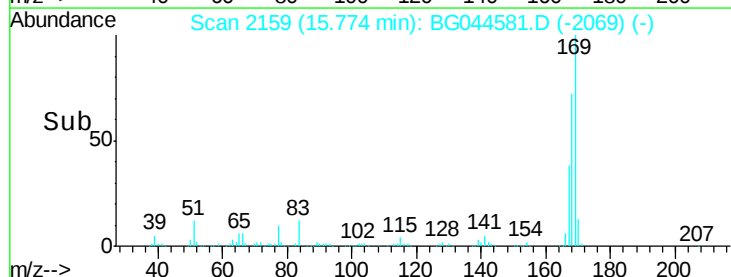
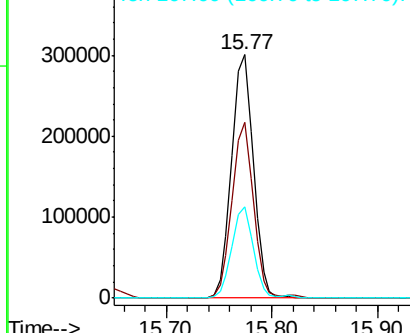
Lab File: BG044581.D

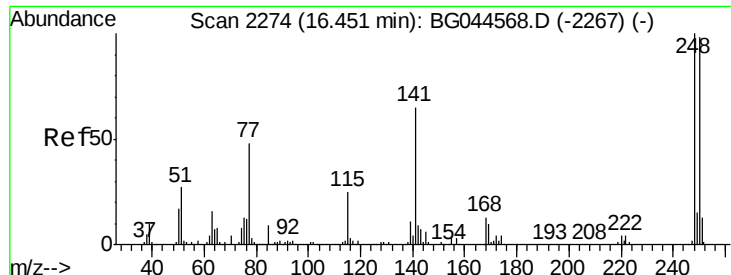
Acq: 25 Feb 2020 17:56

Tgt Ion:	169	Resp:	428064
Ion Ratio	Lower	Upper	
169	100		
168	72.0	56.1	84.1
167	37.5	29.4	44.0



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





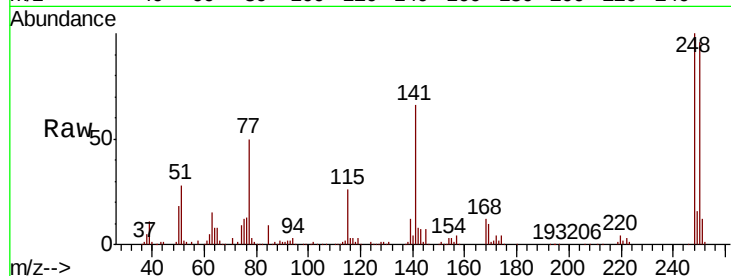
#67
 4-Bromophenyl-phenylether
 Concen: 34.716 ng
 RT: 16.45 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: BG044581.D
 Acq: 25 Feb 2020 17:56

Instrument :
 BNA_G
 ClientSampleId :
 PB127067BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.5	78.7	118.1
141	66.3	52.3	78.5

Manual Integrations
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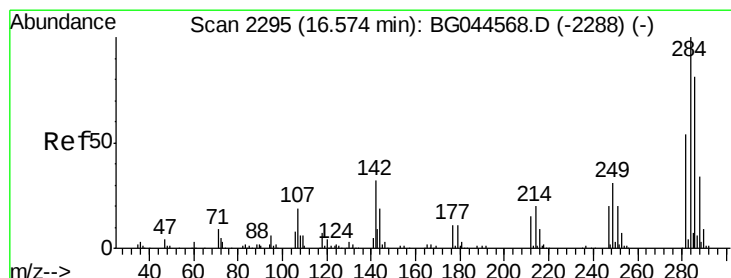
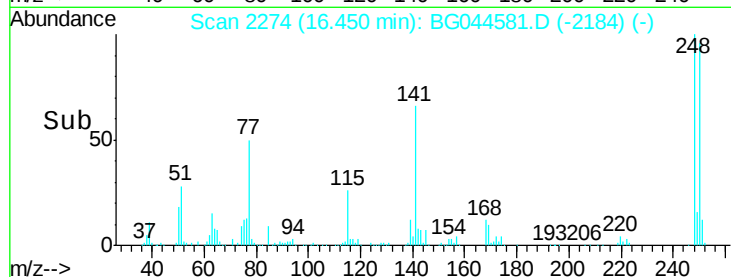
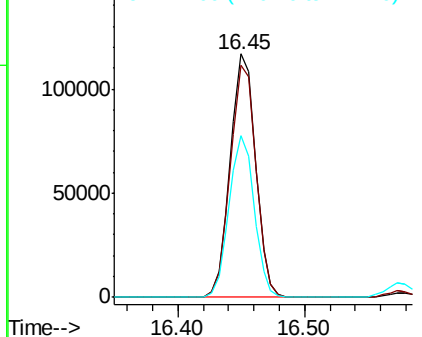


Abundance

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: 33.492 ng
 RT: 16.57 min Scan# 2295
 Delta R.T. -0.00 min
 Lab File: BG044581.D
 Acq: 25 Feb 2020 17:56

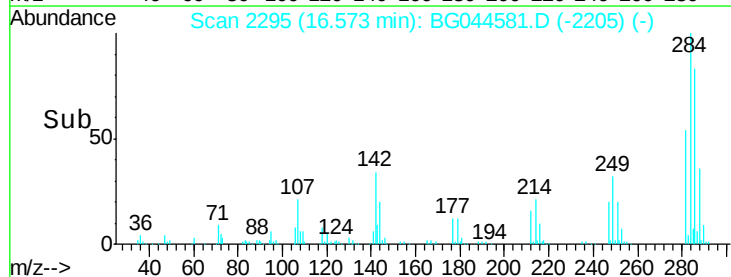
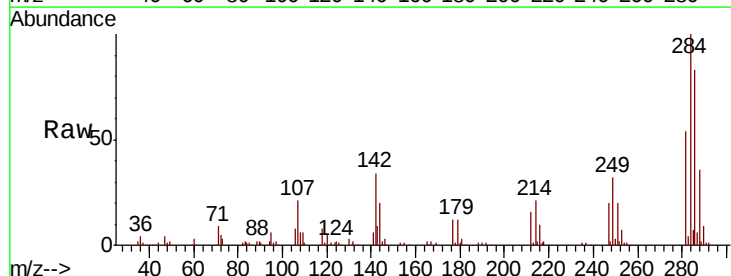
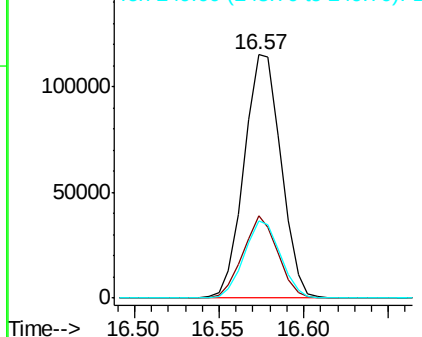
Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.0	25.6	38.4
249	31.8	24.6	36.8

