

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060220\
 Data File : BG045572.D
 Acq On : 2 Jun 2020 10:53
 Operator : CG/JU
 Sample : PB129213BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129213BS

Manual Integrations
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 6/3/2020 4:35:20 PM

Quant Time: Jun 02 11:33:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	54367	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	216593	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	160048	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	394037	20.00	ng	0.00
76) Chrysene-d12	21.61	240	379106	20.00	ng	0.00
87) Perylene-d12	24.76	264	399148	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	445780	160.24	ng	0.00
7) Phenol-d6	7.15	99	614003	155.07	ng	0.00
23) Nitrobenzene-d5	9.12	82	394687	99.37	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	311849	152.36	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	900113	95.40	ng	0.00
79) Terphenyl-d14	19.96	244	1650990	101.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	55562	40.276	ng	98
3) Pyridine	3.80	79	126899	33.029	ng	95
4) n-Nitrosodimethylamine	3.71	42	60793	48.355	ng	88
6) Aniline	7.28	93	204625	39.589	ng	98
8) 2-Chlorophenol	7.53	128	158980	52.112	ng	97
9) Benzaldehyde	7.08	77	98908	38.341	ng	93
10) Phenol	7.18	94	208215	51.023	ng	98
11) bis(2-Chloroethyl)ether	7.37	93	144764	45.480	ng	99
12) 1,3-Dichlorobenzene	7.84	146	170515	46.511	ng	99
13) 1,4-Dichlorobenzene	7.99	146	169155	46.754	ng	98
14) 1,2-Dichlorobenzene	8.31	146	160068	46.000	ng	99
15) Benzyl Alcohol	8.20	79	162426	49.658	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.49	45	136856	45.295	ng	99
17) 2-Methylphenol	8.42	107	142614	46.690	ng	98
18) Hexachloroethane	9.04	117	68308	49.296	ng	97
19) n-Nitroso-di-n-propylamine	8.76	70	132224	48.291	ng	99
20) 3+4-Methylphenols	8.75	107	195398	46.978	ng	95
22) Acetophenone	8.77	105	235295	45.835	ng	96
24) Nitrobenzene	9.16	77	198574	46.663	ng	99
25) Isophorone	9.68	82	368986	47.172	ng	98
26) 2-Nitrophenol	9.87	139	91493	50.260	ng	95
27) 2,4-Dimethylphenol	9.95	122	146496	54.258	ng	97
28) bis(2-Chloroethoxy)methane	10.17	93	202504	49.365	ng	94
29) 2,4-Dichlorophenol	10.43	162	162598	50.998	ng	99
30) 1,2,4-Trichlorobenzene	10.63	180	177447	47.100	ng	95
31) Naphthalene	10.81	128	476215	47.182	ng	98
32) Benzoic acid	10.12	122	92791	50.003	ng	96
33) 4-Chloroaniline	10.92	127	134618	31.908	ng	97
34) Hexachlorobutadiene	11.10	225	121138	45.487	ng	97
35) Caprolactam	11.69	113	64028m	54.712	ng	
36) 4-Chloro-3-methylphenol	12.08	107	190985	53.159	ng	95
37) 2-Methylnaphthalene	12.42	142	365742	48.618	ng	98
38) 1-Methylnaphthalene	12.64	142	344874	48.531	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	204589	45.765	ng	99

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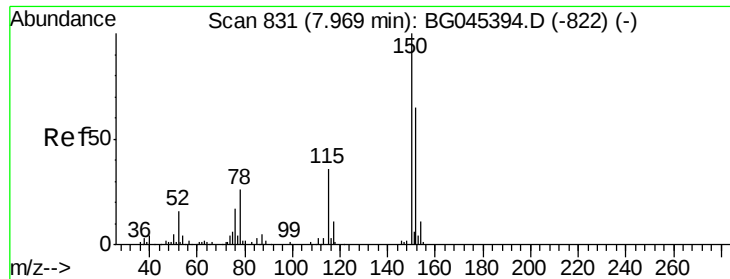
Manual Integrations
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Quant Time: Jun 02 11:33:18 2020
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 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	251626	97.521	nq	99
43) 2,4,6-Trichlorophenol	13.04	196	149713	48.210	nq	99
44) 2,4,5-Trichlorophenol	13.13	196	157683	44.434	nq	97
46) 1,1'-Biphenyl	13.43	154	471626	47.958	nq	99
47) 2-Chloronaphthalene	13.47	162	359026	44.958	nq	99
48) 2-Nitroaniline	13.67	65	126737	48.246	nq	99
49) Acenaphthylene	14.32	152	609784	47.539	nq	97
50) Dimethylphthalate	14.06	163	520464	47.405	nq	100
51) 2,6-Dinitrotoluene	14.17	165	117254	47.328	nq	95
52) Acenaphthene	14.66	154	446658m	52.020	nq	
53) 3-Nitroaniline	14.51	138	86446	34.325	nq	99
54) 2,4-Dinitrophenol	14.71	184	135285	83.131	nq	96
55) Dibenzofuran	15.00	168	596113	46.751	nq	97
56) 4-Nitrophenol	14.85	139	186640	97.886	nq	91
57) 2,4-Dinitrotoluene	14.97	165	175593	48.939	nq	# 98
58) Fluorene	15.65	166	492036	46.971	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.24	232	152513	48.850	nq	98
60) Diethylphthalate	15.42	149	544239	47.625	nq	98
61) 4-Chlorophenyl-phenylether	15.64	204	275795	46.009	nq	99
62) 4-Nitroaniline	15.68	138	126278	48.030	nq	97
63) Azobenzene	15.94	77	510572	47.916	nq	99
65) 4,6-Dinitro-2-methylphenol	15.74	198	110792	48.278	nq	99
66) n-Nitrosodiphenylamine	15.86	169	453829	47.969	nq	95
67) 4-Bromophenyl-phenylether	16.53	248	192974	45.227	nq	96
68) Hexachlorobenzene	16.66	284	213487	47.838	nq	99
69) Atrazine	16.81	200	183568	47.107	nq	98
70) Pentachlorophenol	17.01	266	218531	94.308	nq	97
71) Phenanthrene	17.39	178	832585	48.401	nq	99
72) Anthracene	17.48	178	858229	49.681	nq	99
73) Carbazole	17.75	167	822137	48.824	nq	100
74) Di-n-butylphthalate	18.31	149	975735	48.278	nq	99
75) Fluoranthene	19.40	202	1052219	48.091	nq	99
77) Benzidine	19.58	184	517849	48.636	nq	99
78) Pyrene	19.76	202	1058285	48.971	nq	99
80) Butylbenzylphthalate	20.65	149	426123	45.683	nq	99
81) Benzo(a)anthracene	21.59	228	1001781	47.436	nq	99
82) 3,3'-Dichlorobenzidine	21.50	252	303881	36.683	nq	100
83) Chrysene	21.66	228	955083	47.033	nq	100
84) Bis(2-ethylhexyl)phthalate	21.50	149	600415	46.826	nq	100
85) Di-n-octyl phthalate	22.69	149	1010970	45.906	nq	100
86) Indeno(1,2,3-cd)pyrene	28.34	276	1216141	45.798	nq	98
88) Benzo(b)fluoranthene	23.77	252	1054689	49.269	nq	99
89) Benzo(k)fluoranthene	23.82	252	1020495	50.742	nq	99
90) Benzo(a)pyrene	24.61	252	954499	47.876	nq	98
91) Dibenzo(a,h)anthracene	28.40	278	1006432	50.235	nq	97
92) Benzo(g,h,i)perylene	29.45	276	1016143	50.713	nq	98

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



#1

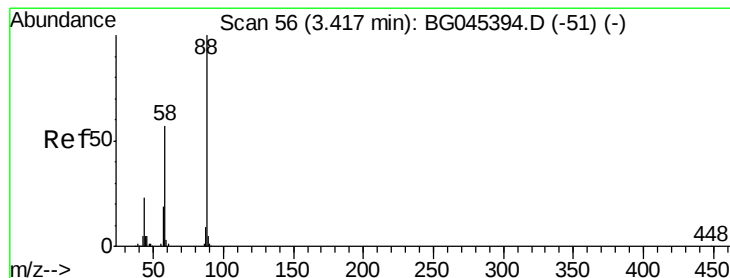
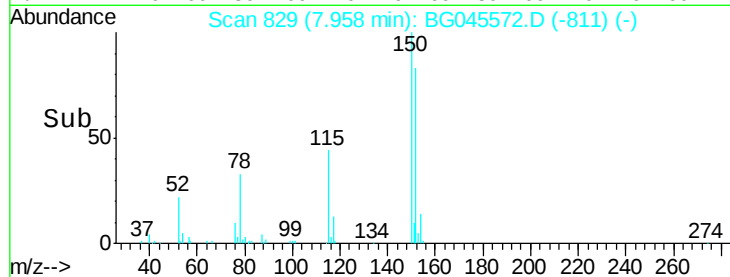
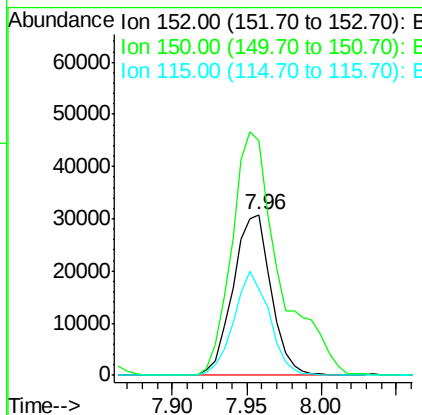
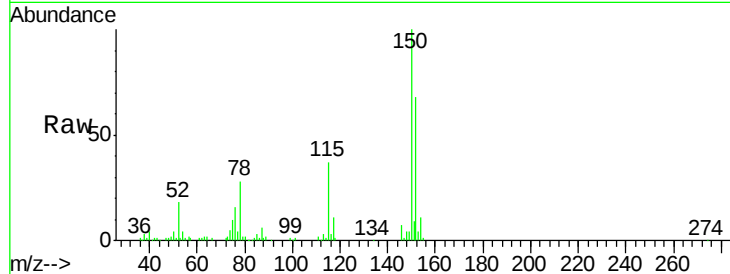
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. 0.01 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Instrument :
BNA_G
ClientSampleId :
PB129213BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.0	122.4	183.6
115	53.5	44.2	66.4

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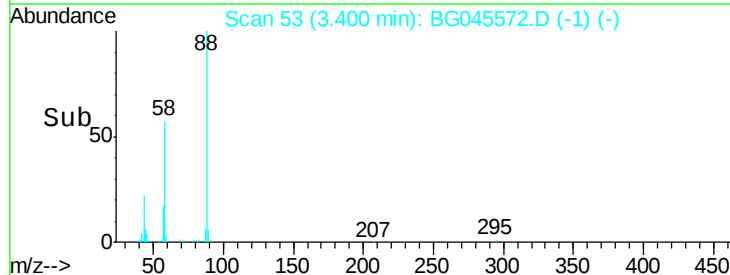
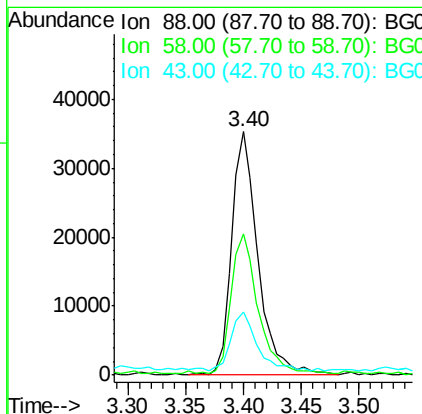
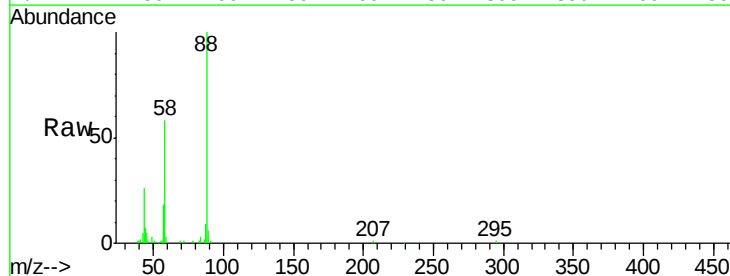
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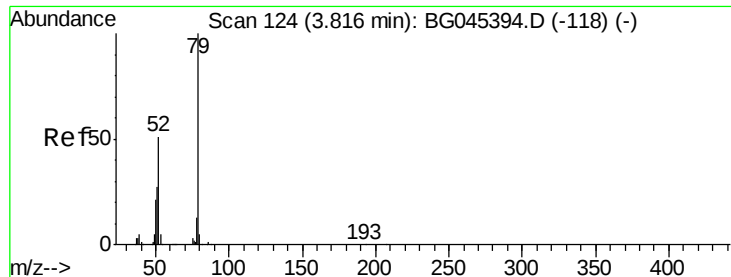


#2

1,4-Dioxane
Concen: 40.276 ng
RT: 3.40 min Scan# 53
Delta R.T. 0.00 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	57.9	45.7	68.5
43	23.8	16.8	25.2





#3

Pvridine

Concen: 33.029 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG045572.D

Acq: 2 Jun 2020 10:53

Instrument :

BNA_G

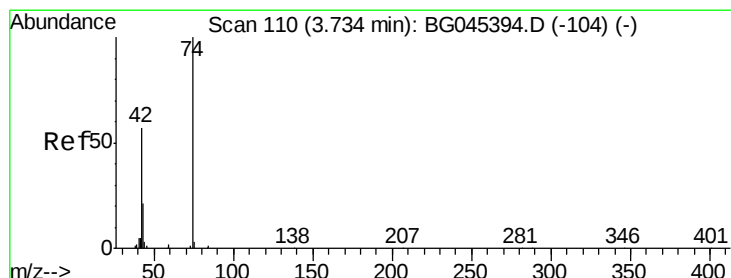
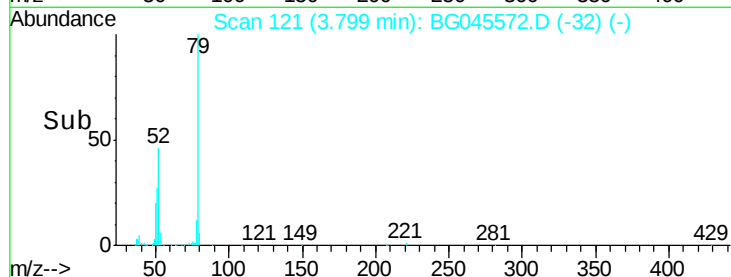
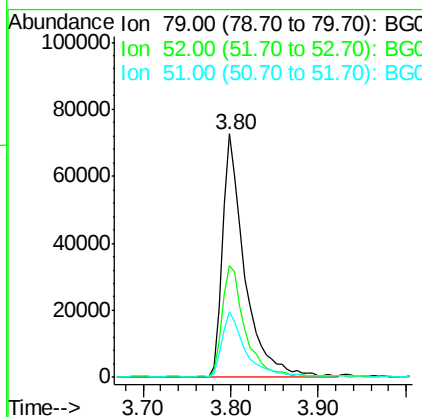
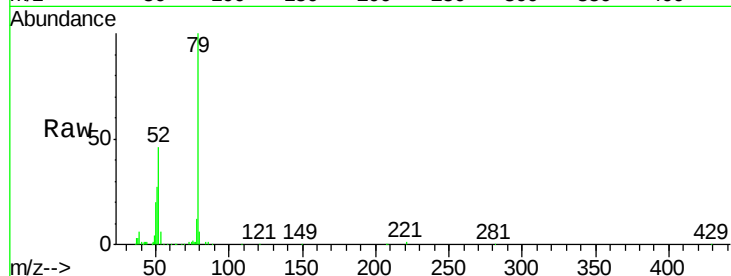
ClientSampleId :

PB129213BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		126899		
52	45.8		40.8	61.2	
51	27.2		21.9	32.9	

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 48.355 ng

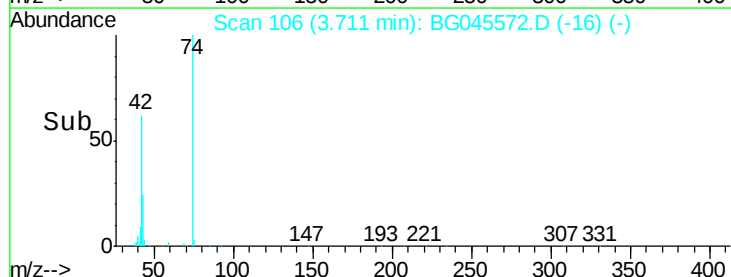
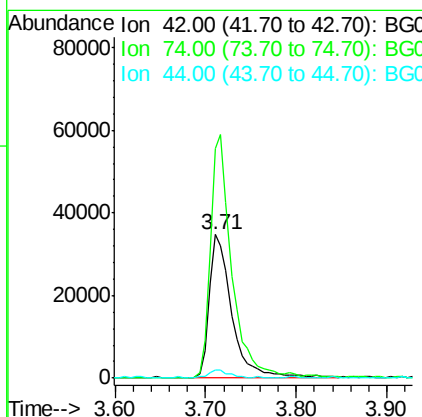
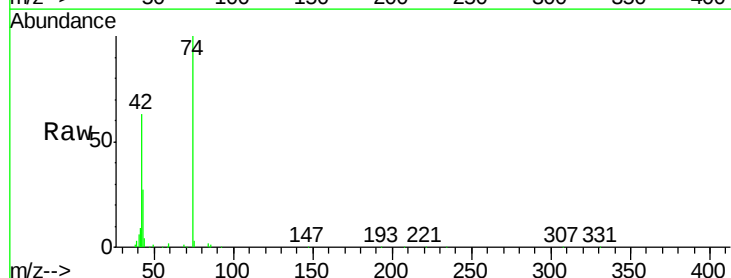
RT: 3.71 min Scan# 106

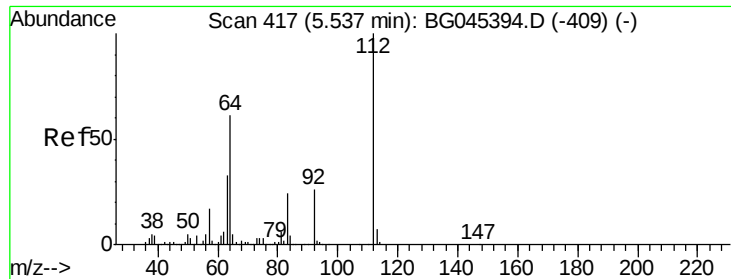
Delta R.T. 0.00 min

Lab File: BG045572.D

Acq: 2 Jun 2020 10:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		60793		
74	159.9		141.3	211.9	
44	5.8		4.2	6.4	





#5

2-Fluorophenol

Concen: 160.242 ng

RT: 5.54 min Scan# 418

Delta R.T. 0.01 min

Lab File: BG045572.D

Acq: 2 Jun 2020 10:53

Instrument :

BNA_G

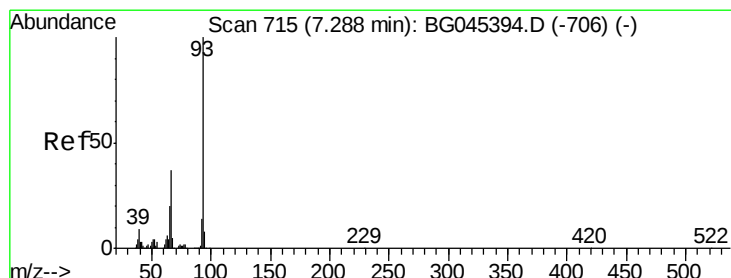
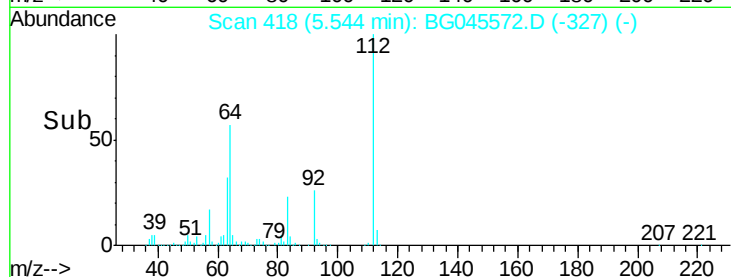
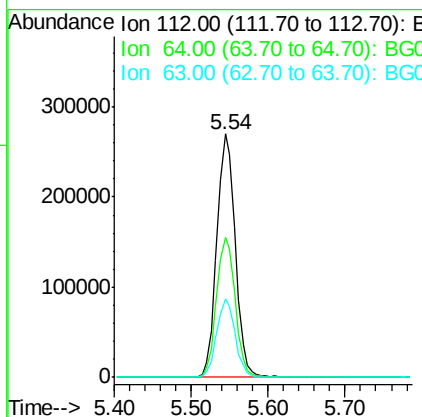
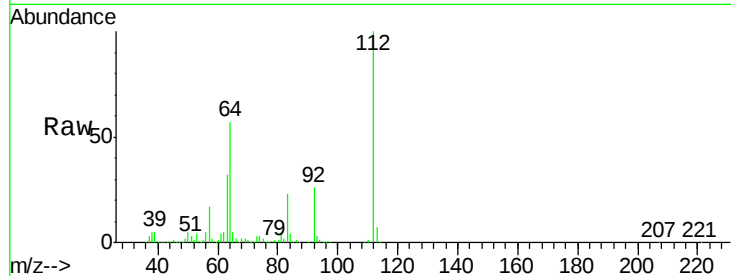
ClientSampleId :

PB129213BS

Tot Ion:	112	Resp:	445780
Ion Ratio	Lower	Upper	
112	100		
64	57.5	48.6	72.8
63	32.5	26.5	39.7

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#6

Aniline

Concen: 39.589 ng

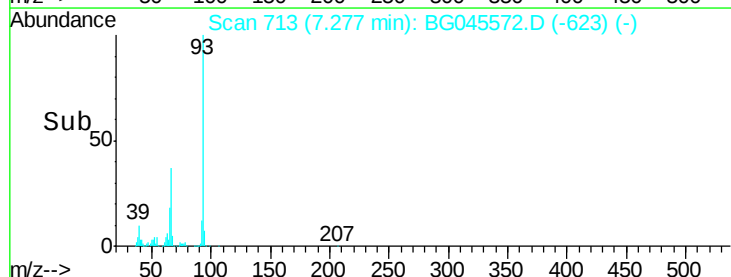
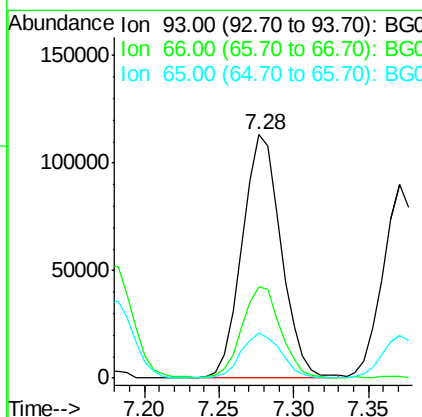
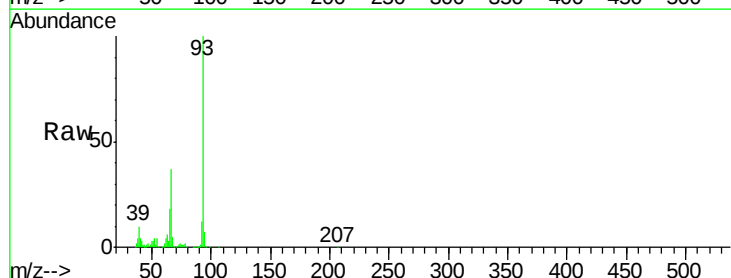
RT: 7.28 min Scan# 713

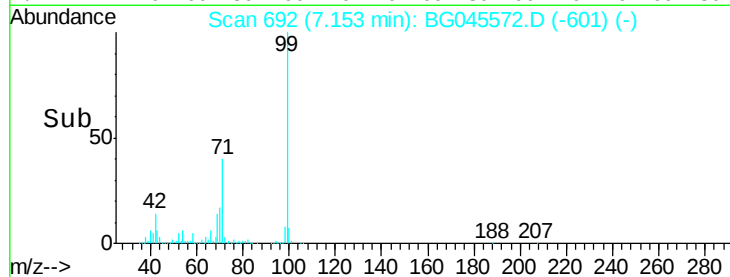
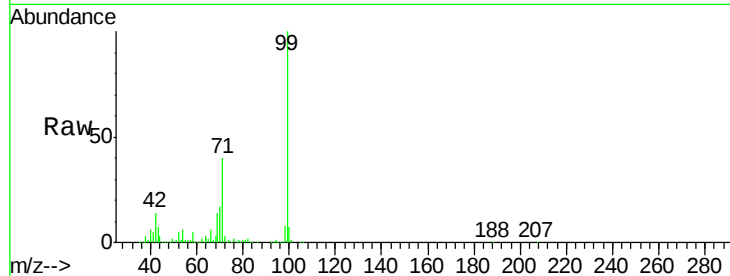
Delta R.T. 0.00 min

Lab File: BG045572.D

Acq: 2 Jun 2020 10:53

Tgt Ion:	93	Resp:	204625
Ion Ratio	Lower	Upper	
93	100		
66	37.4	29.6	44.4
65	18.5	15.9	23.9





#7

Phenol-d6

Concen: 155.071 ng

RT: 7.15 min Scan# 692

Delta R.T. 0.01 min

Lab File: BG045572.D

Acq: 2 Jun 2020 10:53

Tot Ion:	99	Resp:	614003
Ion Ratio	Lower	Upper	
99	100		
42	14.5	11.3	16.9
71	39.8	30.8	46.2

Instrument :

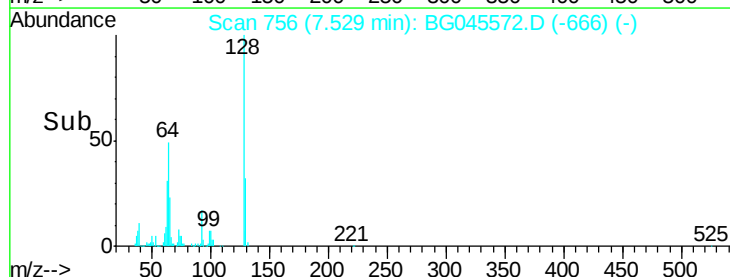
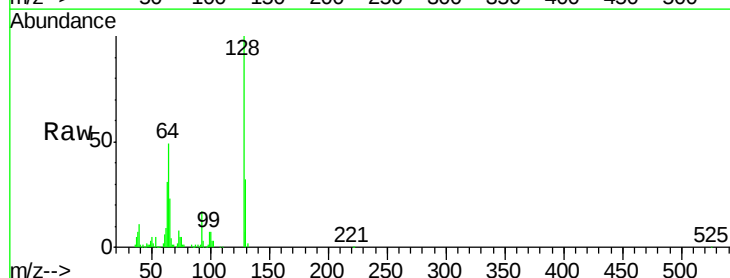
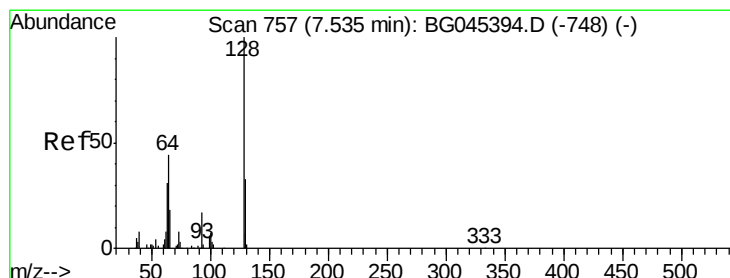
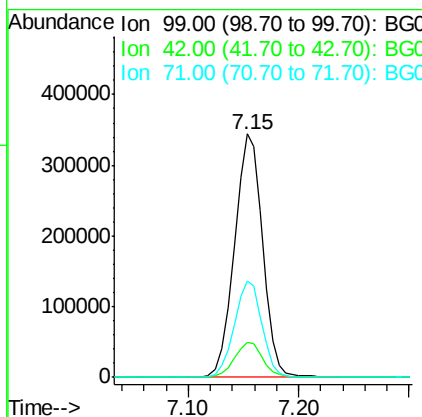
BNA_G

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#8

2-Chlorophenol

Concen: 52.112 ng

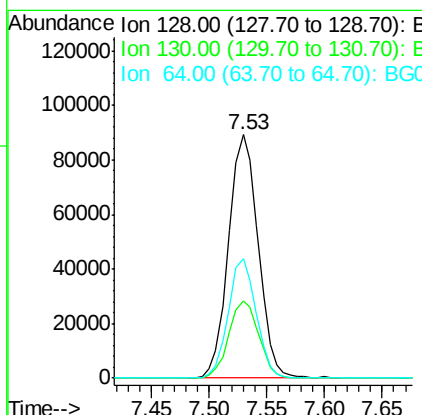
RT: 7.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG045572.D

Acq: 2 Jun 2020 10:53

Tgt Ion:	128	Resp:	158980
Ion Ratio	Lower	Upper	
128	100		
130	31.5	12.6	52.6
64	49.1	27.0	67.0





#9

Benzaldehyde

Concen: 38.341 ng

RT: 7.08 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG045572.D

Acq: 2 Jun 2020 10:53

Instrument :

BNA_G

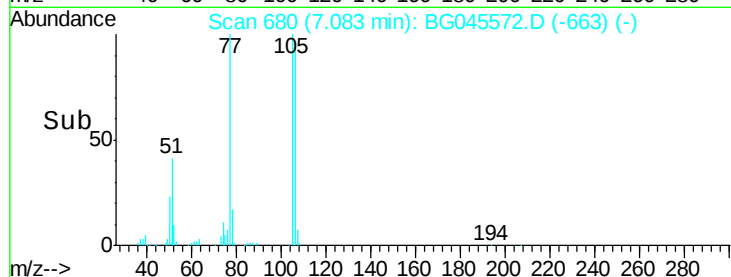
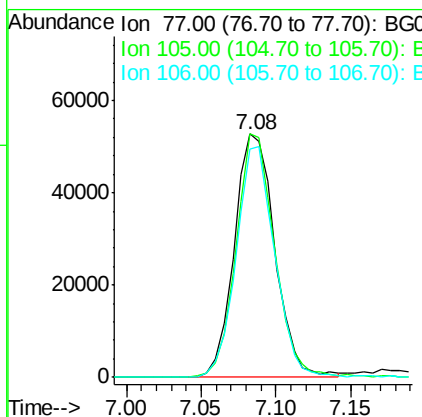
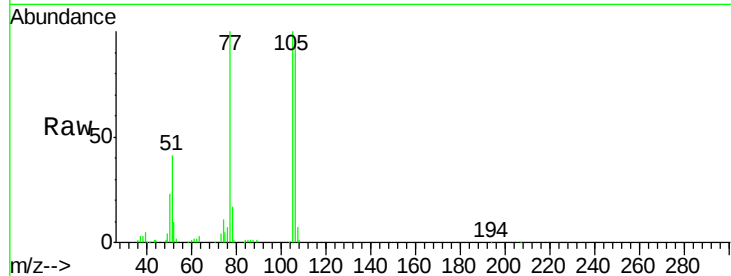
ClientSampleId :

PB129213BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	100.2	68.5	108.5		
106	94.0	71.6	111.6		

