

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
 Data File : BG045693.D
 Acq On : 10 Jun 2020 15:53
 Operator : CG/JU
 Sample : PB129457BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129457BSD

Manual Integrations
 APPROVED

mohammad
 6/11/2020 1:47:55 PM

Quant Time: Jun 10 18:25:07 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	7.95	152	48468	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	197995	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	145582	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	355942	20.00	ng	0.00
76) Chrysene-d12	21.60	240	325437	20.00	ng	0.00
87) Perylene-d12	24.74	264	371687	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	387959	156.43	ng	0.00
7) Phenol-d6	7.14	99	556730	157.72	ng	-0.01
23) Nitrobenzene-d5	9.11	82	357650	98.50	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	281139	151.00	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	858212	99.99	ng	0.00
79) Terphenyl-d14	19.95	244	1479612	106.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	49585	40.318	ng	# 92
3) Pyridine	3.79	79	142133	41.496	ng	97
4) n-Nitrosodimethylamine	3.71	42	62950	56.164	ng	81
6) Aniline	7.27	93	185683	40.296	ng	98
8) 2-Chlorophenol	7.52	128	148607	54.641	ng	98
9) Benzaldehyde	7.08	77	111497	48.481	ng	96
10) Phenol	7.16	94	204418	56.189	ng	97
11) bis(2-Chloroethyl)ether	7.36	93	137239	48.363	ng	97
12) 1,3-Dichlorobenzene	7.83	146	154424	47.249	ng	94
13) 1,4-Dichlorobenzene	7.98	146	158407	49.113	ng	95
14) 1,2-Dichlorobenzene	8.30	146	149540	48.205	ng	95
15) Benzyl Alcohol	8.19	79	156759	53.758	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.47	45	132816	49.308	ng	96
17) 2-Methylphenol	8.41	107	138539	50.877	ng	99
18) Hexachloroethane	9.03	117	61862	50.078	ng	98
19) n-Nitroso-di-n-propylamine	8.75	70	131142	53.726	ng	98
20) 3+4-Methylphenols	8.74	107	192352	51.874	ng	96
22) Acetophenone	8.77	105	226917	48.355	ng	96
24) Nitrobenzene	9.15	77	195259	50.194	ng	94
25) Isophorone	9.67	82	364793	51.017	ng	99
26) 2-Nitrophenol	9.86	139	87953	52.853	ng	93
27) 2,4-Dimethylphenol	9.94	122	142914	57.904	ng	96
28) bis(2-Chloroethoxy)methane	10.15	93	198319	52.885	ng	97
29) 2,4-Dichlorophenol	10.41	162	164354	56.391	ng	98
30) 1,2,4-Trichlorobenzene	10.62	180	174891	50.782	ng	99
31) Naphthalene	10.80	128	472449	51.206	ng	98
32) Benzoic acid	10.11	122	62670	39.561	ng	93
33) 4-Chloroaniline	10.92	127	95439	24.746	ng	95
34) Hexachlorobutadiene	11.09	225	119484	49.081	ng	98
35) Caprolactam	11.69	113	55626m	51.997	ng	
36) 4-Chloro-3-methylphenol	12.06	107	189033	57.558	ng	96
37) 2-Methylnaphthalene	12.41	142	365939	53.213	ng	95
38) 1-Methylnaphthalene	12.63	142	354253	54.534	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	206734	50.841	ng	99

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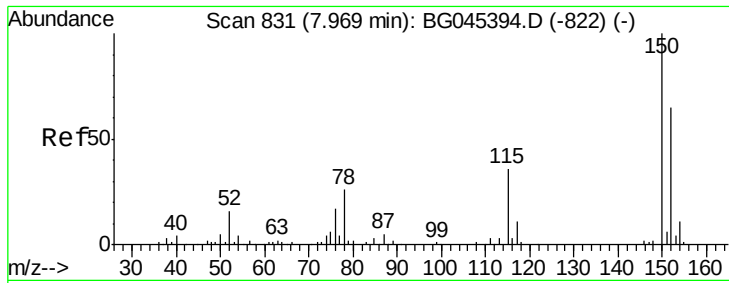
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 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	258869	110.297	nq	99
43) 2,4,6-Trichlorophenol	13.03	196	144968	51.321	nq	99
44) 2,4,5-Trichlorophenol	13.11	196	154733	47.936	nq	98
46) 1,1'-Biphenyl	13.42	154	474977	53.098	nq	98
47) 2-Chloronaphthalene	13.46	162	368221	50.691	nq	97
48) 2-Nitroaniline	13.67	65	125209	52.401	nq	99
49) Acenaphthylene	14.31	152	607988	52.108	nq	99
50) Dimethylphthalate	14.05	163	514856	51.554	nq	99
51) 2,6-Dinitrotoluene	14.17	165	114190	50.672	nq	95
52) Acenaphthene	14.65	154	365811	46.838	nq	98
53) 3-Nitroaniline	14.50	138	68440	29.876	nq	95
54) 2,4-Dinitrophenol	14.71	184	130352	87.735	nq	94
55) Dibenzofuran	14.99	168	599719	51.708	nq	96
56) 4-Nitrophenol	14.84	139	149102	85.969	nq	87
57) 2,4-Dinitrotoluene	14.96	165	165856	50.818	nq	99
58) Fluorene	15.64	166	510025	53.526	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.22	232	150035	52.832	nq	97
60) Diethylphthalate	15.41	149	535000	51.469	nq	99
61) 4-Chlorophenyl-phenylether	15.63	204	282783	51.862	nq	99
62) 4-Nitroaniline	15.66	138	111844	46.767	nq	95
63) Azobenzene	15.92	77	523721	54.034	nq	99
65) 4,6-Dinitro-2-methylphenol	15.73	198	104120	50.227	nq	94
66) n-Nitrosodiphenylamine	15.85	169	456958	53.469	nq	96
67) 4-Bromophenyl-phenylether	16.53	248	193607	50.232	nq	97
68) Hexachlorobenzene	16.65	284	211322	52.421	nq	97
69) Atrazine	16.80	200	171719	48.783	nq	98
70) Pentachlorophenol	17.00	266	189812	90.681	nq	97
71) Phenanthrene	17.38	178	809944	52.124	nq	99
72) Anthracene	17.47	178	834400	53.471	nq	98
73) Carbazole	17.74	167	759255	49.916	nq	99
74) Di-n-butylphthalate	18.30	149	907921	49.731	nq	99
75) Fluoranthene	19.40	202	1015331	51.372	nq	99
77) Benzidine	19.57	184	444259	48.606	nq	99
78) Pyrene	19.75	202	986820	53.194	nq	99
80) Butylbenzylphthalate	20.64	149	398386	49.753	nq	97
81) Benzo(a)anthracene	21.58	228	951416	52.480	nq	100
82) 3,3'-Dichlorobenzidine	21.50	252	245004	34.453	nq	99
83) Chrysene	21.65	228	930318	53.369	nq	99
84) Bis(2-ethylhexyl)phthalate	21.49	149	569640	51.752	nq	99
85) Di-n-octyl phthalate	22.67	149	968797	51.246	nq	100
86) Indeno(1,2,3-cd)pyrene	28.31	276	1225440	53.759	nq	# 97
88) Benzo(b)fluoranthene	23.75	252	1068097	53.582	nq	100
89) Benzo(k)fluoranthene	23.82	252	991706	52.954	nq	99
90) Benzo(a)pyrene	24.59	252	959797	51.699	nq	97
91) Dibenzo(a,h)anthracene	28.37	278	981876	52.630	nq	99
92) Benzo(g,h,i)perylene	29.42	276	986375	52.865	nq	96

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



#1

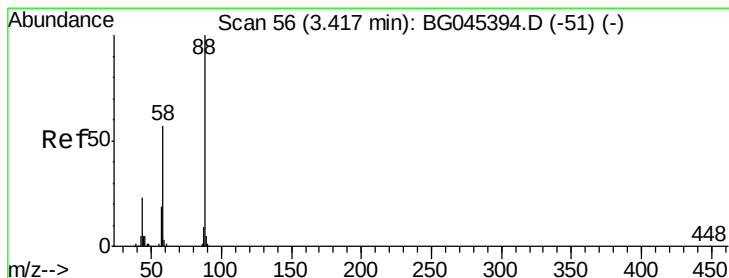
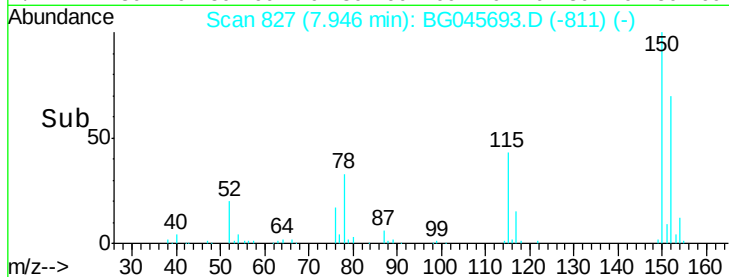
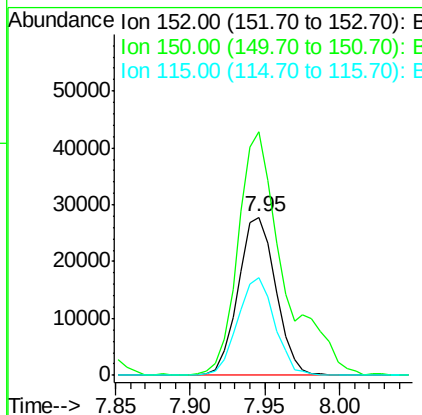
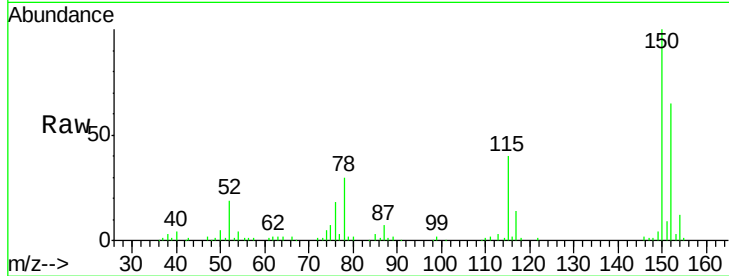
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Instrument :
BNA_G
ClientSampleId :
PB129457BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	122.4	183.6
115	61.6	44.2	66.4

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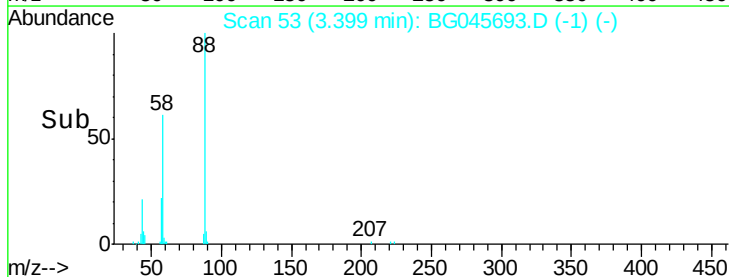
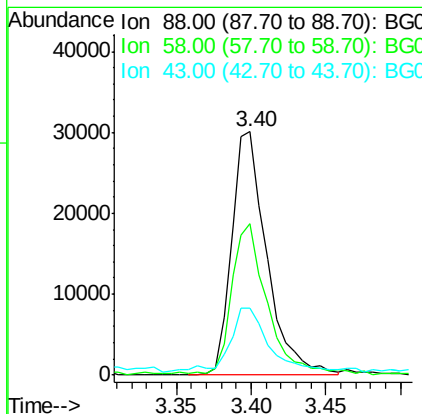
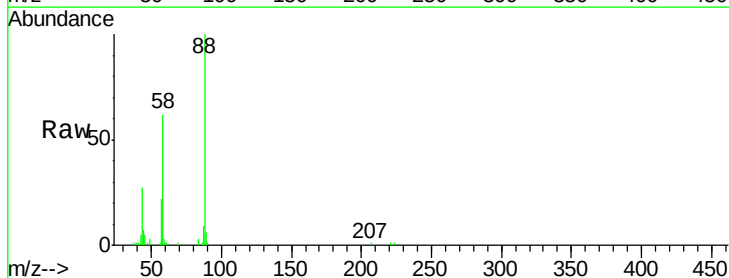
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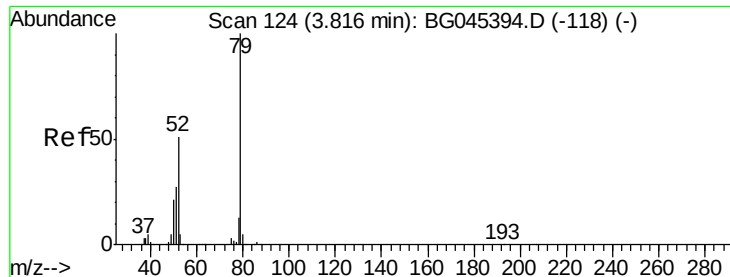


#2

1,4-Dioxane
Concen: 40.318 ng
RT: 3.40 min Scan# 53
Delta R.T. 0.00 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.9	45.7	68.5
43	27.8	16.8	25.2





#3

Pvridine

Concen: 41.496 ng

RT: 3.79 min Scan# 120

Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Instrument :

BNA_G

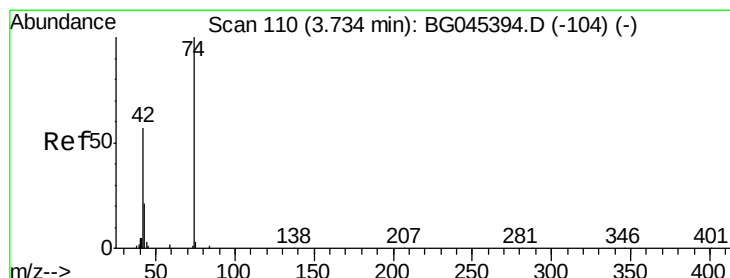
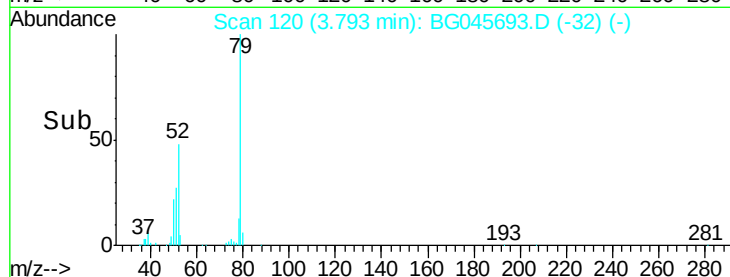
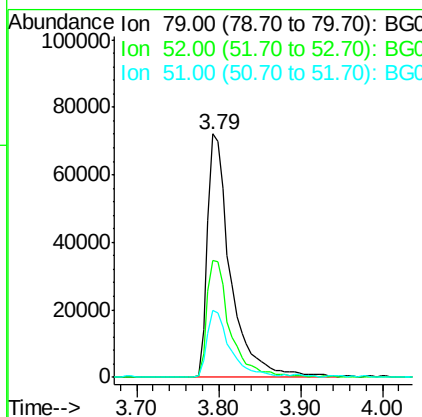
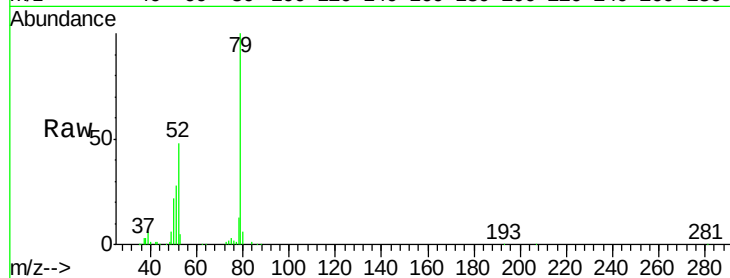
ClientSampleId :