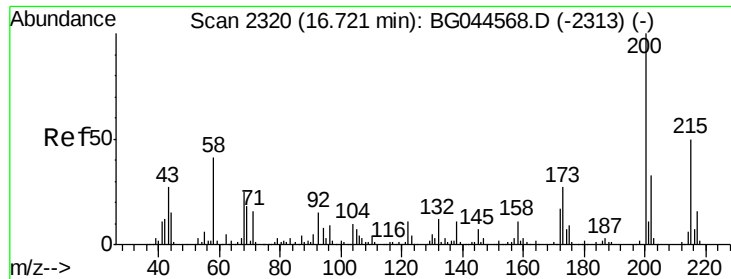
Abundance

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





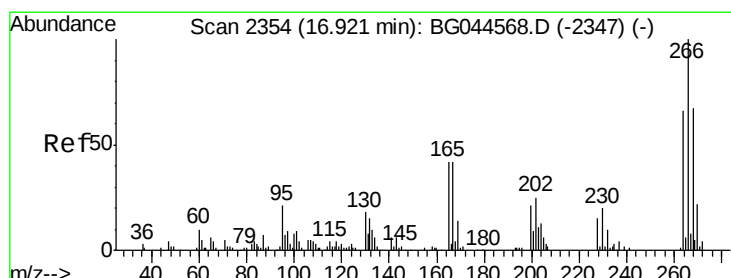
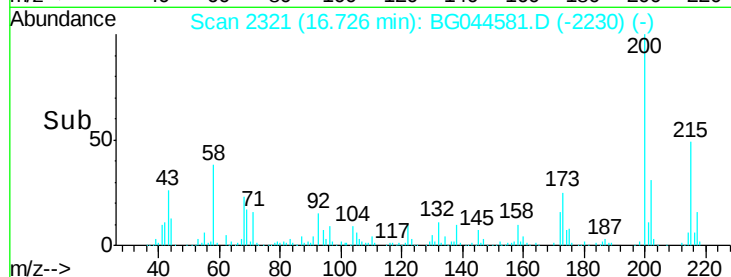
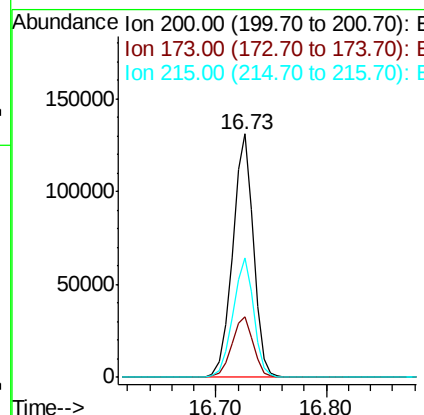
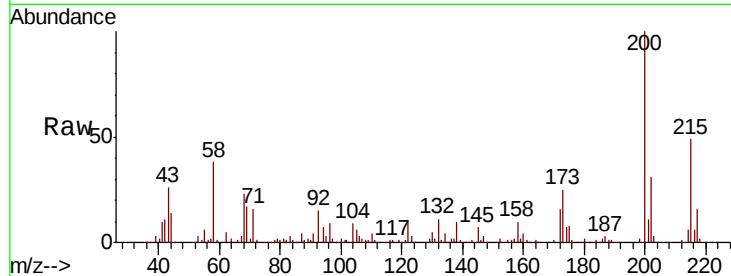
#69
 Atrazine
 Concen: 40.301 ng
 RT: 16.73 min Scan# 2321
 Delta R.T. 0.00 min
 Lab File: BG044581.D
 Acq: 25 Feb 2020 17:56

Instrument :
 BNA_G
 ClientSampleId :
 PB127067BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	173406		
173	24.7	6.6	46.6	
215	49.3	30.3	70.3	

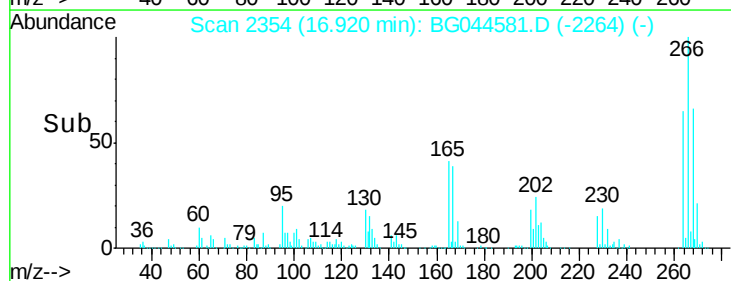
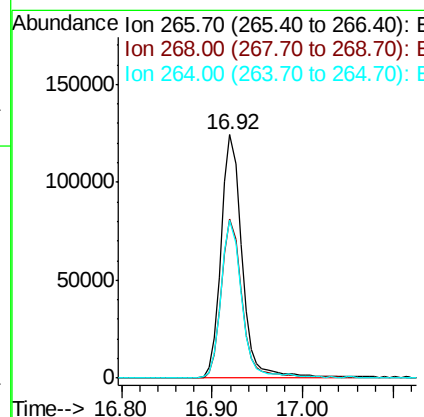
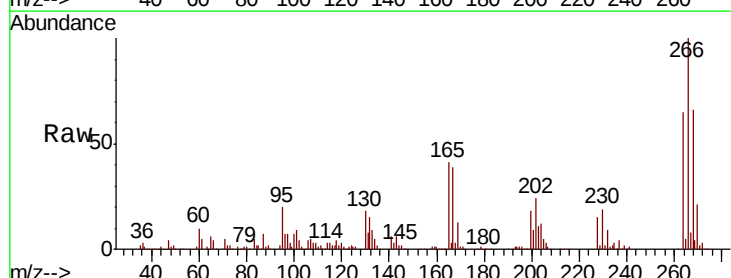
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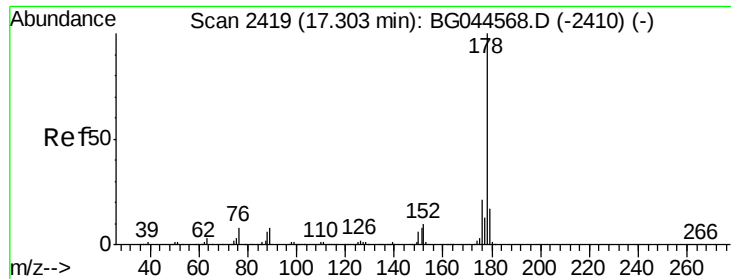
mohammad
 2/27/2020 5:03:02 PM



#70
 Pentachlorophenol
 Concen: 78.358 ng
 RT: 16.92 min Scan# 2354
 Delta R.T. -0.00 min
 Lab File: BG044581.D
 Acq: 25 Feb 2020 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	200359		
268	65.5	53.4	80.0	
264	64.7	53.0	79.4	





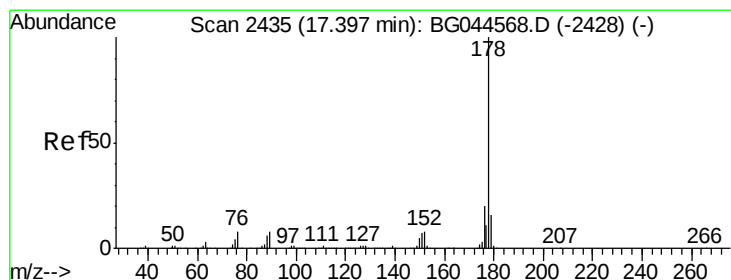
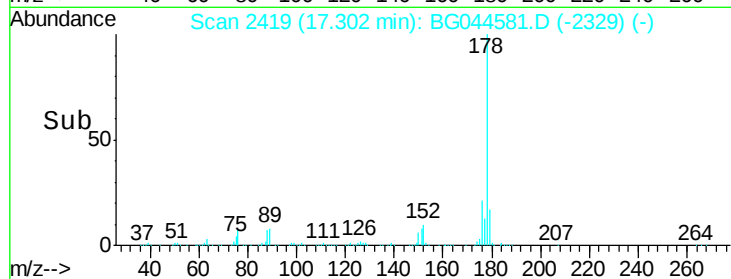
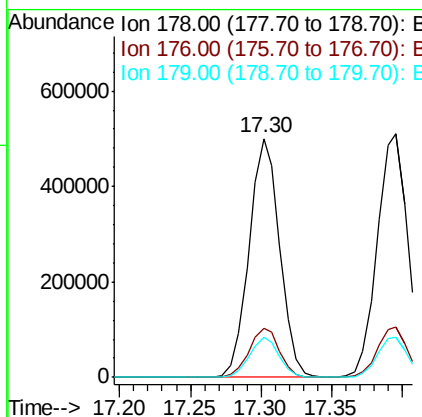
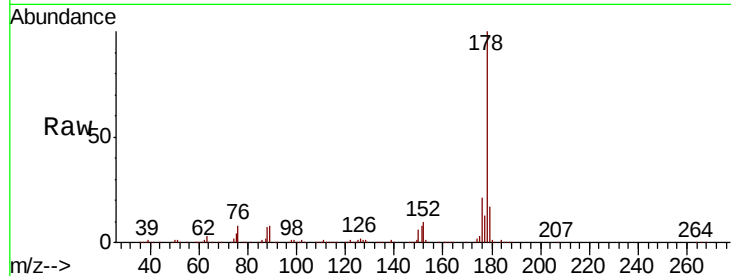
#71
Phenanthrene
Concen: 36.862 ng
RT: 17.30 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Instrument :
BNA_G
ClientSampleId :
PB127067BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.6	25.0
179	16.8	13.3	19.9

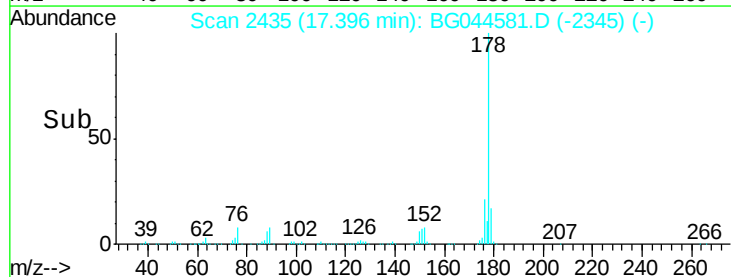
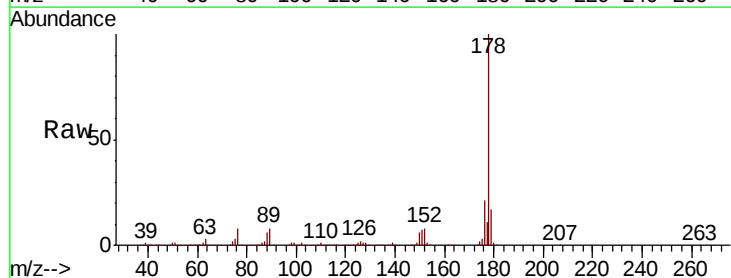
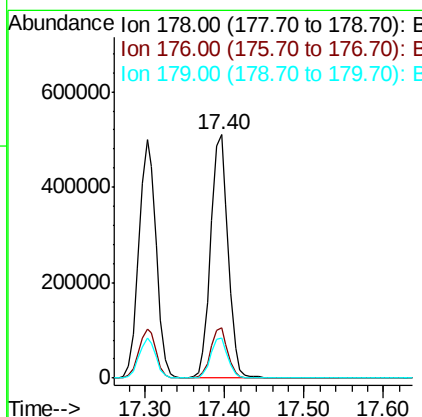
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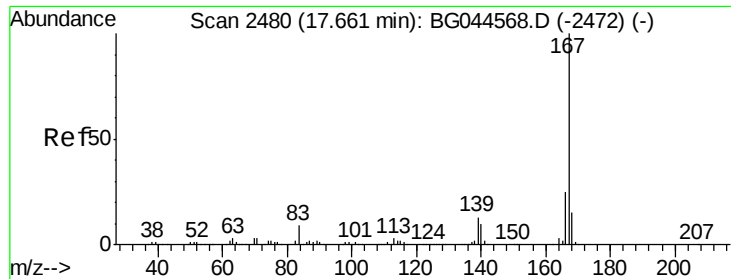
mohammad
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#72
Anthracene
Concen: 38.061 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.9	23.9
179	16.6	13.1	19.7