Manual Integrations
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#10

Phenol

Concen: 51.023 ng

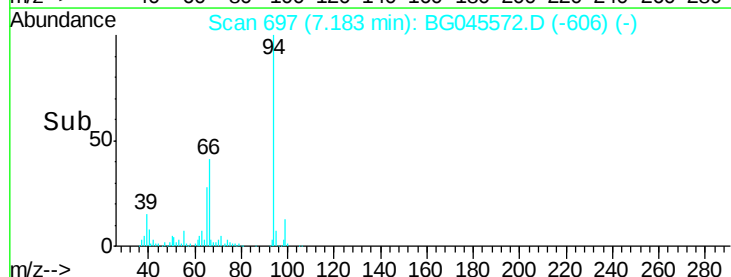
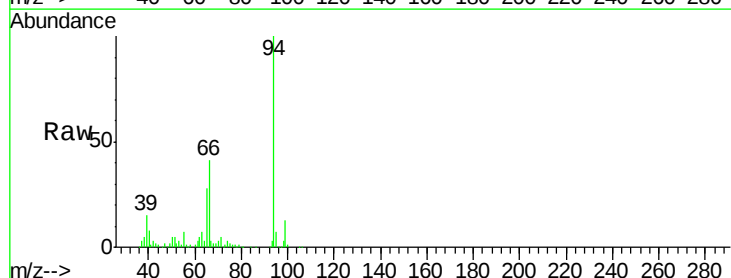
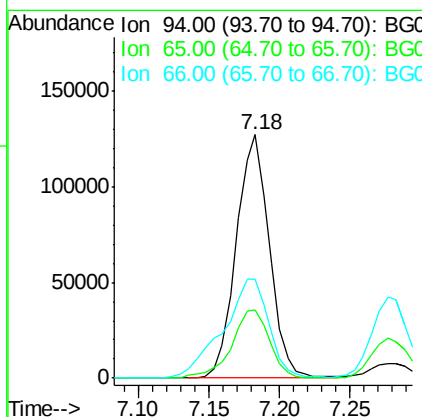
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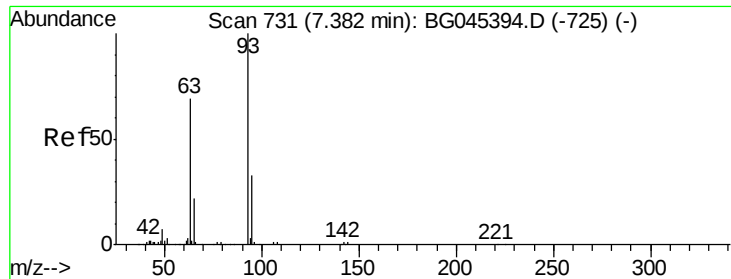
Delta R.T. 0.01 min

Lab File: BG045572.D

Acq: 2 Jun 2020 10:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	28.3	9.8	49.8		
66	40.9	22.0	62.0		





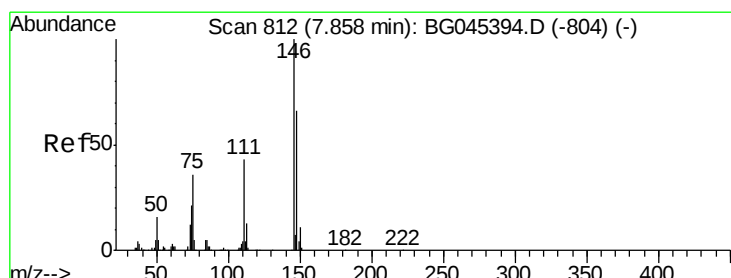
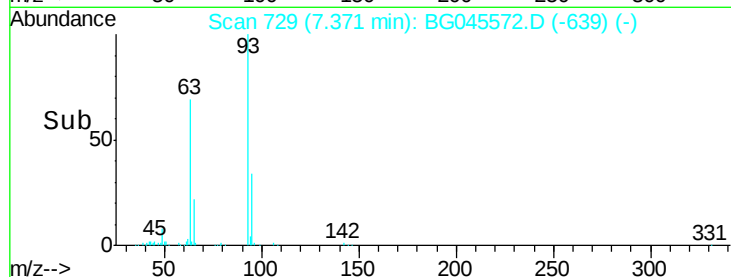
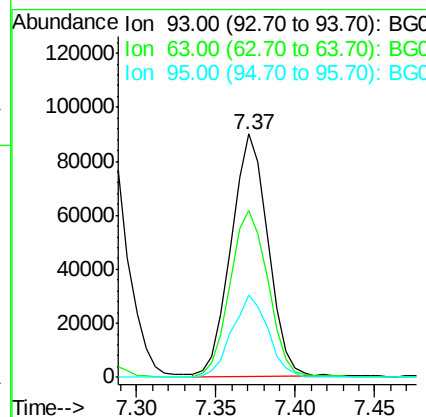
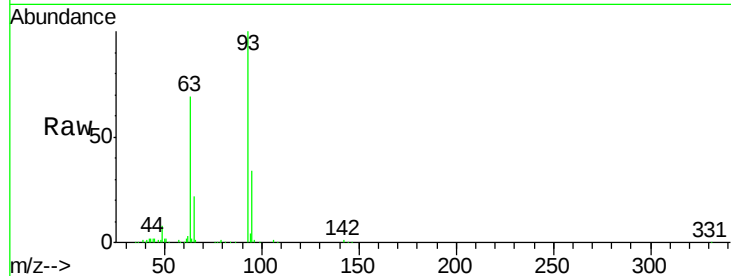
#11
bis(2-Chloroethyl)ether
Concen: 45.480 ng
RT: 7.37 min Scan# 729
Delta R.T. 0.00 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Instrument :
BNA_G
ClientSampleId :
PB129213BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	144764		
63	68.7	48.4	88.4	
95	33.8	12.4	52.4	

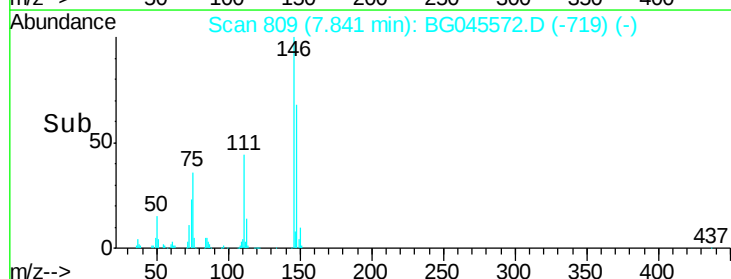
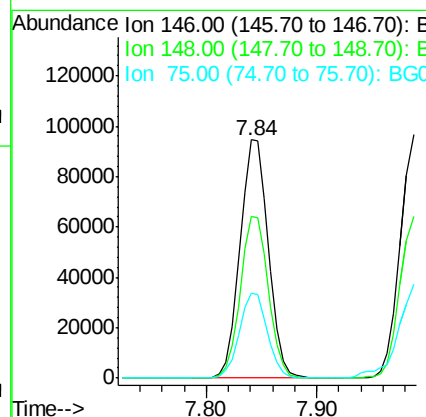
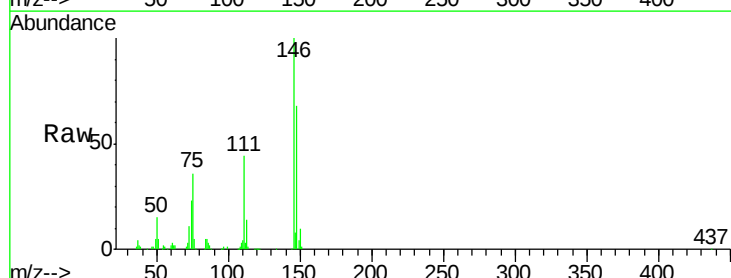
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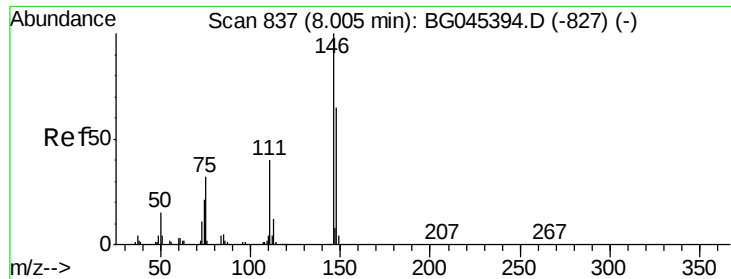
mohammad
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#12
1,3-Dichlorobenzene
Concen: 46.511 ng
RT: 7.84 min Scan# 809
Delta R.T. 0.00 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	170515		
148	68.0	53.2	79.8	
75	35.7	28.6	43.0	





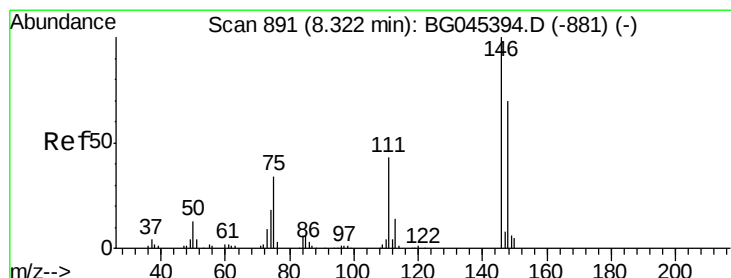
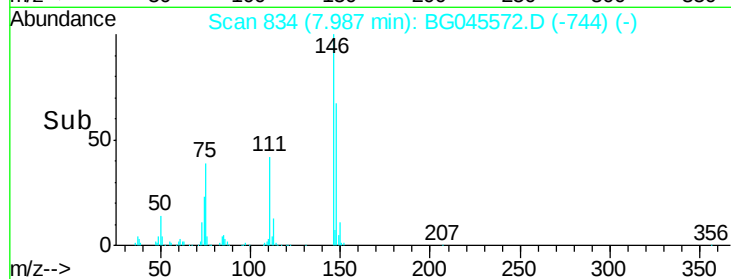
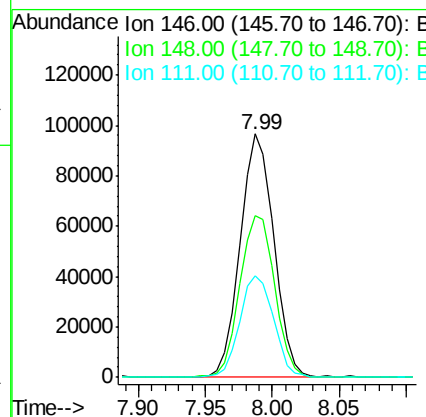
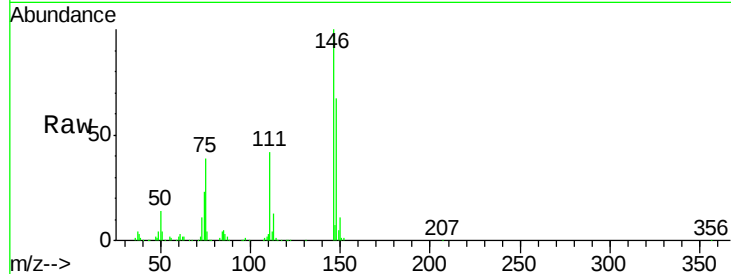
#13
 1,4-Dichlorobenzene
 Concen: 46.754 ng
 RT: 7.99 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BG045572.D
 Acq: 2 Jun 2020 10:53

Instrument :
 BNA_G
 ClientSampleId :
 PB129213BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.6	51.8	77.8
111	41.8	32.1	48.1

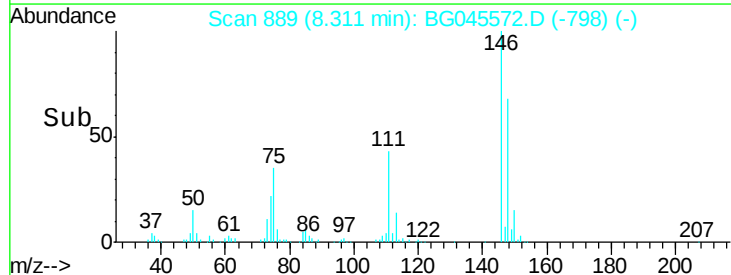
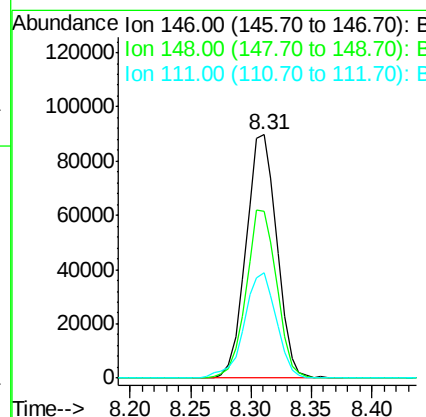
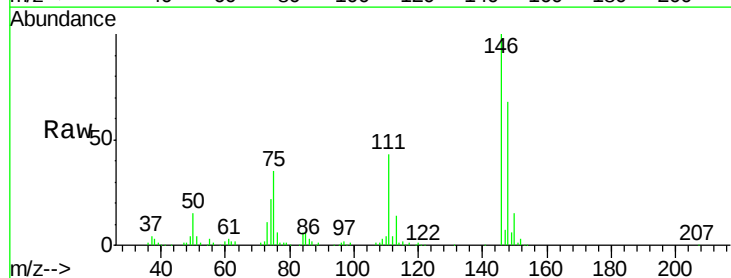
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#14
 1,2-Dichlorobenzene
 Concen: 46.000 ng
 RT: 8.31 min Scan# 889
 Delta R.T. 0.01 min
 Lab File: BG045572.D
 Acq: 2 Jun 2020 10:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.4	55.9	83.9
111	43.5	35.0	52.4





#15

Benzyl Alcohol

Concen: 49.658 ng

RT: 8.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BG045572.D

Acq: 2 Jun 2020 10:53

Instrument :

BNA_G

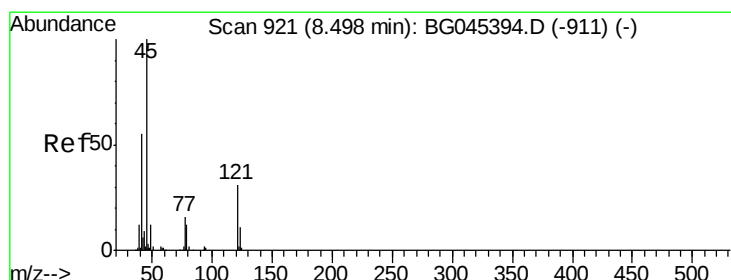
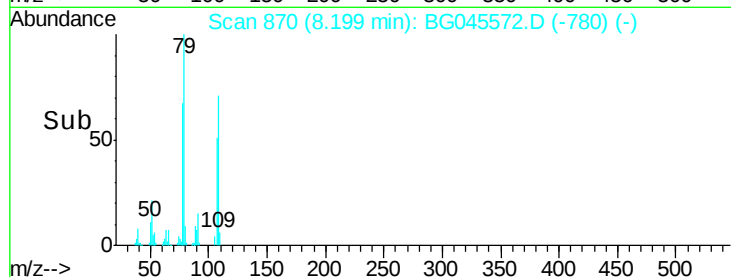
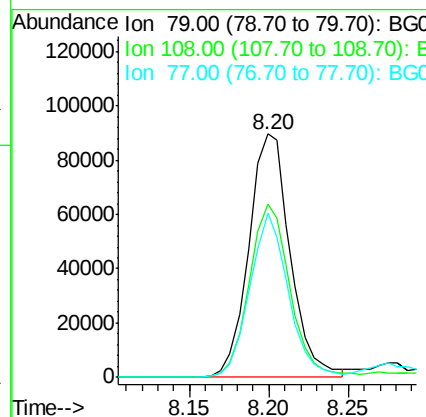
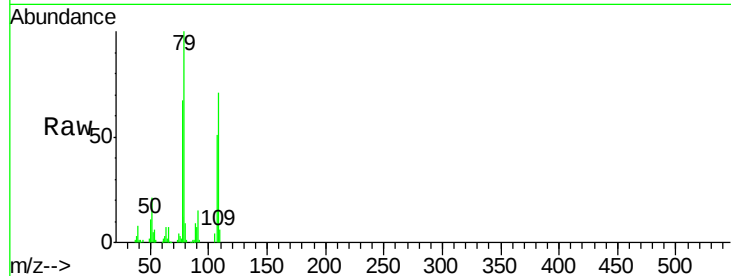
ClientSampleId :

PB129213BS

Tot Ion:	79	Resp:	162426
Ion Ratio	Lower	Upper	
79	100		
108	71.0	58.2	87.4
77	67.2	51.0	76.4

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.295 ng

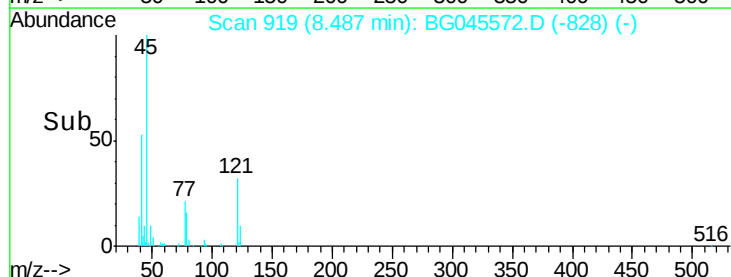
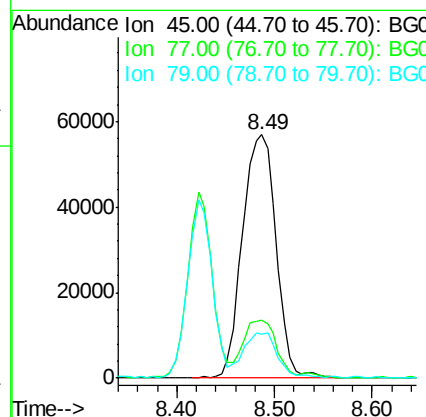
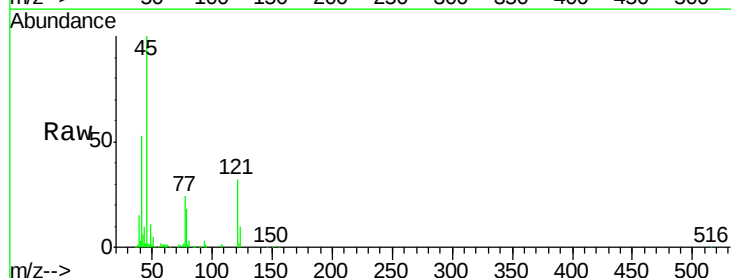
RT: 8.49 min Scan# 919

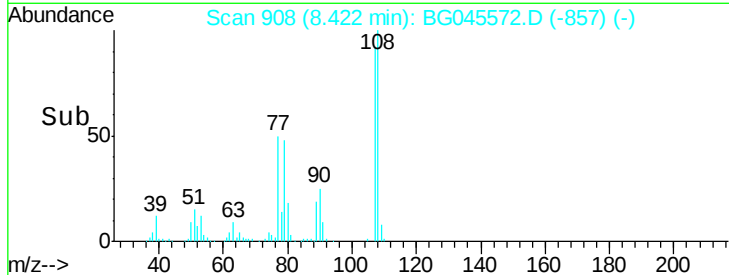
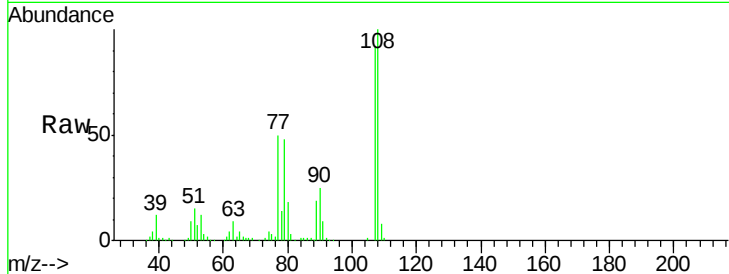
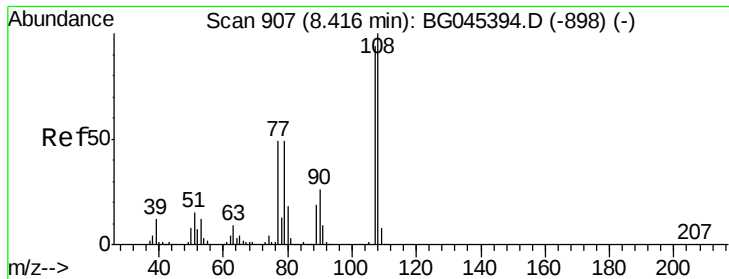
Delta R.T. 0.01 min

Lab File: BG045572.D

Acq: 2 Jun 2020 10:53

Tgt Ion:	45	Resp:	136856
Ion Ratio	Lower	Upper	
45	100		
77	24.0	4.0	44.0
79	18.1	0.0	38.6





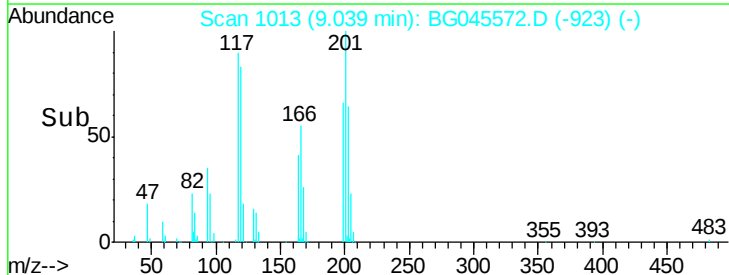
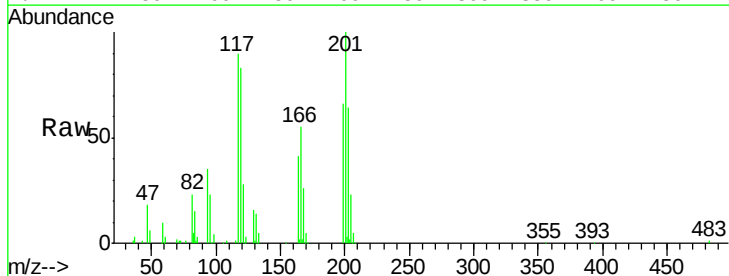
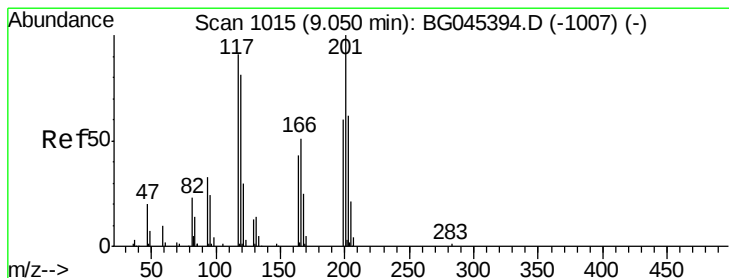
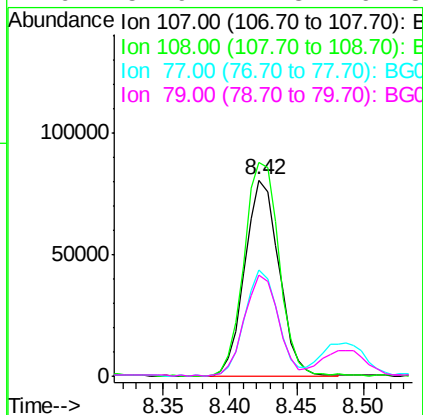
#17
2-Methylphenol
Concen: 46.690 ng
RT: 8.42 min Scan# 908
Delta R.T. 0.00 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Tot Ion	107	Resp	142614
Ion Ratio	Lower	Upper	
107	100		
108	109.0	85.2	127.8
77	54.1	41.6	62.4
79	51.9	41.8	62.8

Instrument :
BNA_G
ClientSampleId :
PB129213BS

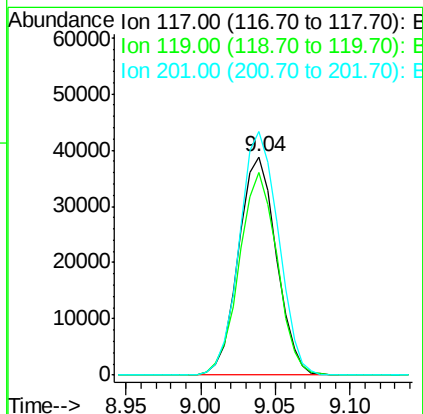
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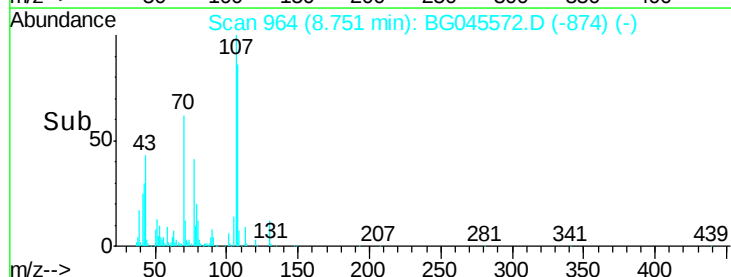
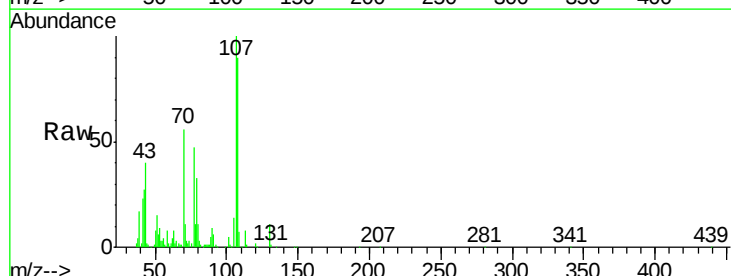
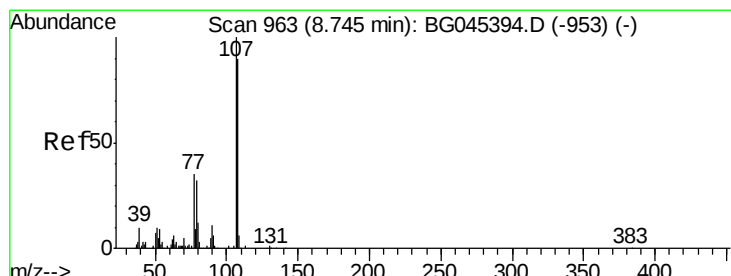
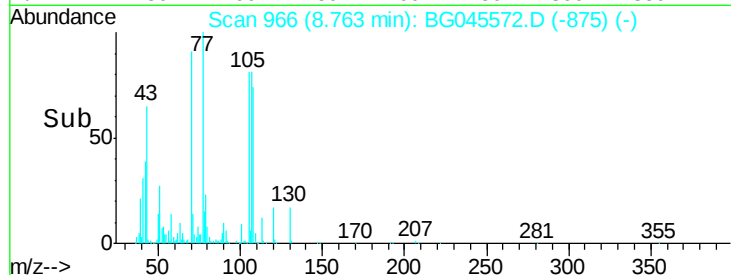
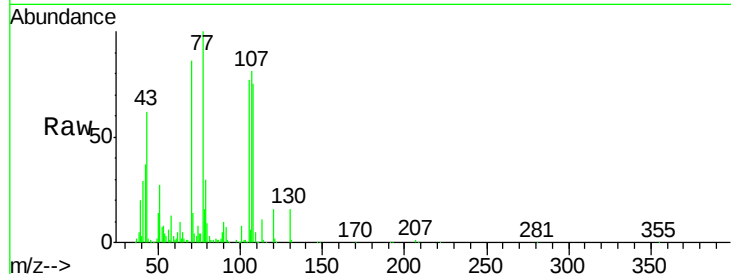
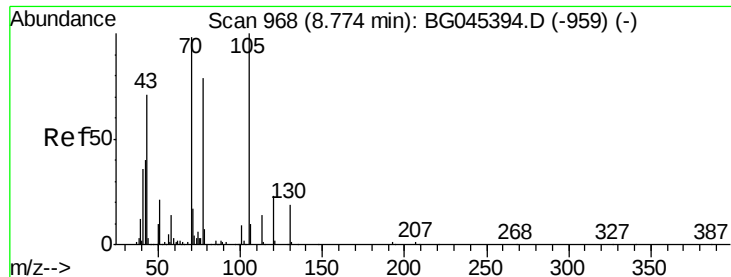
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#18
Hexachloroethane
Concen: 49.296 ng
RT: 9.04 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

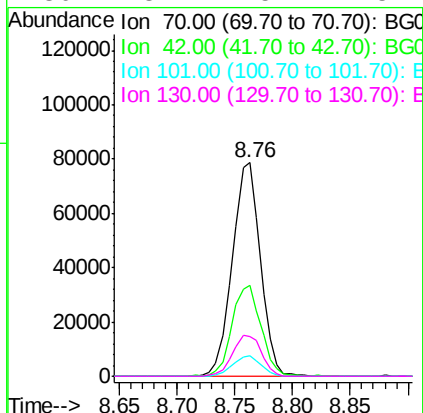
Tgt Ion	117	Resp	68308
Ion Ratio	Lower	Upper	
117	100		
119	93.1	71.3	106.9
201	111.5	87.5	131.3





#19
n-Nitroso-di-n-propylamine
Concen: 48.291 ng
RT: 8.76 min Scan# 966
Delta R.T. 0.01 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Tot Ion	Ion	Ratio	Lower	Upper
132224	70	100		
	42	42.4	33.2	49.8
	101	9.7	7.8	11.6
	130	18.4	15.4	23.2



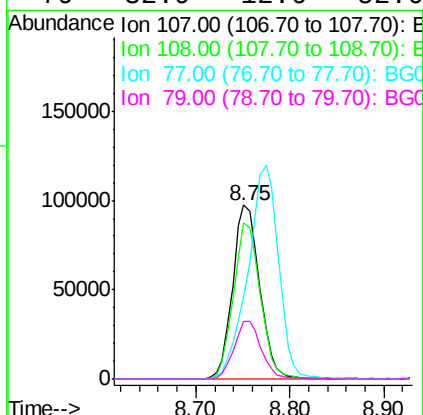
Instrument :
BNA_G
ClientSampleId :
PB129213BS

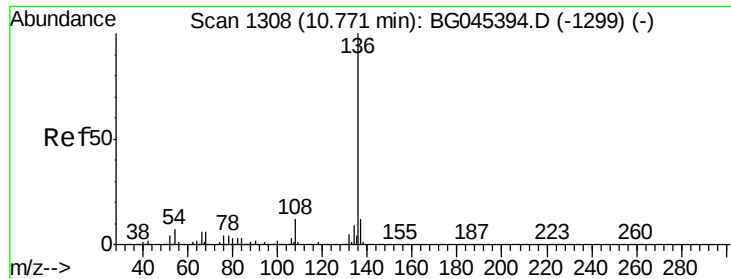
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#20
3+4-Methylphenols
Concen: 46.978 ng
RT: 8.75 min Scan# 964
Delta R.T. 0.00 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Tgt Ion	Ion	Ratio	Lower	Upper
195398	107	100		
	108	89.5	70.3	110.3
	77	47.4	15.4	55.4
	79	32.9	12.6	52.6





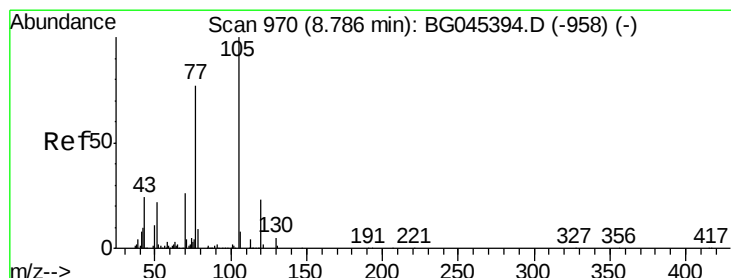
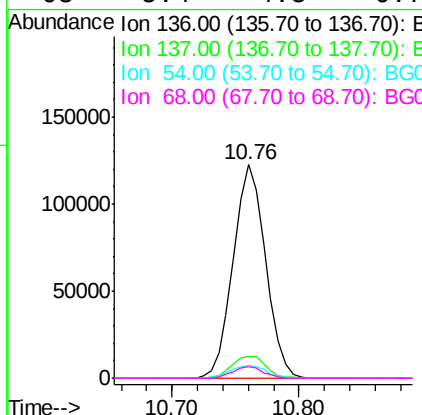
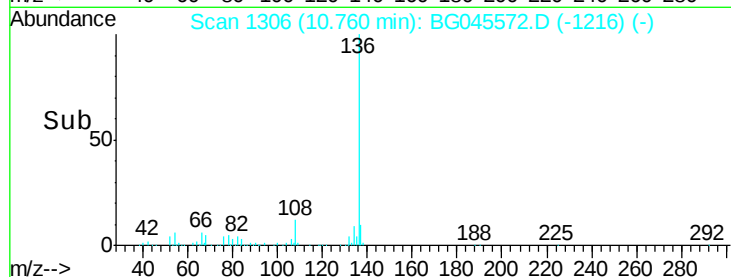
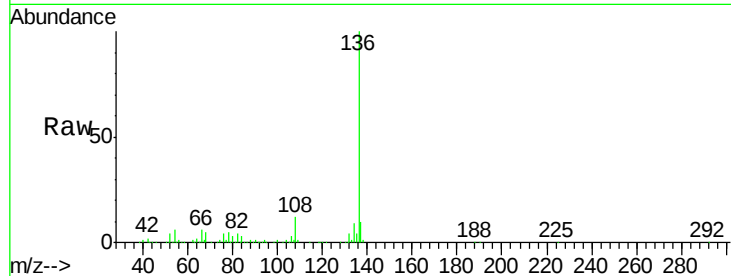
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Instrument :
BNA_G
ClientSampleId :
PB129213BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	216593		
137	10.2		9.4	14.2
54	6.0		5.8	8.6
68	5.4		4.5	6.7