PB129457BSD

Tot Ion:	79	Resp:	142133
Ion	Ratio	Lower	Upper
79	100		
52	48.0	40.8	61.2
51	27.6	21.9	32.9

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#4

n-Nitrosodimethylamine

Concen: 56.164 ng

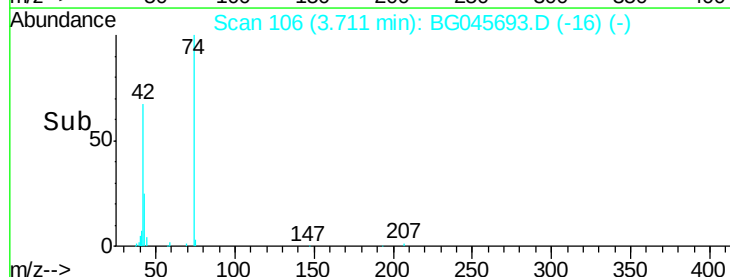
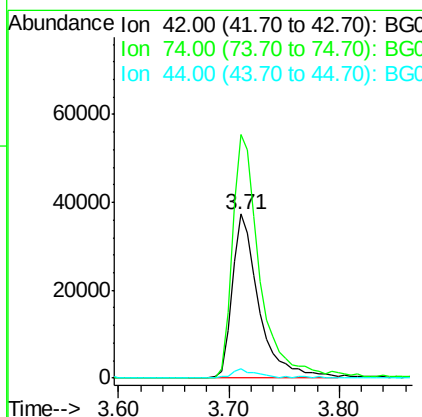
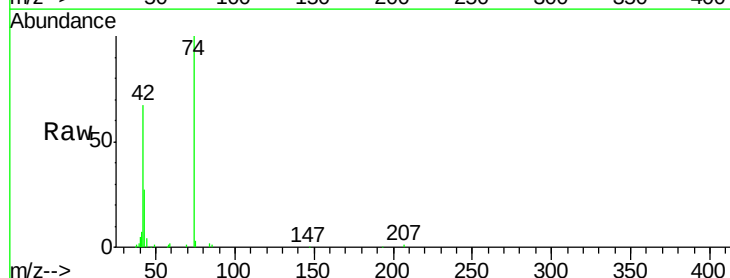
RT: 3.71 min Scan# 106

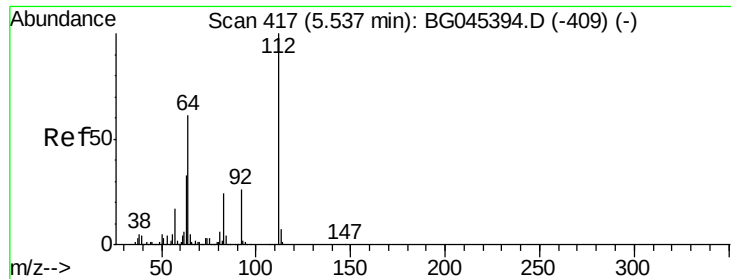
Delta R.T. 0.00 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Tgt Ion:	42	Resp:	62950
Ion	Ratio	Lower	Upper
42	100		
74	148.8	141.3	211.9
44	5.5	4.2	6.4





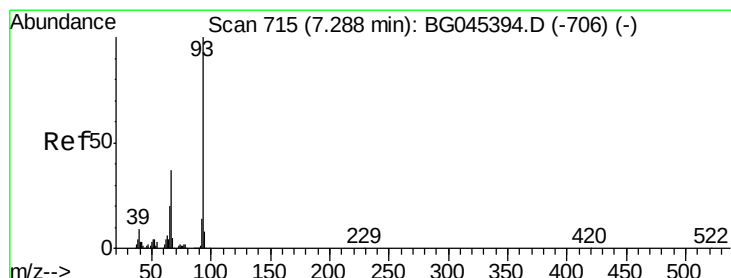
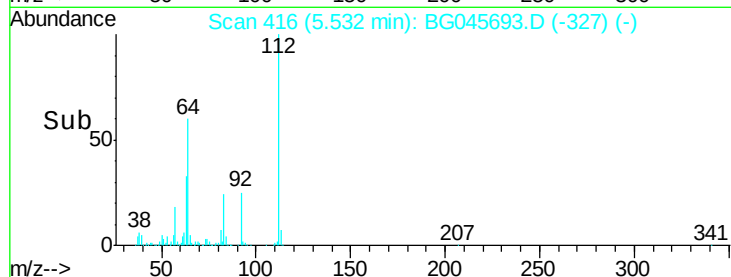
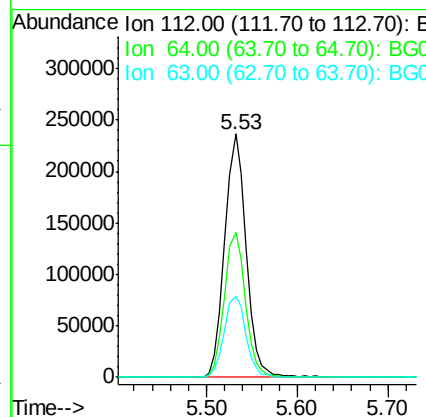
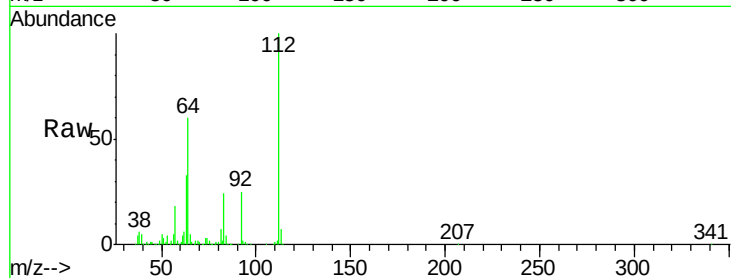
#5
2-Fluorophenol
Concen: 156.430 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Instrument :
BNA_G
ClientSampleId :
PB129457BSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	387959		
64	59.7		48.6	72.8
63	33.4		26.5	39.7

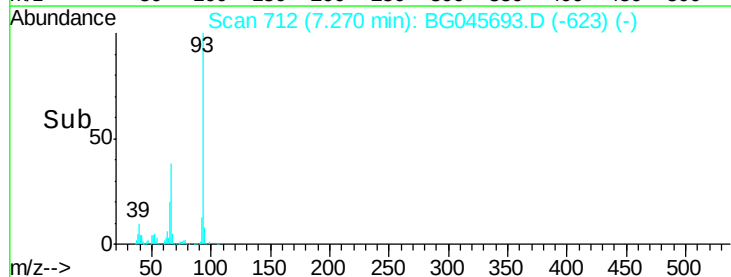
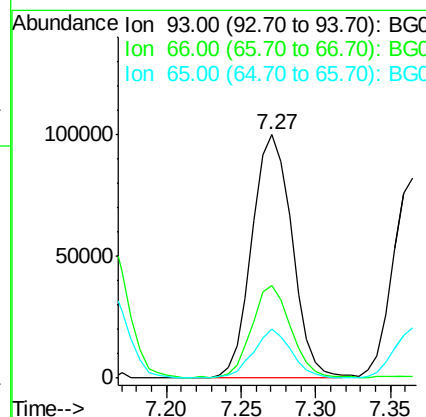
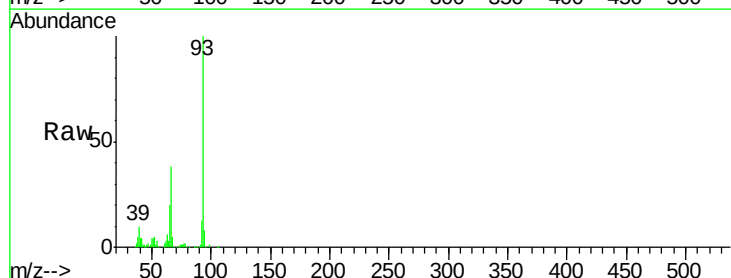
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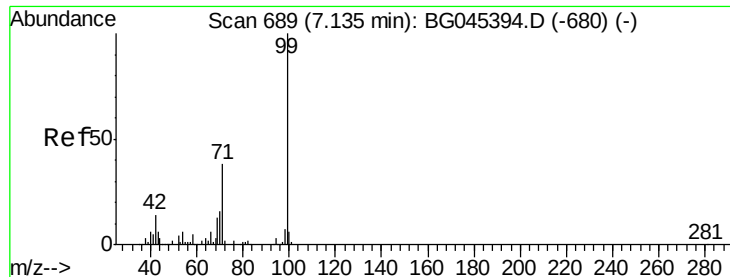
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#6
Aniline
Concen: 40.296 ng
RT: 7.27 min Scan# 712
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	185683		
66	38.1		29.6	44.4
65	20.2		15.9	23.9





#7

Phenol-d6

Concen: 157.719 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Instrument :

BNA_G

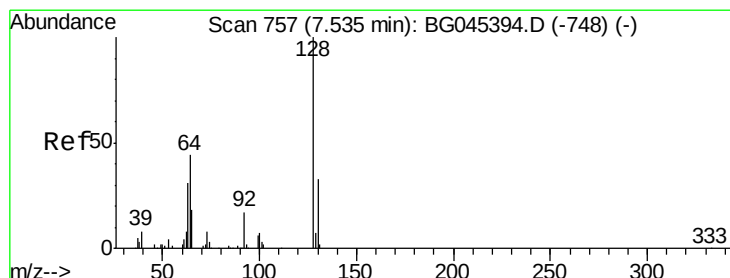
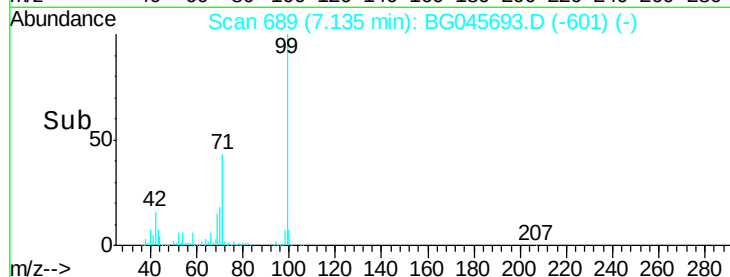
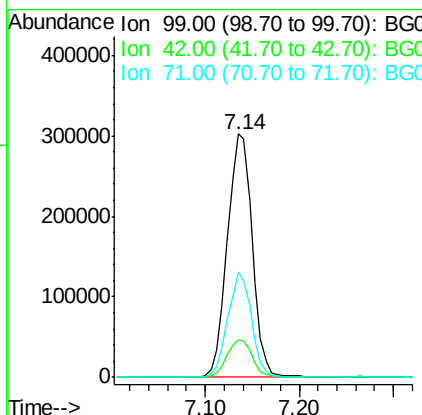
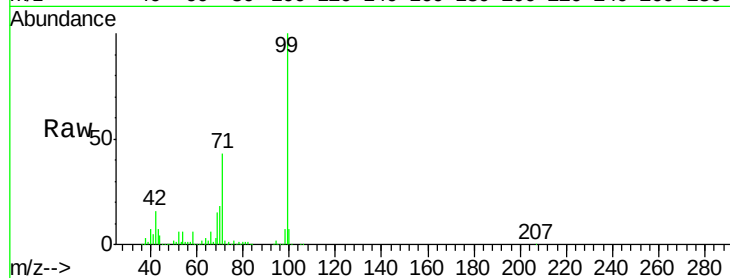
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		556730		
42	15.6	11.3	16.9		
71	43.0	30.8	46.2		

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#8

2-Chlorophenol

Concen: 54.641 ng

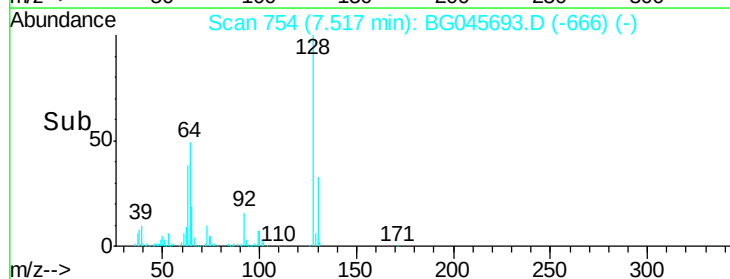
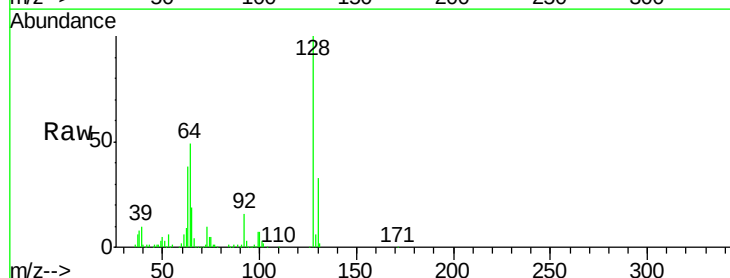
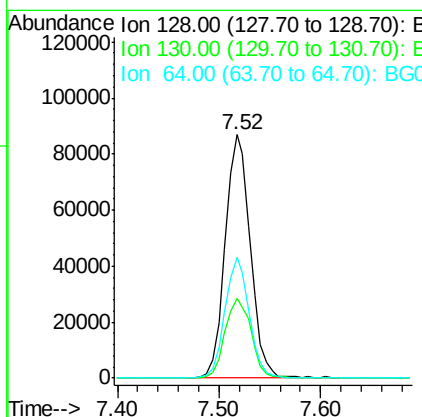
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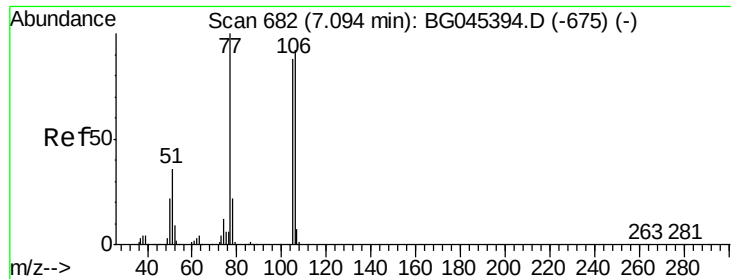
Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		148607		
130	32.8	12.6	52.6		
64	49.4	27.0	67.0		