#73

Carbazole

Concen: 39.066 ng

RT: 17.66 min Scan# 2480

Delta R.T. -0.00 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

Instrument :

BNA_G

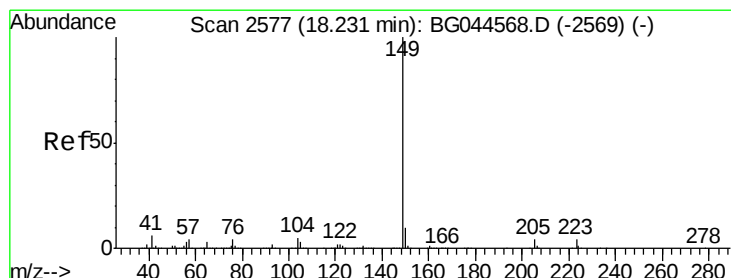
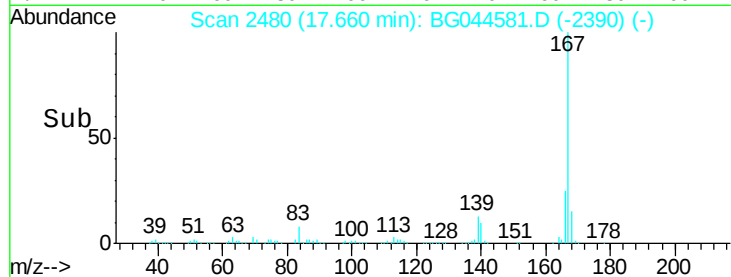
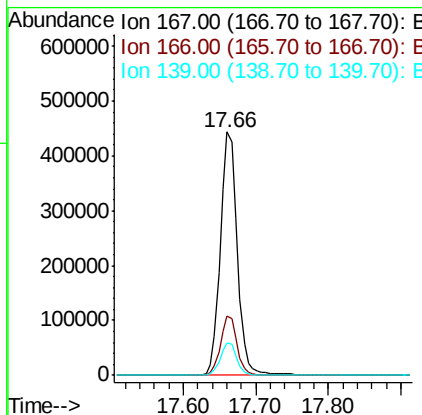
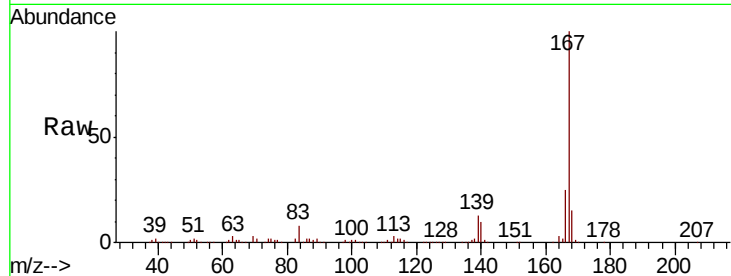
ClientSampleId :

PB127067BS

Tot Ion:	167	Resp:	723898
Ion Ratio	Lower	Upper	
167	100		
166	24.6	19.7	29.5
139	13.3	10.6	15.8

Manual Integrations
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#74

Di-n-butylphthalate

Concen: 39.152 ng

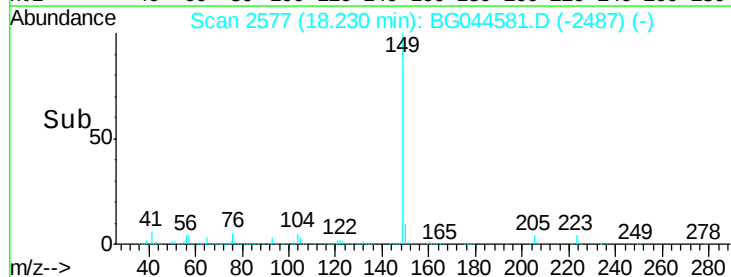
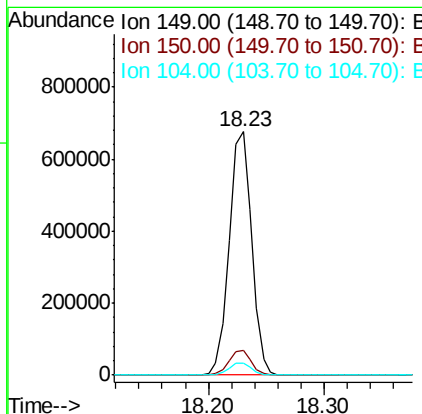
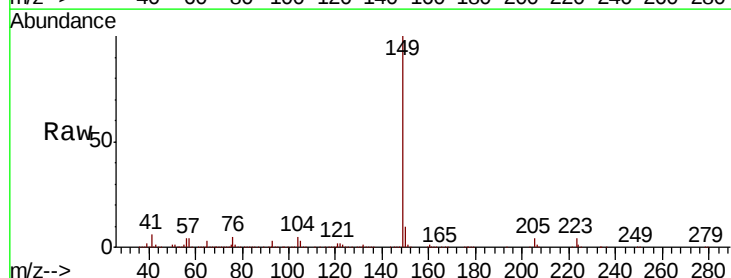
RT: 18.23 min Scan# 2577

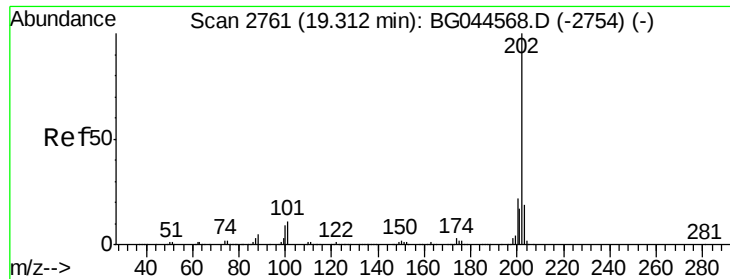
Delta R.T. -0.00 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

Tgt Ion:	149	Resp:	909113
Ion Ratio	Lower	Upper	
149	100		
150	10.2	7.8	11.8
104	5.0	4.0	6.0





#75

Fluoranthene

Concen: 39.070 ng

RT: 19.32 min Scan# 2762

Delta R.T. 0.00 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

Instrument :

BNA_G

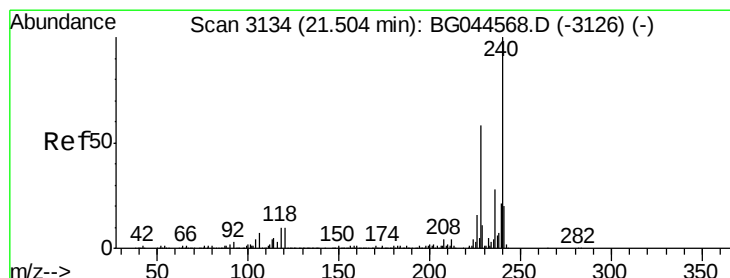
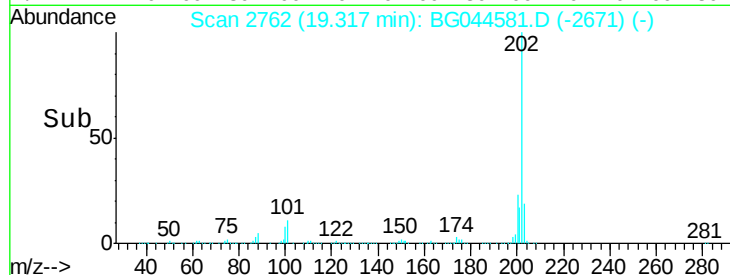
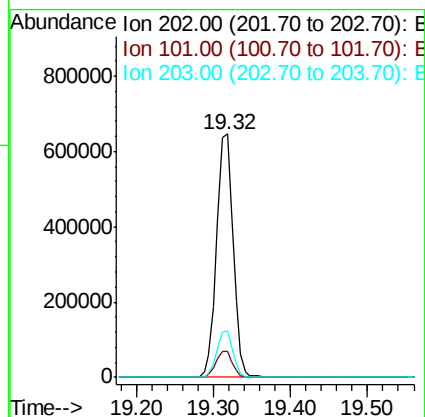
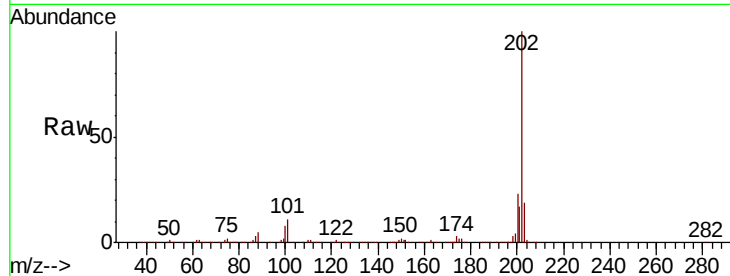
ClientSampleId :