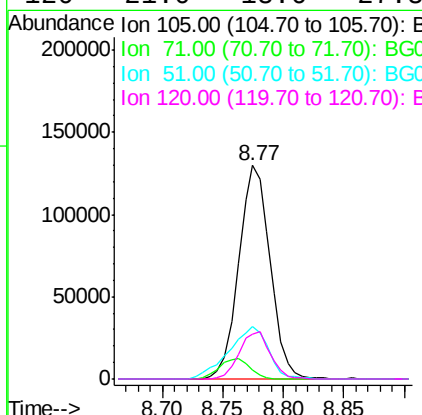
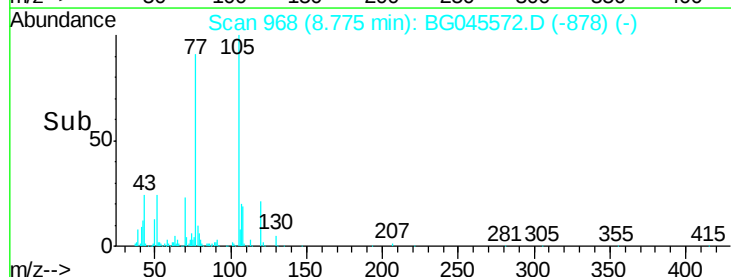
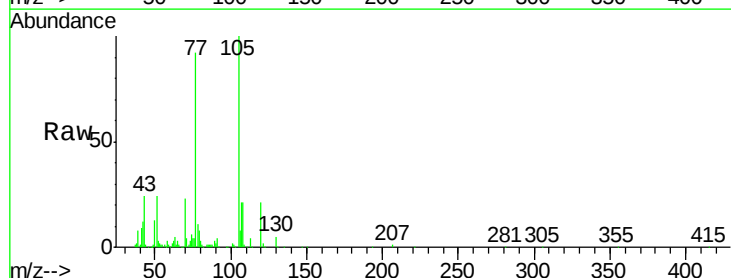
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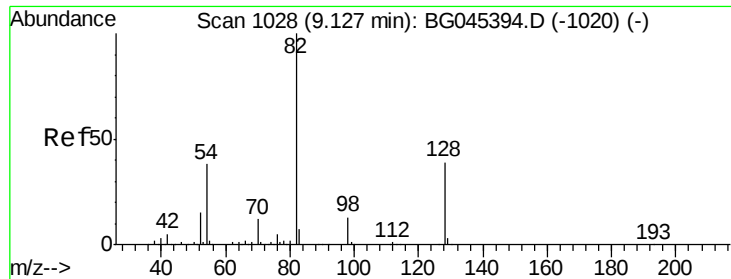
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#22
Acetophenone
Concen: 45.835 ng
RT: 8.77 min Scan# 968
Delta R.T. 0.00 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	235295		
71	4.3		3.4	5.0
51	24.3		18.2	27.2
120	21.0		18.6	27.8





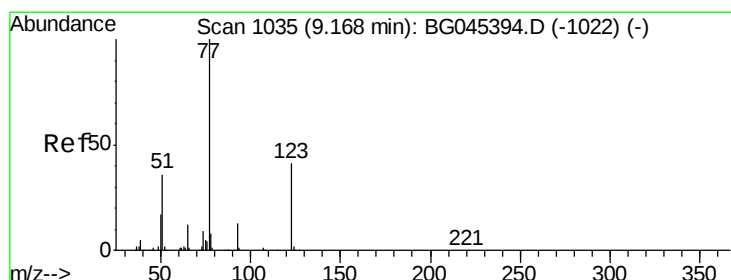
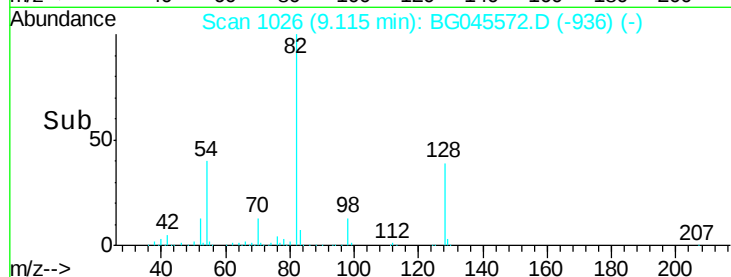
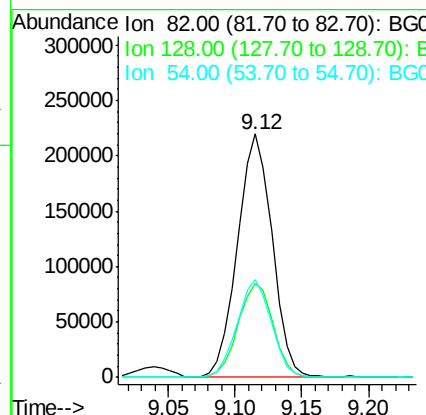
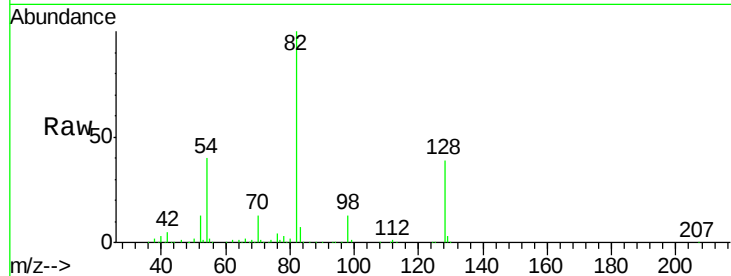
#23
Nitrobenzene-d5
Concen: 99.370 ng
RT: 9.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Instrument :
BNA_G
ClientSampleId :
PB129213BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	38.5	30.9	46.3	
54	40.1	30.3	45.5	

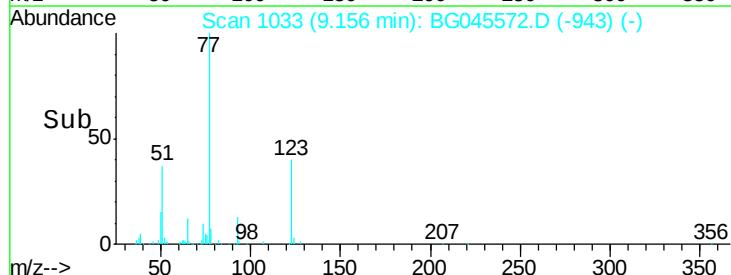
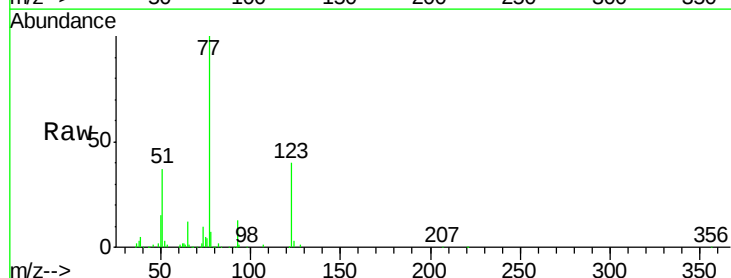
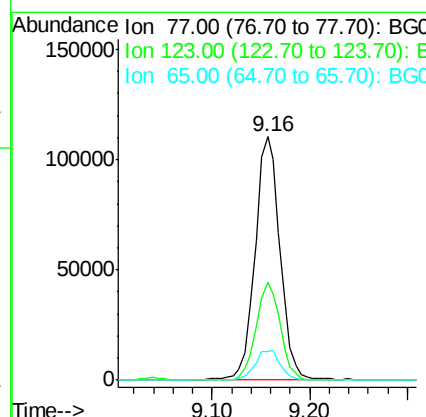
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#24
Nitrobenzene
Concen: 46.663 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	40.1	32.9	49.3	
65	11.9	9.4	14.2	





#25

Isophorone

Concen: 47.172 ng

RT: 9.68 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BG045572.D

Acq: 2 Jun 2020 10:53

Instrument :

BNA_G

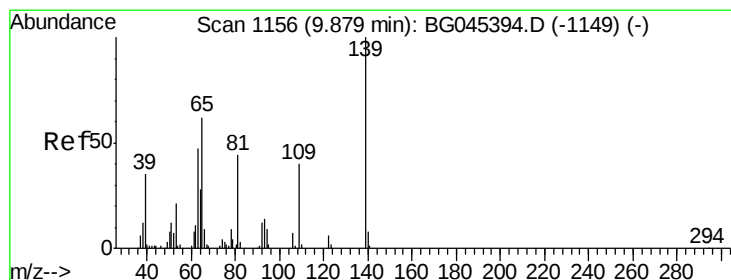
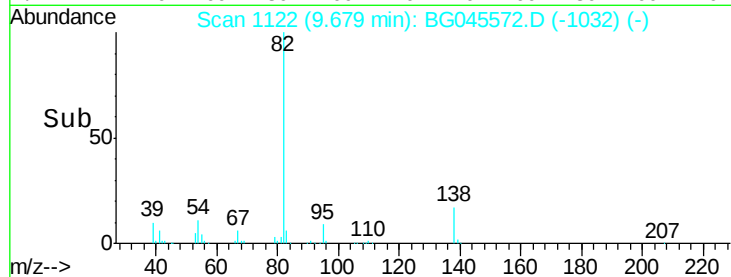
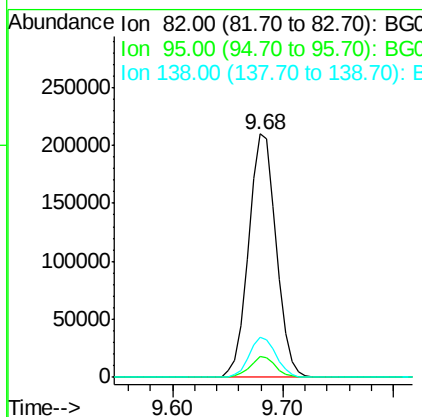
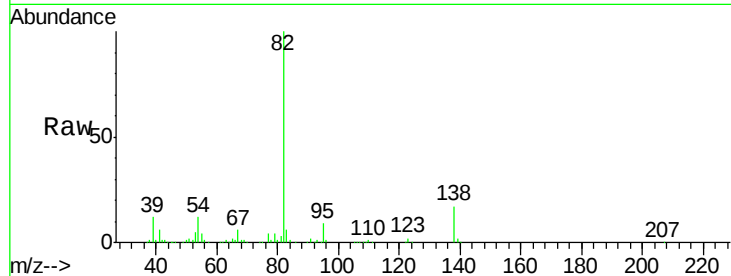
ClientSampleId :

PB129213BS

Tot Ion:	82	Resp:	368986
Ion Ratio	Lower	Upper	
82	100		
95	8.8	6.7	10.1
138	16.5	12.2	18.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 50.260 ng

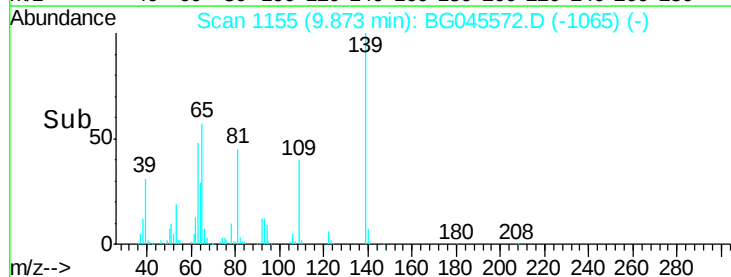
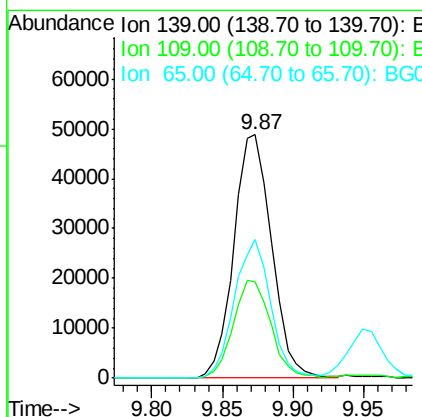
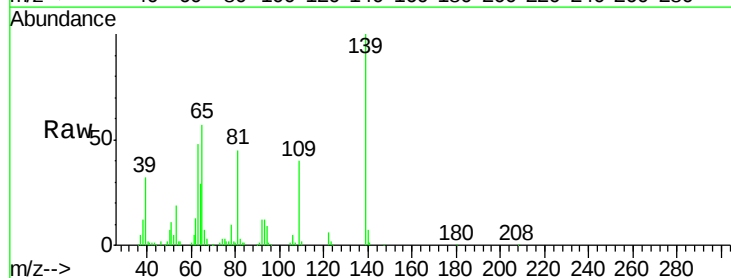
RT: 9.87 min Scan# 1155

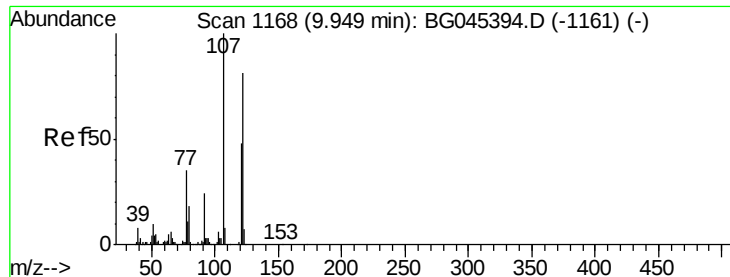
Delta R.T. 0.00 min

Lab File: BG045572.D

Acq: 2 Jun 2020 10:53

Tgt Ion:	139	Resp:	91493
Ion Ratio	Lower	Upper	
139	100		
109	39.6	32.2	48.4
65	56.8	49.6	74.4





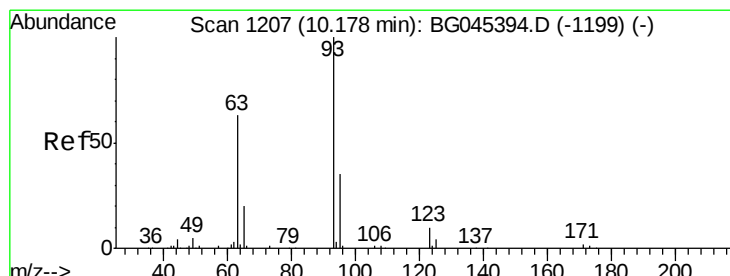
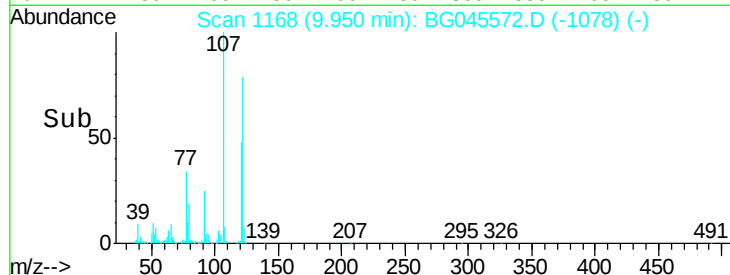
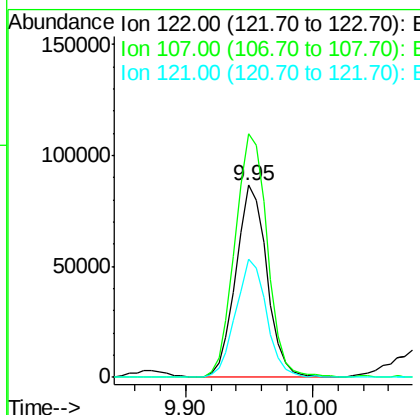
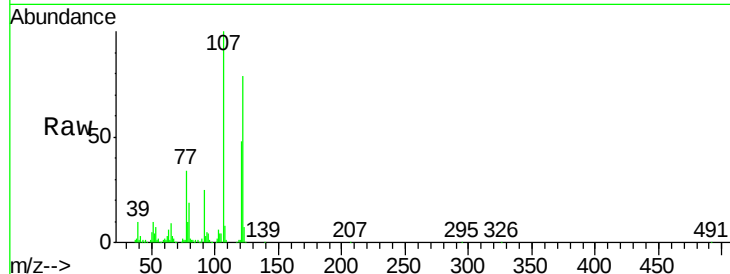
#27
2,4-Dimethylphenol
Concen: 54.258 ng
RT: 9.95 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Instrument :
BNA_G
ClientSampleId :
PB129213BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	126.8	99.0	148.4	
121	61.4	47.7	71.5	

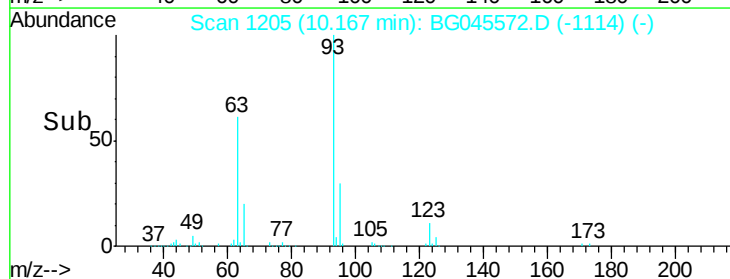
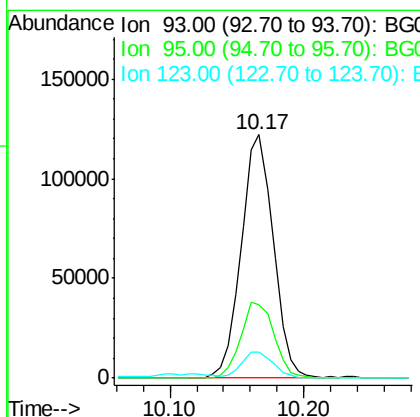
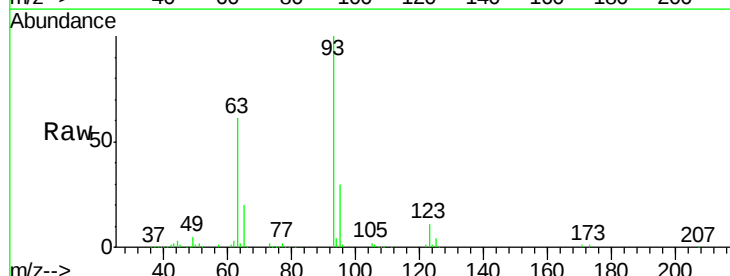
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#28
bis(2-Chloroethoxy)methane
Concen: 49.365 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	30.1	27.6	41.4	
123	10.9	8.1	12.1	





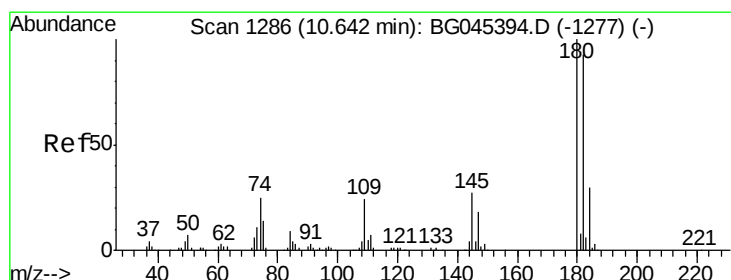
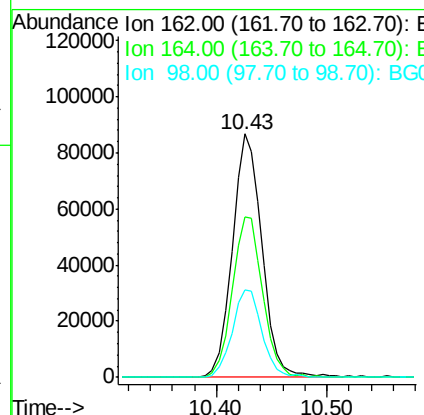
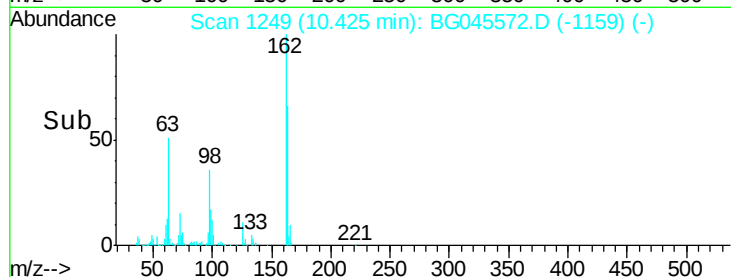
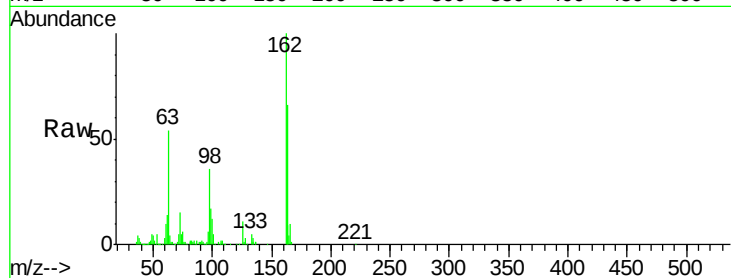
#29
 2,4-Dichlorophenol
 Concen: 50.998 ng
 RT: 10.43 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BG045572.D
 Acq: 2 Jun 2020 10:53

Instrument :
 BNA_G
 ClientSampleId :
 PB129213BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	66.0	46.8	86.8
98	35.7	15.2	55.2

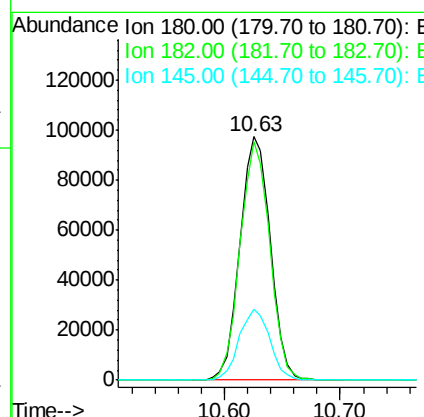
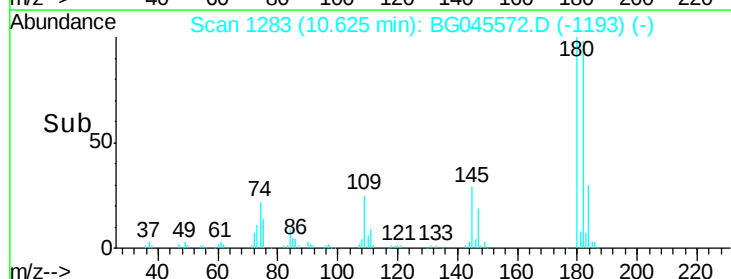
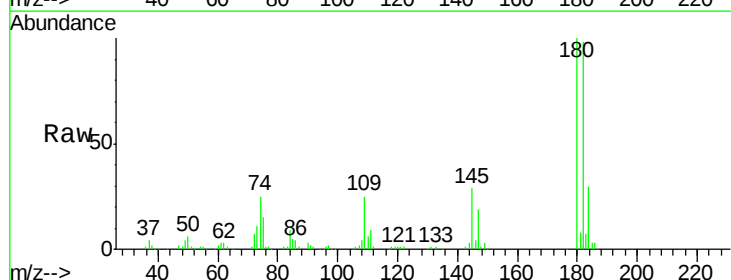
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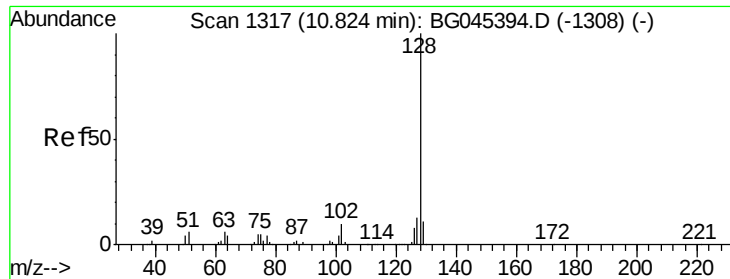
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#30
 1,2,4-Trichlorobenzene
 Concen: 47.100 ng
 RT: 10.63 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: BG045572.D
 Acq: 2 Jun 2020 10:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	98.1	74.8	112.2
145	29.3	21.9	32.9





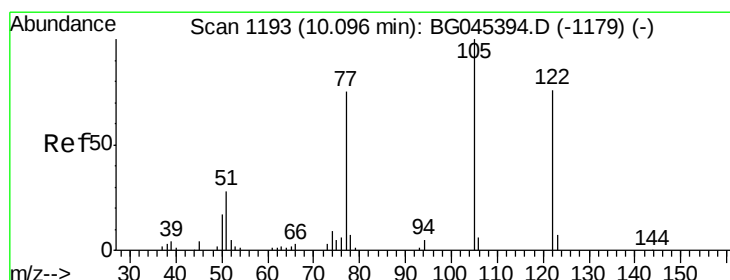
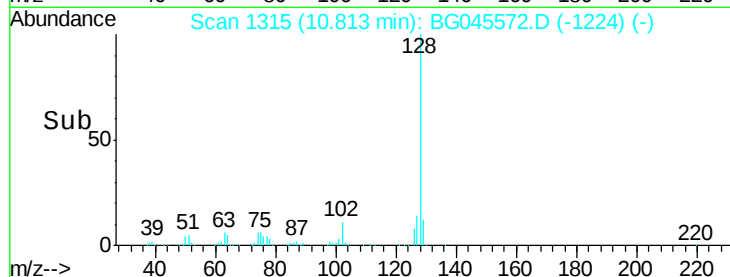
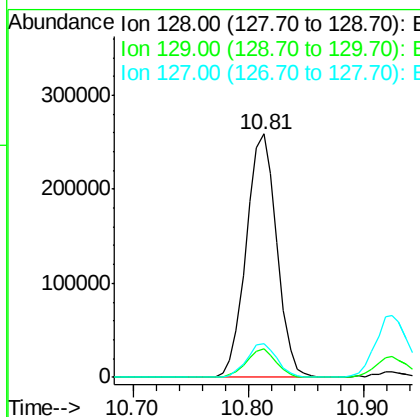
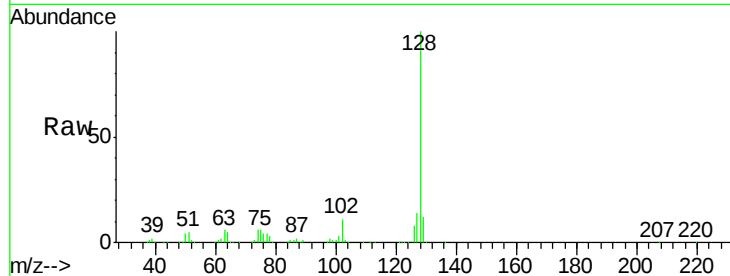
#31
Naphthalene
Concen: 47.182 ng
RT: 10.81 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Instrument :
BNA_G
ClientSampleId :
PB129213BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	476215		
129	12.0	9.0	13.6	
127	13.9	10.7	16.1	

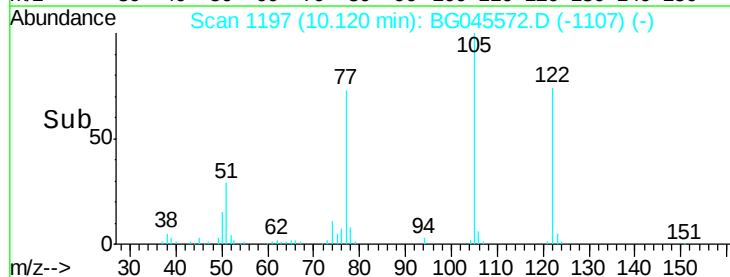
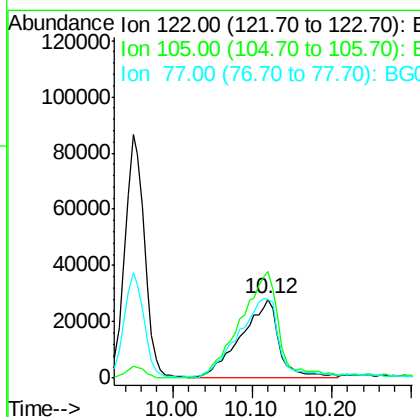
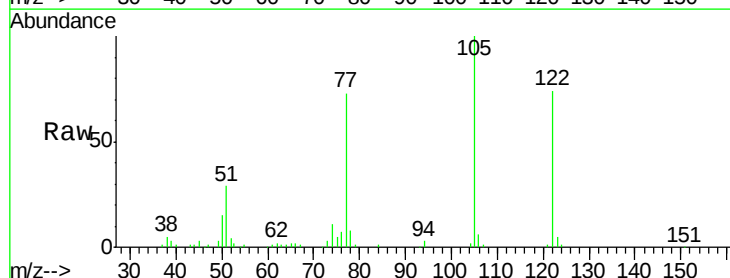
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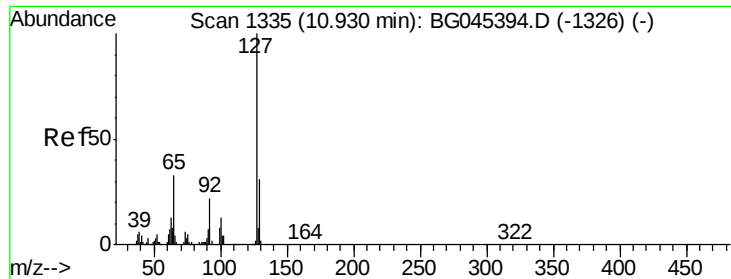
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#32
Benzoic acid
Concen: 50.003 ng
RT: 10.12 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	92791		
105	135.6	107.9	147.9	
77	99.4	78.9	118.9	





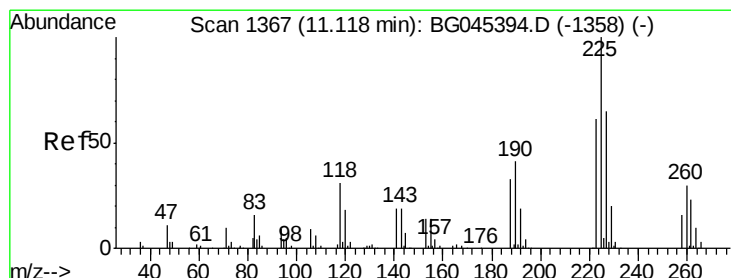
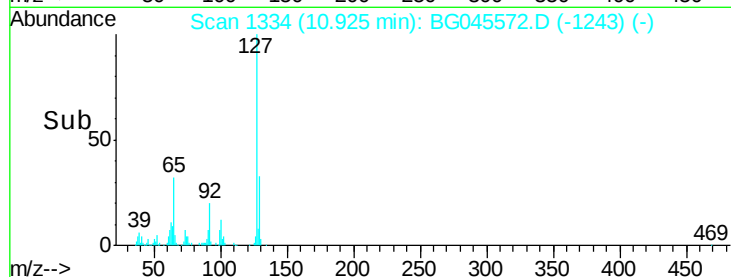
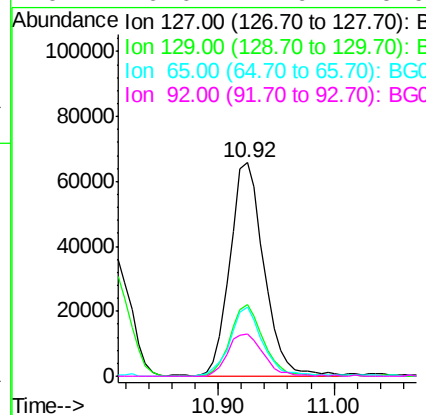
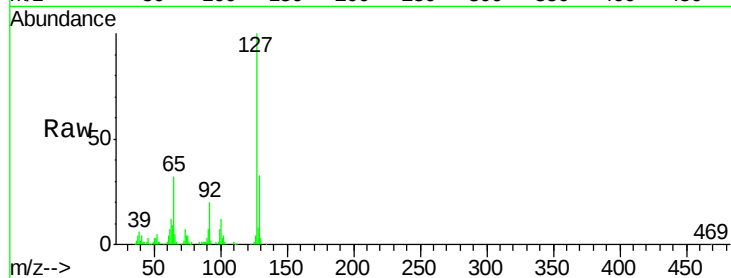
#33
4-Chloroaniline
Concen: 31.908 ng
RT: 10.92 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Instrument :
BNA_G
ClientSampleId :
PB129213BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.5	24.7	37.1		
65	32.3	26.2	39.2		
92	20.0	17.9	26.9		