#9

Benzaldehyde

Concen: 48.481 ng

RT: 7.08 min Scan# 679

Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Instrument :

BNA_G

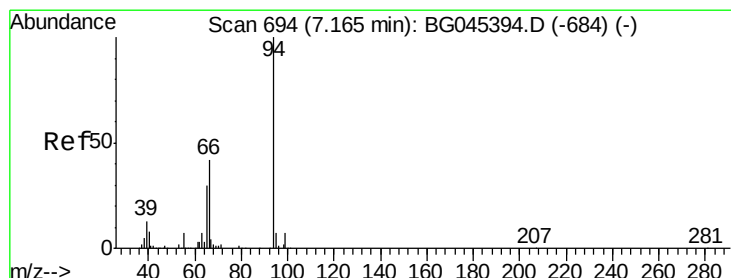
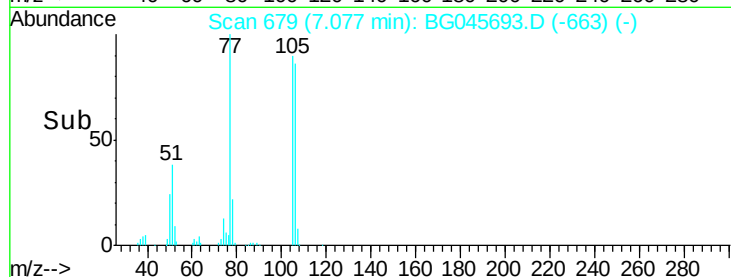
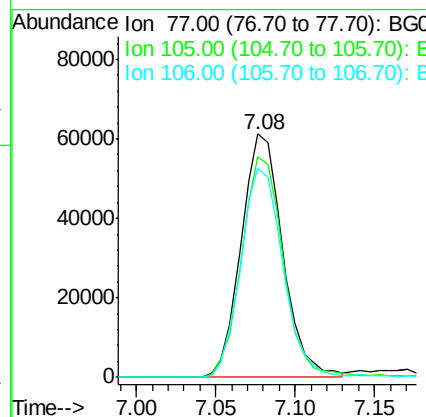
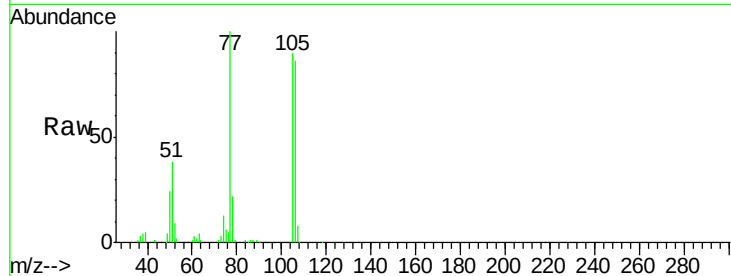
ClientSampleId :

PB129457BSD

Tot Ion:	77	Resp:	111497
Ion Ratio	Lower	Upper	
77	100		
105	90.5	68.5	108.5
106	85.9	71.6	111.6

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#10

Phenol

Concen: 56.189 ng

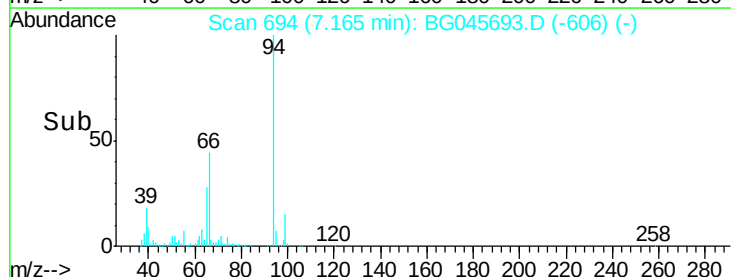
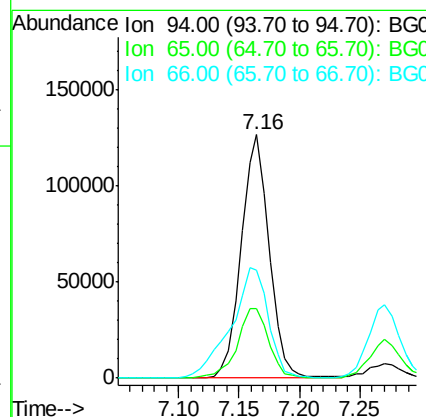
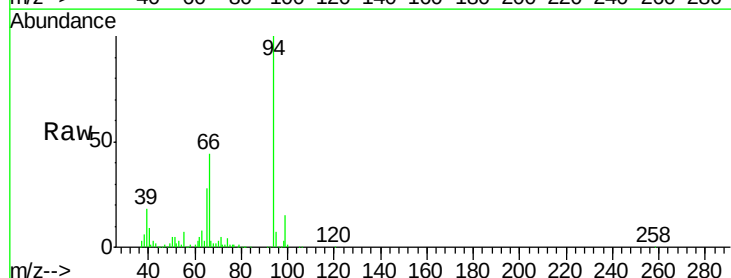
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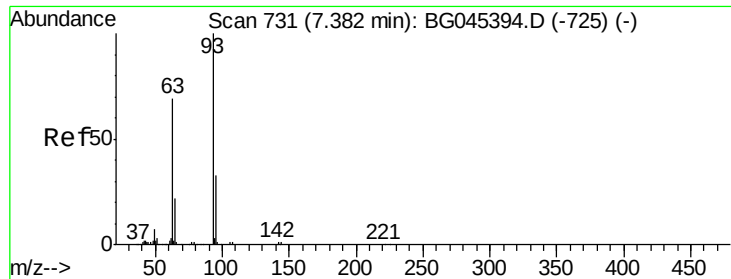
Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Tgt Ion:	94	Resp:	204418
Ion Ratio	Lower	Upper	
94	100		
65	28.5	9.8	49.8
66	44.4	22.0	62.0





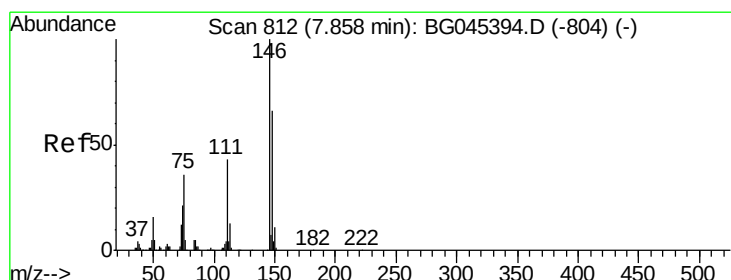
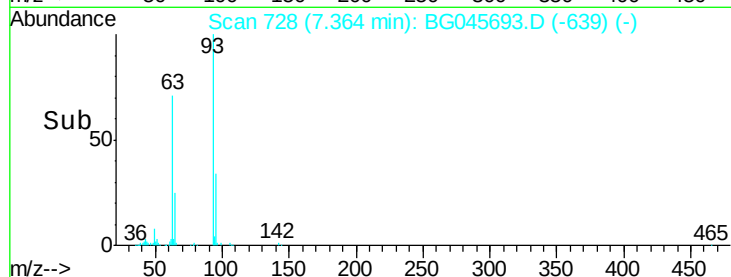
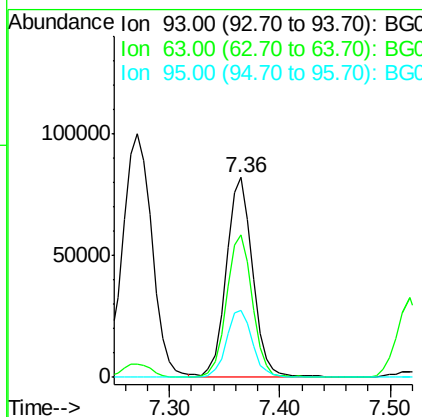
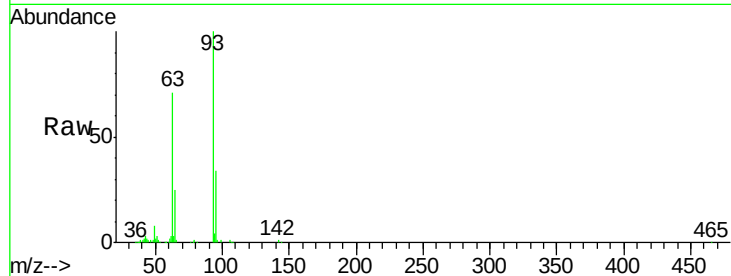
#11
bis(2-Chloroethyl)ether
Concen: 48.363 ng
RT: 7.36 min Scan# 728
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Instrument :
BNA_G
ClientSampleId :
PB129457BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	137239		
63	71.3		48.4	88.4
95	33.8		12.4	52.4

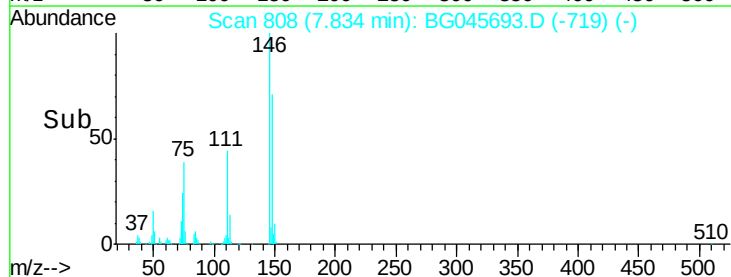
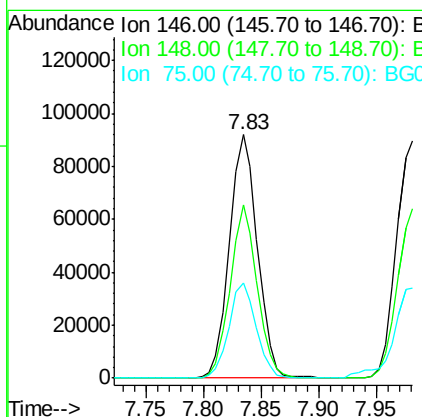
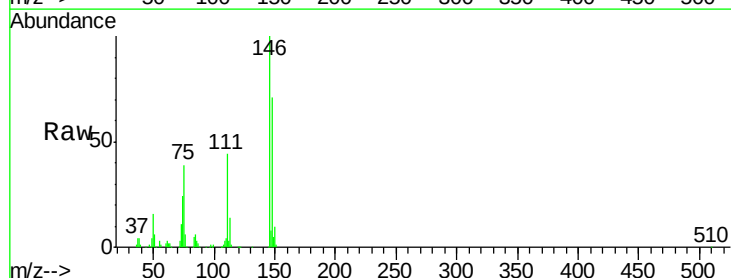
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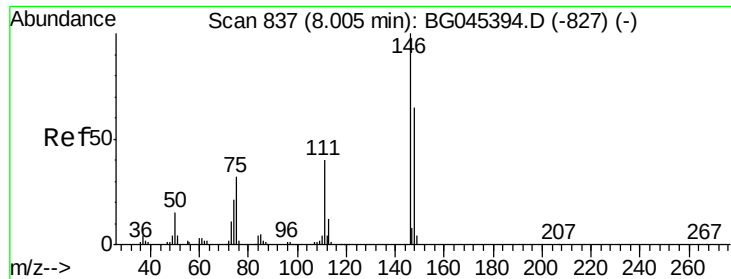
mohammad
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#12
1,3-Dichlorobenzene
Concen: 47.249 ng
RT: 7.83 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	154424		
148	71.3		53.2	79.8
75	39.3		28.6	43.0





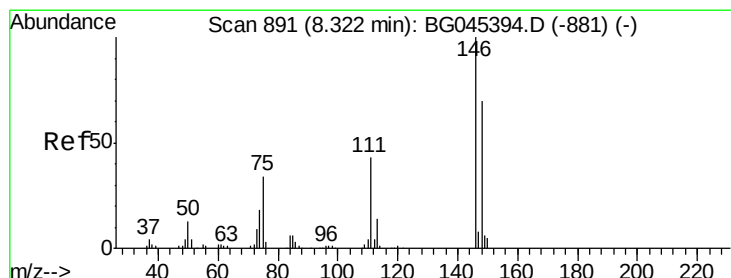
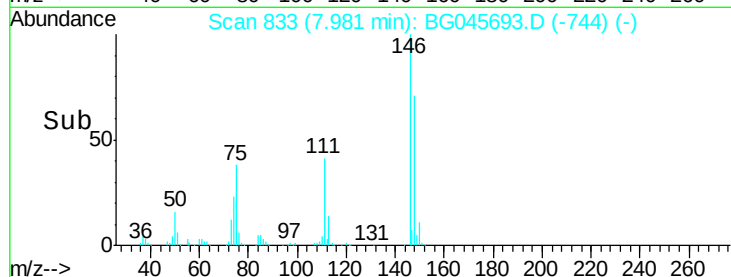
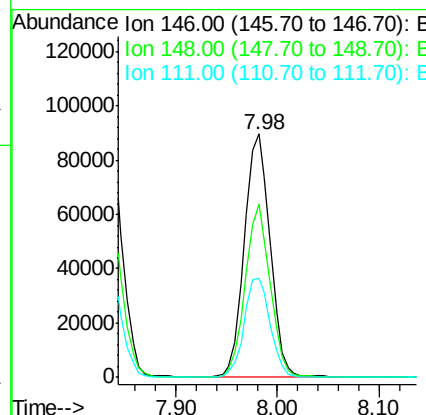
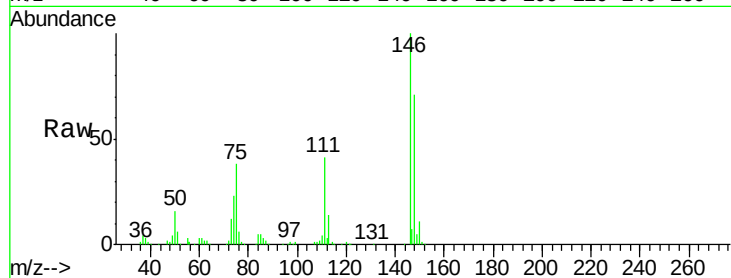
#13
 1,4-Dichlorobenzene
 Concen: 49.113 ng
 RT: 7.98 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BG045693.D
 Acq: 10 Jun 2020 15:53

Instrument :
 BNA_G
 ClientSampleId :
 PB129457BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	71.3	51.8	77.8
111	40.7	32.1	48.1