PB127067BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		955431		
101	10.5	0.0	31.0		
203	19.1	0.0	39.2		

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#76

Chrysene-d12

Concen: 20.000 ng

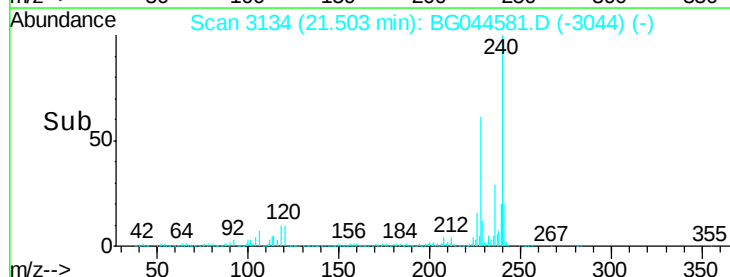
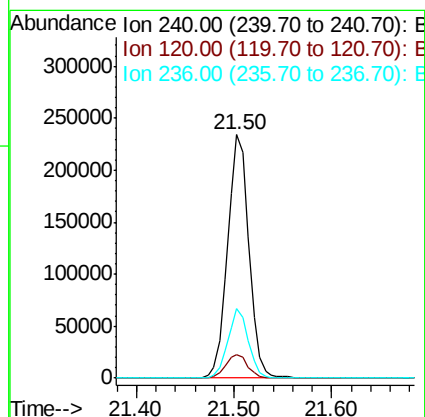
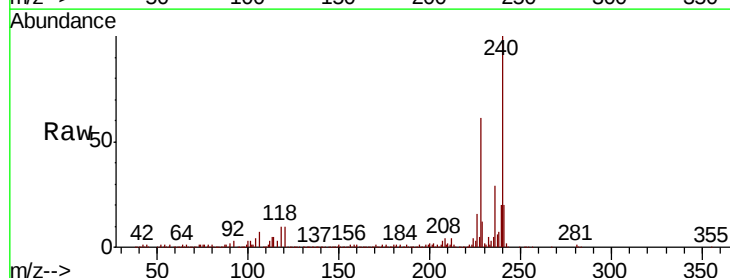
RT: 21.50 min Scan# 3134

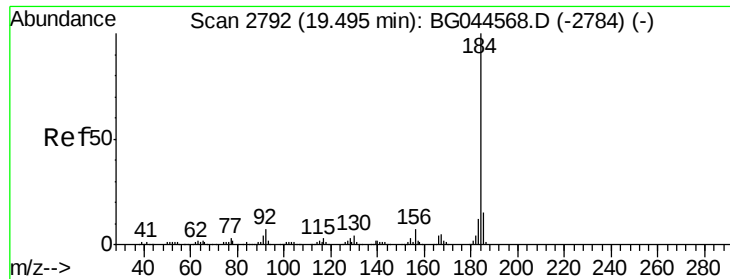
Delta R.T. -0.00 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		355408		
120	9.7	8.3	12.5		
236	28.5	22.3	33.5		





#77

Benzidine

Concen: 20.549 ng

RT: 19.49 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

Instrument :

BNA_G

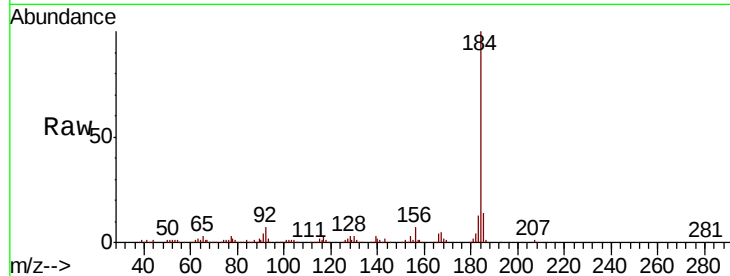
ClientSampleId :

PB127067BS

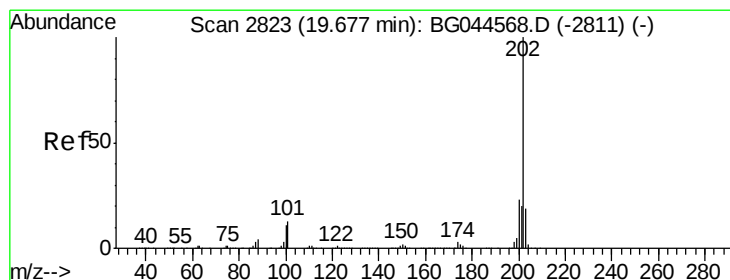
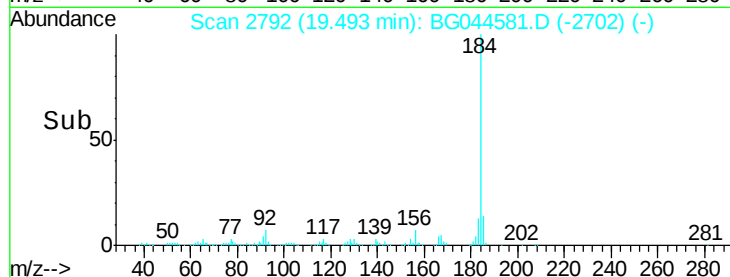
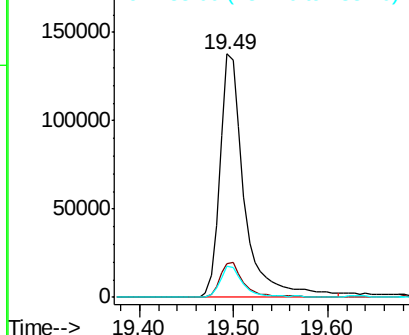
Tot Ion:	184	Resp:	250178
Ion Ratio	Lower	Upper	
184	100		
185	14.1	12.2	18.4
183	12.5	9.9	14.9

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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: 36.894 ng

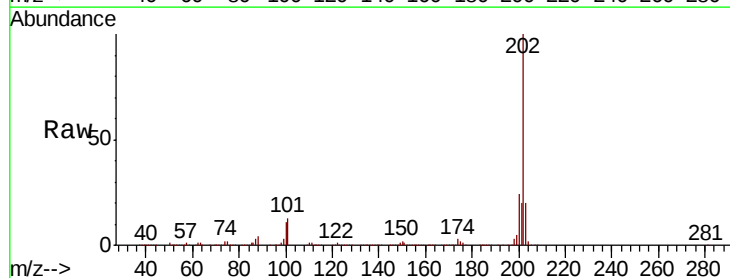
RT: 19.68 min Scan# 2823

Delta R.T. -0.00 min

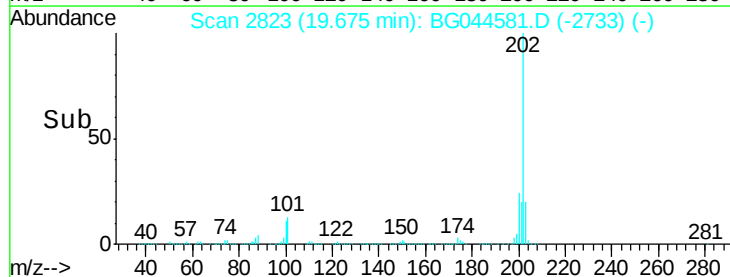
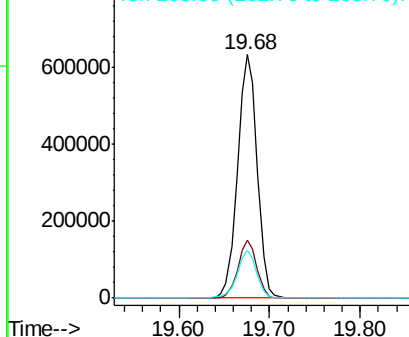
Lab File: BG044581.D

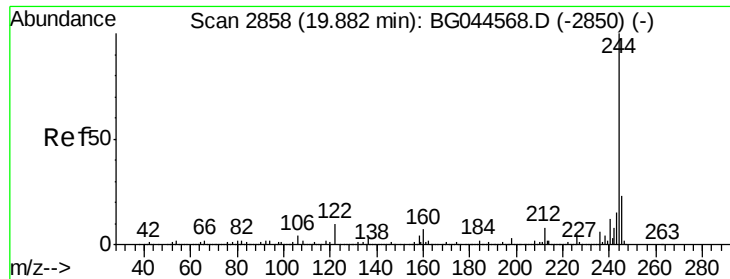
Acq: 25 Feb 2020 17:56

Tgt Ion:	202	Resp:	951844
Ion Ratio	Lower	Upper	
202	100		
200	23.6	18.6	28.0
203	19.7	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: 65.939 ng