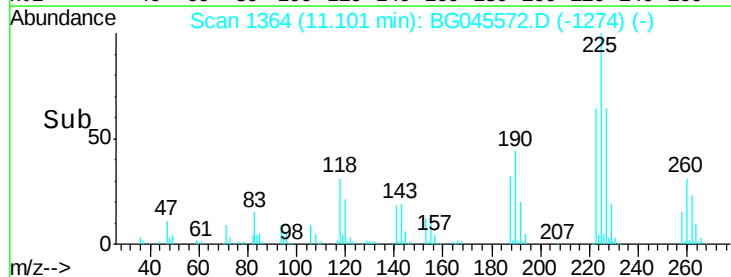
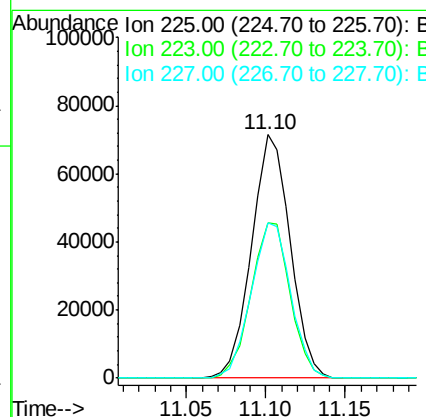
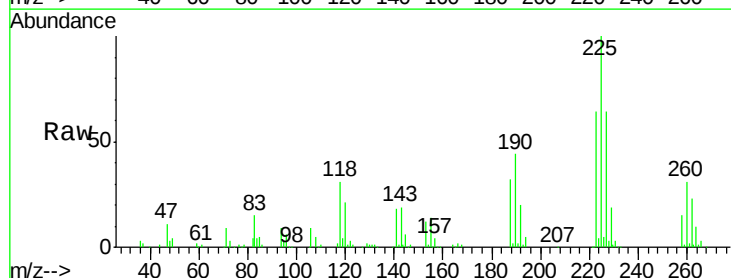
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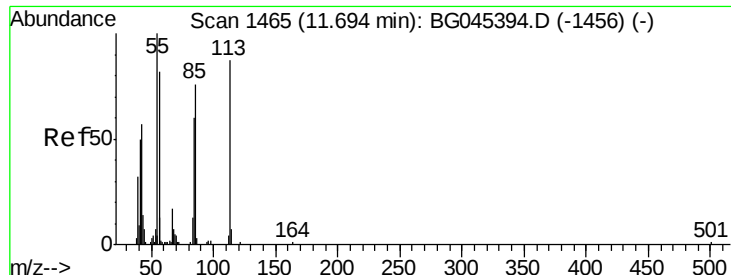
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#34
Hexachlorobutadiene
Concen: 45.487 ng
RT: 11.10 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.9	49.1	73.7		
227	63.5	52.0	78.0		





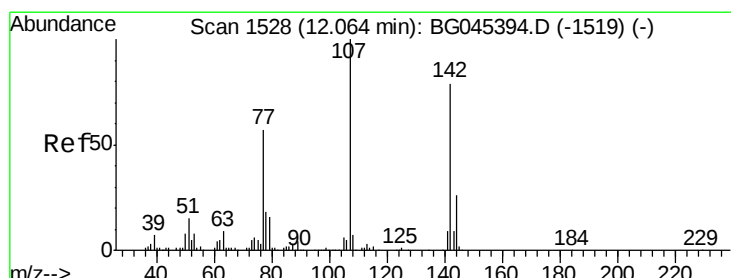
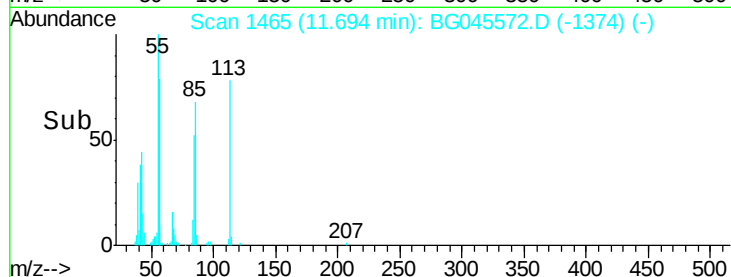
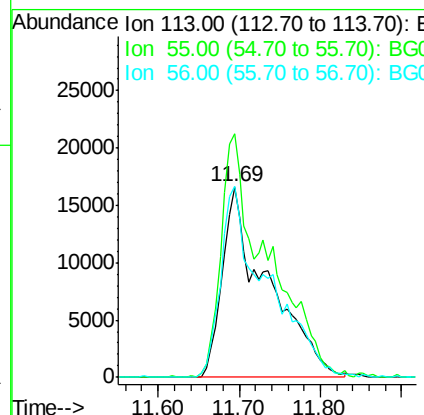
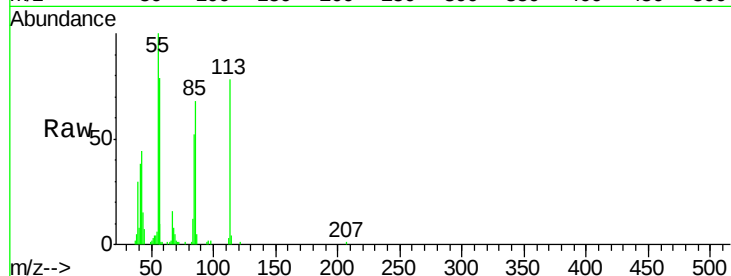
#35
 Caprolactam
 Concen: 54.712 ng/ml
 RT: 11.69 min Scan# 1465
 Delta R.T. 0.01 min
 Lab File: BG045572.D
 Acq: 2 Jun 2020 10:53

Instrument :
 BNA_G
 ClientSampleId :
 PB129213BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	127.9	96.0	136.0
56	100.7	75.1	115.1

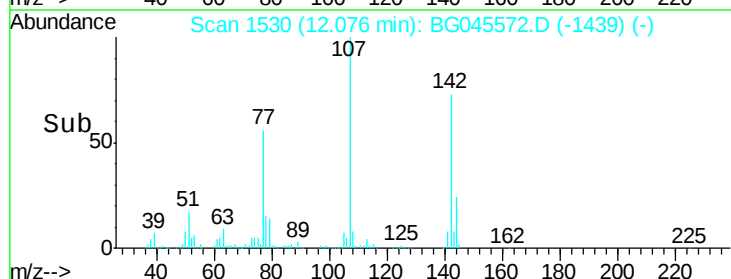
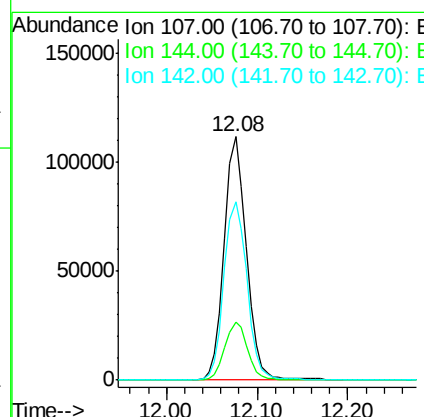
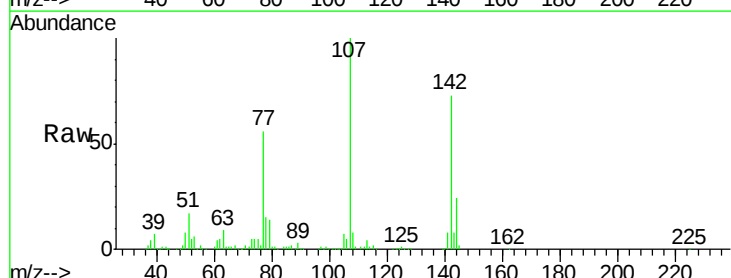
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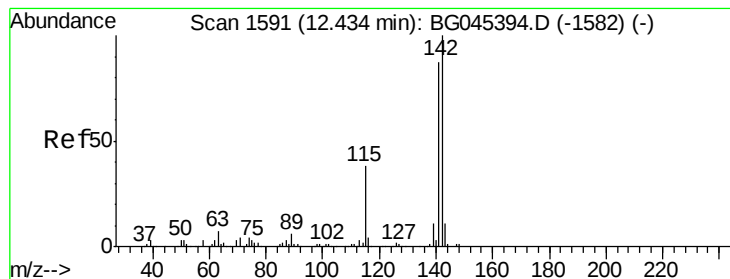
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#36
 4-Chloro-3-methylphenol
 Concen: 53.159 ng/ml
 RT: 12.08 min Scan# 1530
 Delta R.T. 0.01 min
 Lab File: BG045572.D
 Acq: 2 Jun 2020 10:53

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.8	20.8	31.2
142	73.5	62.8	94.2





#37

2-Methylnaphthalene

Concen: 48.618 ng

RT: 12.42 min Scan# 1589

Delta R.T. 0.00 min

Lab File: BG045572.D

Acq: 2 Jun 2020 10:53

Instrument :

BNA_G

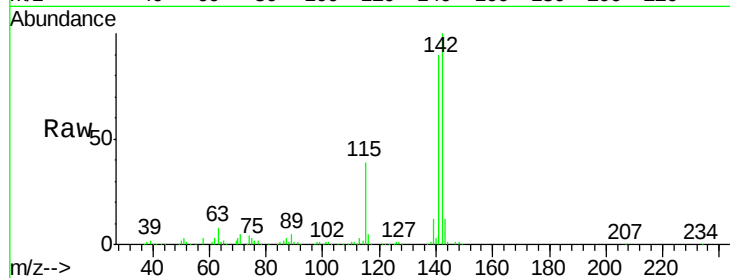
ClientSampleId :

PB129213BS

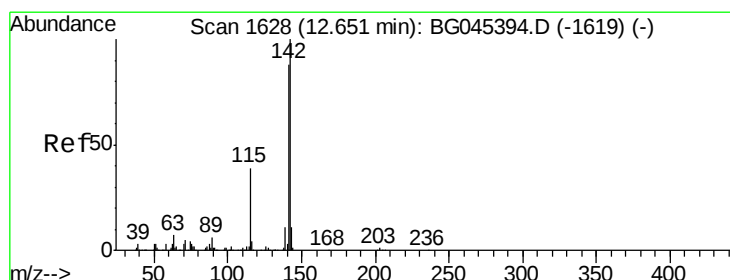
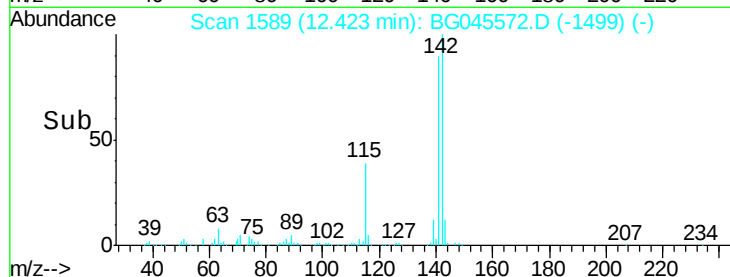
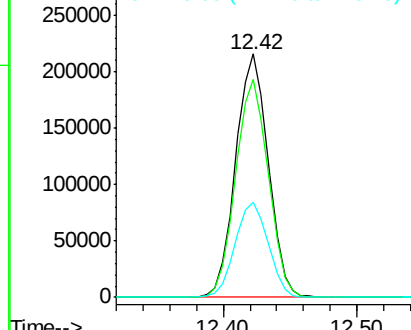
Tot Ion:	142	Resp:	365742
Ion Ratio	Lower	Upper	
142	100		
141	89.5	70.0	105.0
115	38.9	30.8	46.2

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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 48.531 ng

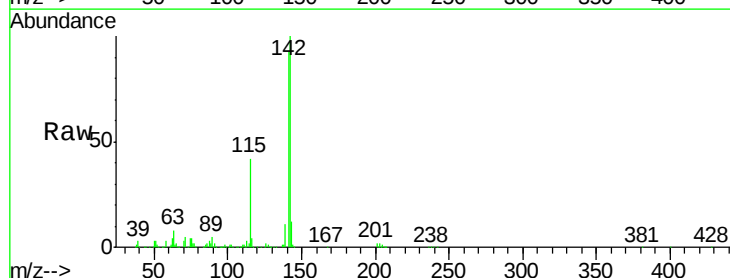
RT: 12.64 min Scan# 1626

Delta R.T. 0.00 min

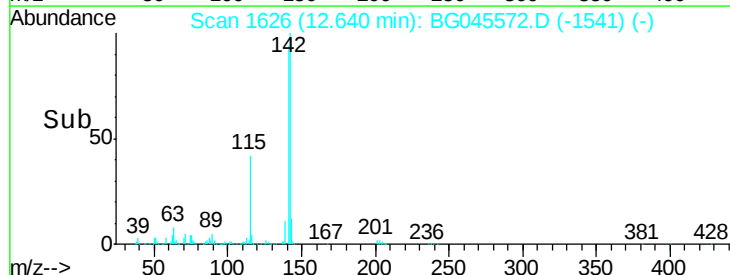
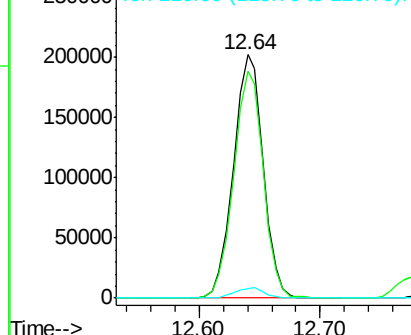
Lab File: BG045572.D

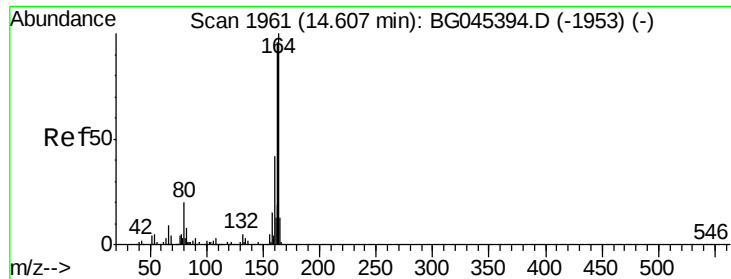
Acq: 2 Jun 2020 10:53

Tgt Ion:	142	Resp:	344874
Ion Ratio	Lower	Upper	
142	100		
141	93.2	70.8	106.2
116	4.0	3.0	4.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





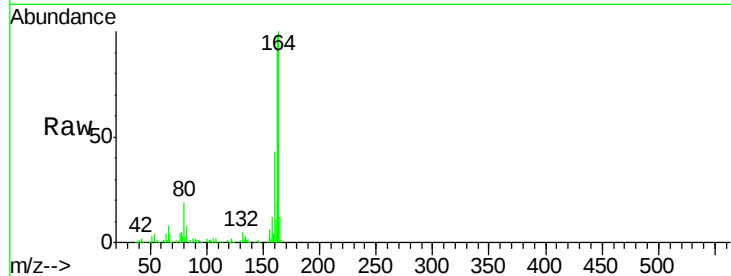
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.60 min Scan# 1959
Delta R.T. 0.00 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Instrument :
BNA_G
ClientSampleId :
PB129213BS

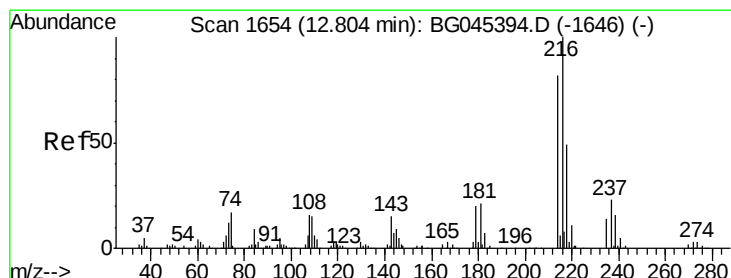
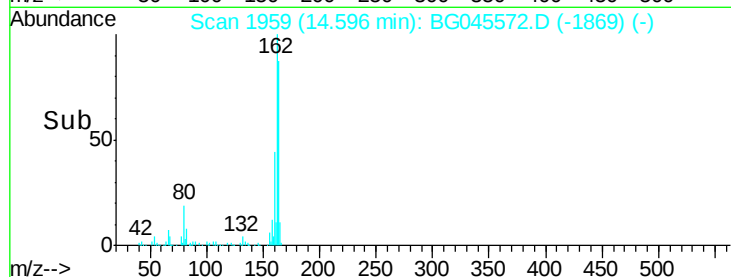
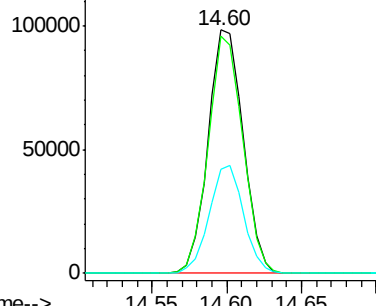
Tot Ion	Ratio	Lower	Upper
164	100		
162	97.6	76.9	115.3
160	42.8	33.8	50.8

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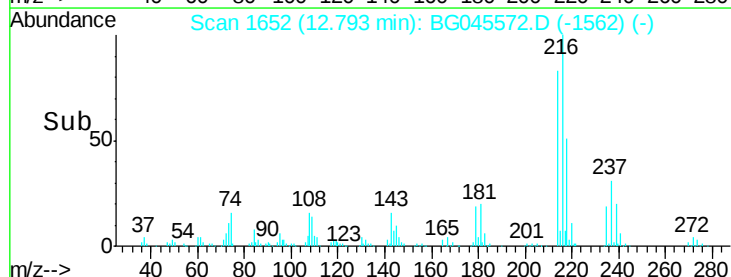
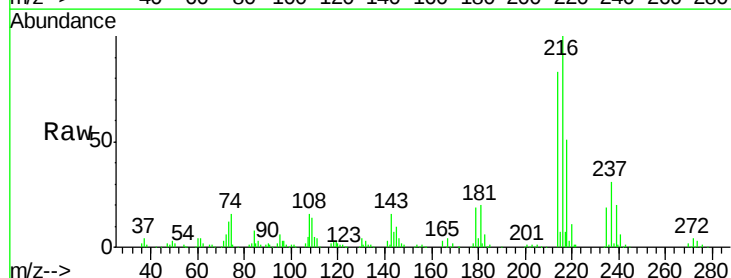
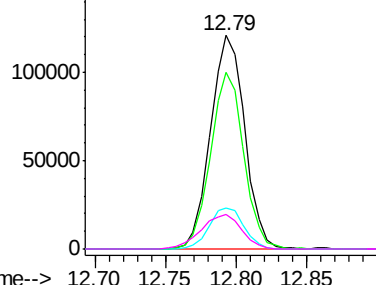
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.765 ng
RT: 12.79 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.2	63.7	95.5
179	19.6	16.1	24.1
108	19.2	13.8	20.6

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





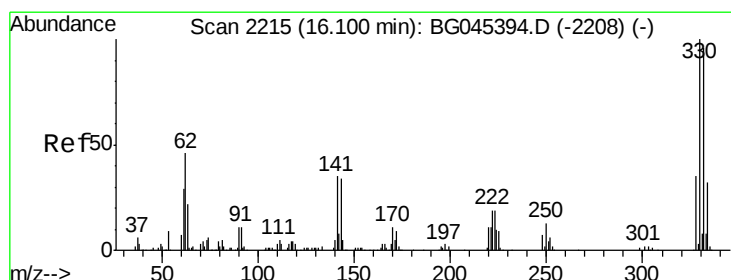
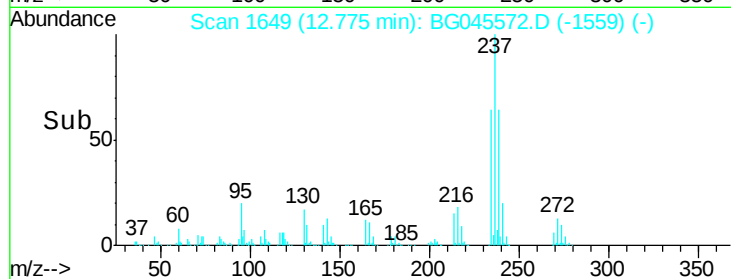
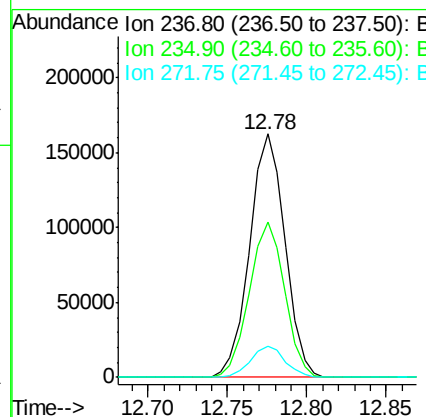
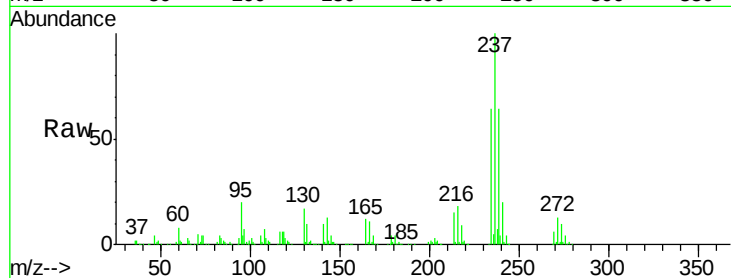
#41
Hexachlorocyclopentadiene
Concen: 97.521 ng
RT: 12.78 min Scan# 1649
Delta R.T. 0.00 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Instrument :
BNA_G
ClientSampleId :
PB129213BS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.6	44.4	84.4
272	12.7	0.0	32.5

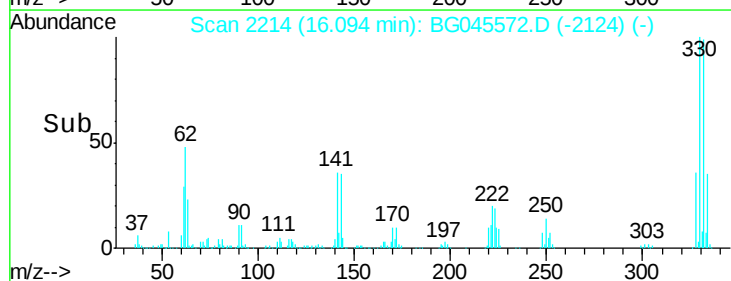
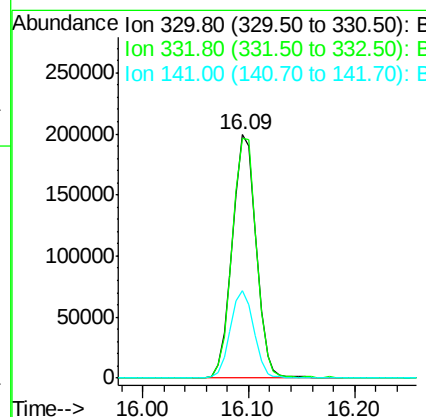
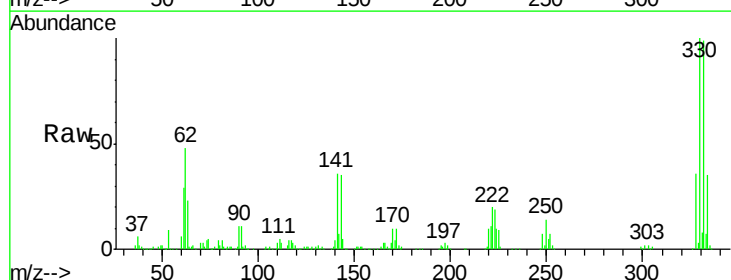
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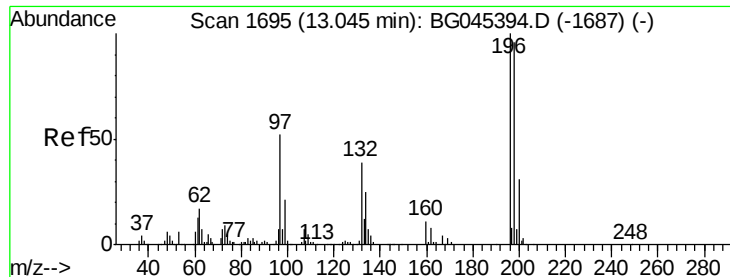
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#42
2,4,6-Tribromophenol
Concen: 152.357 ng
RT: 16.09 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	99.4	78.2	117.4
141	35.6	28.2	42.4





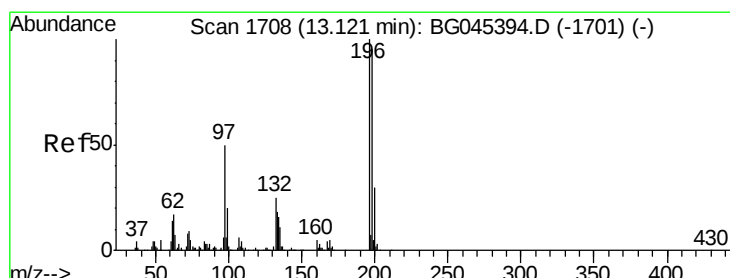
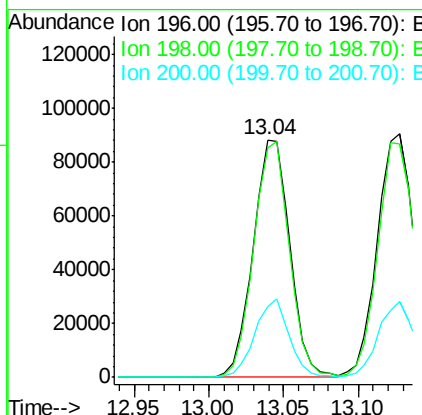
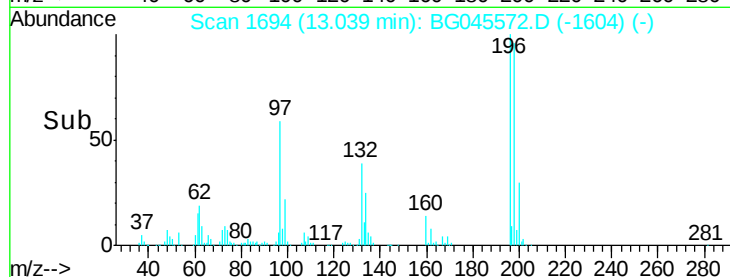
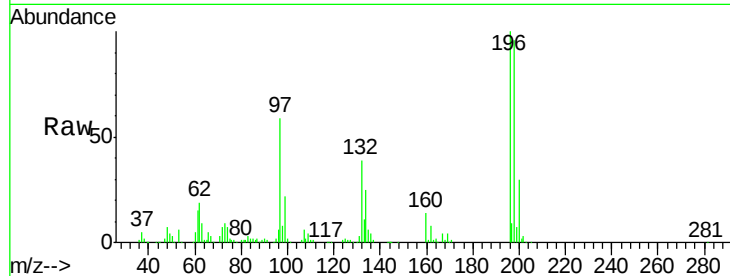
#43
2,4,6-Trichlorophenol
Concen: 48.210 ng
RT: 13.04 min Scan# 1694
Delta R.T. 0.00 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Instrument :
BNA_G
ClientSampleId :
PB129213BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	149713		
198	96.3	76.7	115.1	
200	30.0	24.9	37.3	

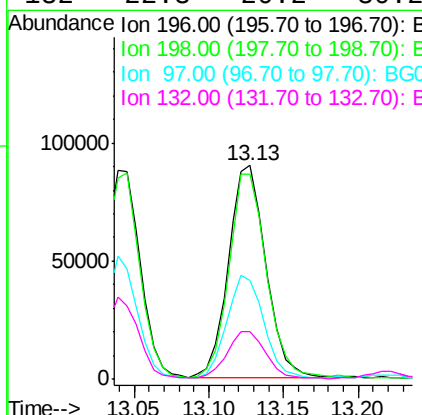
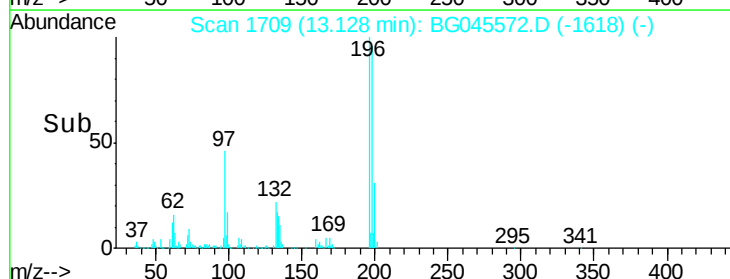
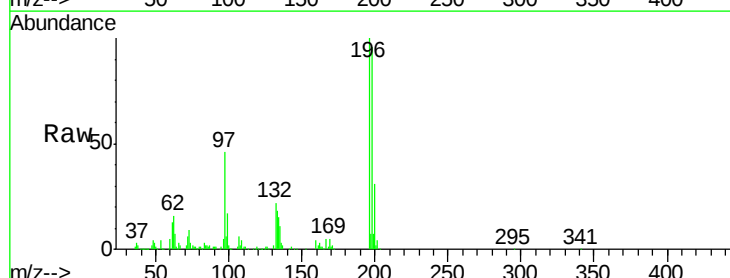
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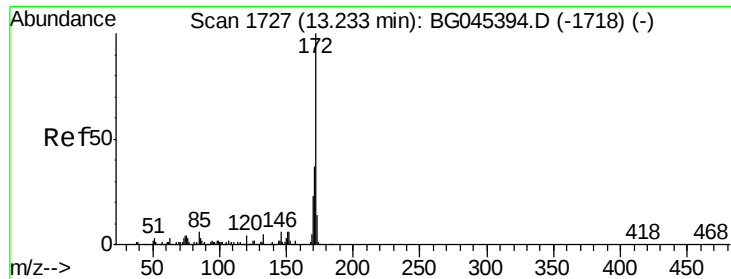
mohammad
6/3/2020 4:35:20 PM



#44
2,4,5-Trichlorophenol
Concen: 44.434 ng
RT: 13.13 min Scan# 1709
Delta R.T. 0.01 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	157683		
198	95.6	76.1	114.1	
97	46.3	40.0	60.0	
132	22.3	20.2	30.2	