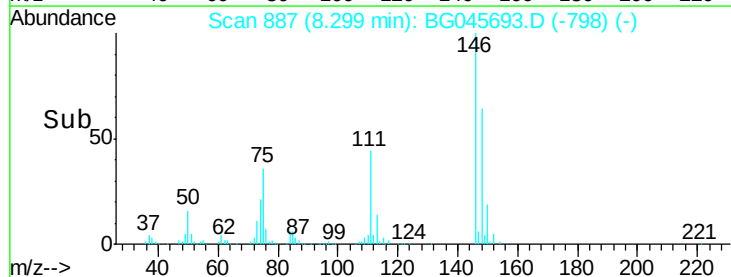
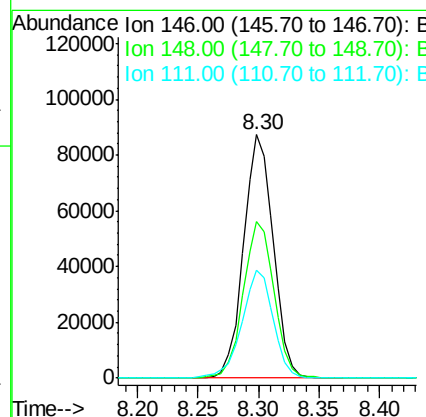
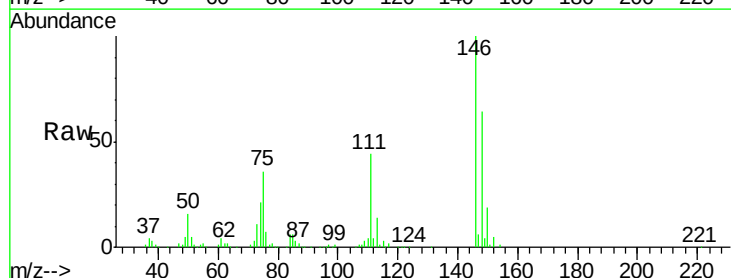
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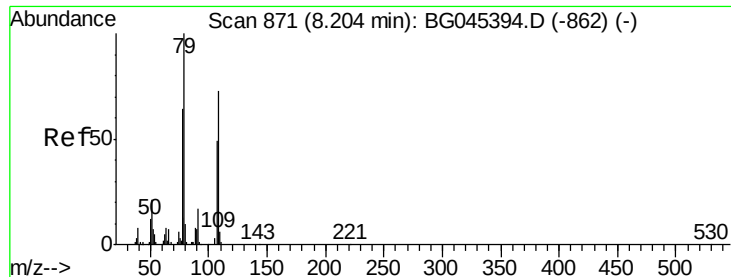
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 48.205 ng
 RT: 8.30 min Scan# 887
 Delta R.T. -0.01 min
 Lab File: BG045693.D
 Acq: 10 Jun 2020 15:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	55.9	83.9
111	44.5	35.0	52.4





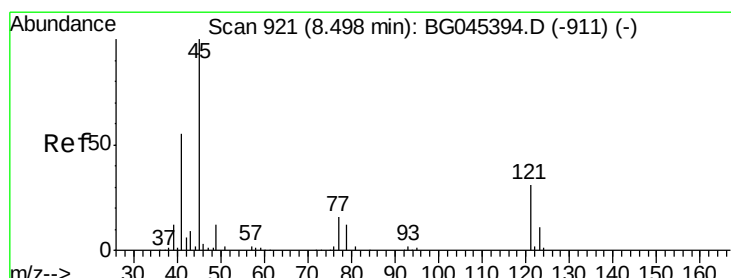
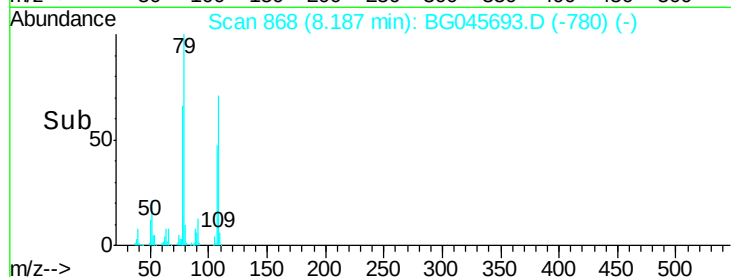
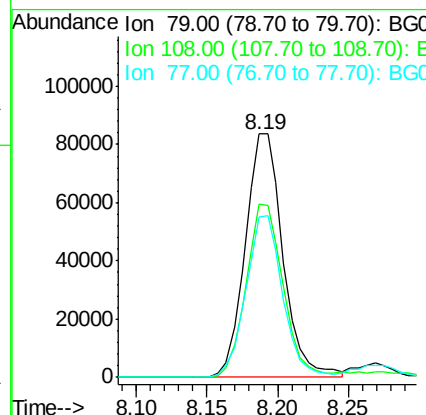
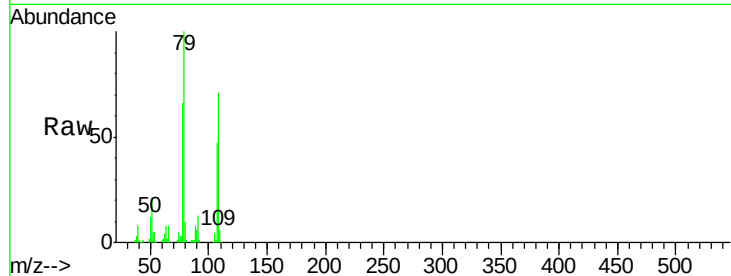
#15
Benzyl Alcohol
Concen: 53.758 ng
RT: 8.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Instrument :
BNA_G
ClientSampleId :
PB129457BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	71.3	58.2	87.4
77	65.8	51.0	76.4

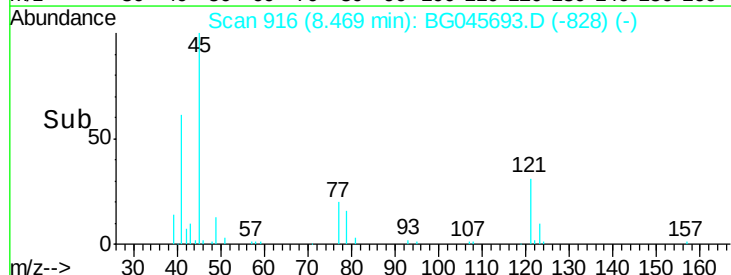
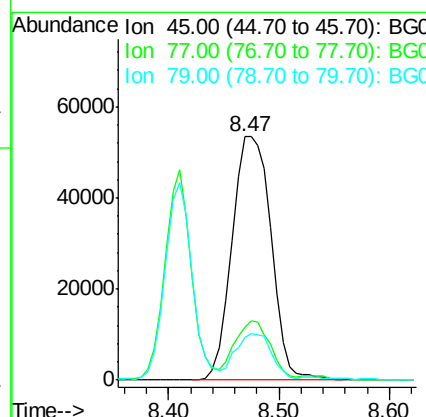
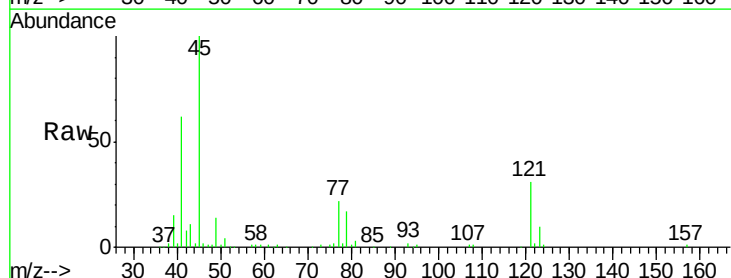
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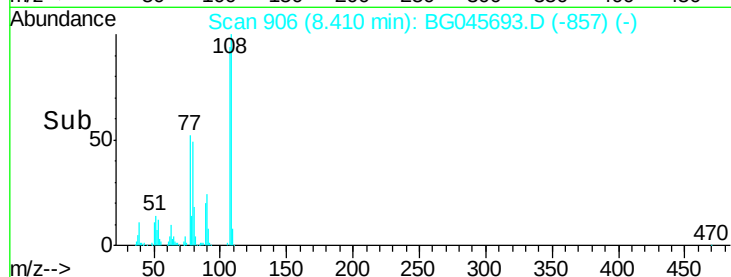
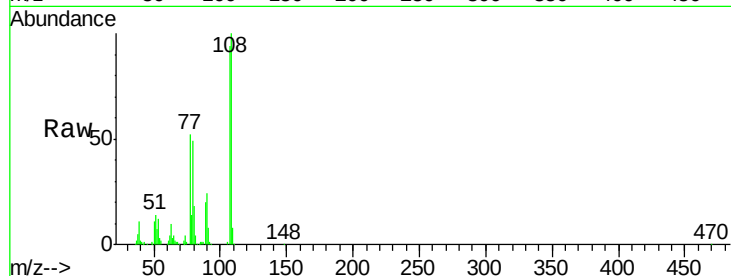
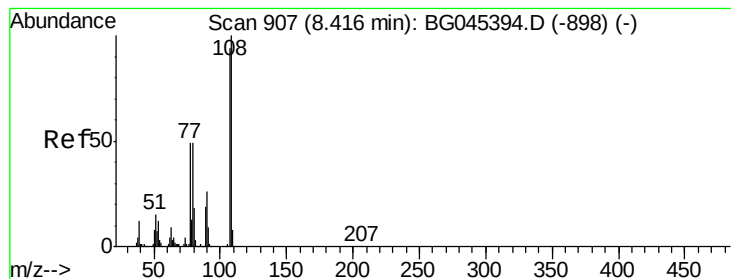
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.308 ng
RT: 8.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Tgt Ion	Ratio	Lower	Upper
45	100		
77	21.7	4.0	44.0
79	17.3	0.0	38.6





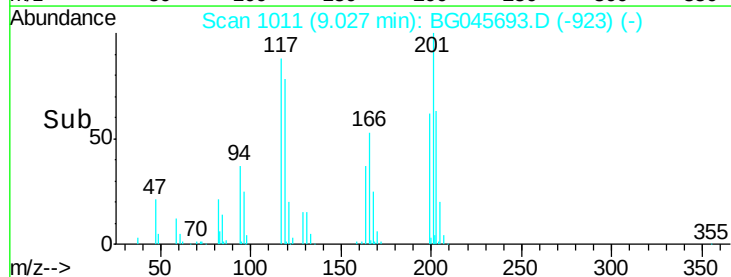
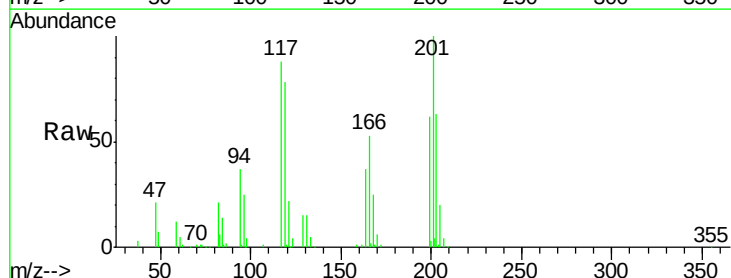
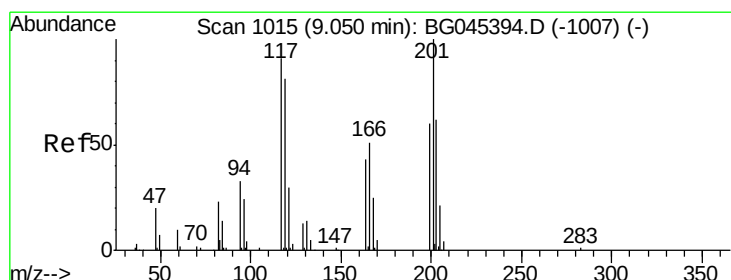
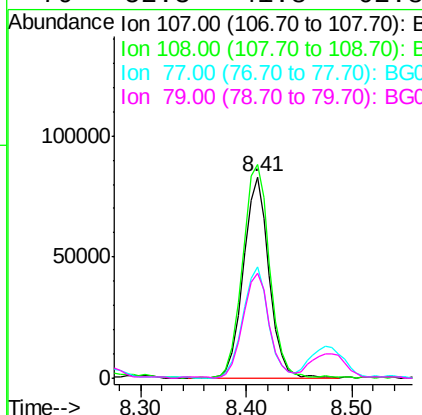
#17
2-Methylphenol
Concen: 50.877 ng
RT: 8.41 min Scan# 906
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Tot Ion	107	Resp	138539
Ion Ratio	Lower	Upper	
107	100		
108	106.2	85.2	127.8
77	55.7	41.6	62.4
79	52.3	41.8	62.8