RT: 19.88 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

Instrument :

BNA_G

ClientSampleId :

PB127067BS

Tot Ion:244 Resp: 1237961

Ion Ratio Lower Upper

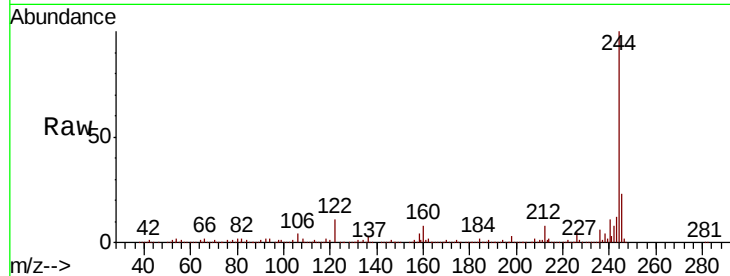
244 100

212 7.9 6.5 9.7

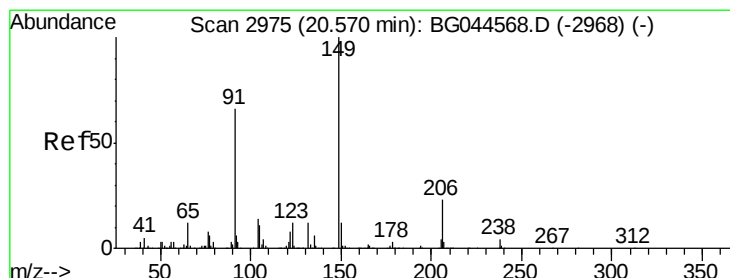
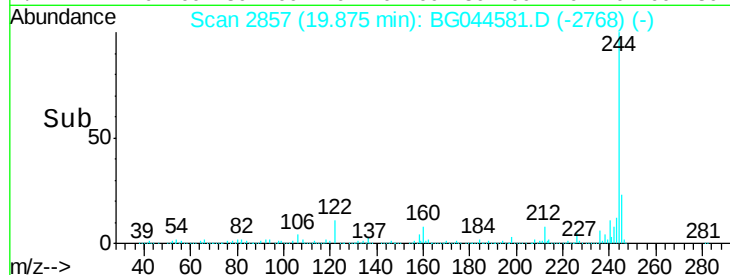
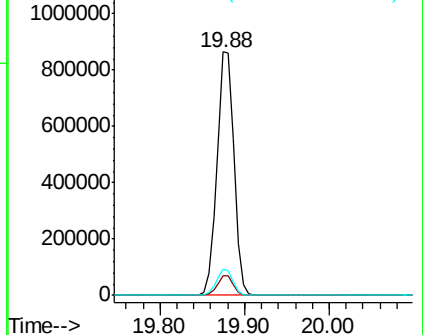
122 10.9 8.2 12.4

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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: 36.546 ng

RT: 20.57 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

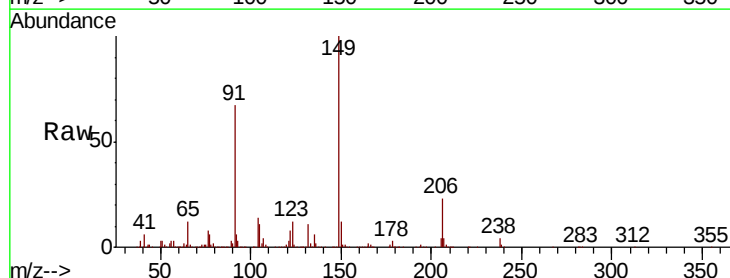
Tgt Ion:149 Resp: 412419

Ion Ratio Lower Upper

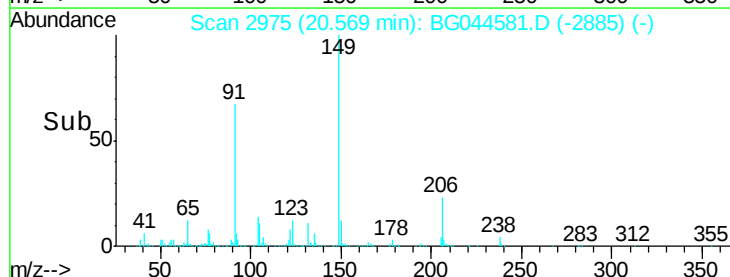
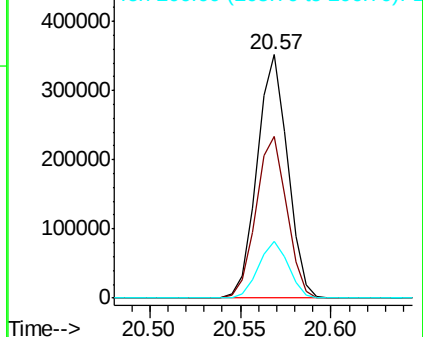
149 100

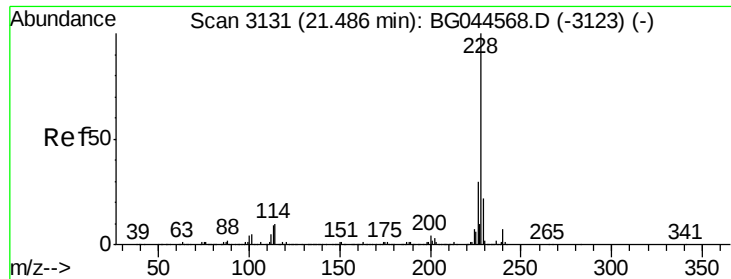
91 66.6 52.7 79.1

206 23.4 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





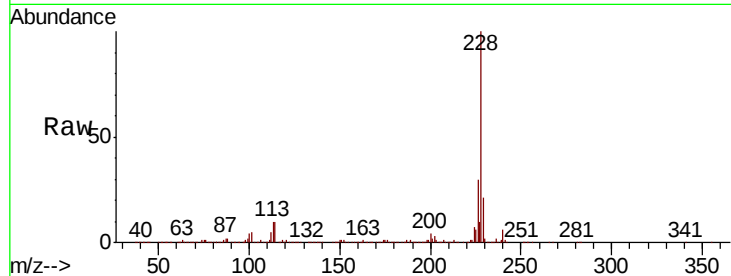
#81
Benzo(a)anthracene
Concen: 36.673 ng
RT: 21.49 min Scan# 3131
Delta R.T. -0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Instrument :
BNA_G
ClientSampleId :
PB127067BS

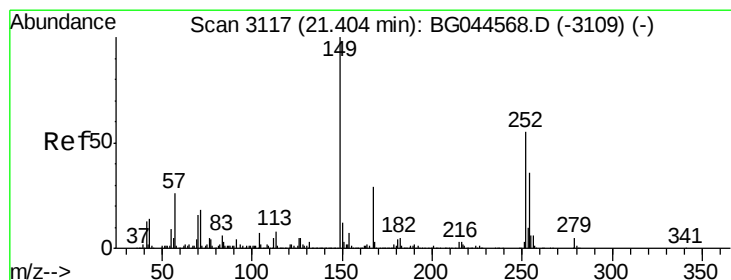
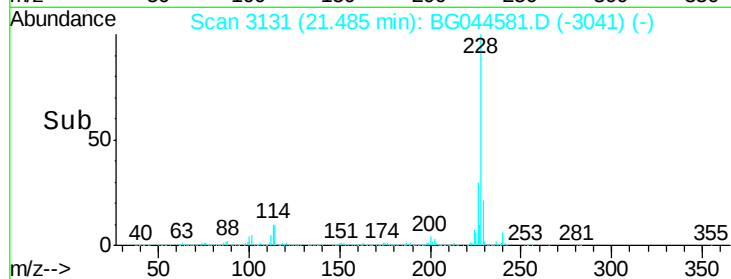
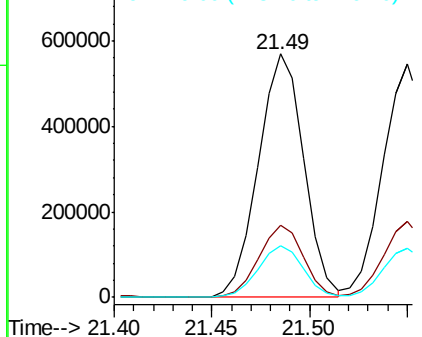
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.8	35.8
229	21.5	17.2	25.8

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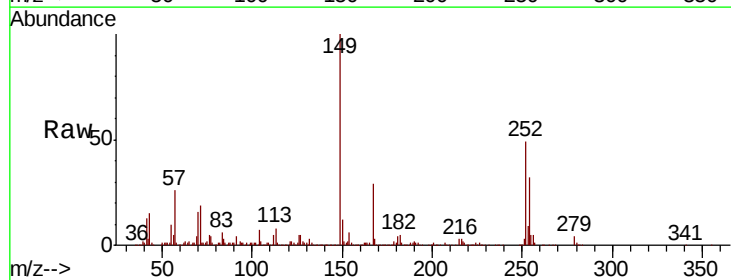