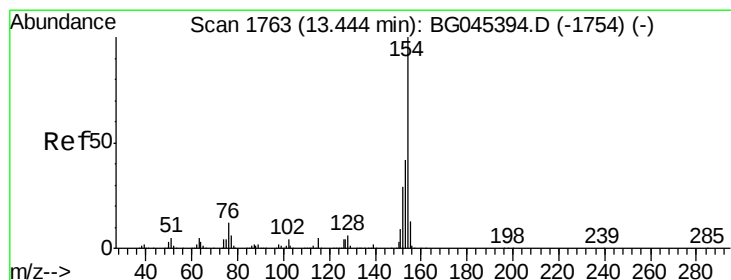
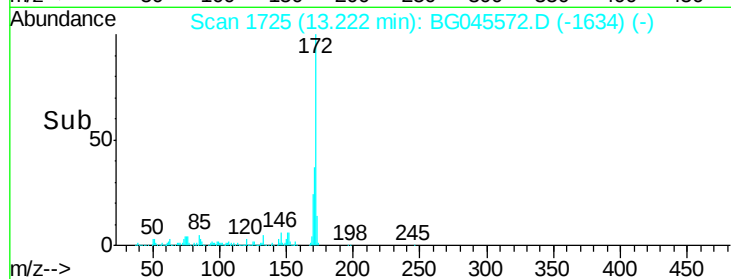
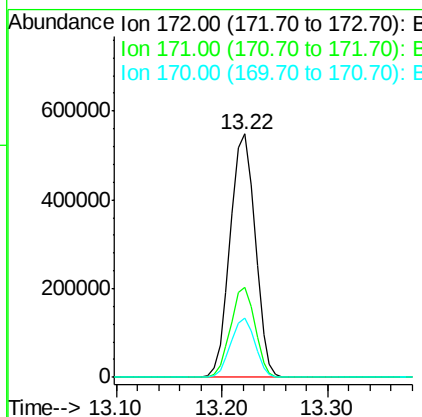
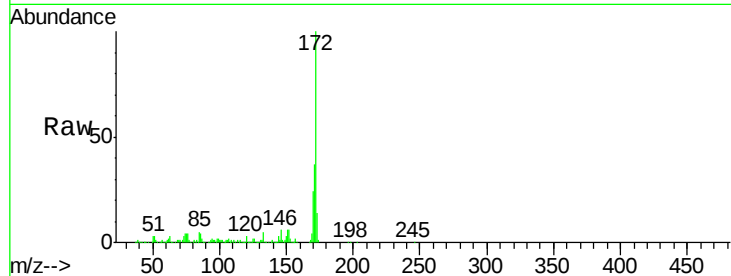
#45
2-Fluorobiphenyl
Concen: 95.395 ng
RT: 13.22 min Scan# 1725
Delta R.T. 0.01 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Instrument :
BNA_G
ClientSampleId :
PB129213BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.5	44.3
170	24.3	18.5	27.7

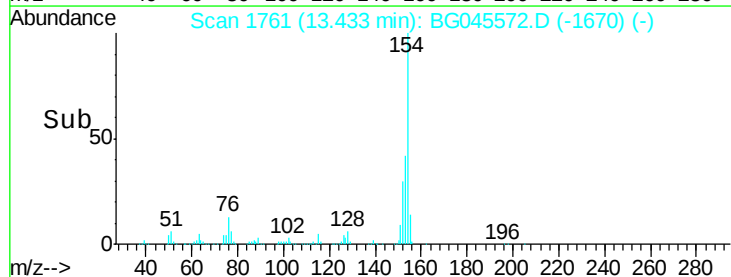
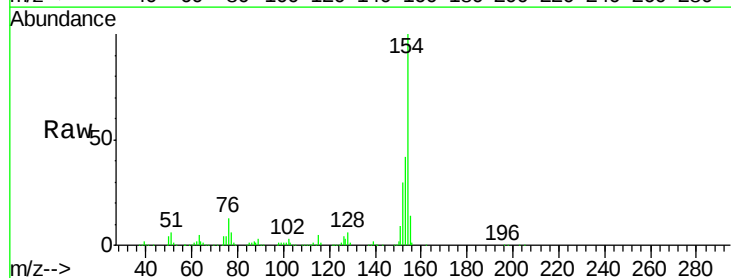
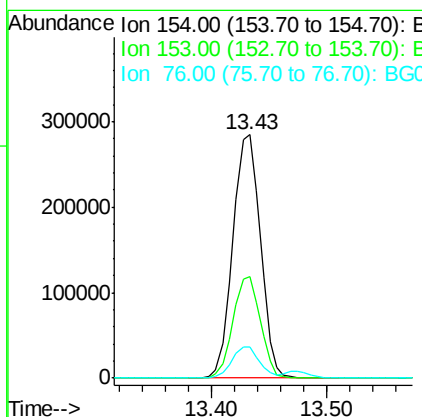
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#46
1,1'-Biphenyl
Concen: 47.958 ng
RT: 13.43 min Scan# 1761
Delta R.T. 0.01 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	22.2	62.2
76	12.8	0.0	32.4





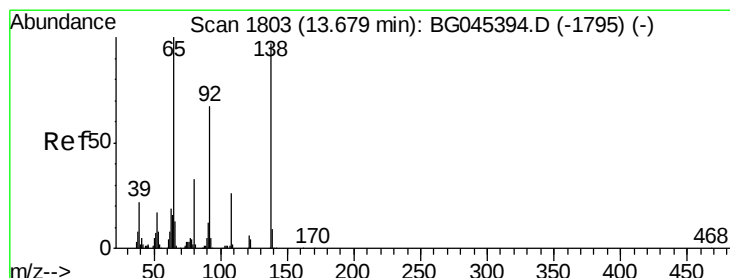
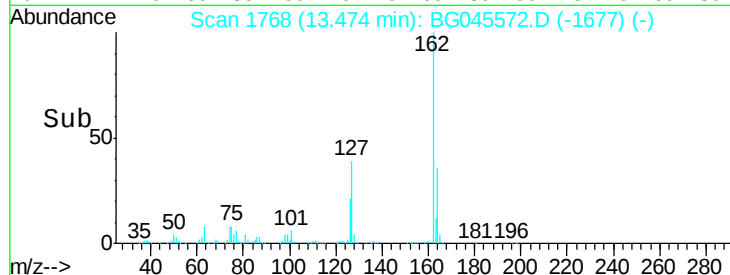
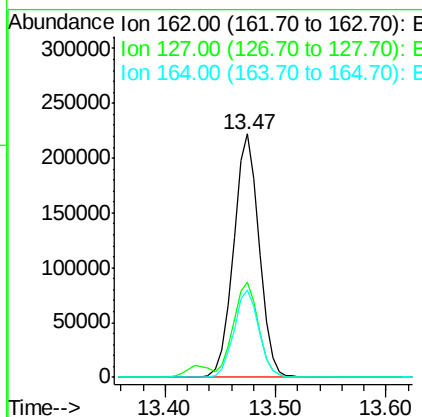
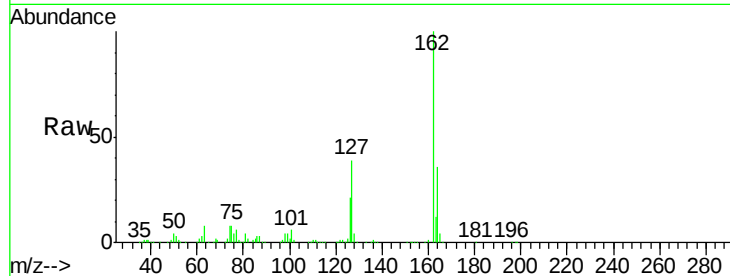
#47
2-Chloronaphthalene
Concen: 44.958 ng
RT: 13.47 min Scan# 1768
Delta R.T. 0.01 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Instrument :
BNA_G
ClientSampleId :
PB129213BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.9	31.6	47.4
164	36.1	28.1	42.1

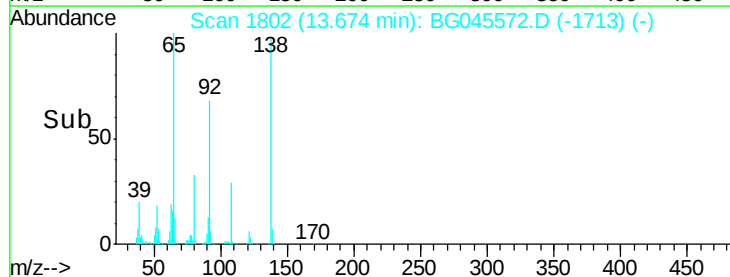
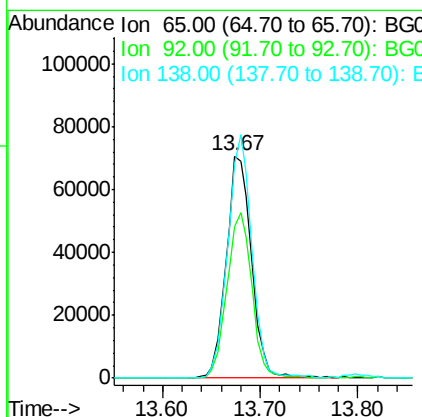
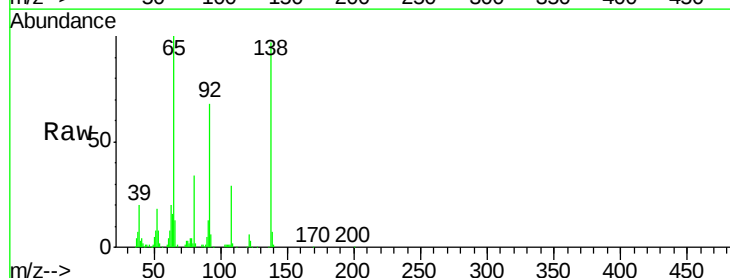
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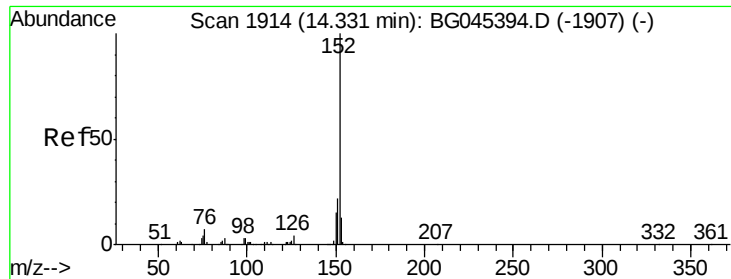
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#48
2-Nitroaniline
Concen: 48.246 ng
RT: 13.67 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.3	53.8	80.8
138	96.6	77.9	116.9





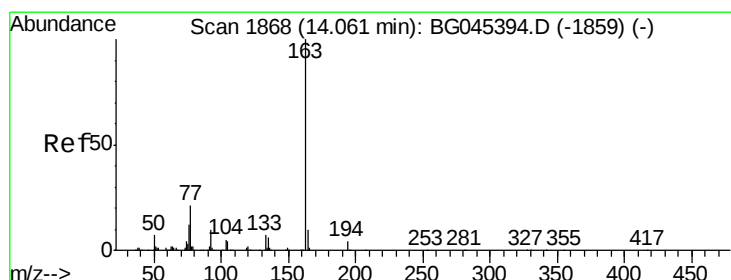
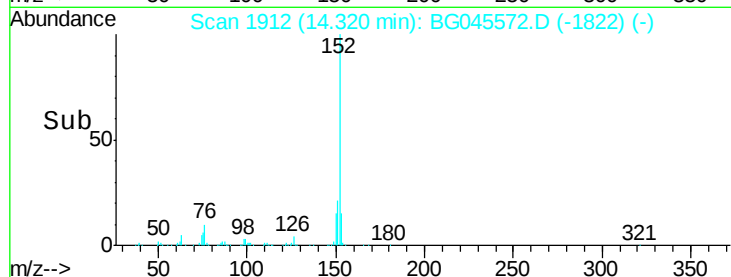
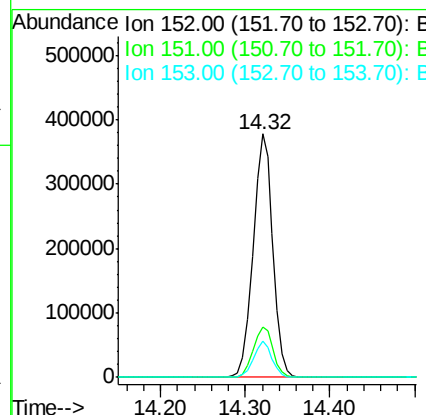
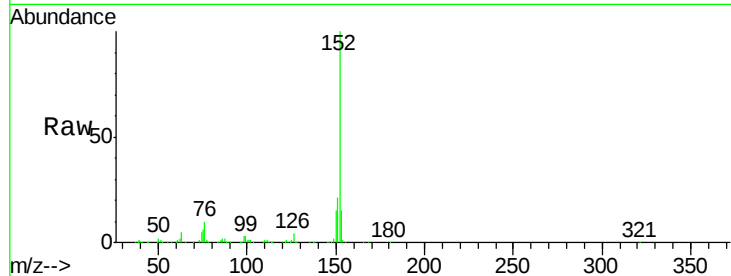
#49
Acenaphthylene
Concen: 47.539 ng
RT: 14.32 min Scan# 1912
Delta R.T. 0.00 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Instrument :
BNA_G
ClientSampleId :
PB129213BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.5	17.4	26.2
153	14.9	10.7	16.1

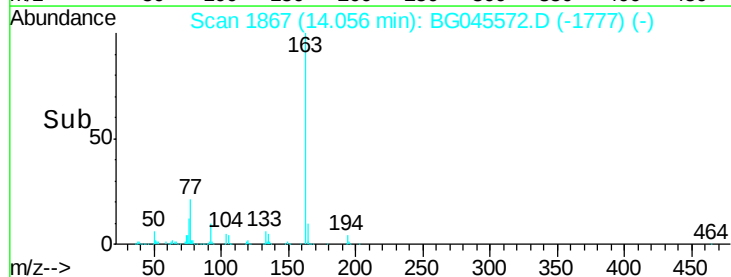
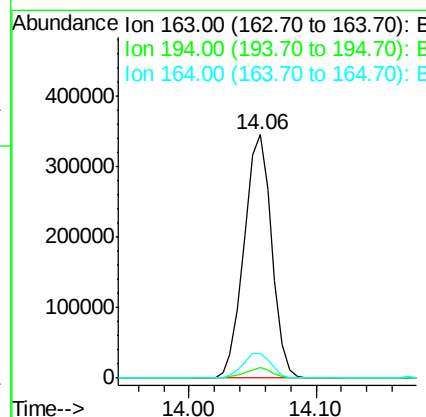
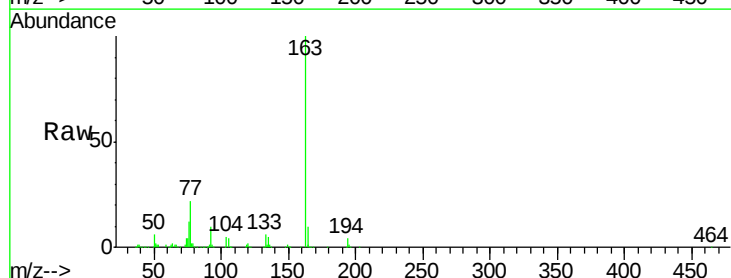
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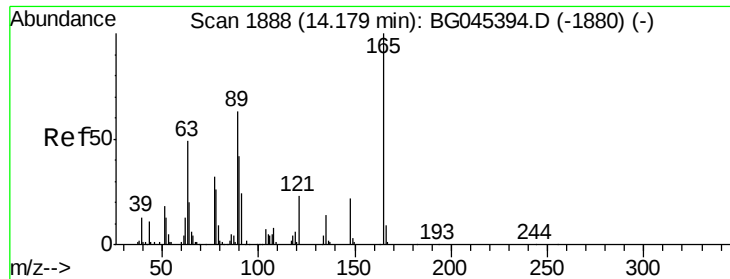
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#50
Dimethylphthalate
Concen: 47.405 ng
RT: 14.06 min Scan# 1867
Delta R.T. 0.00 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.2	8.3	12.5





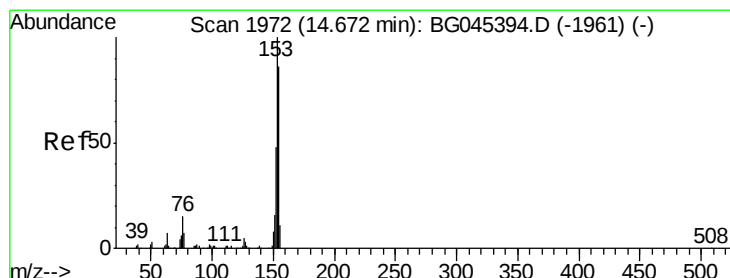
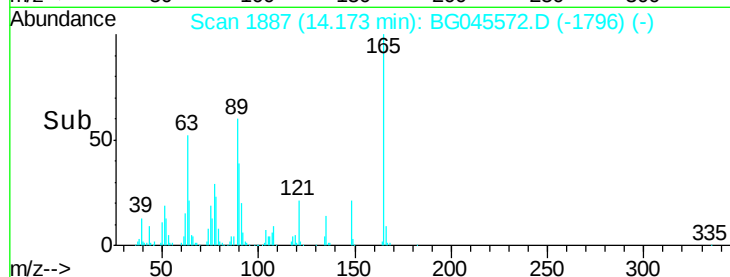
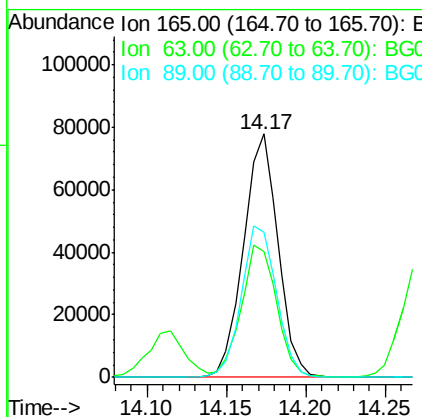
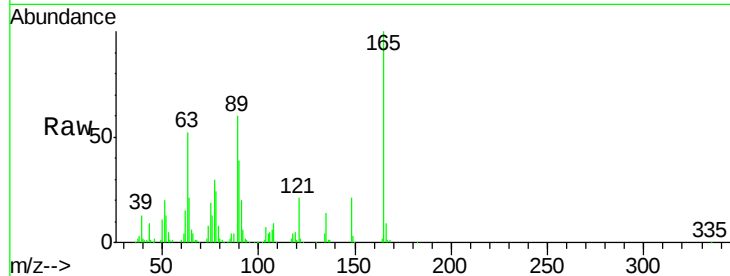
#51
2,6-Dinitrotoluene
Concen: 47.328 ng
RT: 14.17 min Scan# 1887
Delta R.T. 0.01 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Instrument :
BNA_G
ClientSampleId :
PB129213BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	117254		
63	51.8	45.0	67.4	
89	59.5	50.2	75.4	

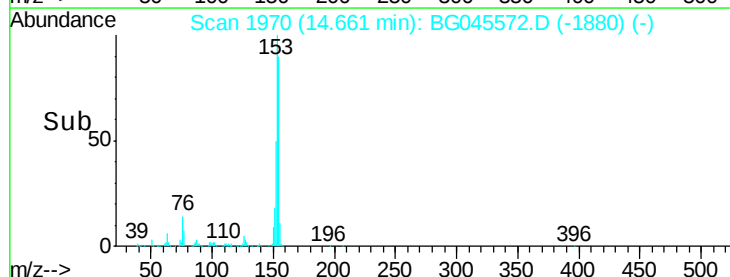
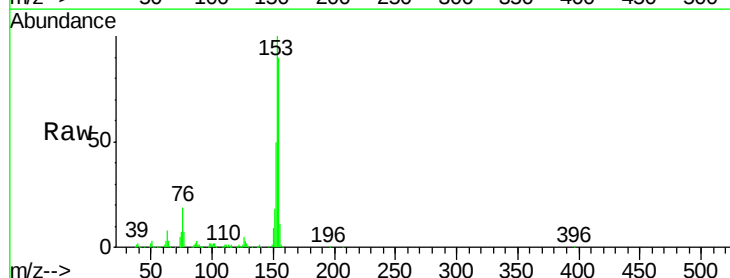
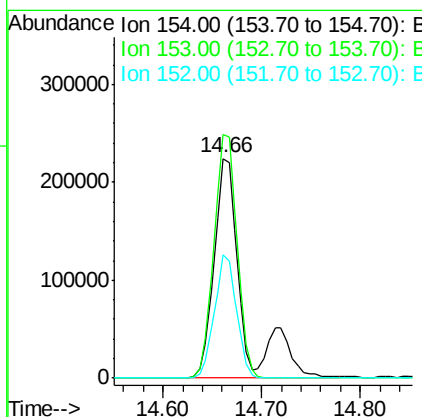
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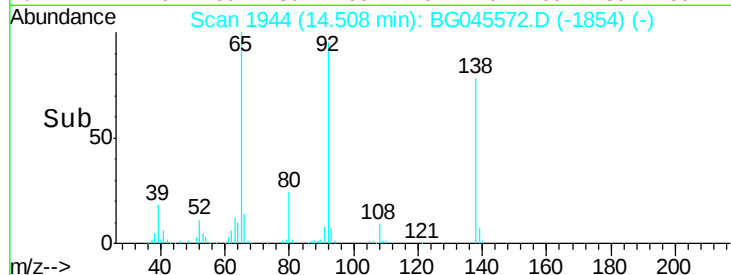
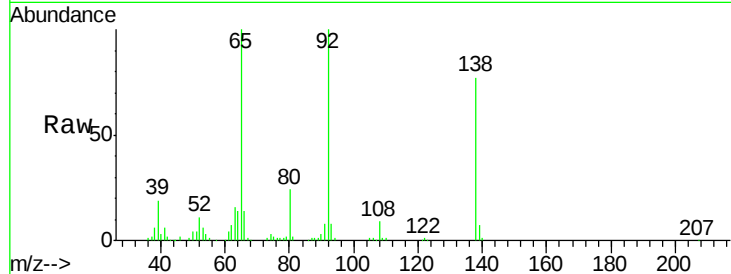
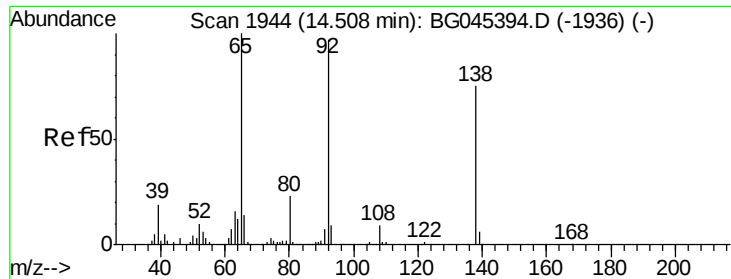
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#52
Acenaphthene
Concen: 52.020 ng m
RT: 14.66 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	446658		
153	111.0	92.8	139.2	
152	56.0	44.6	66.8	





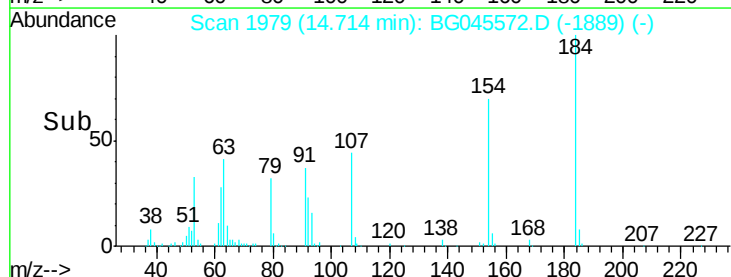
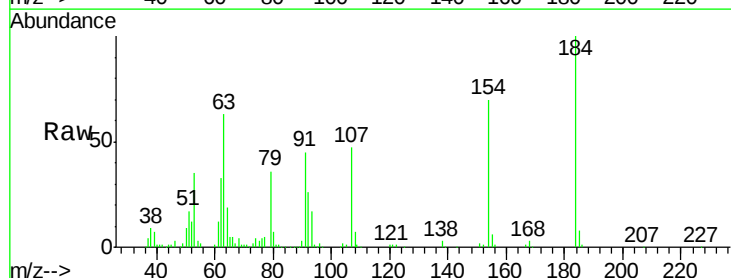
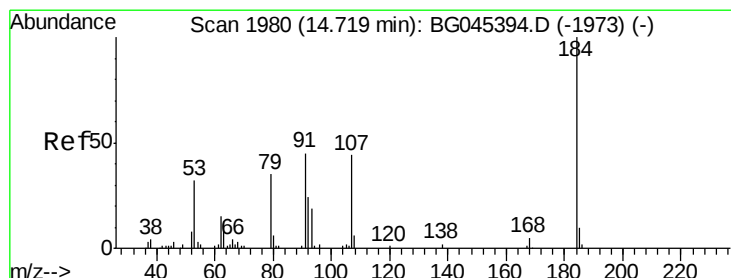
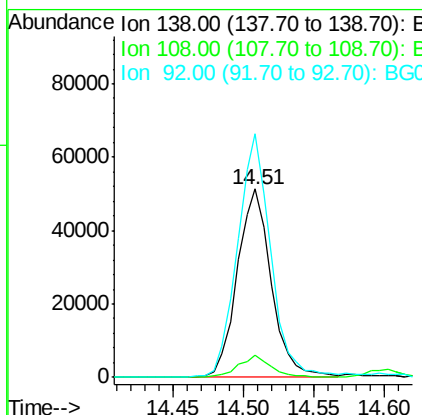
#53
3-Nitroaniline
Concen: 34.325 ng
RT: 14.51 min Scan# 1944
Delta R.T. 0.00 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Instrument :
BNA_G
ClientSampleId :
PB129213BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.7	9.8	14.6
92	129.4	103.0	154.4

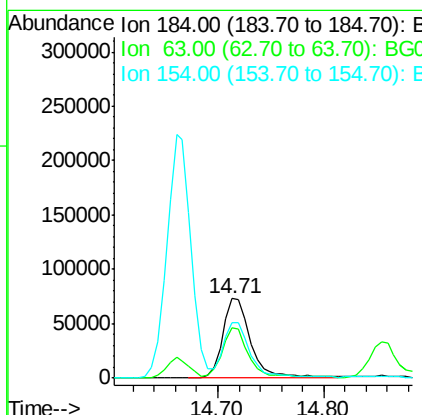
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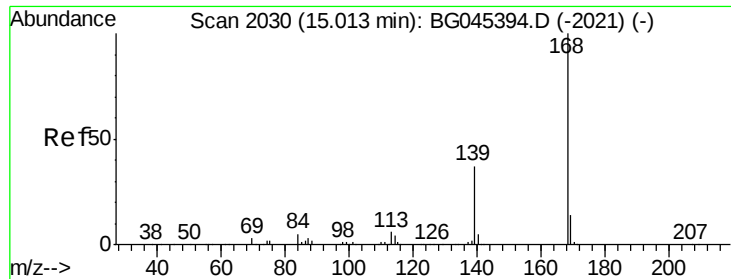
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#54
2,4-Dinitrophenol
Concen: 83.131 ng
RT: 14.71 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.5	47.8	71.6
154	69.8	58.3	87.5





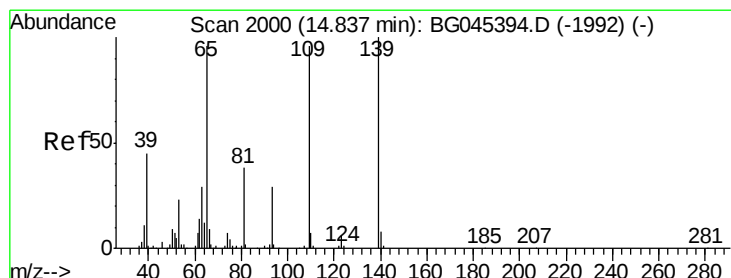
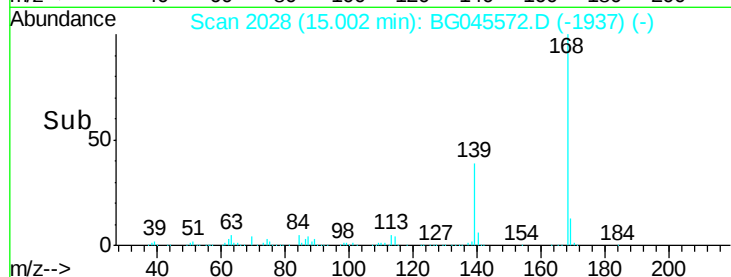
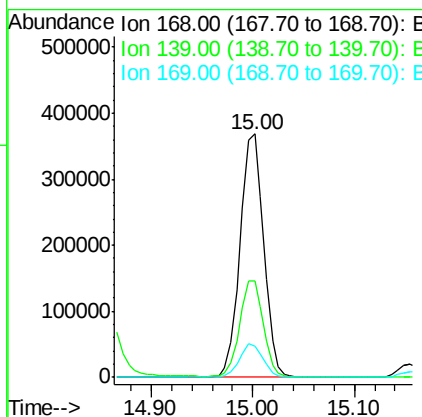
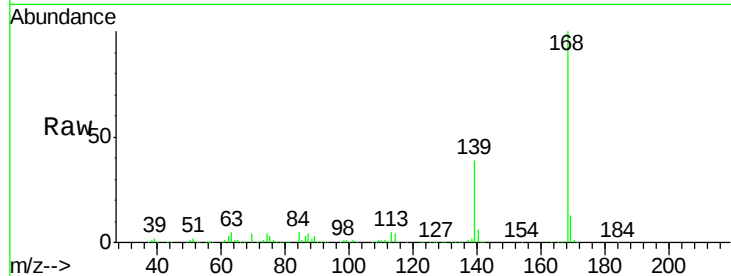
#55
Dibenzofuran
Concen: 46.751 ng
RT: 15.00 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Instrument :
BNA_G
ClientSampleId :
PB129213BS

Tot Ion	Ratio	Resp Lower	Resp Upper
168	100		
139	39.5	29.9	44.9
169	12.9	10.9	16.3

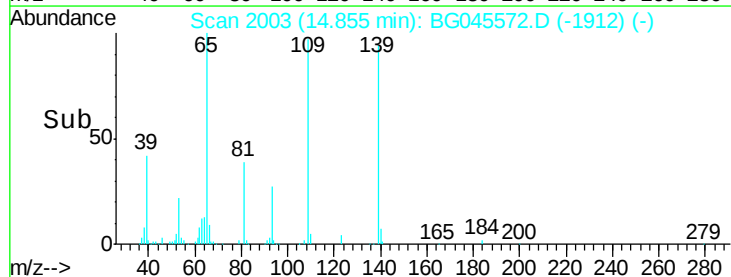
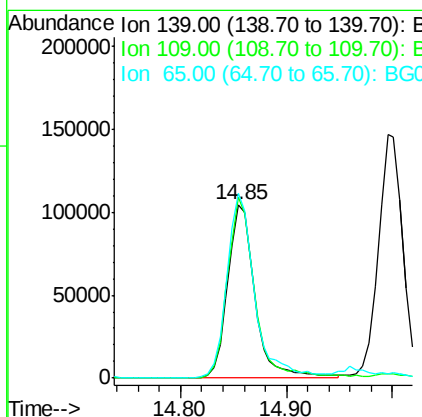
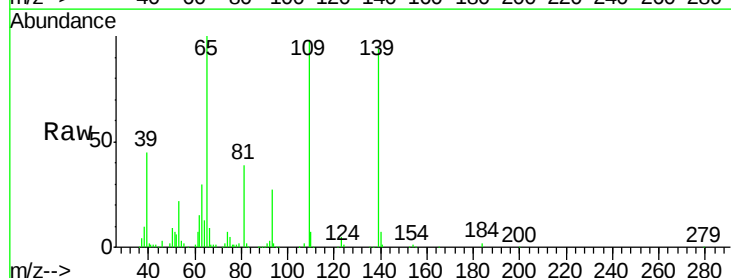
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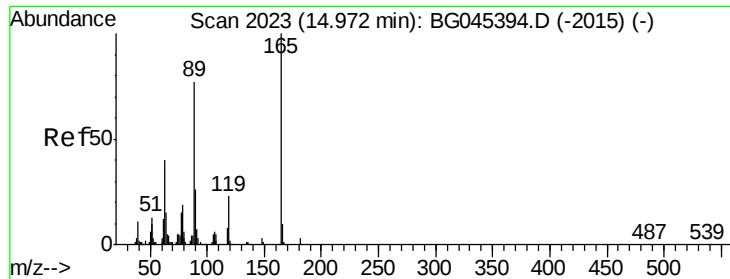
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#56
4-Nitrophenol
Concen: 97.886 ng
RT: 14.85 min Scan# 2003
Delta R.T. 0.01 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
139	100		
109	104.2	75.6	115.6
65	106.4	76.8	116.8