Instrument :
BNA_G
ClientSampleId :
PB129457BSD

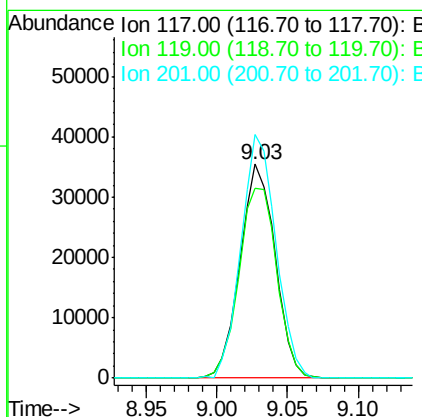
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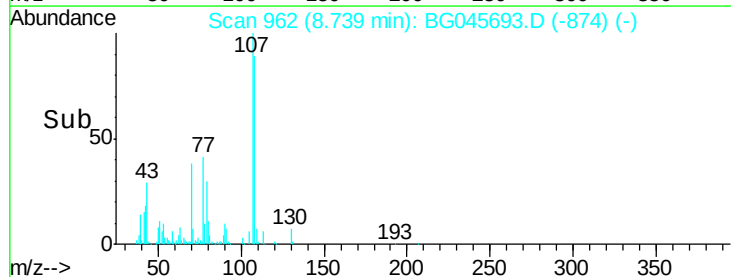
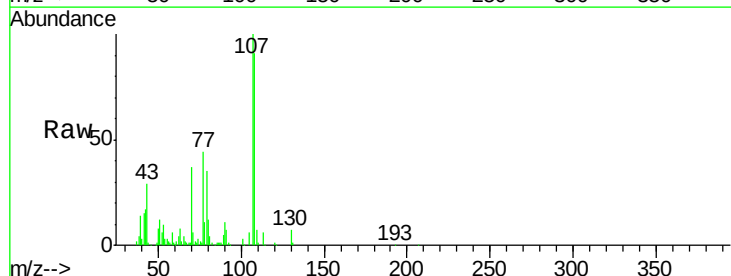
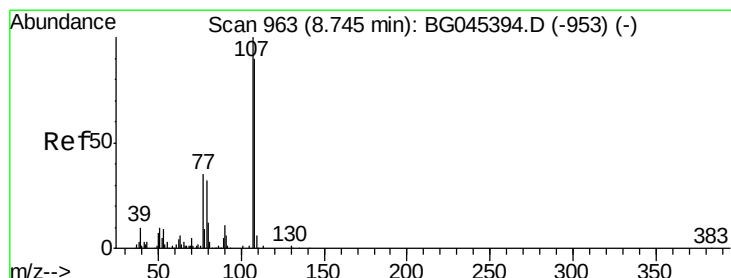
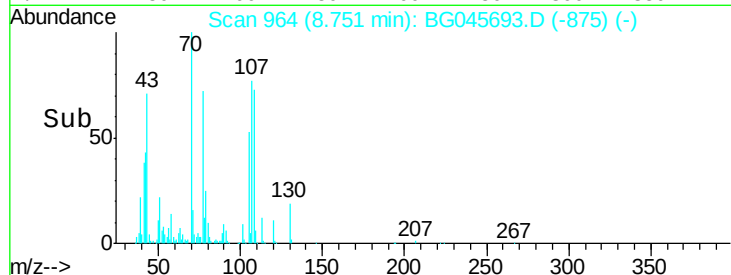
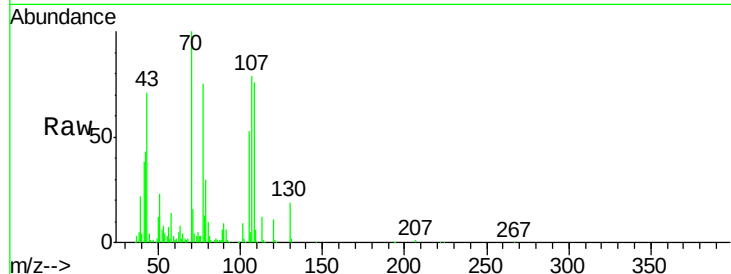
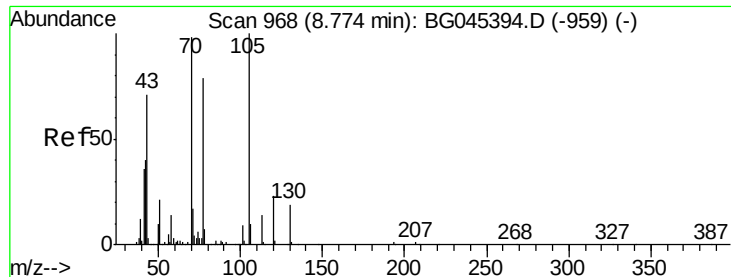
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#18
Hexachloroethane
Concen: 50.078 ng
RT: 9.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

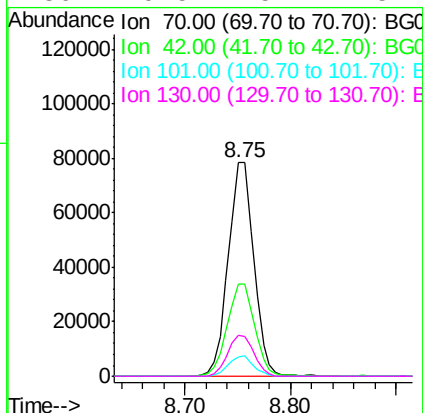
Tgt Ion	117	Resp	61862
Ion Ratio	Lower	Upper	
117	100		
119	89.1	71.3	106.9
201	114.0	87.5	131.3





#19
n-Nitroso-di-n-propylamine
Concen: 53.726 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	43.3	33.2	49.8		
101	9.0	7.8	11.6		
130	19.5	15.4	23.2		



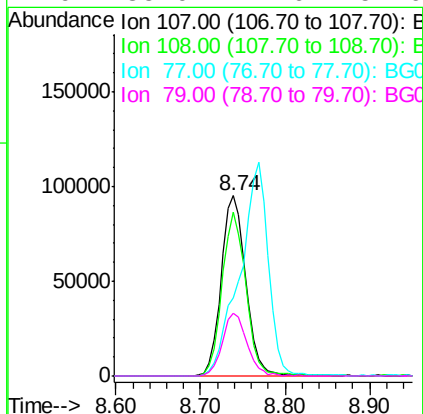
Instrument :
BNA_G
ClientSampleId :
PB129457BSD

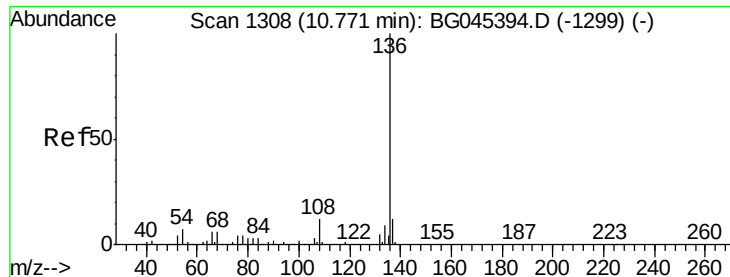
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#20
3+4-Methylphenols
Concen: 51.874 ng
RT: 8.74 min Scan# 962
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	91.1	70.3	110.3		
77	43.5	15.4	55.4		
79	35.0	12.6	52.6		





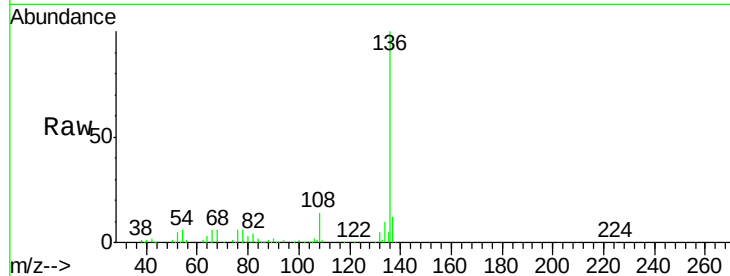
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Instrument :
BNA_G
ClientSampleId :
PB129457BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	197995		
137	12.0		9.4	14.2
54	5.7		5.8	8.6#
68	5.7		4.5	6.7

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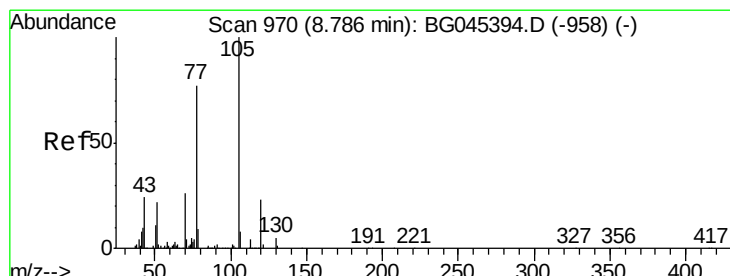
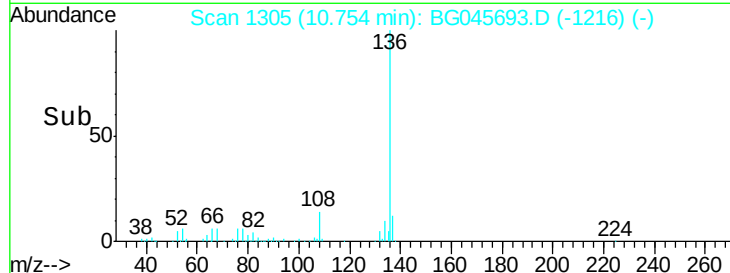
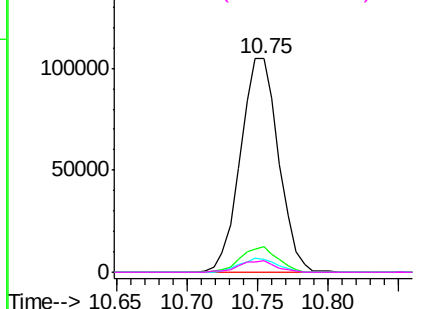
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 48.355 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	226917		
71	3.5		3.4	5.0
51	25.5		18.2	27.2
120	22.4		18.6	27.8

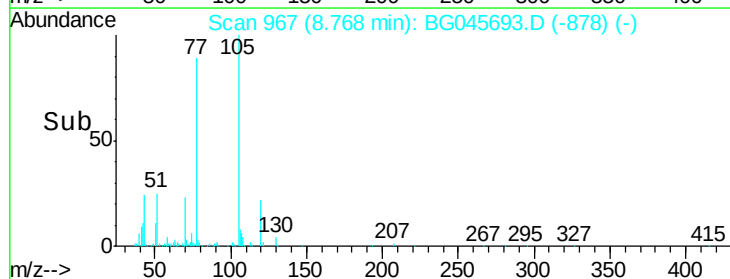
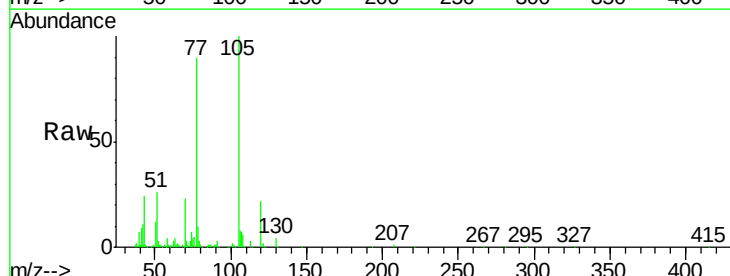
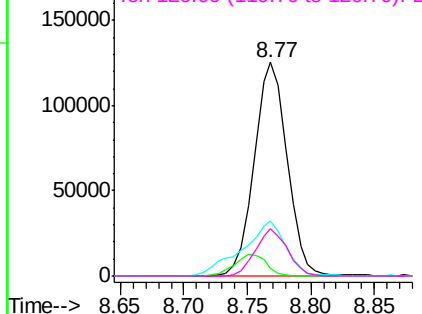
Abundance

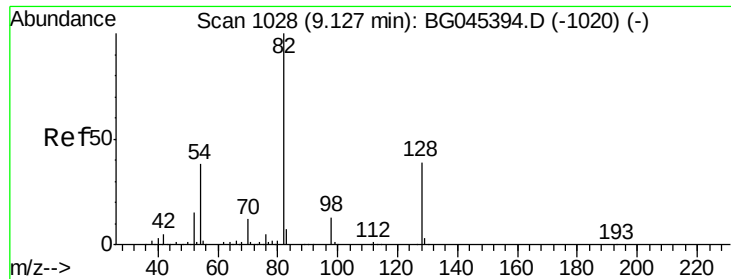
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





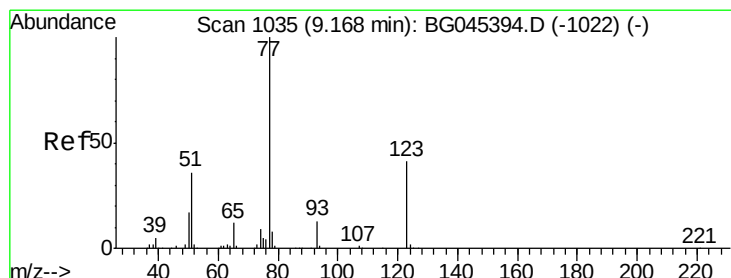
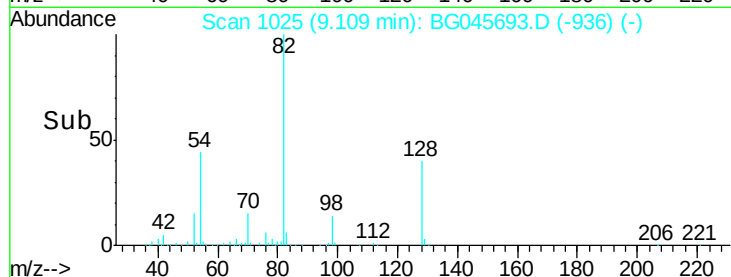
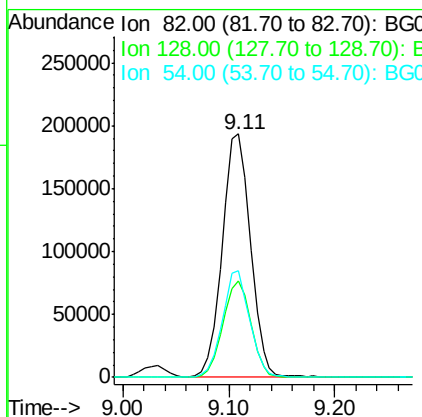
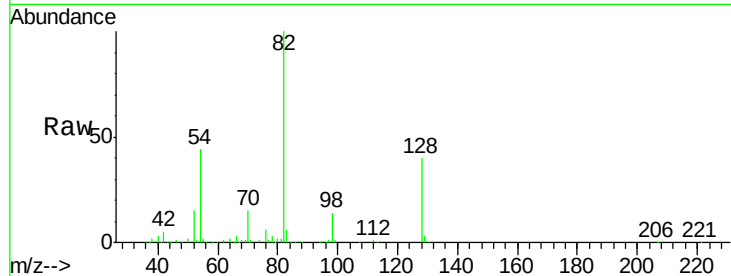
#23
 Nitrobenzene-d5
 Concen: 98.504 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG045693.D
 Acq: 10 Jun 2020 15:53

Instrument :
 BNA_G
 ClientSampleId :
 PB129457BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	39.6	30.9	46.3	
54	43.8	30.3	45.5	

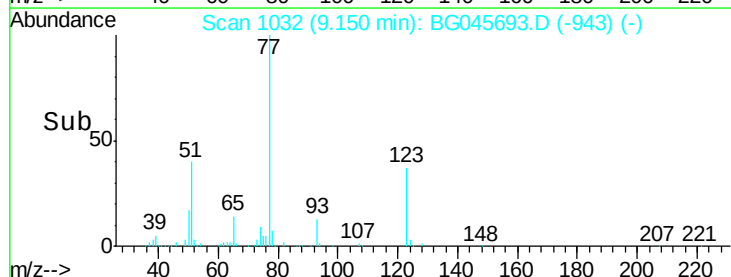
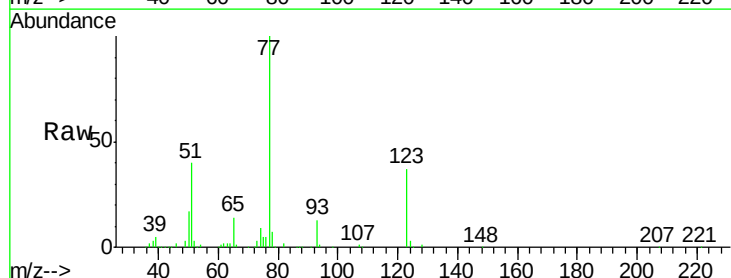
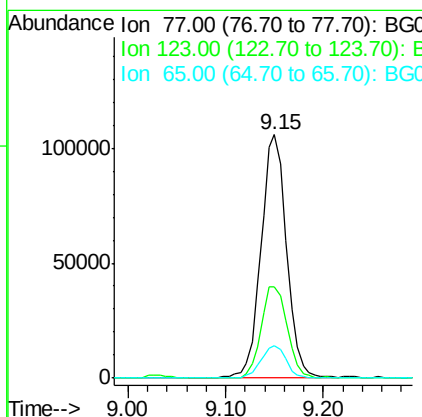
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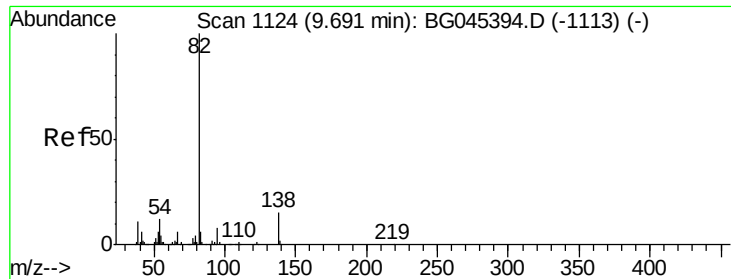
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#24
 Nitrobenzene
 Concen: 50.194 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BG045693.D
 Acq: 10 Jun 2020 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	37.2	32.9	49.3	
65	13.6	9.4	14.2	