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

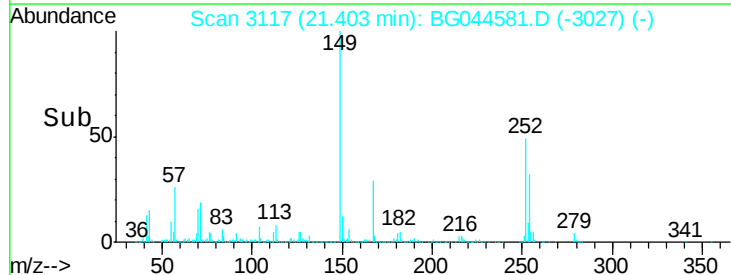
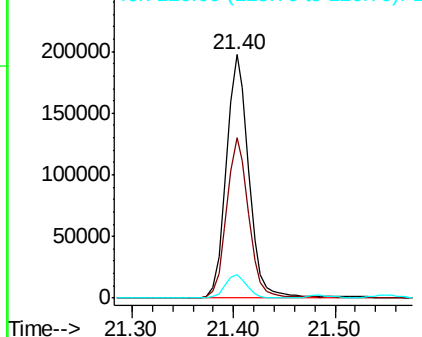


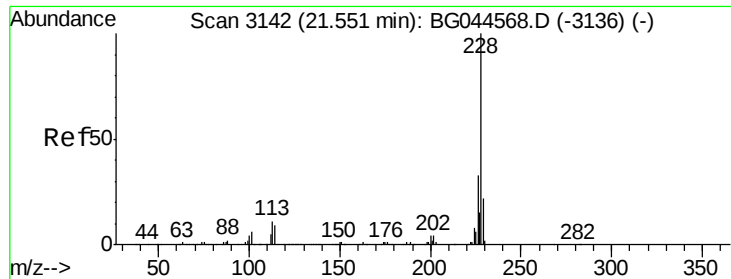
#82
3,3'-Dichlorobenzidine
Concen: 30.869 ng
RT: 21.40 min Scan# 3117
Delta R.T. -0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.0	51.5	77.3
126	9.6	7.8	11.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





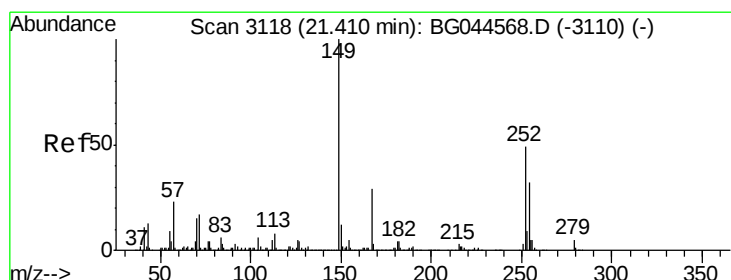
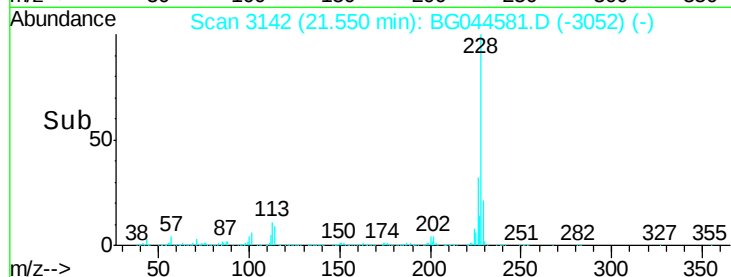
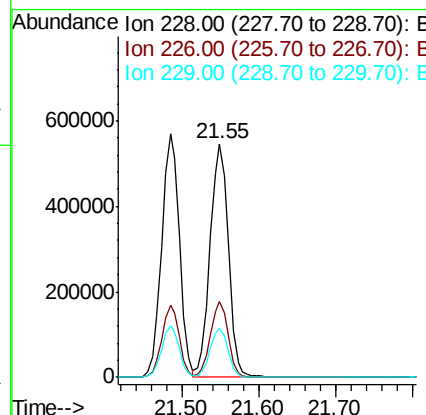
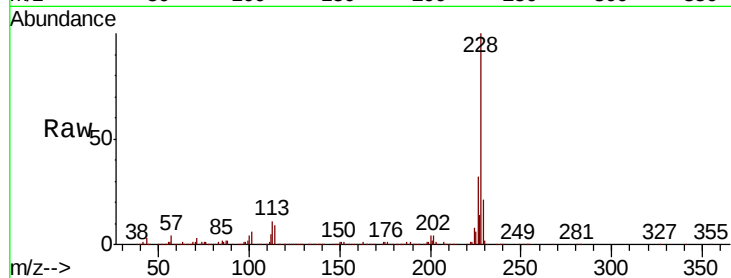
#83
 Chrysene
 Concen: 36.765 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BG044581.D
 Acq: 25 Feb 2020 17:56

Instrument :
 BNA_G
 ClientSampleId :
 PB127067BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.3	26.1	39.1
229	21.3	17.2	25.8

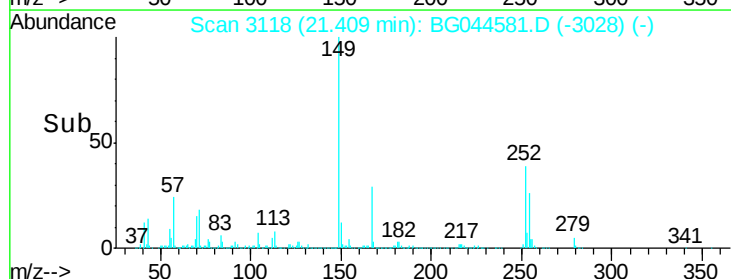
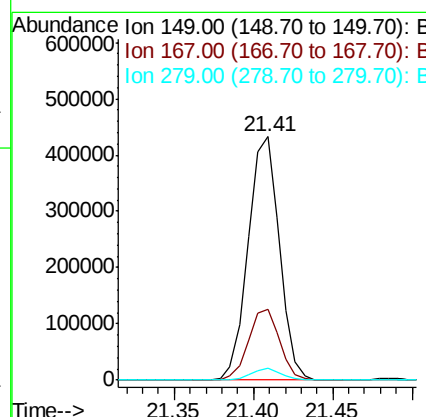
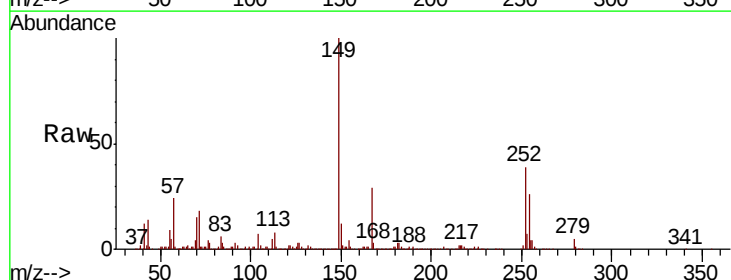
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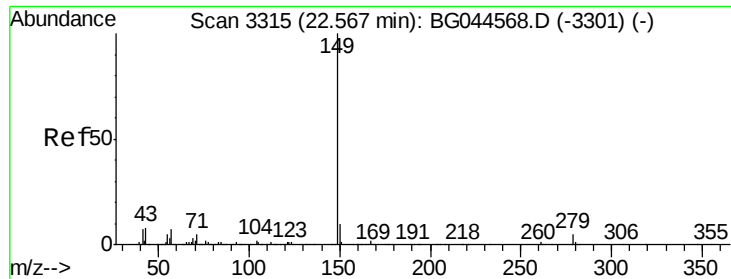
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.943 ng
 RT: 21.41 min Scan# 3118
 Delta R.T. -0.00 min
 Lab File: BG044581.D
 Acq: 25 Feb 2020 17:56

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.0	23.4	35.0
279	4.9	4.2	6.4