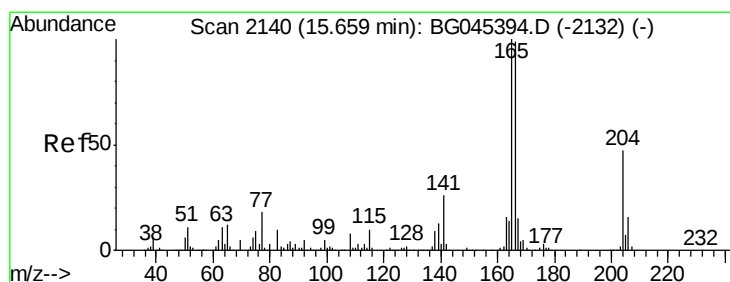
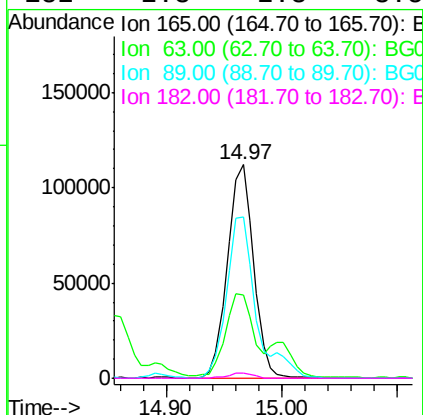
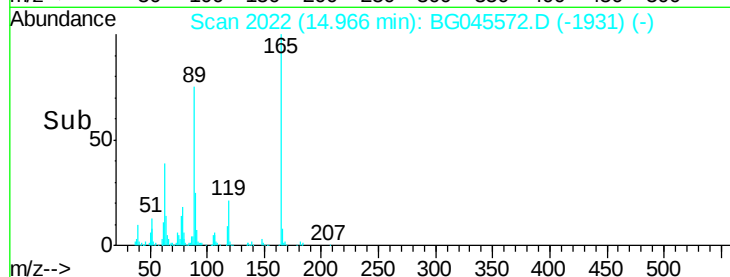
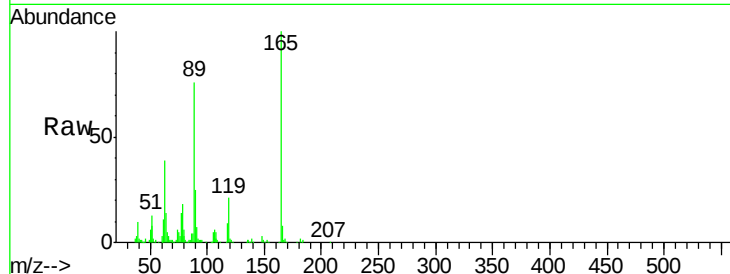
#57
2,4-Dinitrotoluene
Concen: 48.939 ng
RT: 14.97 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Instrument :
BNA_G
ClientSampleId :
PB129213BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	175593		
63	39.0		32.5	48.7
89	75.6		61.8	92.6
182	2.3		2.3	3.5#

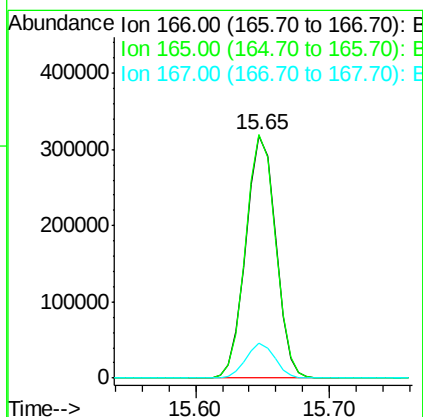
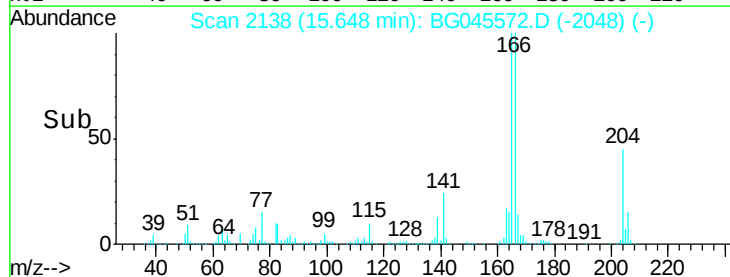
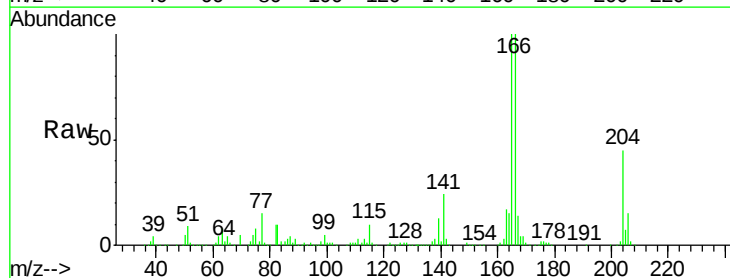
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#58
Fluorene
Concen: 46.971 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	492036		
165	100.2		80.8	121.2
167	14.3		12.0	18.0





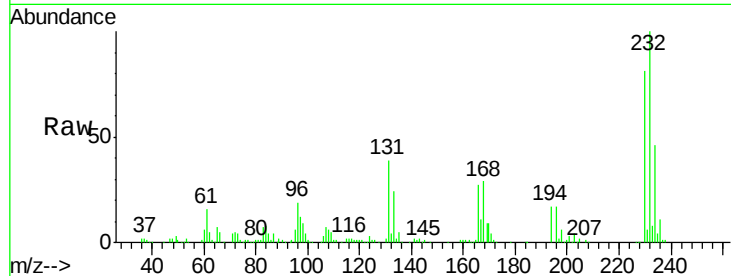
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.850 ng
 RT: 15.24 min Scan# 2068
 Delta R.T. 0.00 min
 Lab File: BG045572.D
 Acq: 2 Jun 2020 10:53

Instrument :
 BNA_G
 ClientSampleId :
 PB129213BS

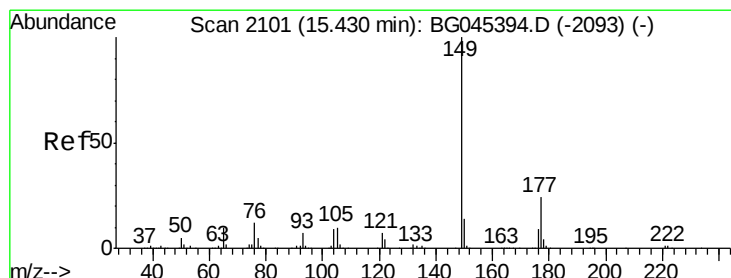
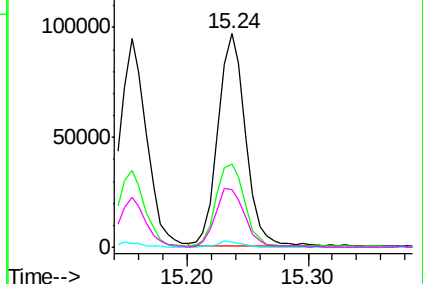
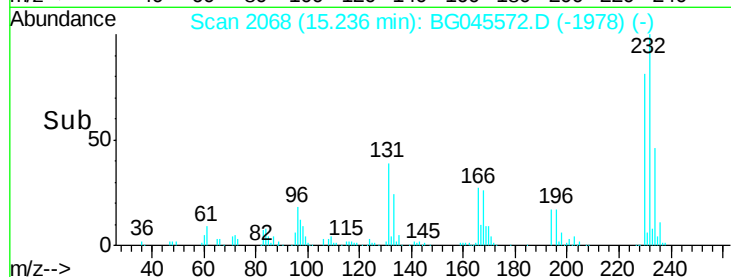
Tot Ion	Ratio	Resp	Lower	Upper
232	100	152513		
131	39.9		33.7	50.5
130	2.8		2.1	3.1
166	29.0		23.2	34.8

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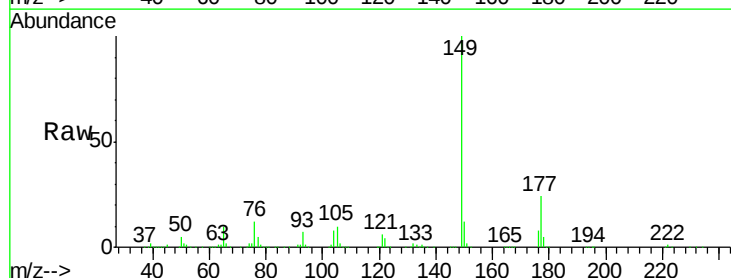


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

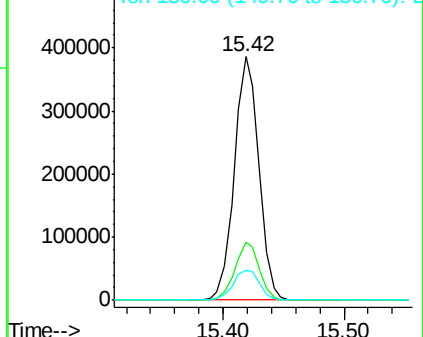
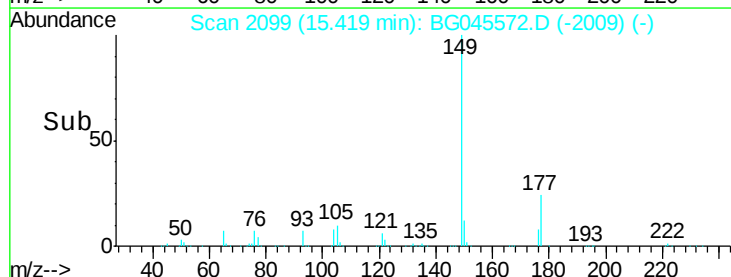


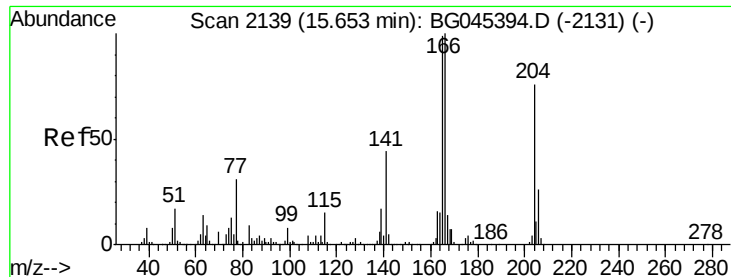
#60
 Diethylphthalate
 Concen: 47.625 ng
 RT: 15.42 min Scan# 2099
 Delta R.T. 0.00 min
 Lab File: BG045572.D
 Acq: 2 Jun 2020 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	544239		
177	23.7		19.0	28.4
150	12.3		11.4	17.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





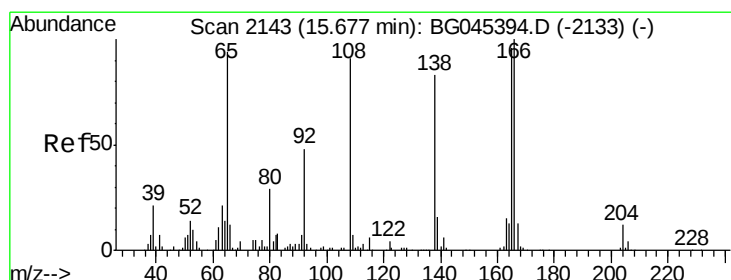
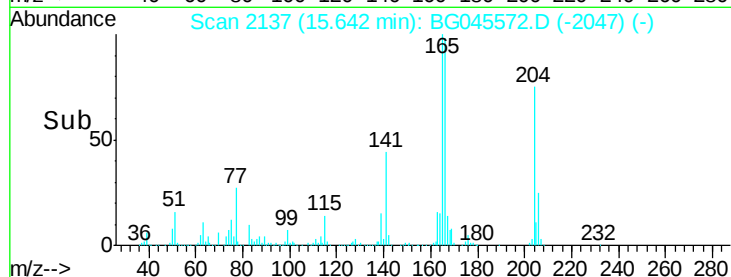
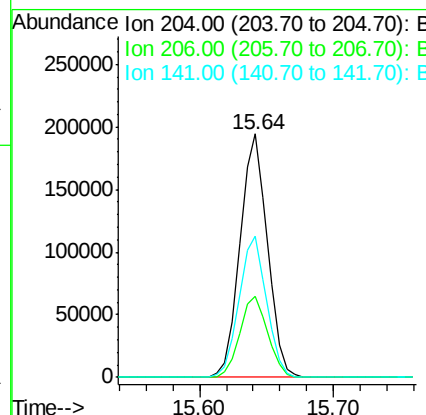
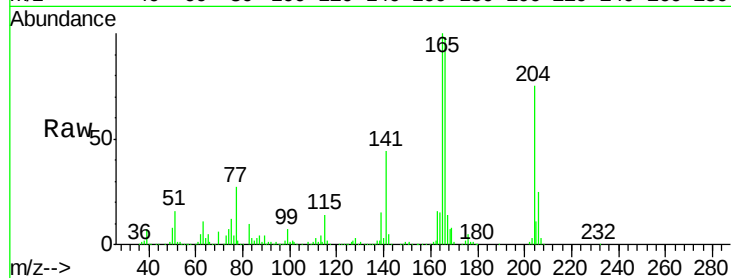
#61
4-Chlorophenyl-phenylether
Concen: 46.009 ng
RT: 15.64 min Scan# 2137
Delta R.T. 0.00 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Instrument :
BNA_G
ClientSampled :
PB129213BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	275795		
206	33.0		27.3	40.9
141	58.1		45.9	68.9

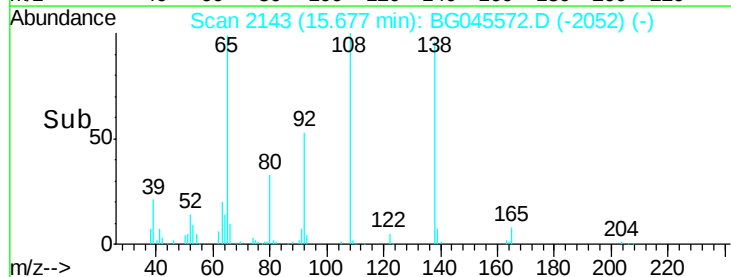
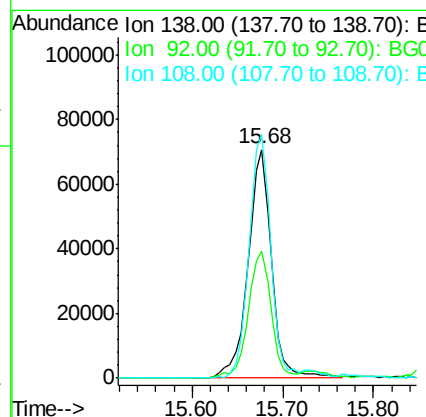
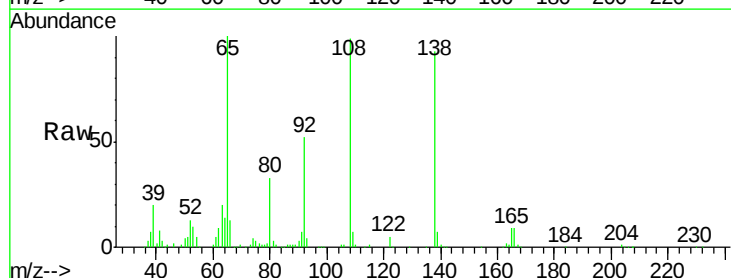
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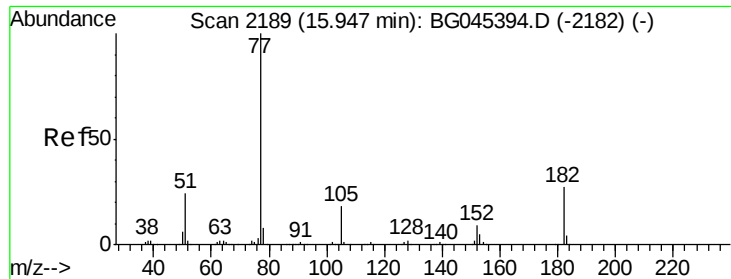
mohammad
6/3/2020 4:35:20 PM



#62
4-Nitroaniline
Concen: 48.030 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.01 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	126278		
92	55.7		38.0	78.0
108	106.6		89.3	129.3





#63

Azobenzene

Concen: 47.916 ng

RT: 15.94 min Scan# 2187

Delta R.T. 0.01 min

Lab File: BG045572.D

Acq: 2 Jun 2020 10:53

Instrument :

BNA_G

ClientSampleId :

PB129213BS

Tot Ion: 77 Resp: 510572

Ion Ratio Lower Upper

77 100

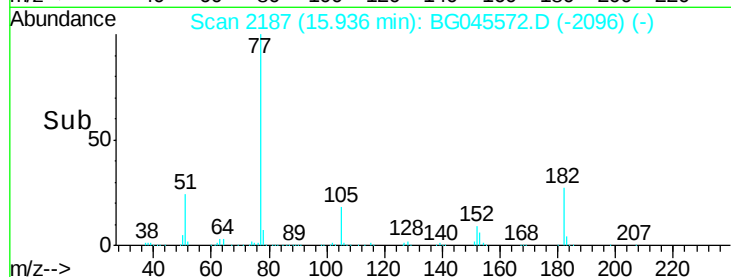
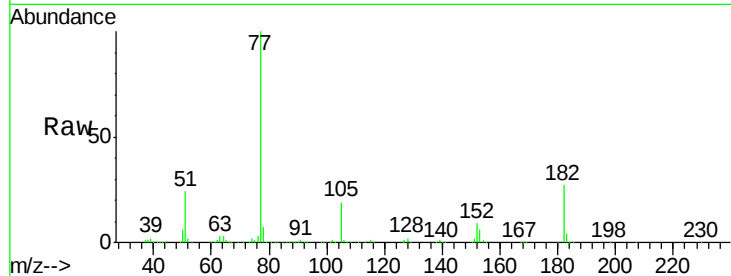
182 27.0 6.5 46.5

105 19.1 0.0 37.9

51 23.8 4.1 44.1

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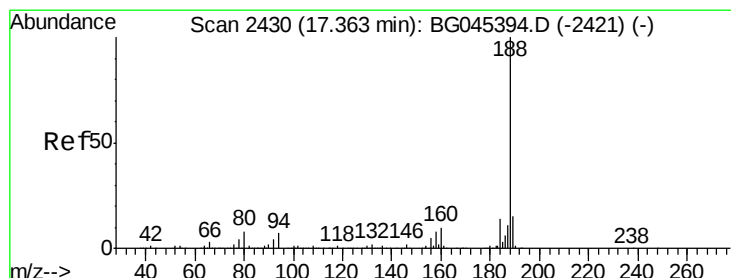
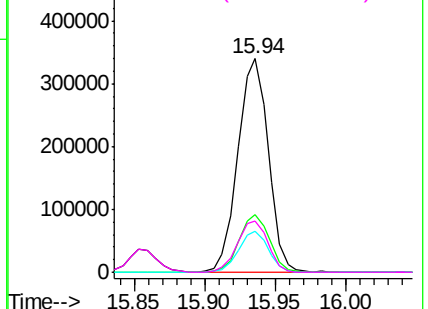


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.35 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BG045572.D

Acq: 2 Jun 2020 10:53

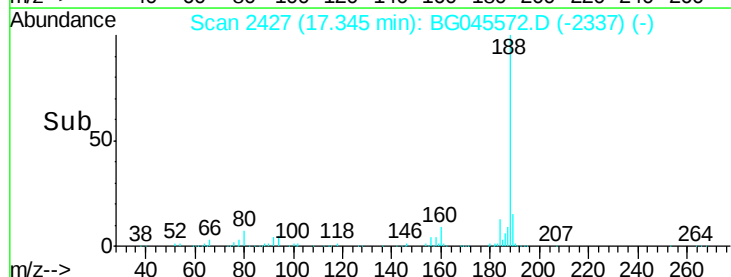
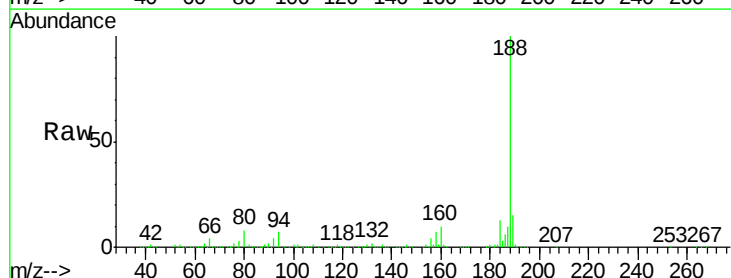
Tgt Ion: 188 Resp: 394037

Ion Ratio Lower Upper

188 100

94 7.0 5.5 8.3

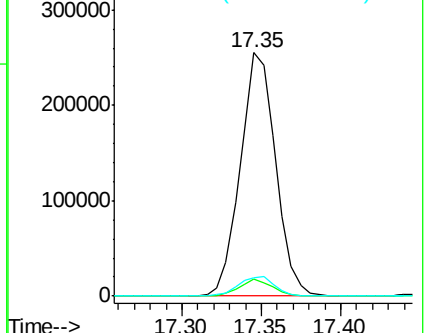
80 7.6 6.6 10.0

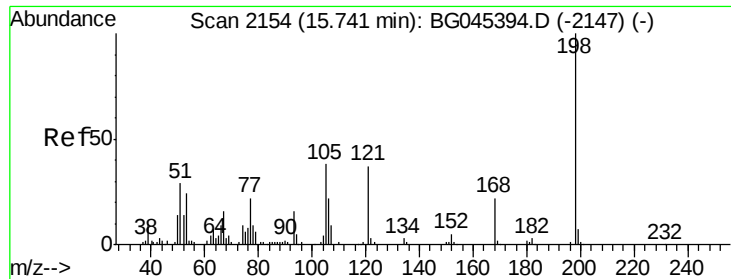


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 48.278 ng

RT: 15.74 min Scan# 2153

Delta R.T. 0.01 min

Lab File: BG045572.D

Acq: 2 Jun 2020 10:53

Instrument :

BNA_G

ClientSampleId :

PB129213BS

Tot Ion:198 Resp: 110792

Ion Ratio Lower Upper

198 100

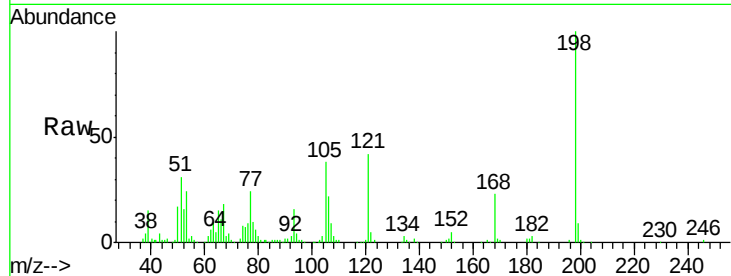
51 30.5 10.0 50.0

105 38.0 18.9 58.9

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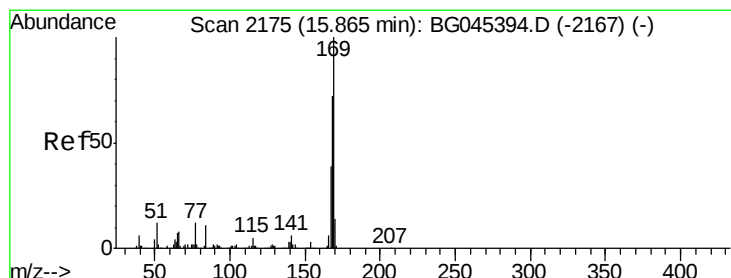
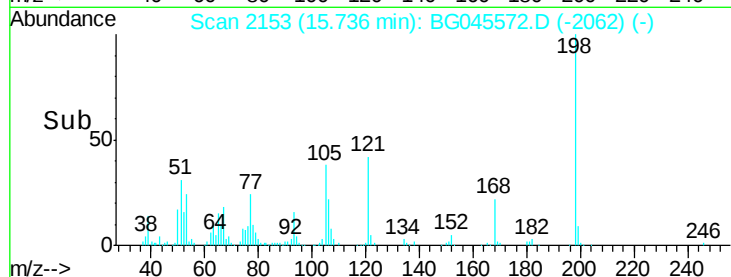
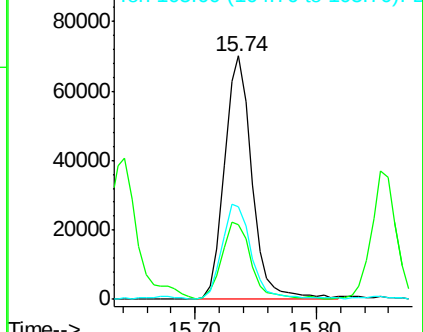
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.969 ng

RT: 15.86 min Scan# 2174

Delta R.T. 0.01 min

Lab File: BG045572.D

Acq: 2 Jun 2020 10:53

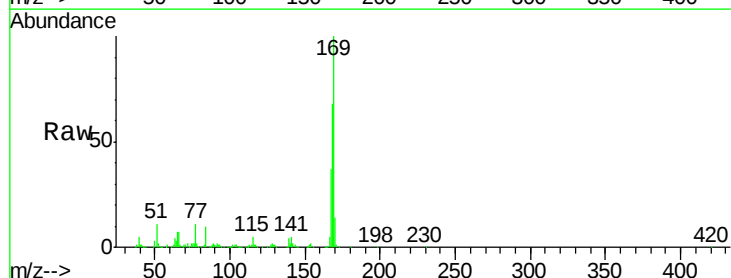
Tgt Ion:169 Resp: 453829

Ion Ratio Lower Upper

169 100

168 67.9 57.8 86.6

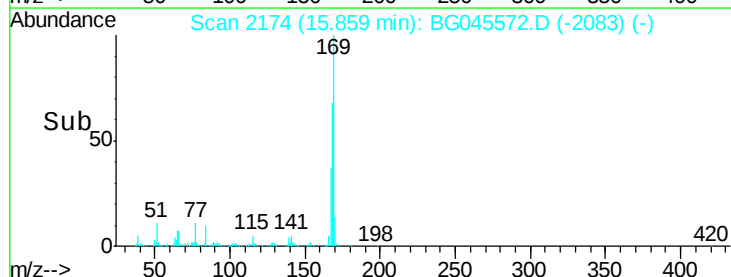
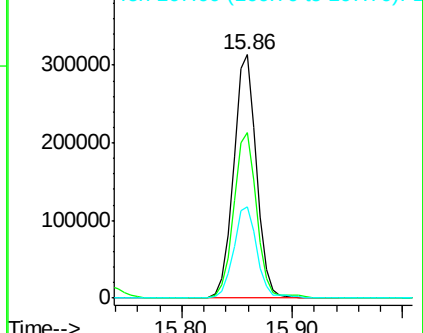
167 37.3 31.5 47.3

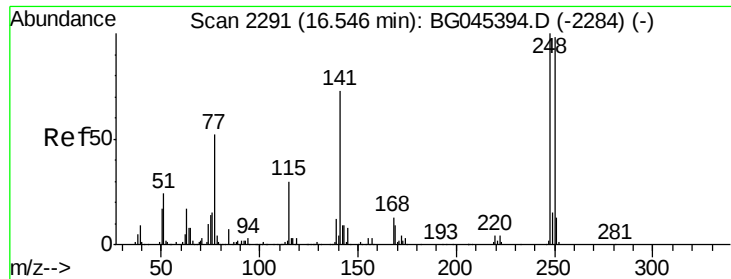


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





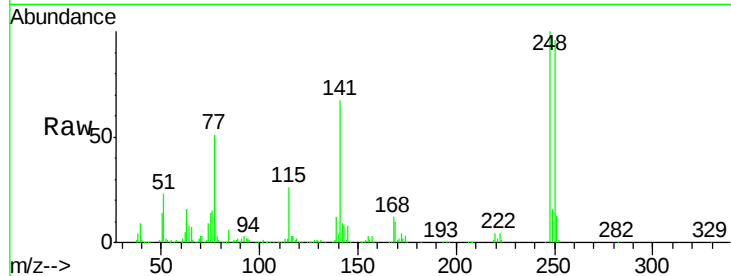
#67
 4-Bromophenyl-phenylether
 Concen: 45.227 ng
 RT: 16.53 min Scan# 2289
 Delta R.T. 0.00 min
 Lab File: BG045572.D
 Acq: 2 Jun 2020 10:53

Instrument :
 BNA_G
 ClientSampleId :
 PB129213BS

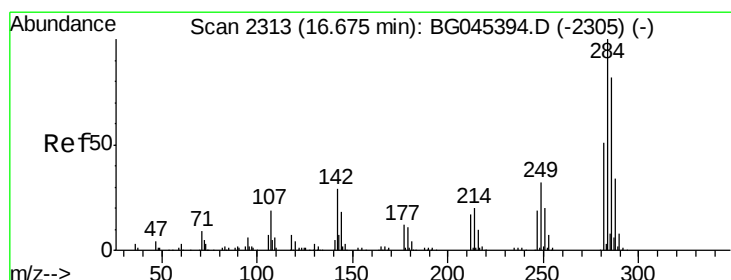
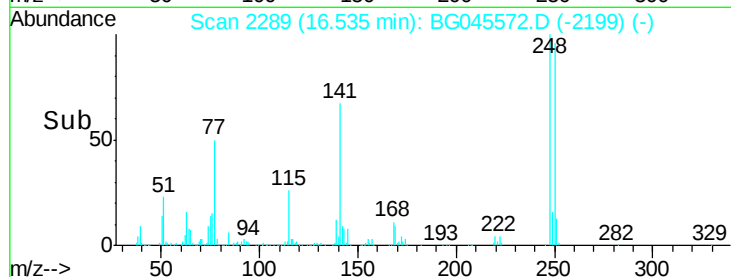
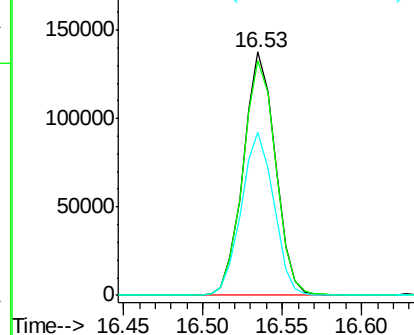
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.2	78.6	117.8
141	67.1	58.2	87.2

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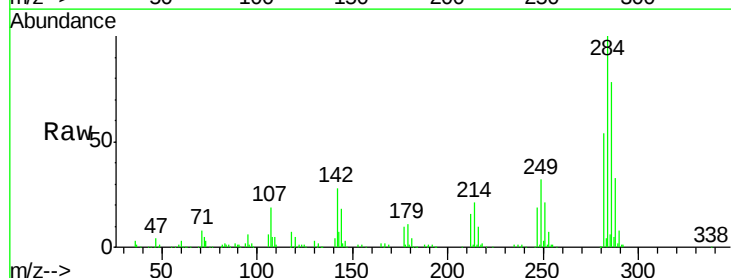


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

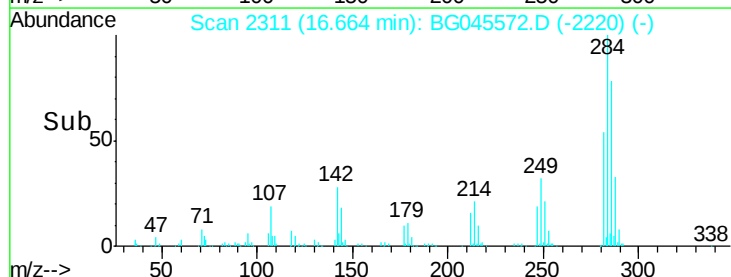
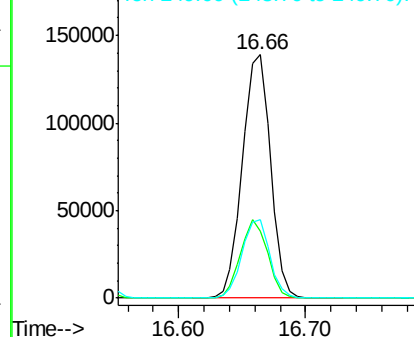