#25

Isophorone

Concen: 51.017 ng

RT: 9.67 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Instrument :

BNA_G

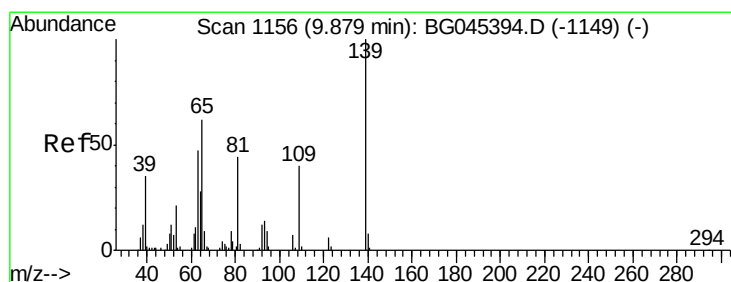
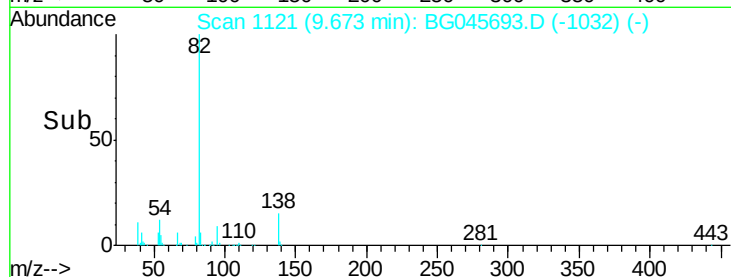
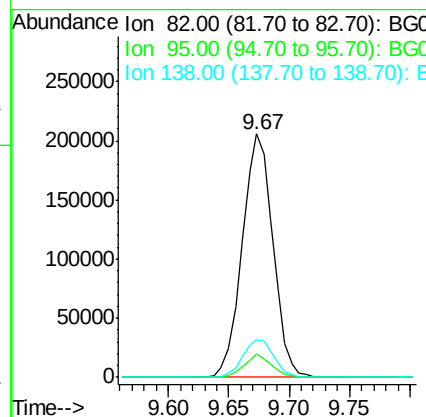
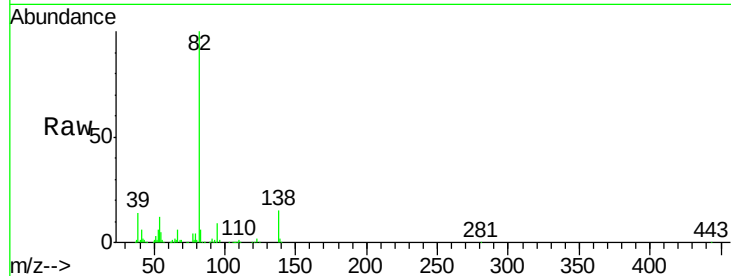
ClientSampleId :

PB129457BSD

Tot Ion	82	Resp	364793
Ion Ratio	Lower	Upper	
82	100		
95	9.4	6.7	10.1
138	15.4	12.2	18.4

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#26

2-Nitrophenol

Concen: 52.853 ng

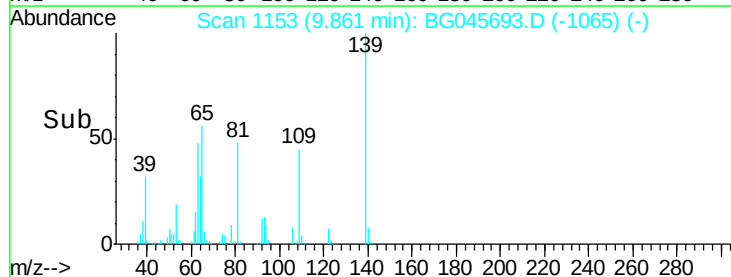
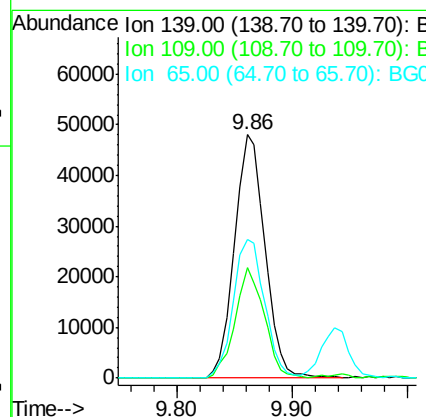
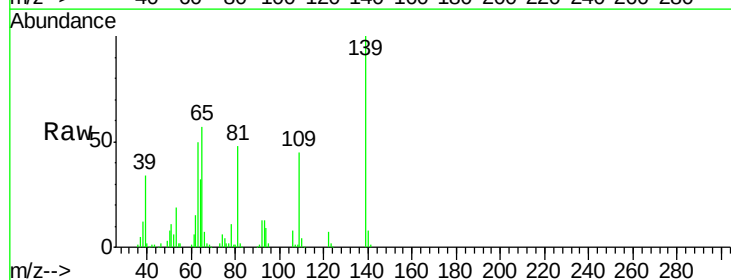
RT: 9.86 min Scan# 1153

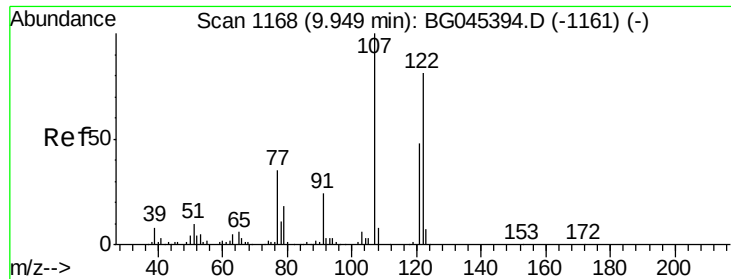
Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Tgt Ion	139	Resp	87953
Ion Ratio	Lower	Upper	
139	100		
109	45.2	32.2	48.4
65	57.1	49.6	74.4





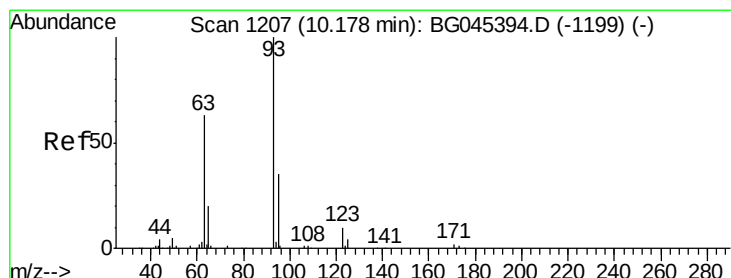
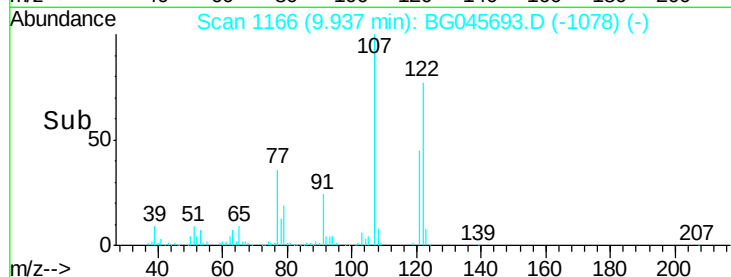
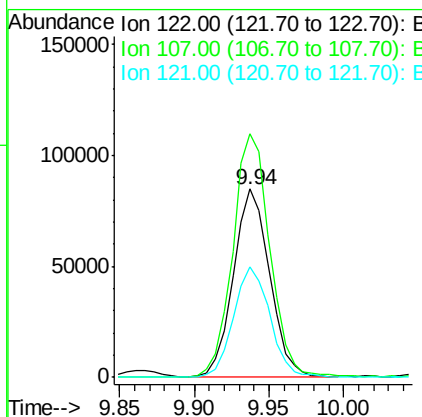
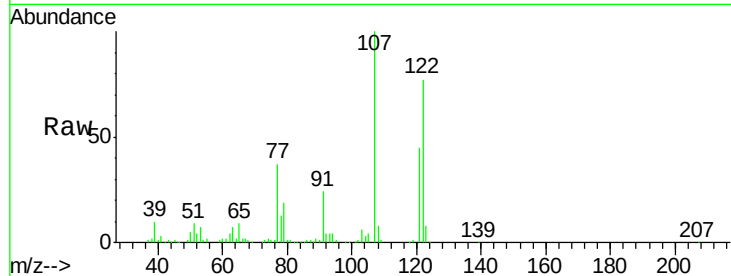
#27
 2,4-Dimethylphenol
 Concen: 57.904 ng
 RT: 9.94 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BG045693.D
 Acq: 10 Jun 2020 15:53

Instrument :
 BNA_G
 ClientSampleId :
 PB129457BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	142914		
107	129.4	99.0	148.4	
121	58.9	47.7	71.5	

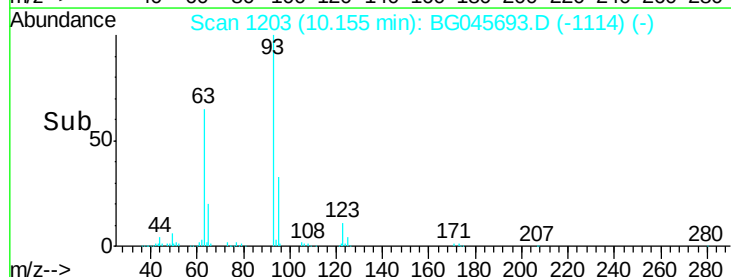
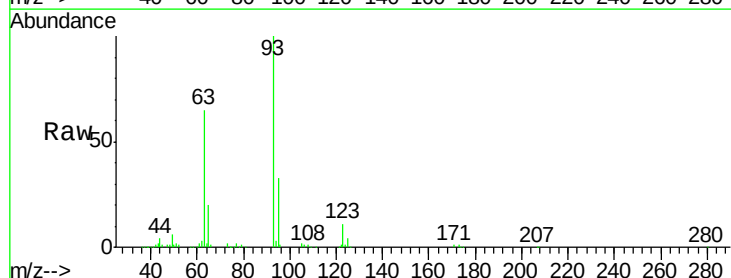
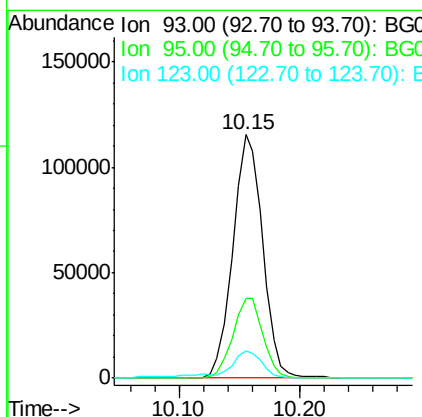
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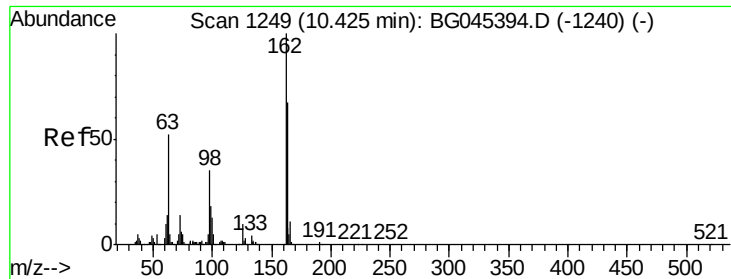
mohammad
 6/11/2020 1:47:55 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 52.885 ng
 RT: 10.15 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BG045693.D
 Acq: 10 Jun 2020 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	198319		
95	32.7	27.6	41.4	
123	11.3	8.1	12.1	





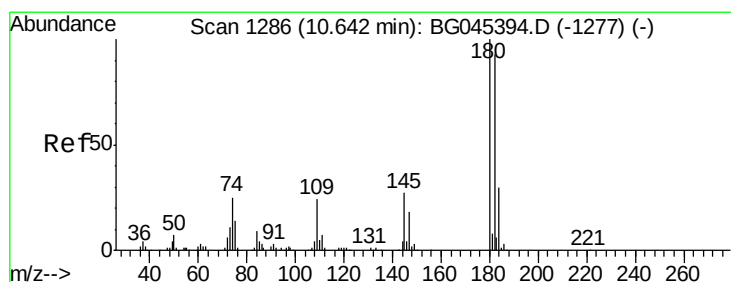
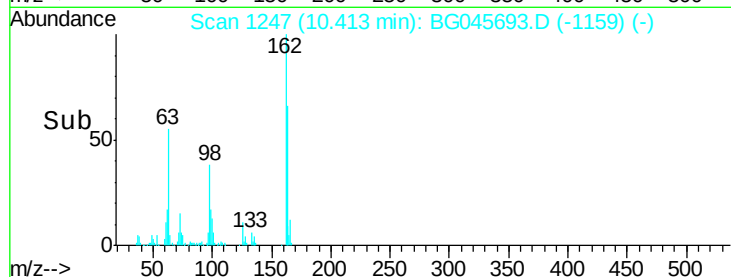
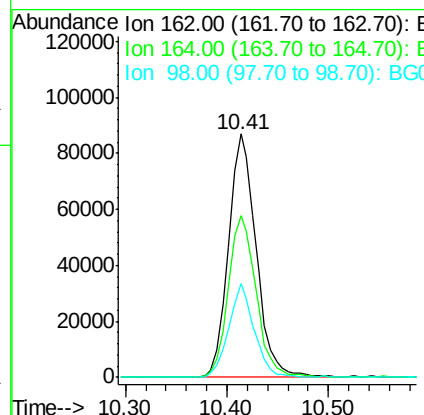
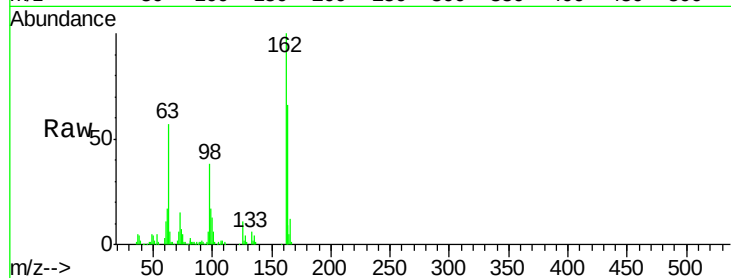
#29
 2,4-Dichlorophenol
 Concen: 56.391 ng
 RT: 10.41 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BG045693.D
 Acq: 10 Jun 2020 15:53