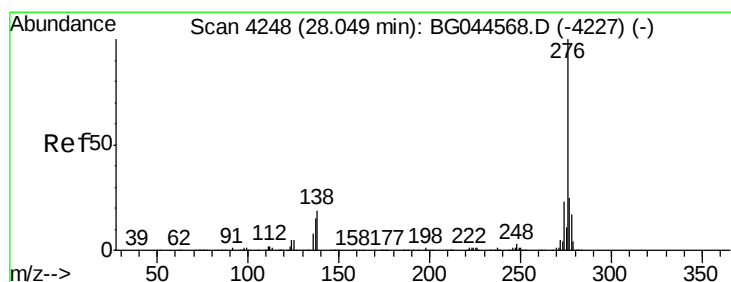
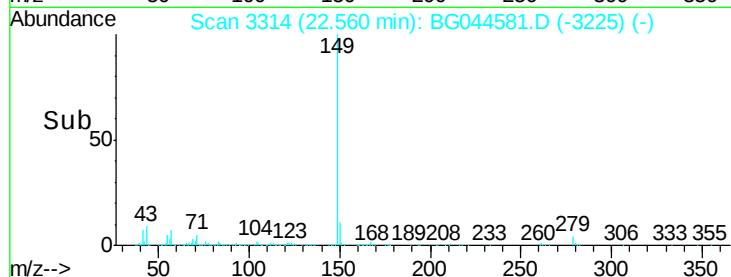
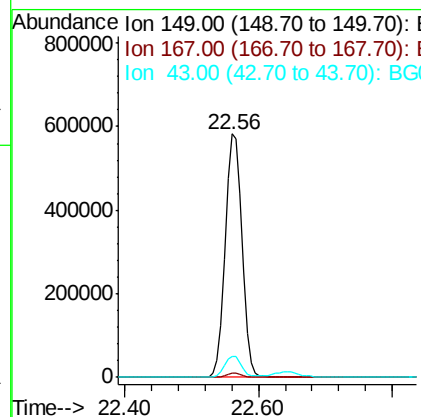
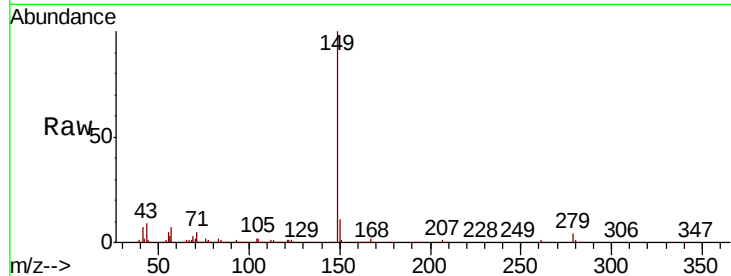
#85
Di-n-octyl phthalate
Concen: 38.053 ng
RT: 22.56 min Scan# 3314
Delta R.T. -0.01 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Instrument :
BNA_G
ClientSampleId :
PB127067BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	8.6	6.6	10.0

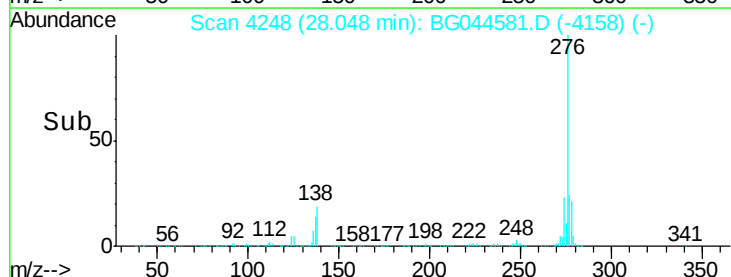
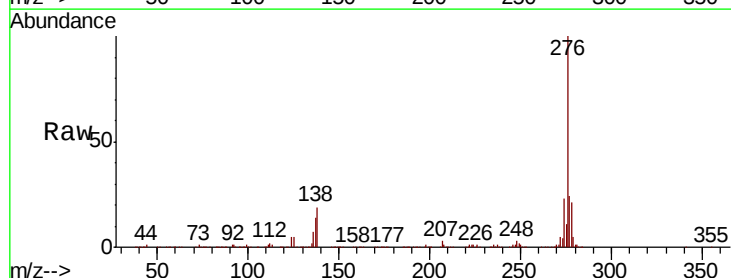
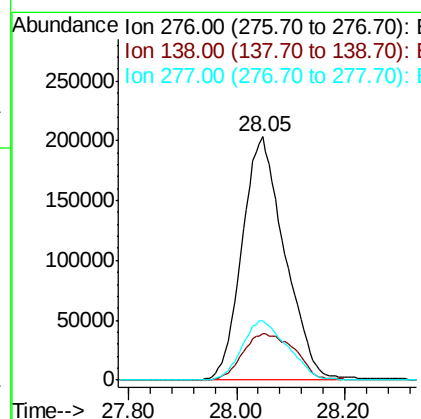
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#86
Indeno(1,2,3-cd)pyrene
Concen: 35.813 ng
RT: 28.05 min Scan# 4248
Delta R.T. -0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.3	18.2	27.4
277	26.1	20.7	31.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.57 min Scan# 3656

Delta R.T. -0.00 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

Instrument :

BNA_G

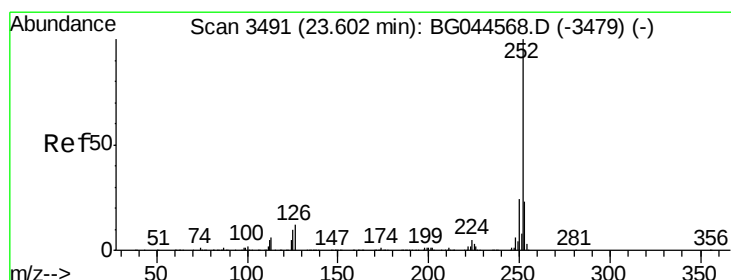
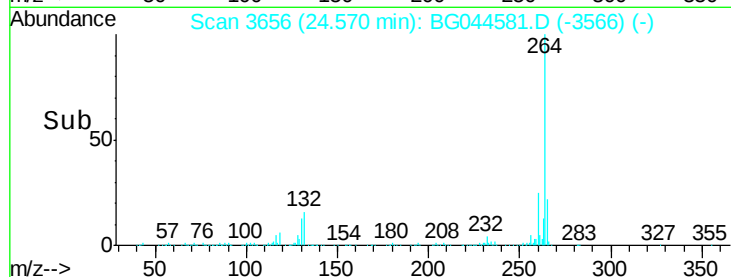
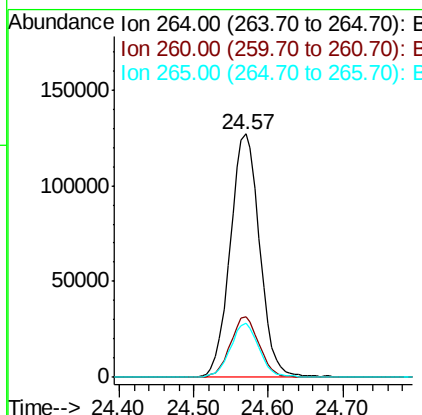
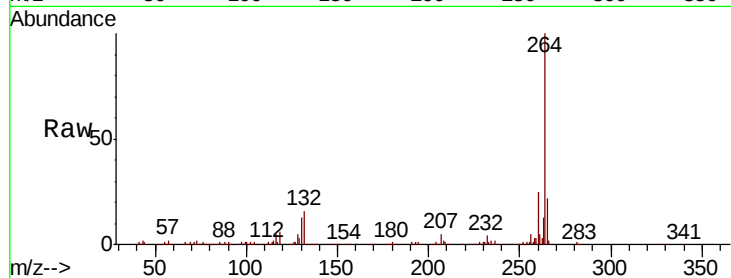
ClientSampleId :

PB127067BS

Tot Ion:	264	Resp:	348205
Ion Ratio	Lower	Upper	
264	100		
260	25.0	19.7	29.5
265	22.0	17.8	26.8

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#88

Benzo(b)fluoranthene

Concen: 43.025 ng

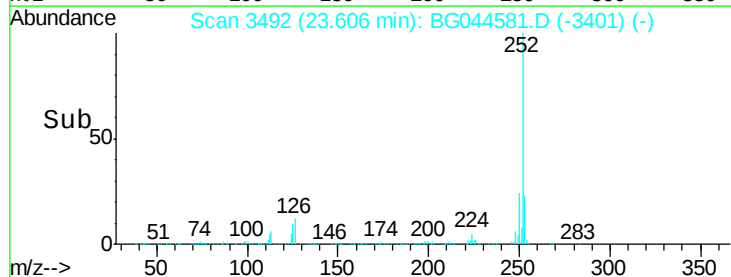
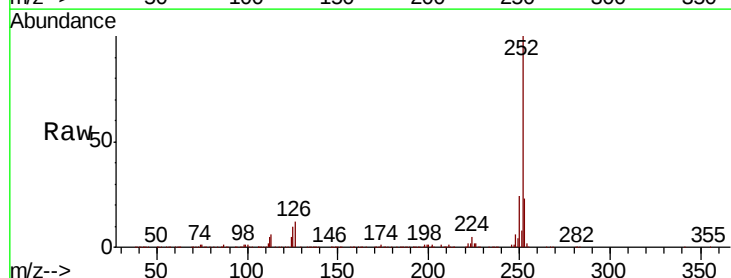
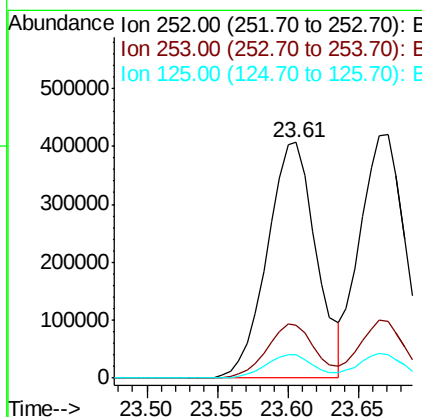
RT: 23.61 min Scan# 3492

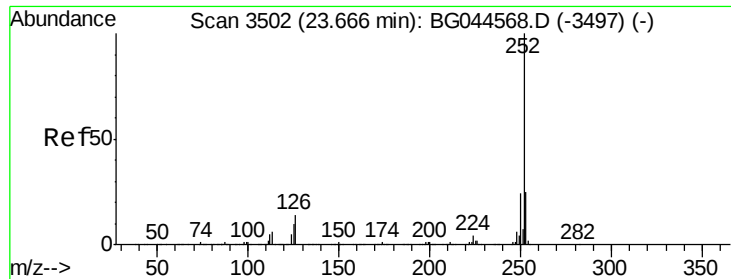
Delta R.T. 0.00 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