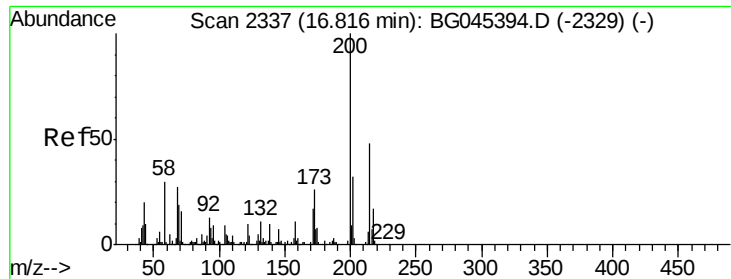
#68
 Hexachlorobenzene
 Concen: 47.838 ng
 RT: 16.66 min Scan# 2311
 Delta R.T. 0.01 min
 Lab File: BG045572.D
 Acq: 2 Jun 2020 10:53

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.7	23.0	34.6
249	32.3	25.8	38.6



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





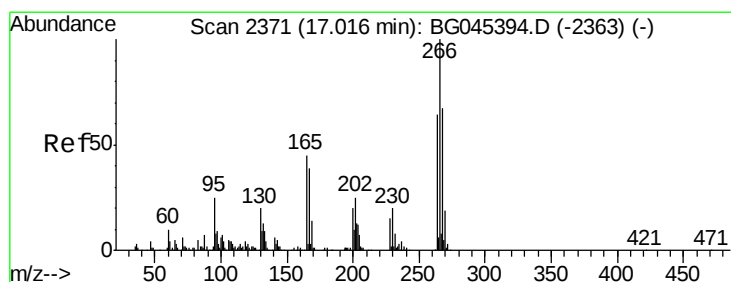
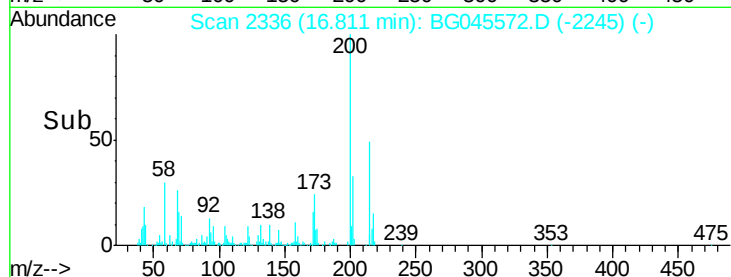
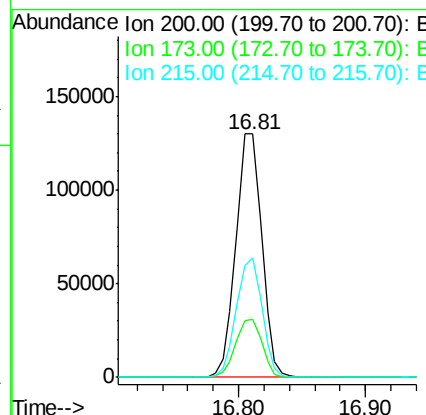
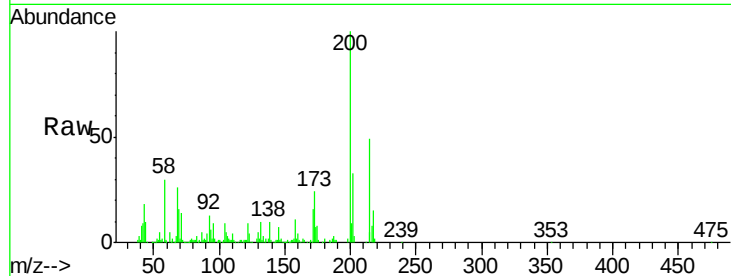
#69
Atrazine
Concen: 47.107 ng
RT: 16.81 min Scan# 2336
Delta R.T. 0.01 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Instrument :
BNA_G
ClientSampleId :
PB129213BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	183568		
173	23.8	5.5	45.5	
215	49.1	28.2	68.2	

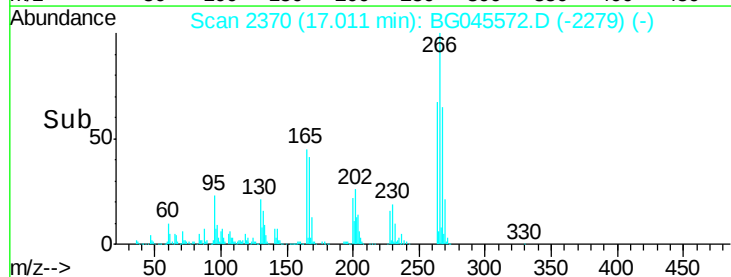
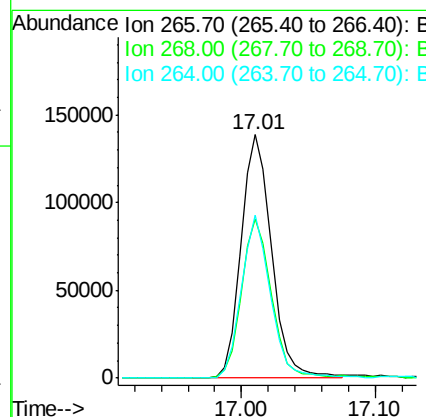
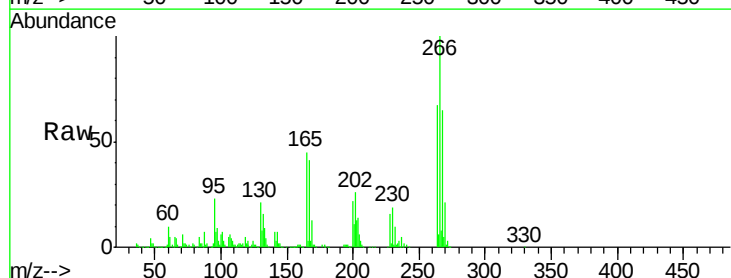
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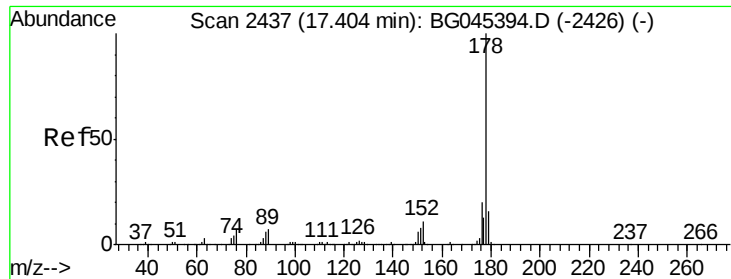
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#70
Pentachlorophenol
Concen: 94.308 ng
RT: 17.01 min Scan# 2370
Delta R.T. 0.01 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	218531		
268	65.1	53.2	79.8	
264	66.8	51.0	76.4	





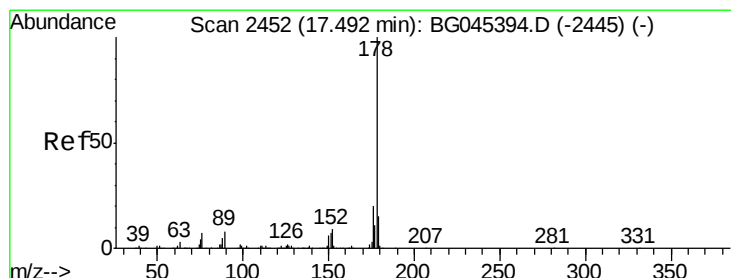
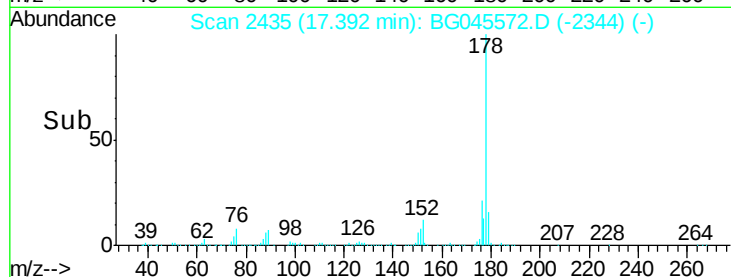
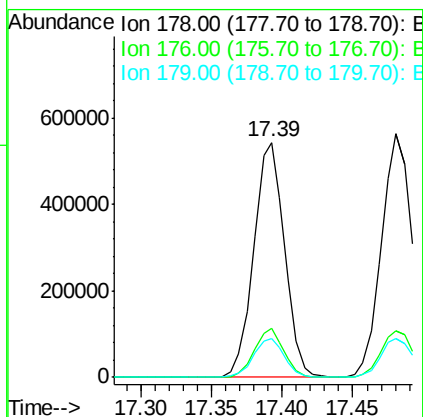
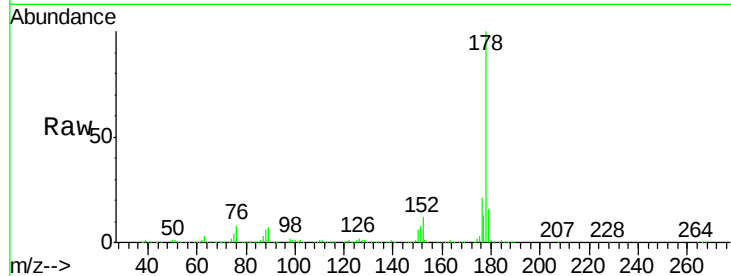
#71
Phenanthrene
Concen: 48.401 ng
RT: 17.39 min Scan# 2435
Delta R.T. 0.01 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Instrument :
BNA_G
ClientSampleId :
PB129213BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.2	24.4
179	16.3	13.1	19.7

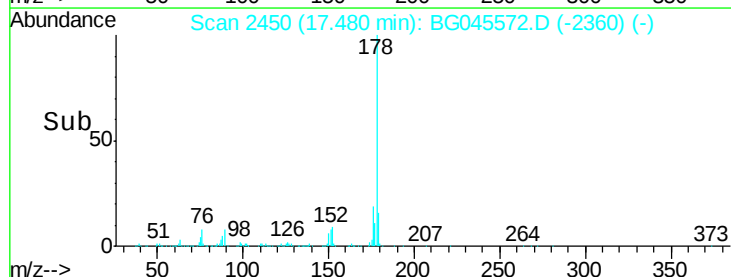
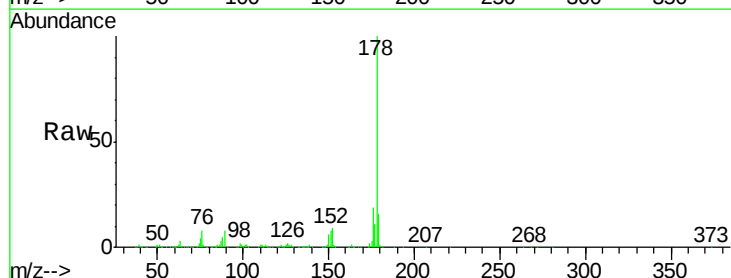
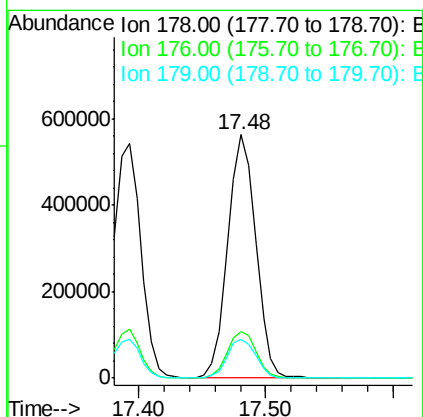
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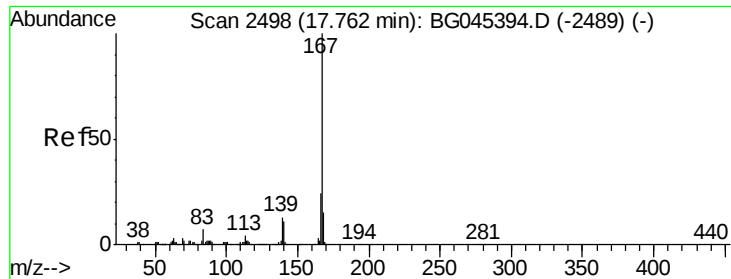
mohammad
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#72
Anthracene
Concen: 49.681 ng
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.6
179	15.9	12.2	18.4





#73

Carbazole

Concen: 48.824 ng

RT: 17.75 min Scan# 2496

Delta R.T. 0.00 min

Lab File: BG045572.D

Acq: 2 Jun 2020 10:53

Instrument :

BNA_G

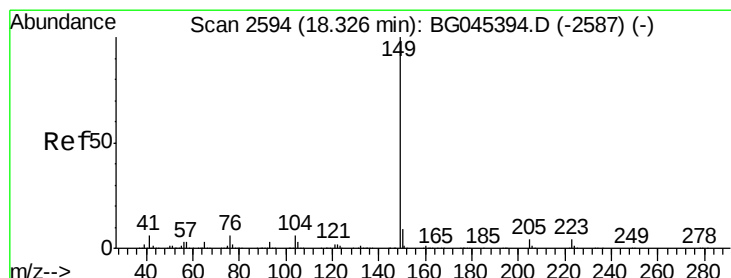
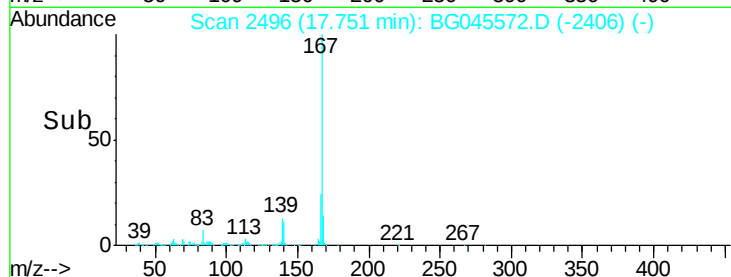
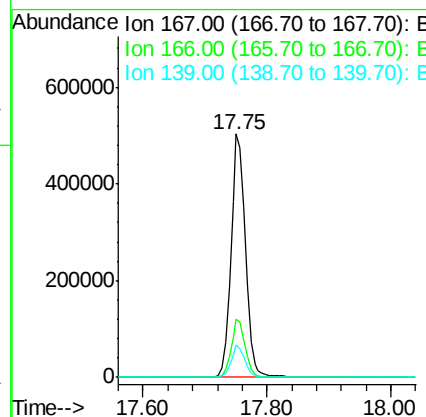
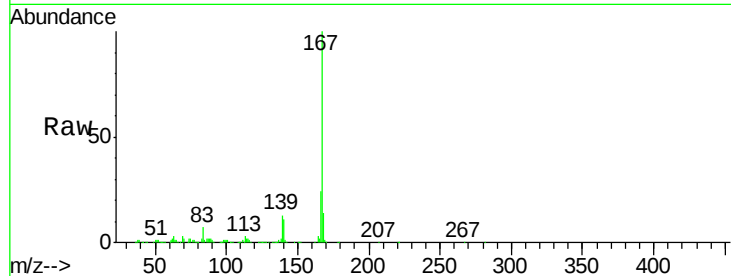
ClientSampleId :

PB129213BS

Tot Ion:	167	Resp:	822137
Ion Ratio	Lower	Upper	
167	100		
166	23.7	19.2	28.8
139	13.4	10.6	16.0

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#74

Di-n-butylphthalate

Concen: 48.278 ng

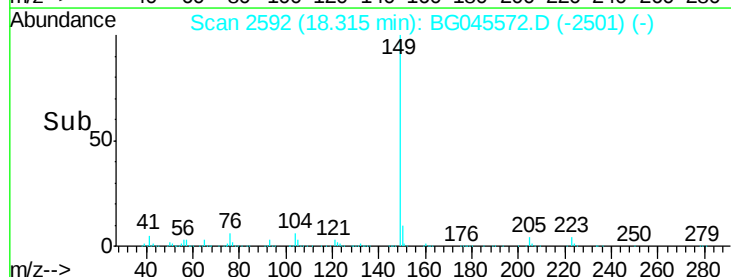
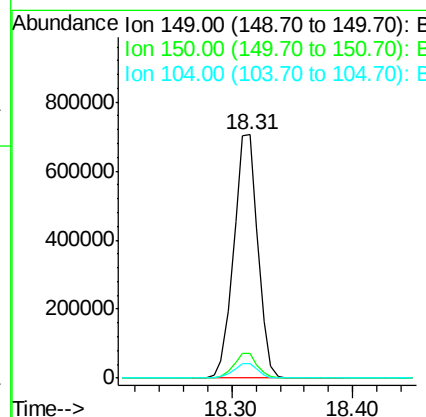
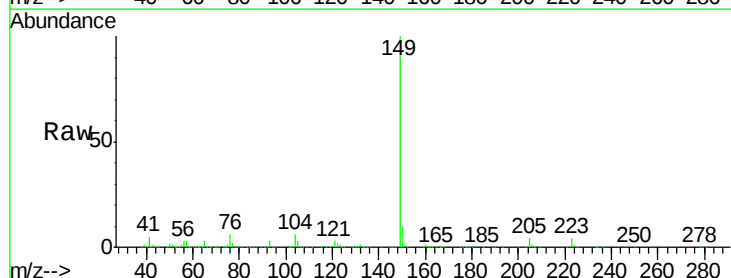
RT: 18.31 min Scan# 2592

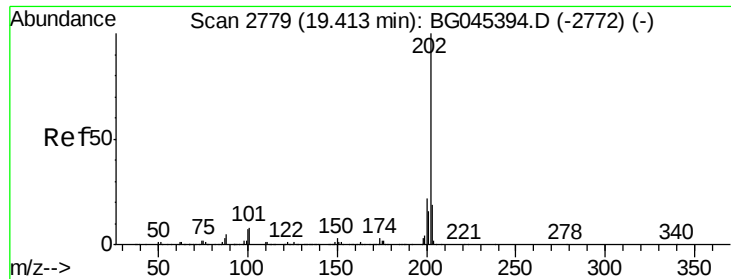
Delta R.T. 0.01 min

Lab File: BG045572.D

Acq: 2 Jun 2020 10:53

Tgt Ion:	149	Resp:	975735
Ion Ratio	Lower	Upper	
149	100		
150	10.1	7.6	11.4
104	6.1	5.0	7.4





#75

Fluoranthene

Concen: 48.091 ng

RT: 19.40 min Scan# 2777

Delta R.T. 0.00 min

Lab File: BG045572.D

Acq: 2 Jun 2020 10:53

Instrument :

BNA_G

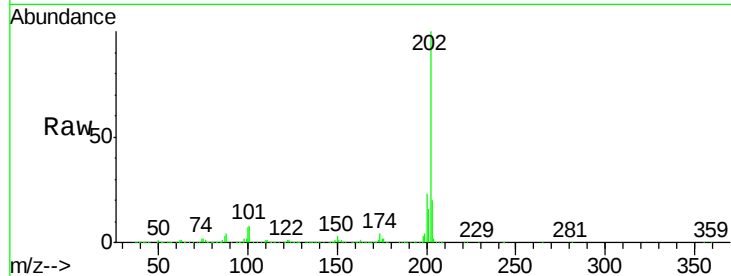
ClientSampleId :

PB129213BS

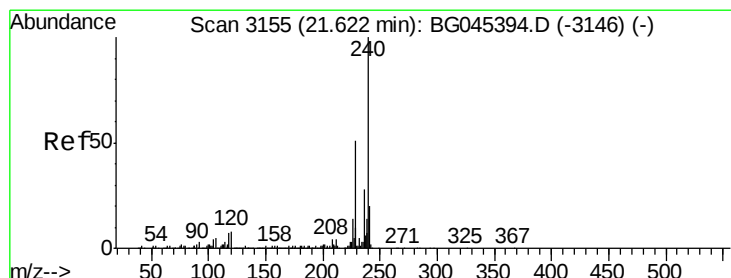
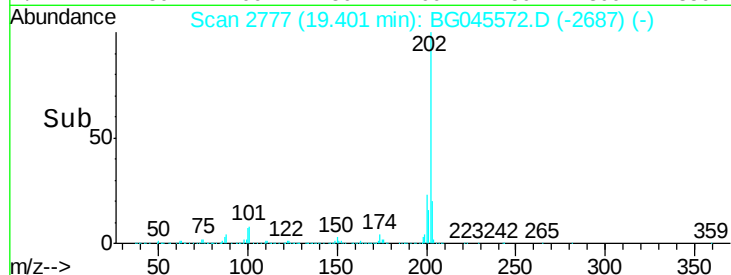
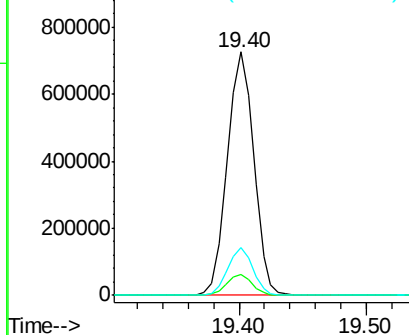
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		1052219		
101	8.5	0.0	28.3		
203	19.6	0.0	39.0		

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

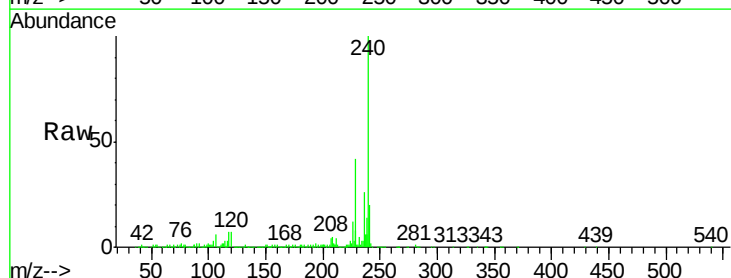
RT: 21.61 min Scan# 3153

Delta R.T. 0.01 min

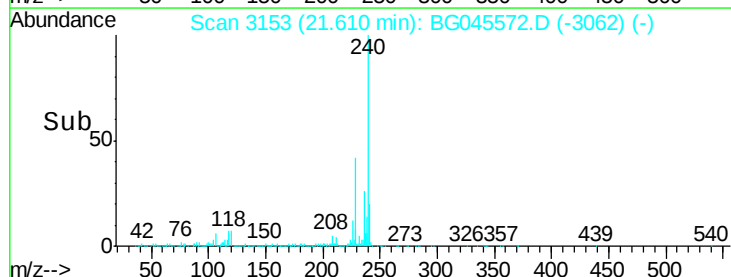
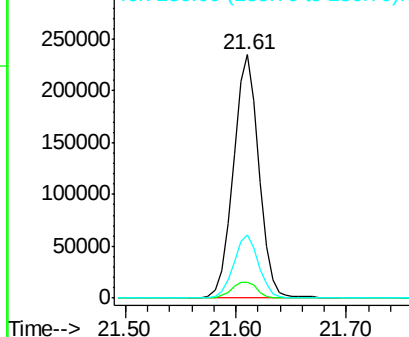
Lab File: BG045572.D

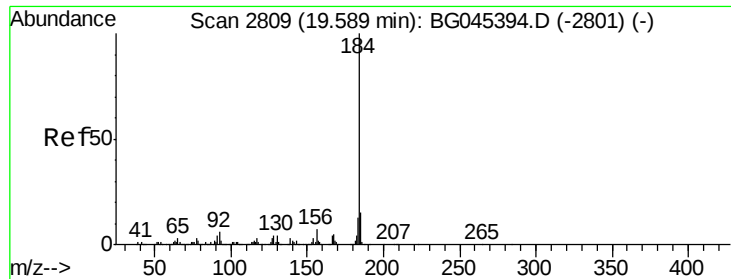
Acq: 2 Jun 2020 10:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		379106		
120	6.6	6.1	9.1		
236	25.9	22.3	33.5		



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 48.636 ng

RT: 19.58 min Scan# 2807

Delta R.T. 0.00 min

Lab File: BG045572.D

Acq: 2 Jun 2020 10:53

Instrument :

BNA_G

ClientSampleId :

PB129213BS

Tot Ion:184 Resp: 517849

Ion Ratio Lower Upper

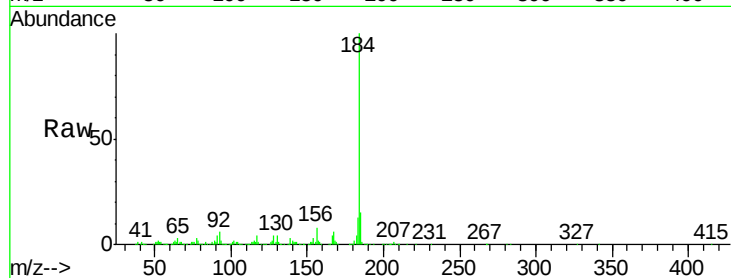
184 100

185 15.1 11.7 17.5

183 13.3 10.2 15.4

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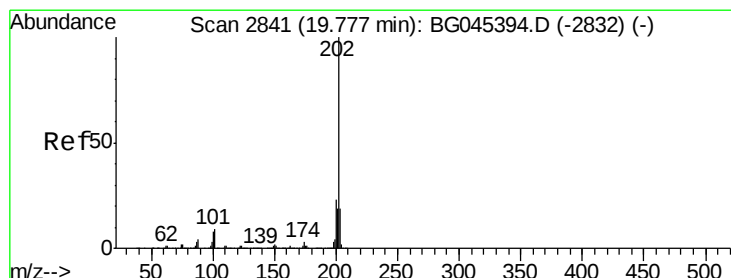
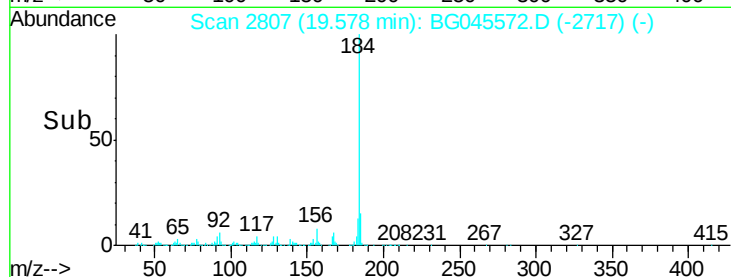
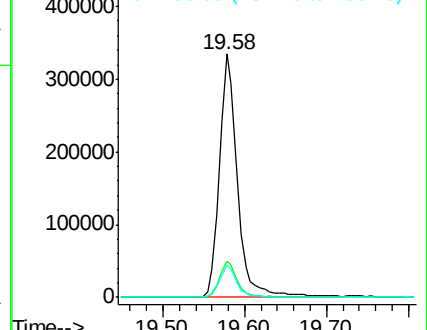
mohammad
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 48.971 ng

RT: 19.76 min Scan# 2838

Delta R.T. 0.00 min

Lab File: BG045572.D

Acq: 2 Jun 2020 10:53

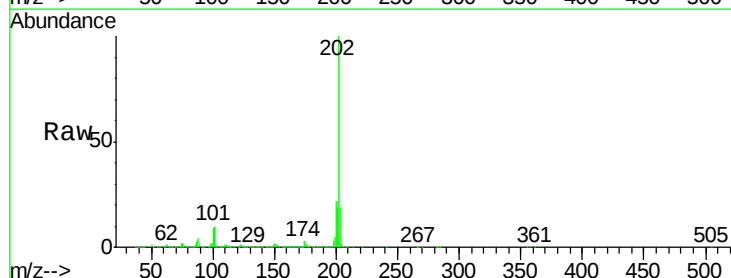
Tgt Ion:202 Resp: 1058285

Ion Ratio Lower Upper

202 100

200 22.3 18.2 27.2

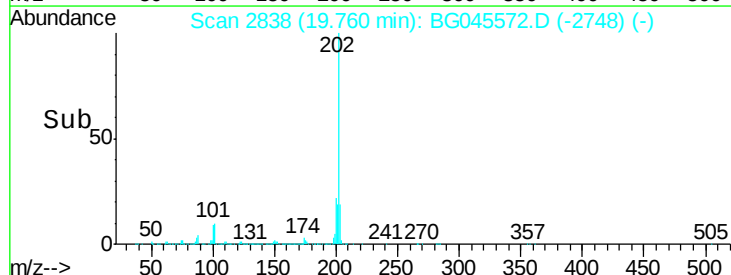
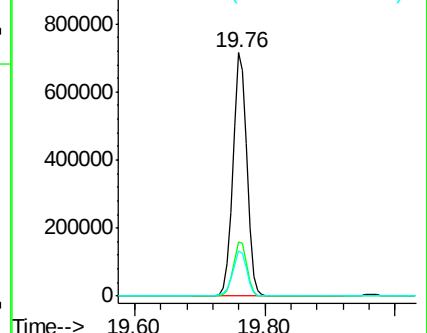
203 18.8 15.1 22.7

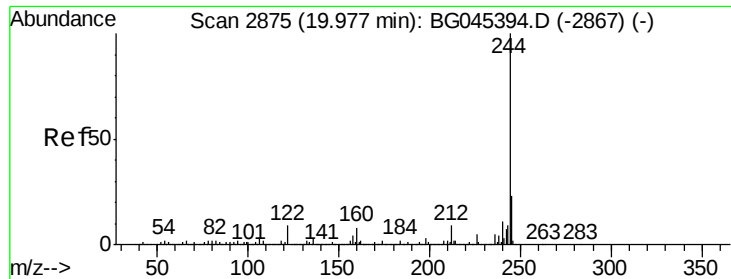


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





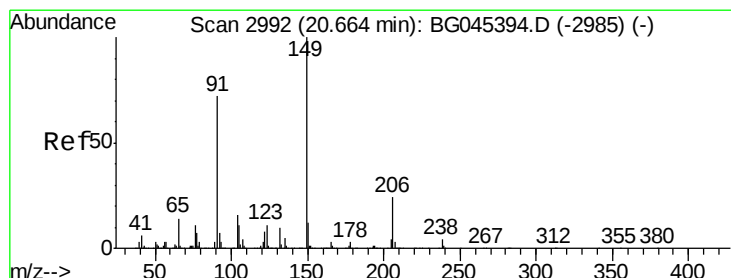
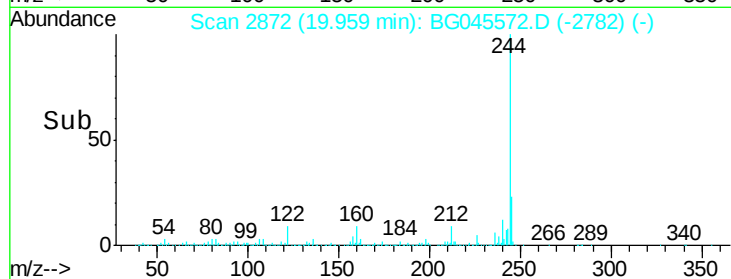
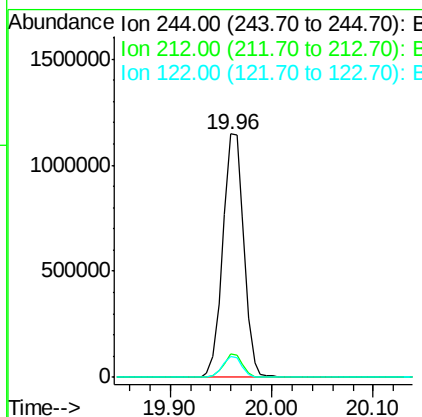
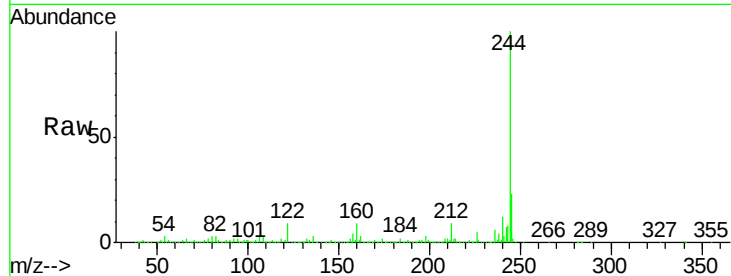
#79
 Terphenyl-d14
 Concen: 101.571 ng
 RT: 19.96 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: BG045572.D
 Acq: 2 Jun 2020 10:53

Instrument :
 BNA_G
 ClientSampleId :
 PB129213BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.4	11.0
122	8.7	6.8	10.2