Instrument :
 BNA_G
 ClientSampleId :
 PB129457BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		164354		
164	66.4	46.8	86.8		
98	38.4	15.2	55.2		

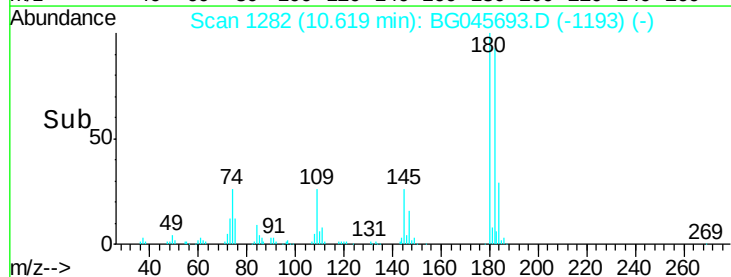
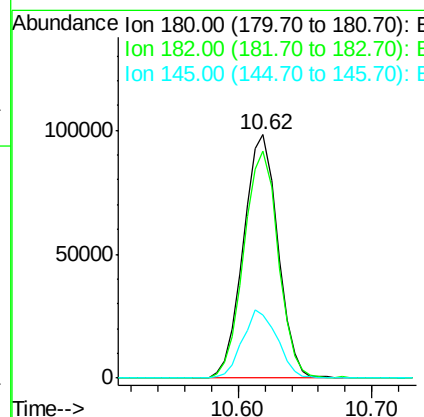
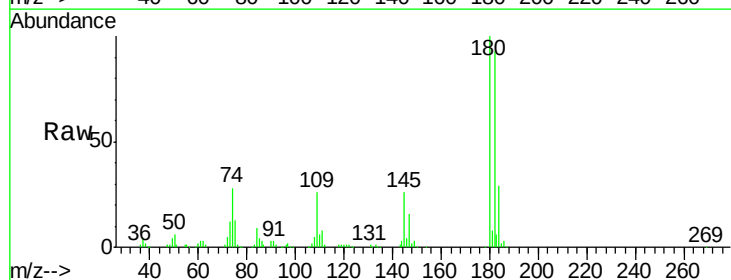
Manual Integrations
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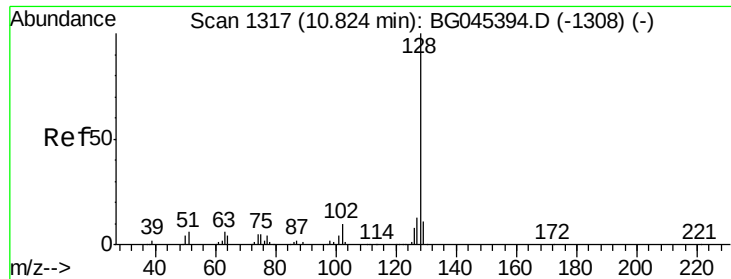
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 50.782 ng
 RT: 10.62 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BG045693.D
 Acq: 10 Jun 2020 15:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		174891		
182	93.2	74.8	112.2		
145	25.9	21.9	32.9		





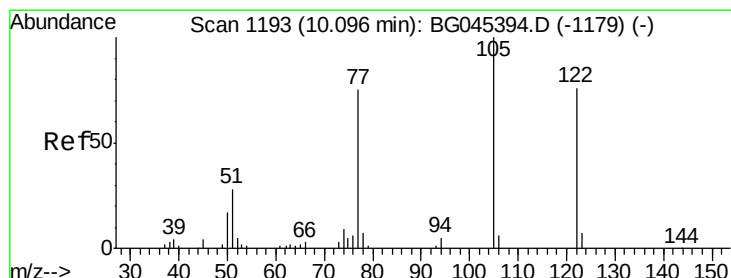
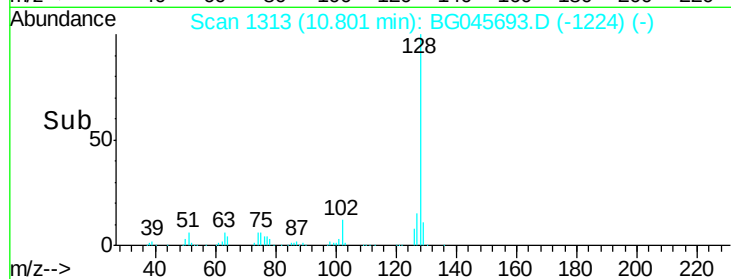
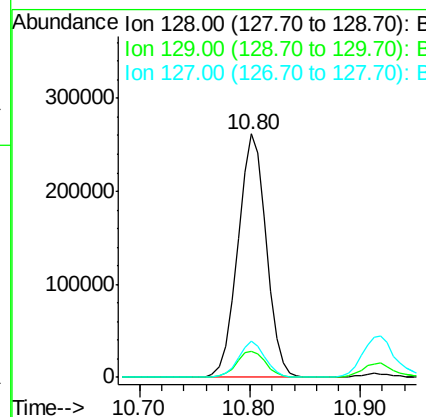
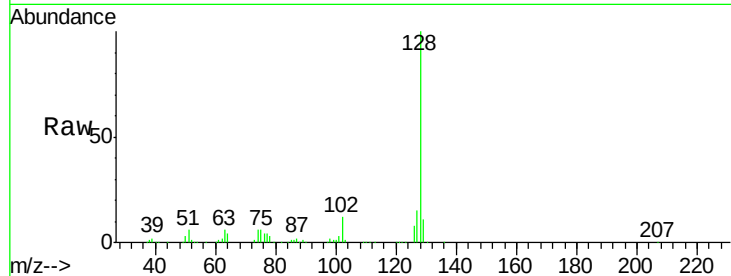
#31
Naphthalene
Concen: 51.206 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Instrument :
BNA_G
ClientSampleId :
PB129457BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.6
127	14.8	10.7	16.1

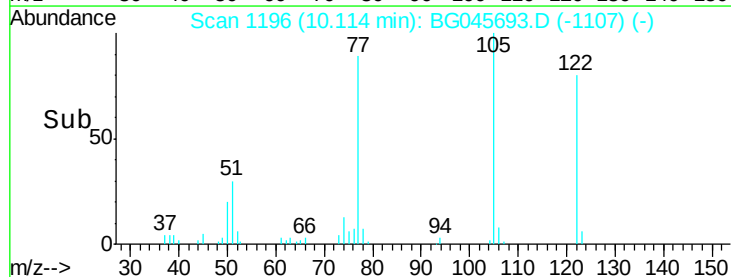
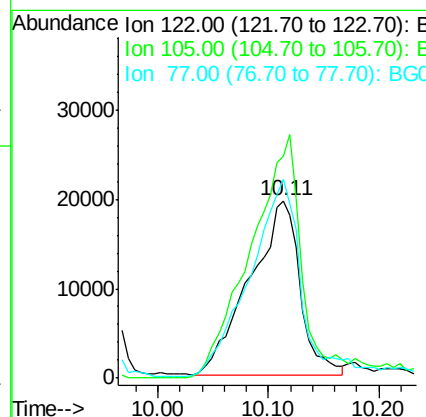
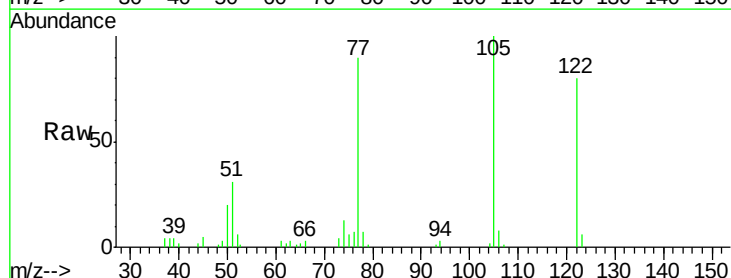
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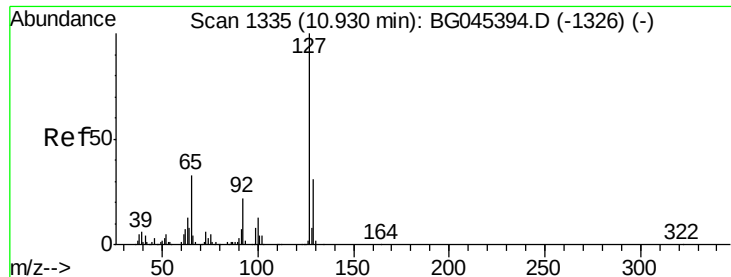
mohammad
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#32
Benzoic acid
Concen: 39.561 ng
RT: 10.11 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.7	107.9	147.9
77	111.9	78.9	118.9





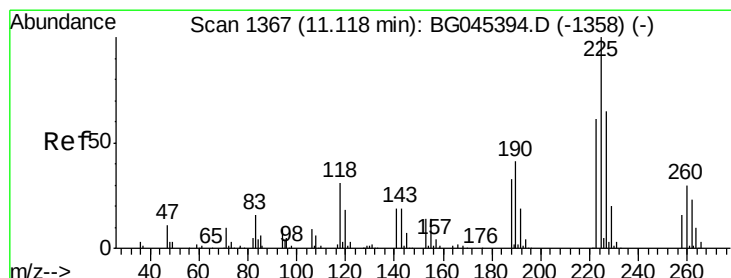
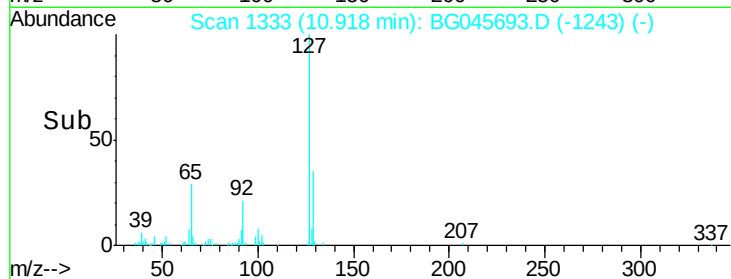
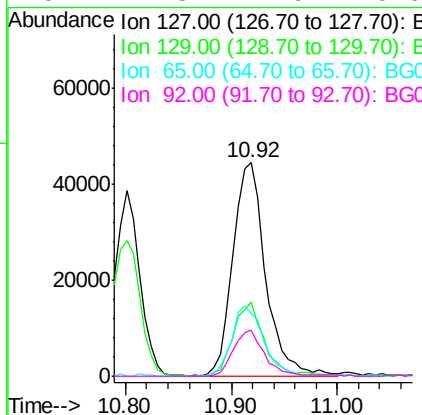
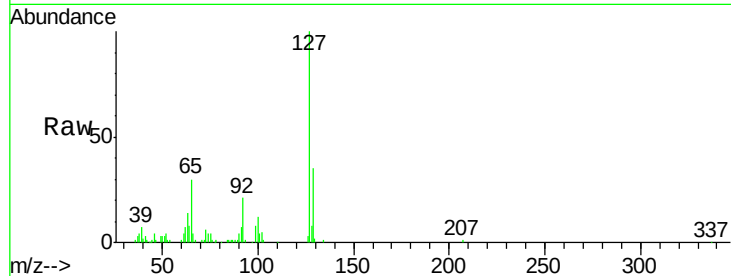
#33
4-Chloroaniline
Concen: 24.746 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Instrument :
BNA_G
ClientSampleId :
PB129457BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		95439		
129	34.7	24.7	37.1		
65	29.5	26.2	39.2		
92	21.3	17.9	26.9		

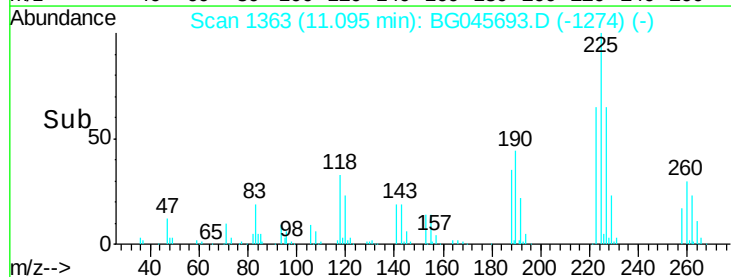
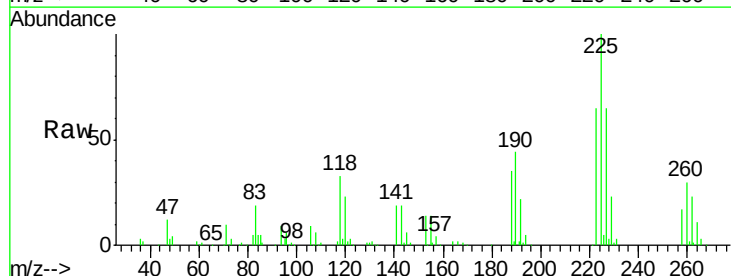
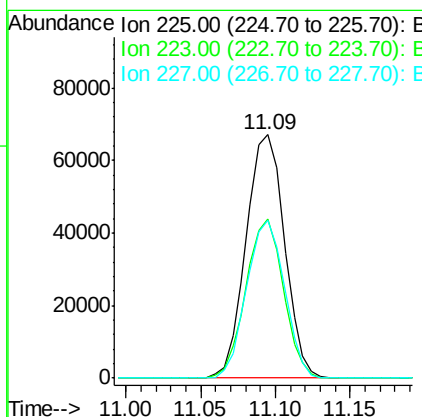
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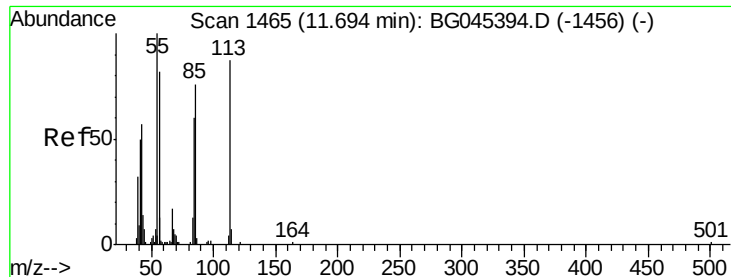
mohammad
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#34
Hexachlorobutadiene
Concen: 49.081 ng
RT: 11.09 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		119484		
223	65.1	49.1	73.7		
227	64.9	52.0	78.0		