Tgt Ion:	252	Resp:	985018
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.4	27.6
125	9.8	7.9	11.9





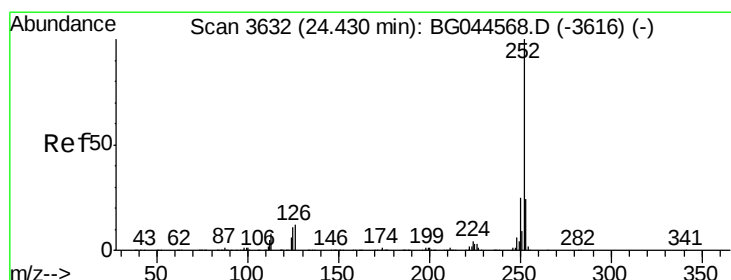
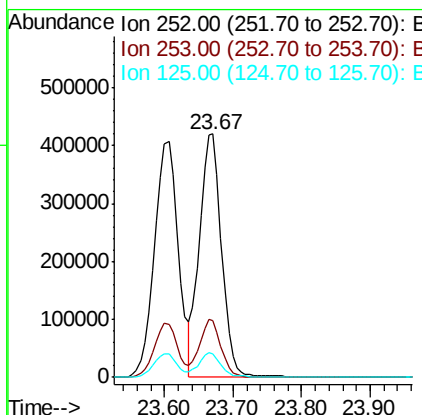
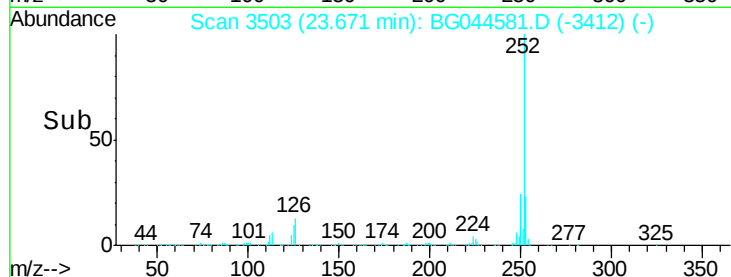
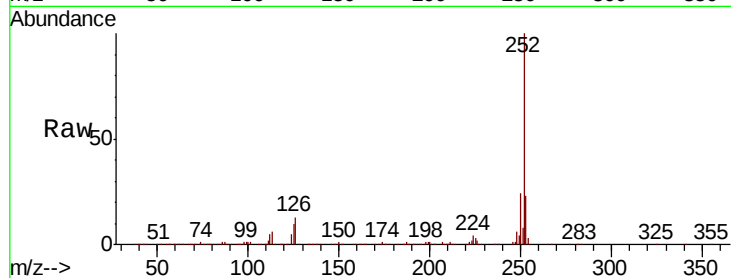
#89
Benzo(k)fluoranthene
Concen: 42.750 ng
RT: 23.67 min Scan# 3503
Delta R.T. 0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Instrument :
BNA_G
ClientSampleId :
PB127067BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.0	28.6
125	9.8	7.8	11.8

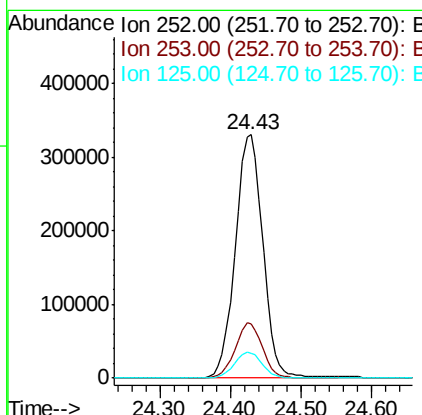
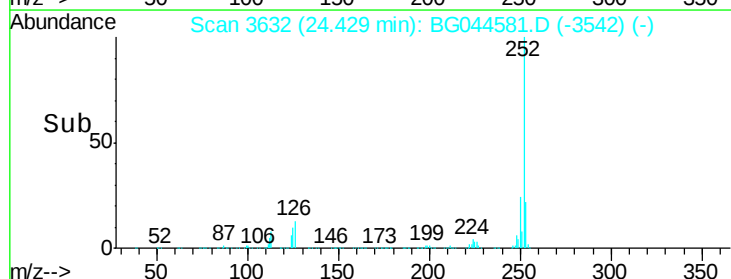
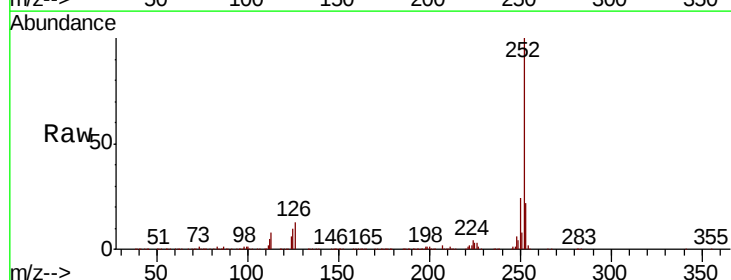
Manual Integrations
APPROVED

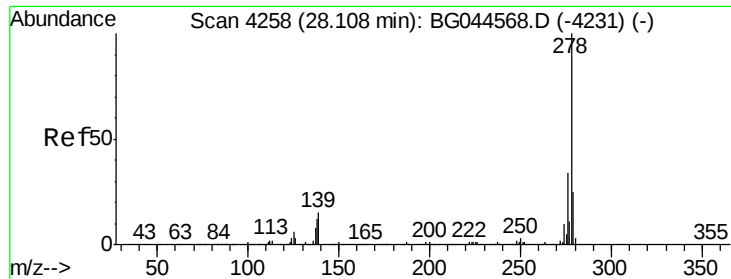
mohammad
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#90
Benzo(a)pyrene
Concen: 41.587 ng
RT: 24.43 min Scan# 3632
Delta R.T. -0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	19.0	28.4
125	10.4	8.5	12.7





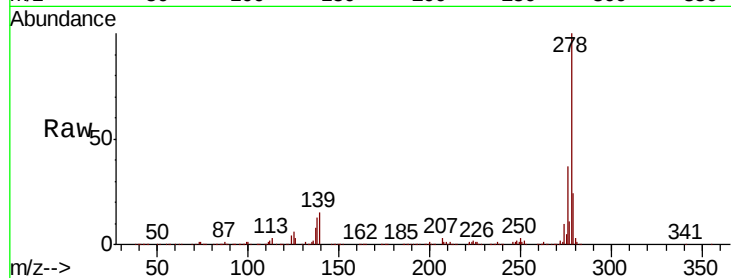
#91
Dibenzo(a,h)anthracene
Concen: 43.813 ng
RT: 28.10 min Scan# 4257
Delta R.T. -0.01 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Instrument :
BNA_G
ClientSampleId :
PB127067BS

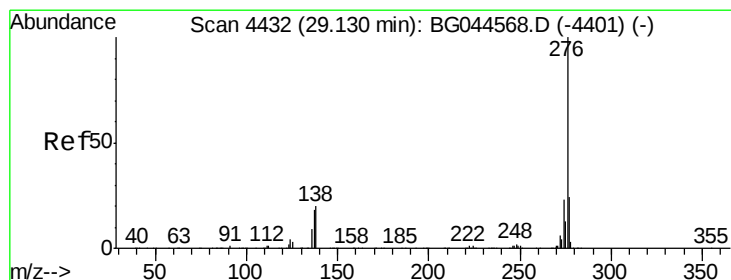
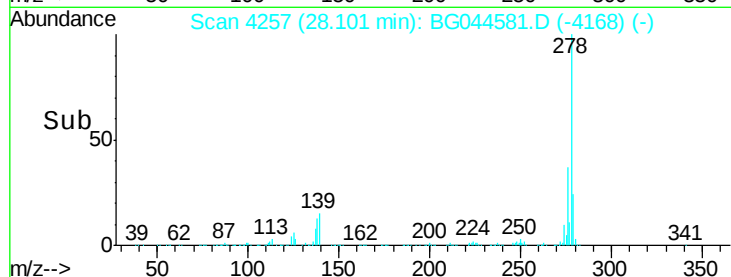
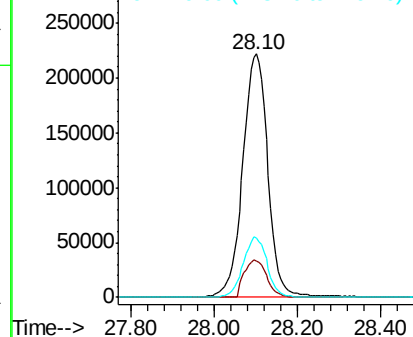
Tot Ion	Ratio	Lower	Upper
278	100		
139	14.6	11.7	17.5
279	24.5	19.8	29.6

Manual Integrations
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mohammad
2/27/2020 5:03:02 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 44.529 ng
RT: 29.13 min Scan# 4432
Delta R.T. -0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.5	29.3
138	20.1	16.1	24.1

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