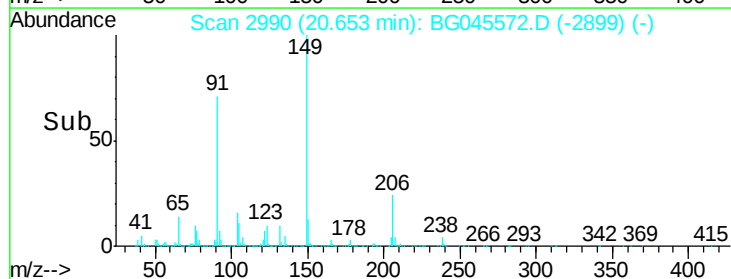
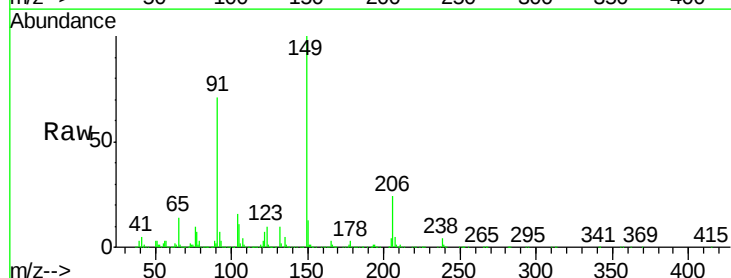
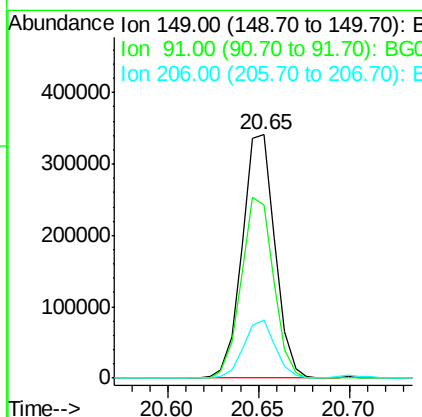
Manual Integrations
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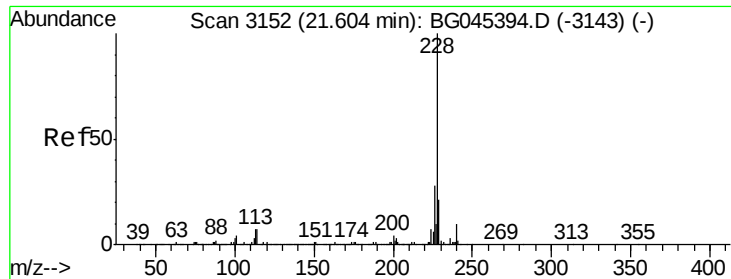
mohammad
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#80
 Butylbenzylphthalate
 Concen: 45.683 ng
 RT: 20.65 min Scan# 2990
 Delta R.T. 0.01 min
 Lab File: BG045572.D
 Acq: 2 Jun 2020 10:53

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.1	57.8	86.6
206	23.7	19.1	28.7





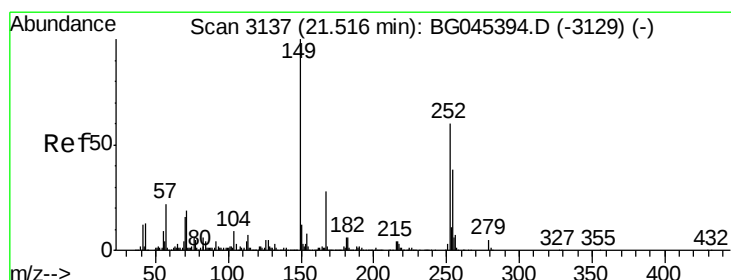
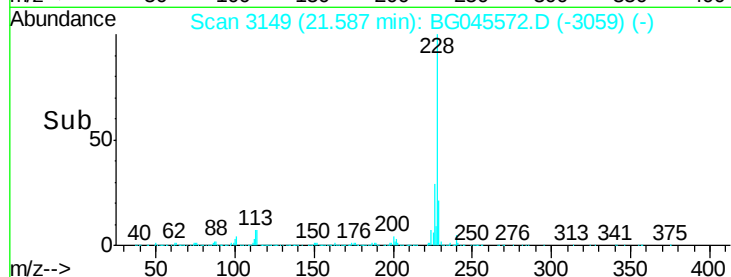
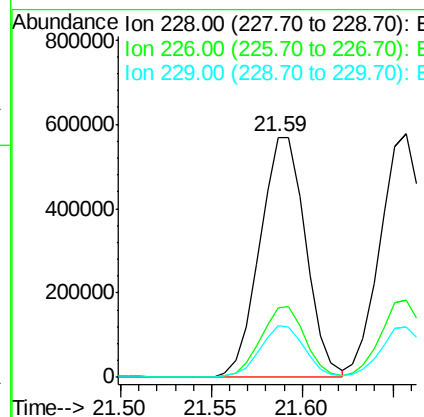
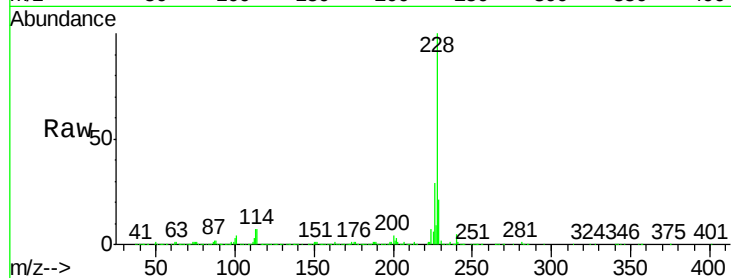
#81
Benzo(a)anthracene
Concen: 47.436 ng
RT: 21.59 min Scan# 3149
Delta R.T. 0.00 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Instrument :
BNA_G
ClientSampleId :
PB129213BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.7	34.1
229	21.4	16.7	25.1

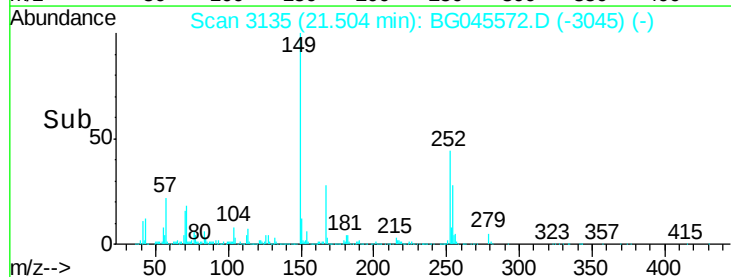
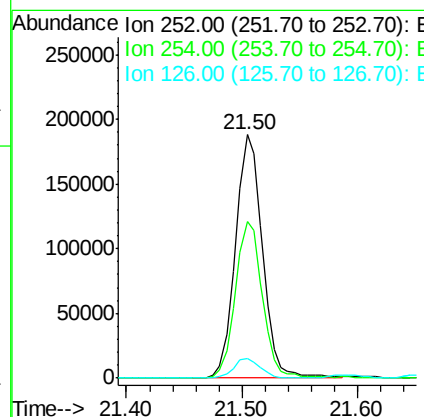
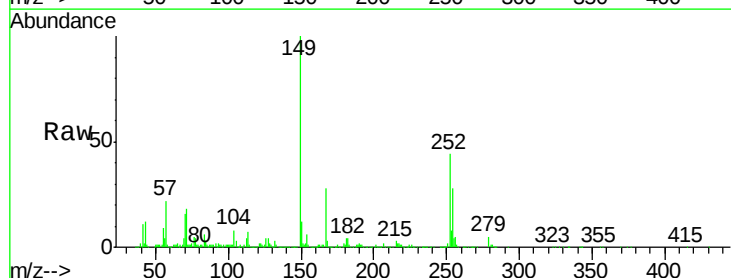
Manual Integrations
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#82
3,3'-Dichlorobenzidine
Concen: 36.683 ng
RT: 21.50 min Scan# 3135
Delta R.T. 0.00 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.3	76.9
126	8.2	6.6	10.0





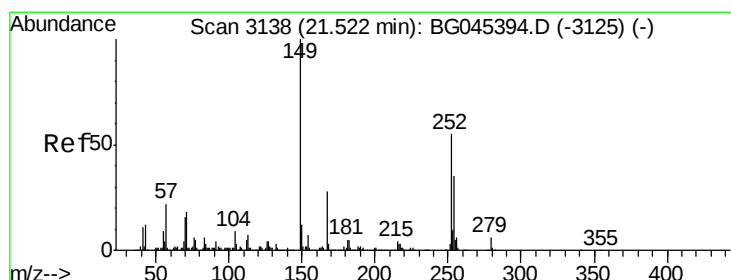
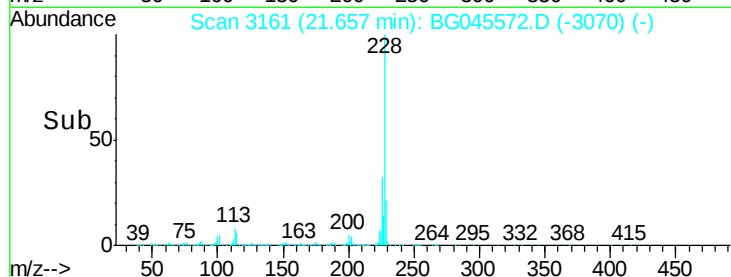
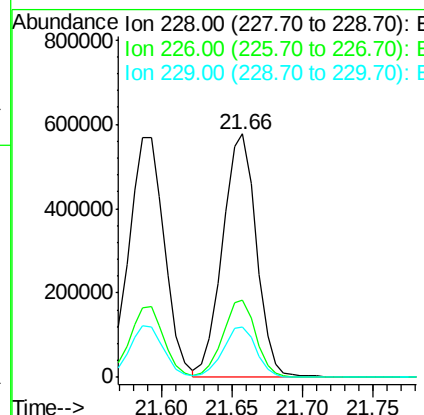
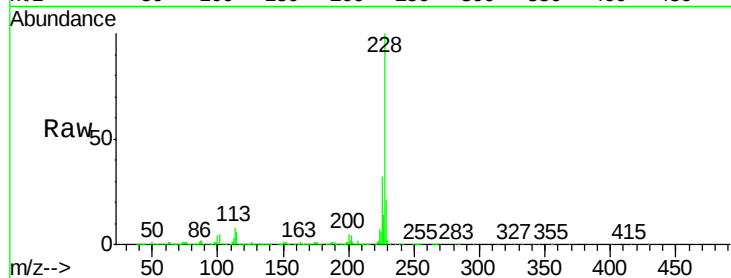
#83
 Chrvsene
 Concen: 47.033 ng
 RT: 21.66 min Scan# 3161
 Delta R.T. 0.01 min
 Lab File: BG045572.D
 Acq: 2 Jun 2020 10:53

Instrument :
 BNA_G
 ClientSampleId :
 PB129213BS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	955083		
226	31.9		25.2	37.8
229	20.9		16.7	25.1

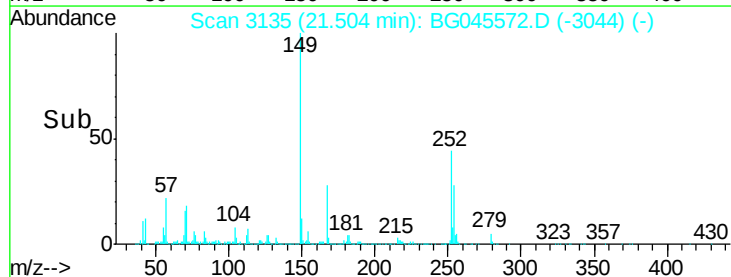
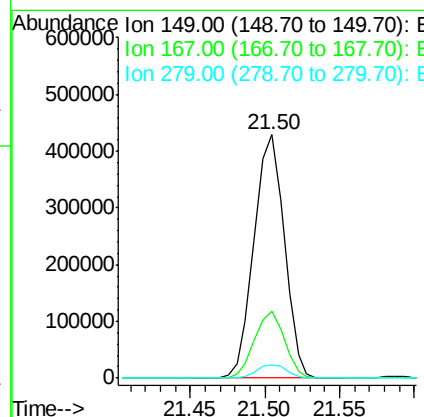
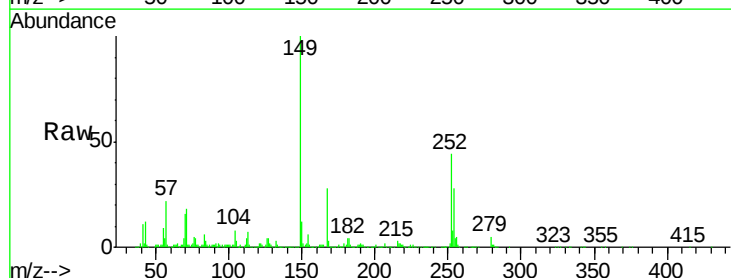
Manual Integrations
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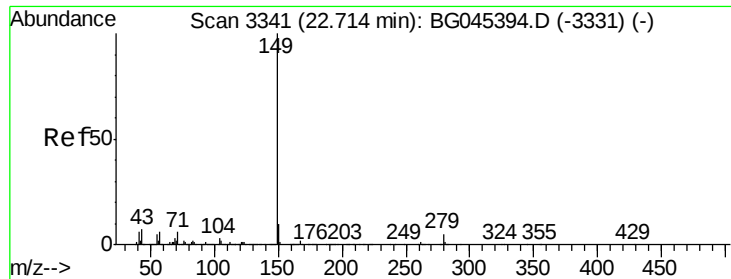
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.826 ng
 RT: 21.50 min Scan# 3135
 Delta R.T. 0.01 min
 Lab File: BG045572.D
 Acq: 2 Jun 2020 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	600415		
167	27.7		22.2	33.2
279	5.2		4.7	7.1





#85

Di-n-octyl phthalate

Concen: 45.906 ng

RT: 22.69 min Scan# 3337

Delta R.T. 0.01 min

Lab File: BG045572.D

Acq: 2 Jun 2020 10:53

Instrument :

BNA_G

ClientSampleId :

PB129213BS

Tot Ion:149 Resp: 1010970

Ion Ratio Lower Upper

149 100

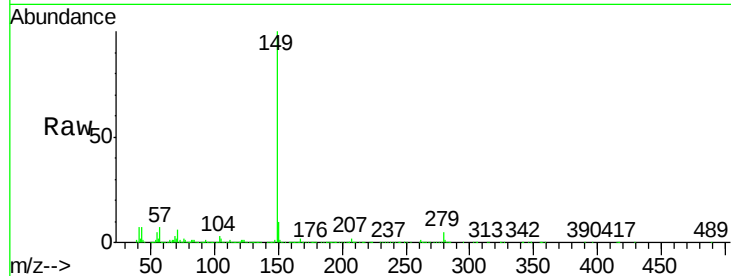
167 1.7 1.4 2.0

43 7.4 5.8 8.8

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

800000

600000

400000

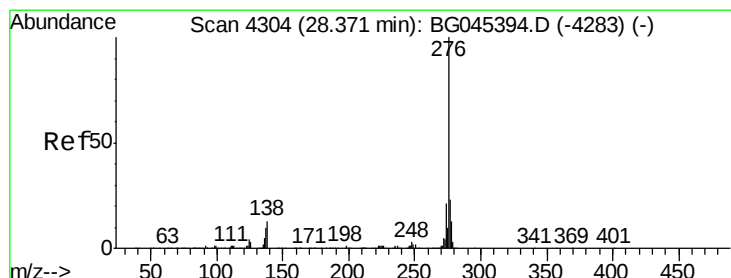
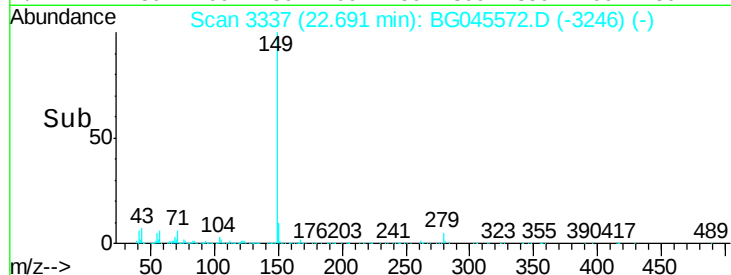
200000

0

22.60

22.70

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.798 ng

RT: 28.34 min Scan# 4298

Delta R.T. 0.01 min

Lab File: BG045572.D

Acq: 2 Jun 2020 10:53

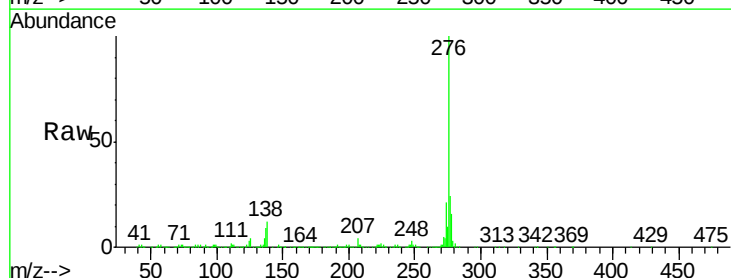
Tgt Ion:276 Resp: 1216141

Ion Ratio Lower Upper

276 100

138 10.6 8.6 12.8

277 26.5 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

250000

200000

150000

100000

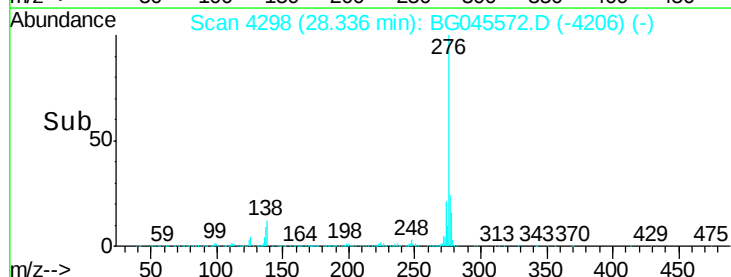
50000

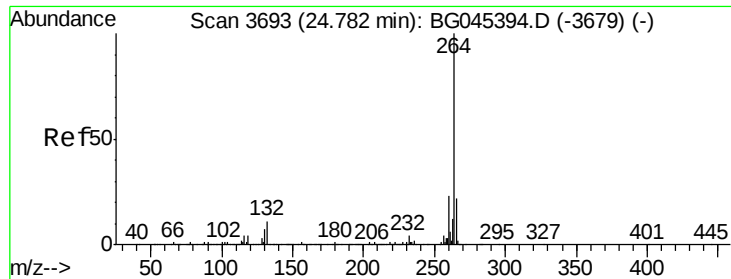
0

28.20

28.40

Time-->





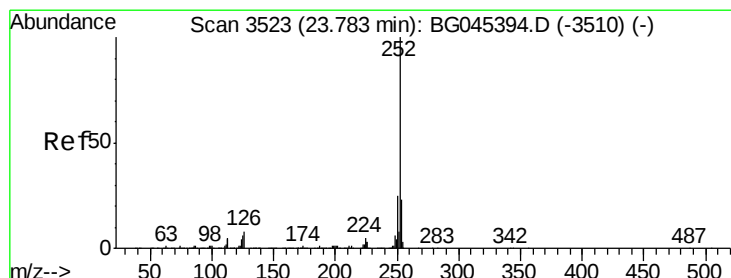
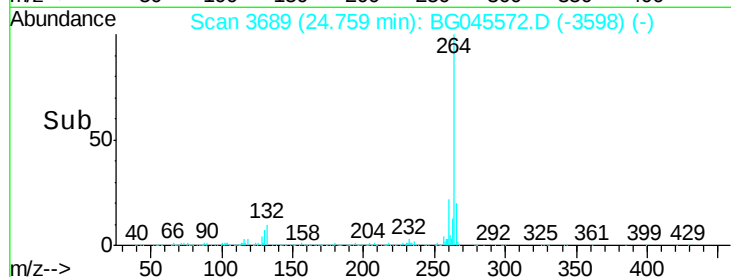
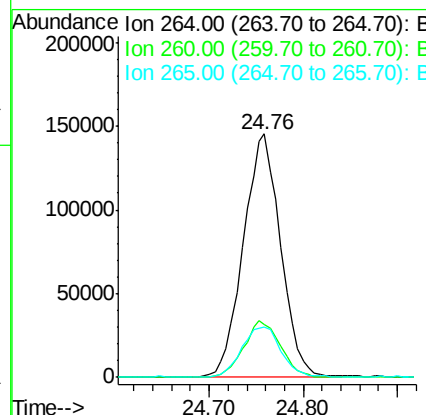
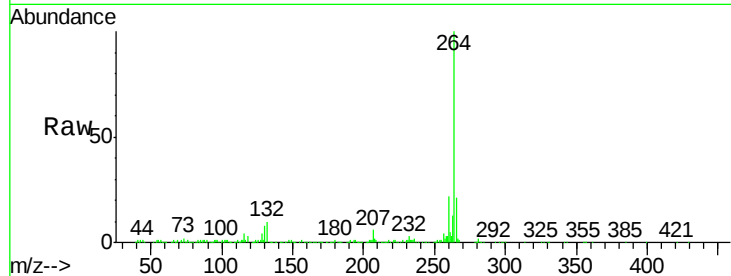
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.76 min Scan# 3689
Delta R.T. 0.01 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Instrument :
BNA_G
ClientSampleId :
PB129213BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.2	27.4
265	20.8	17.6	26.4

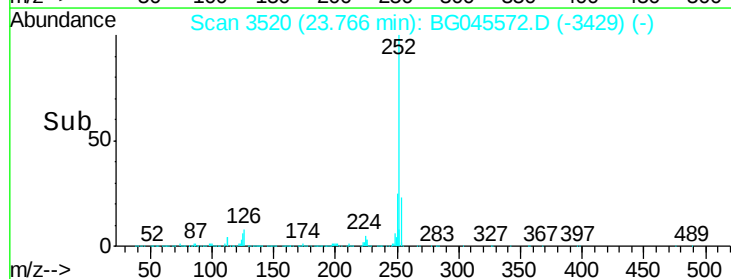
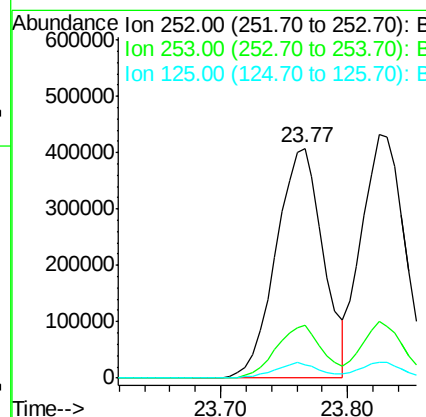
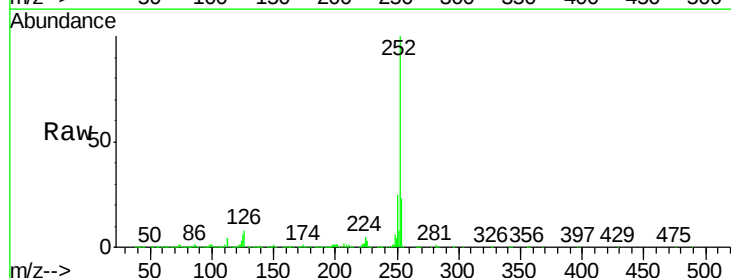
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#88
Benzo(b)fluoranthene
Concen: 49.269 ng
RT: 23.77 min Scan# 3520
Delta R.T. 0.01 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	6.0	5.0	7.6





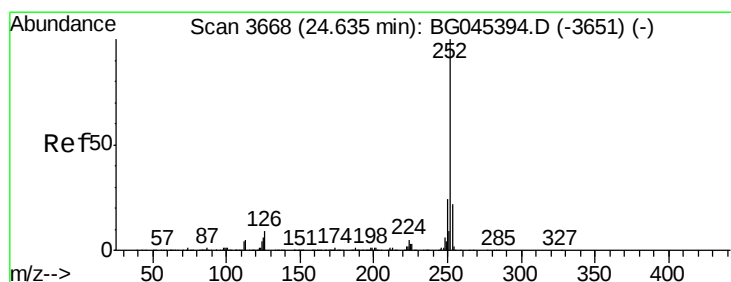
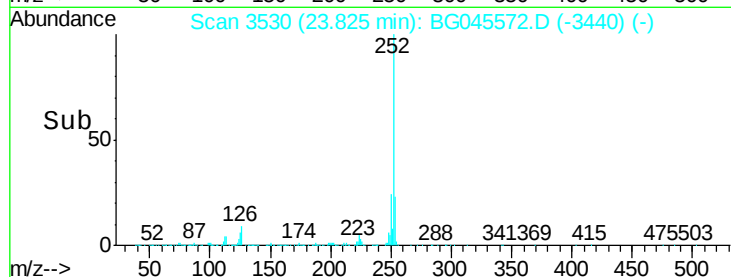
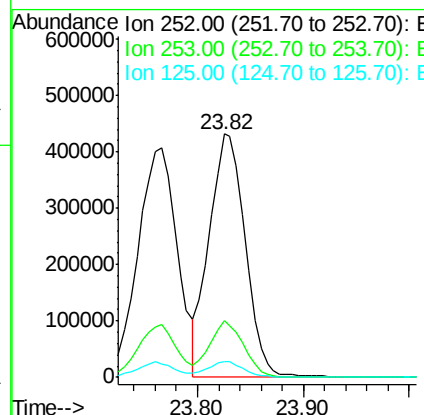
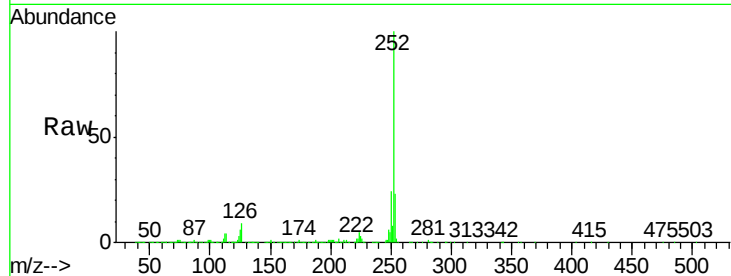
#89
Benzo(k)fluoranthene
Concen: 50.742 ng
RT: 23.82 min Scan# 3530
Delta R.T. 0.00 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Instrument :
BNA_G
ClientSampleId :
PB129213BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.4	27.6
125	6.4	5.7	8.5

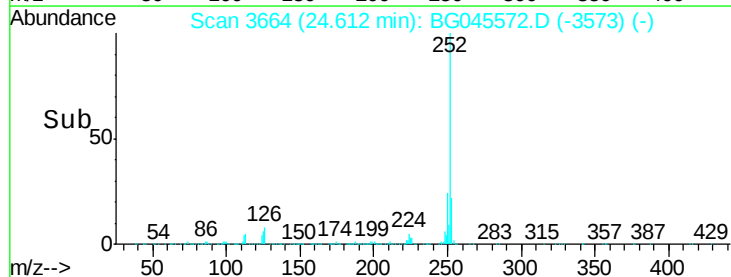
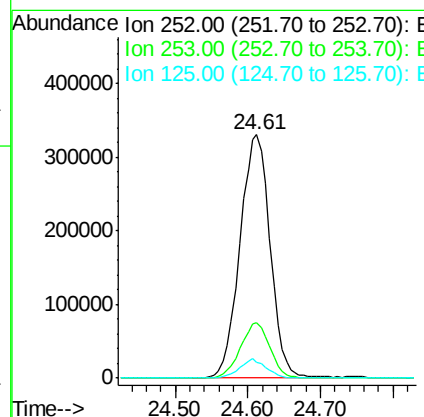
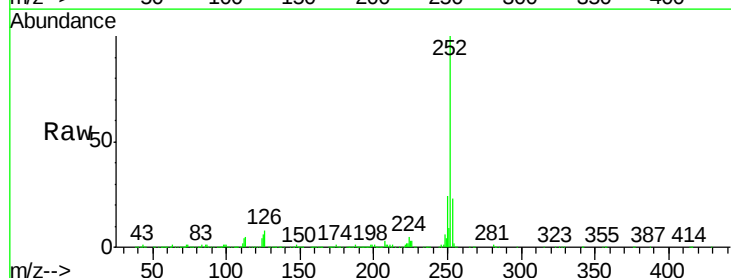
Manual Integrations
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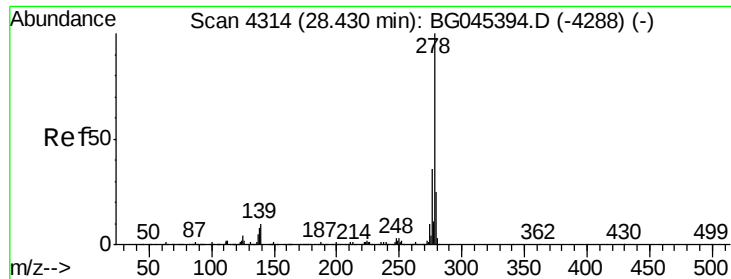
mohammad
6/3/2020 4:35:20 PM



#90
Benzo(a)pyrene
Concen: 47.876 ng
RT: 24.61 min Scan# 3664
Delta R.T. 0.01 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	6.3	5.0	7.6





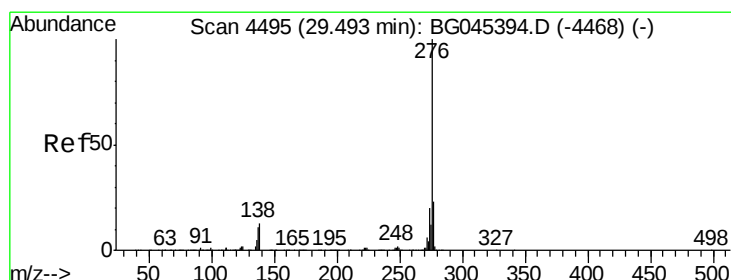
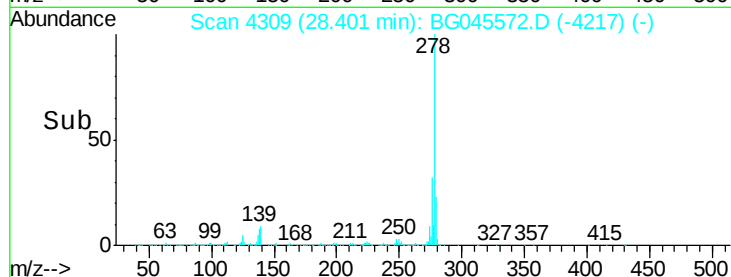
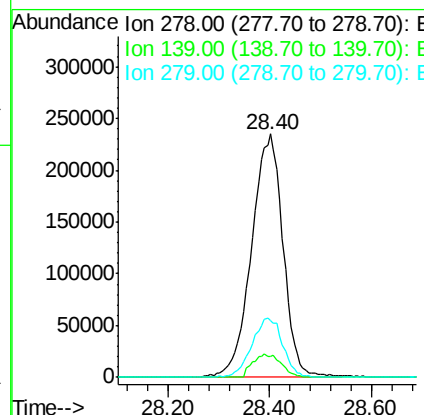
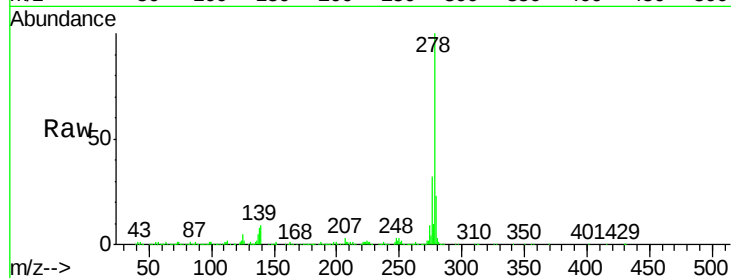
#91
Dibenzo(a,h)anthracene
Concen: 50.235 ng
RT: 28.40 min Scan# 4309
Delta R.T. 0.01 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Instrument :
BNA_G
ClientSampleId :
PB129213BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.6	7.8	11.8
279	23.4	19.8	29.8

Manual Integrations
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6/3/2020 4:35:20 PM



#92
Benzo(g,h,i)perylene
Concen: 50.713 ng
RT: 29.45 min Scan# 4488
Delta R.T. 0.01 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.1	27.1
138	12.5	10.2	15.4