#35

Caprolactam

Concen: 51.997 ng/mL

RT: 11.69 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Instrument :

BNA_G

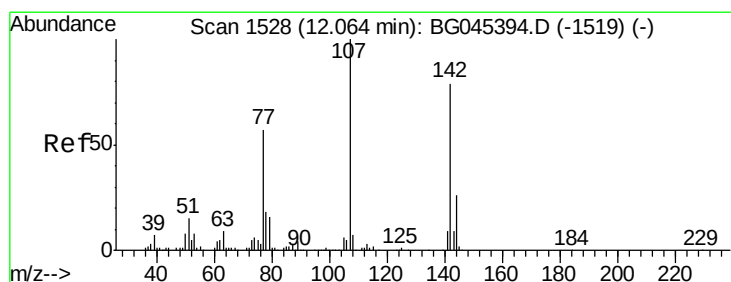
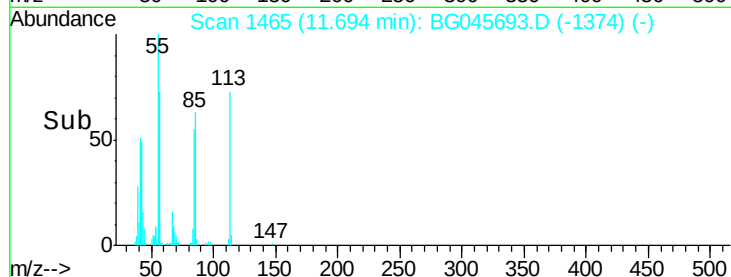
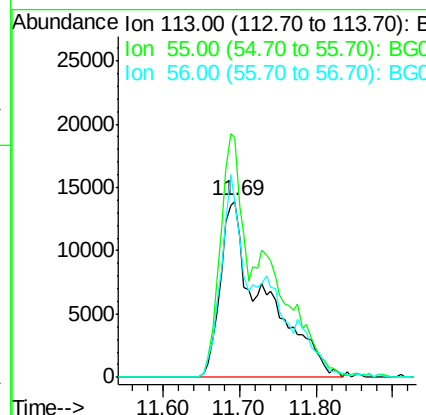
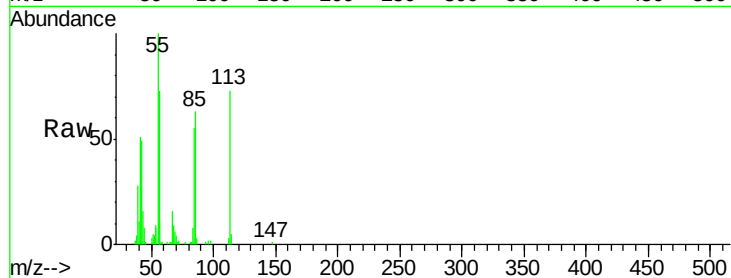
ClientSampleId :

PB129457BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	136.2	96.0	136.0#
56	99.5	75.1	115.1

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#36

4-Chloro-3-methylphenol

Concen: 57.558 ng/mL

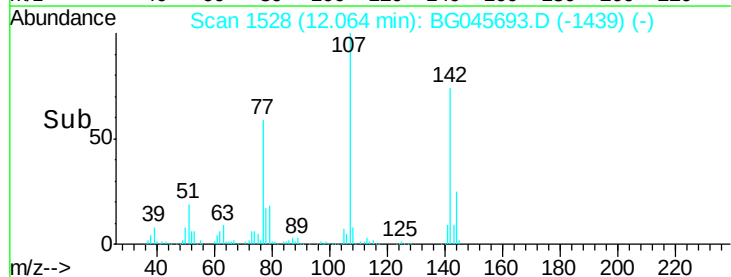
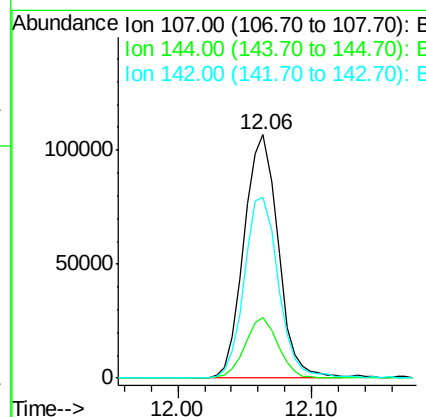
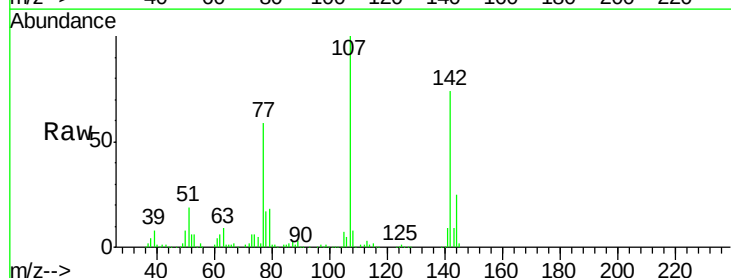
RT: 12.06 min Scan# 1528

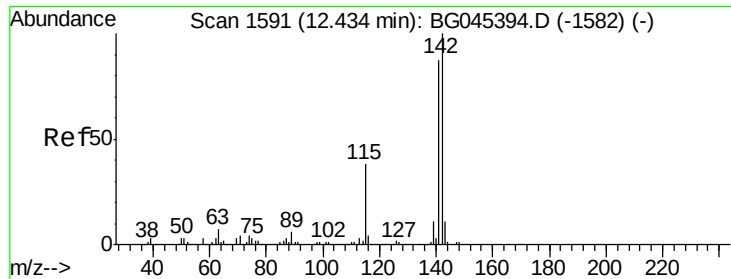
Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.8	20.8	31.2
142	74.5	62.8	94.2





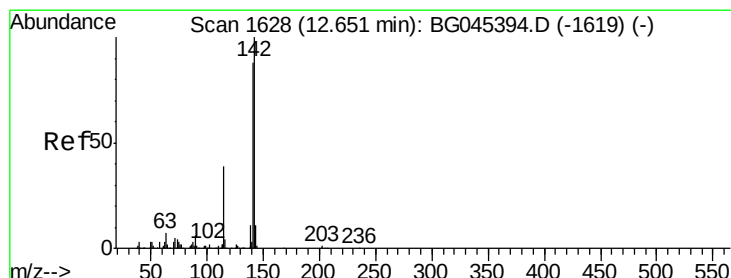
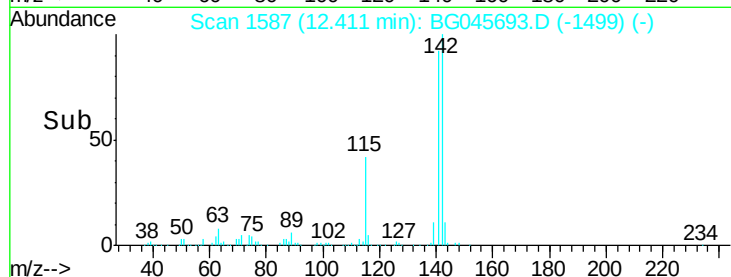
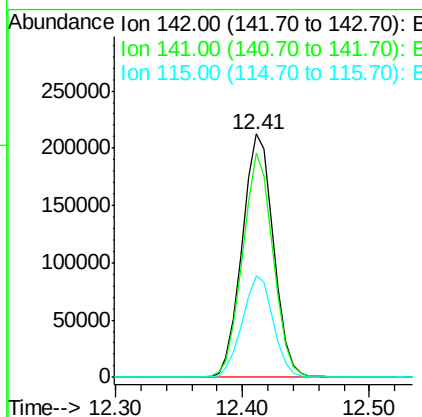
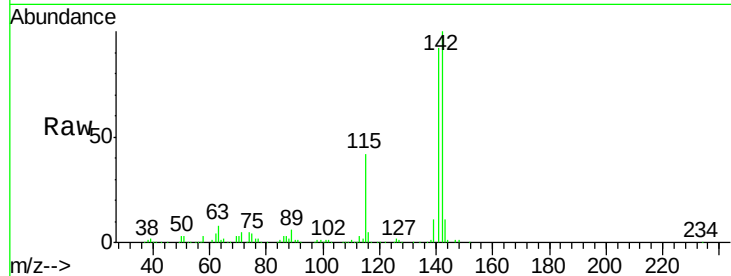
#37
2-Methylnaphthalene
Concen: 53.213 ng
RT: 12.41 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Instrument :
BNA_G
ClientSampleId :
PB129457BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.1	70.0	105.0
115	41.5	30.8	46.2

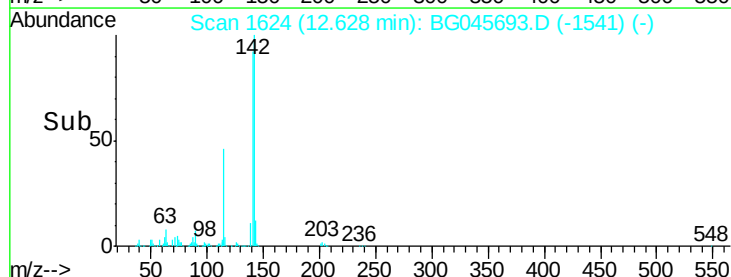
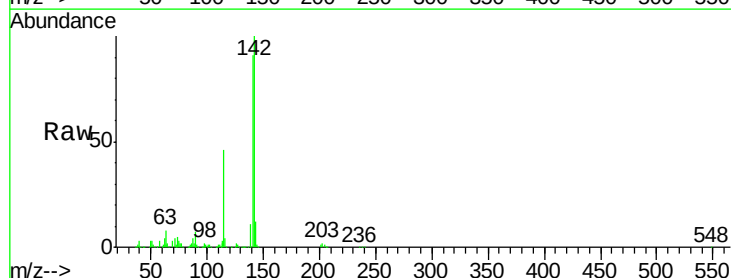
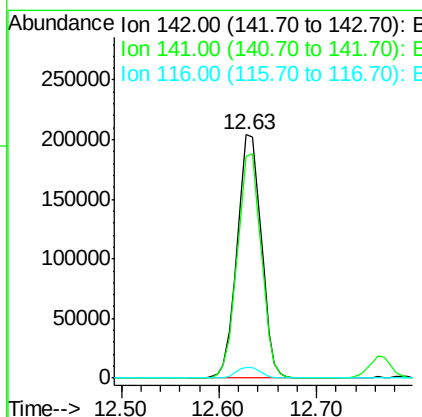
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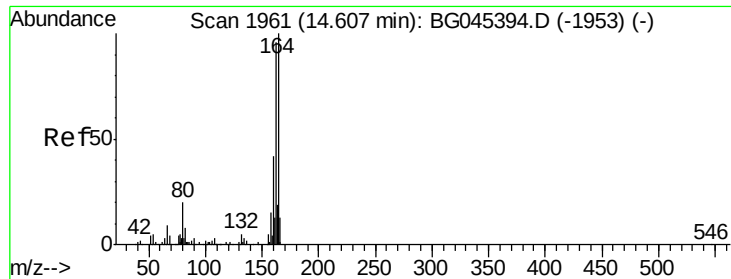
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#38
1-Methylnaphthalene
Concen: 54.534 ng
RT: 12.63 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	70.8	106.2
116	4.3	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Instrument :

BNA_G

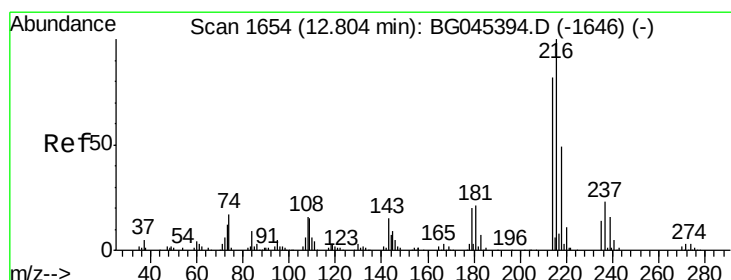
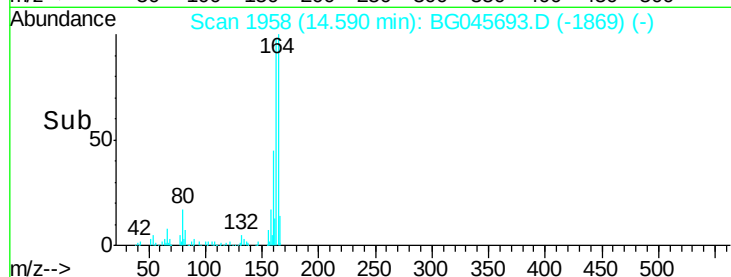
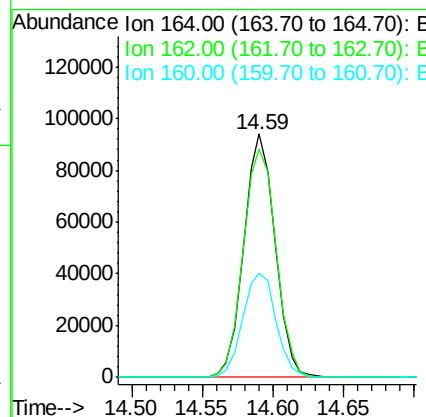
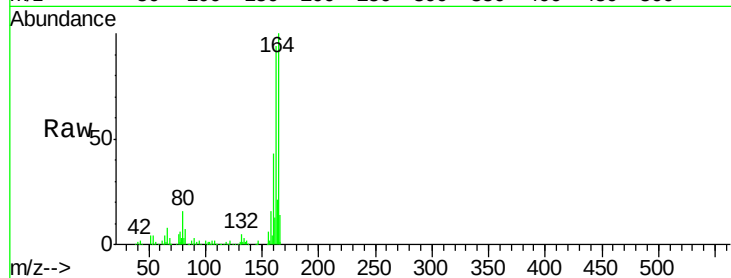
ClientSampleId :

PB129457BSD

Tot Ion:	164	Resp:	145582
Ion Ratio	Lower	Upper	
164	100		
162	93.8	76.9	115.3
160	42.9	33.8	50.8

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.841 ng

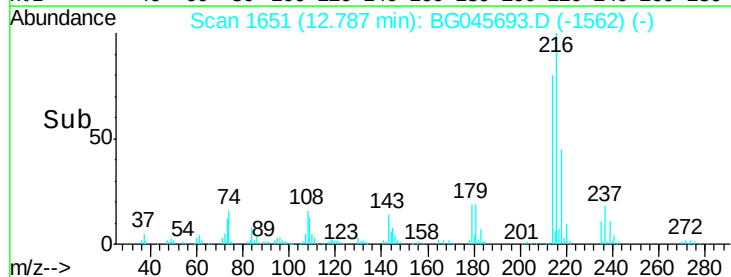
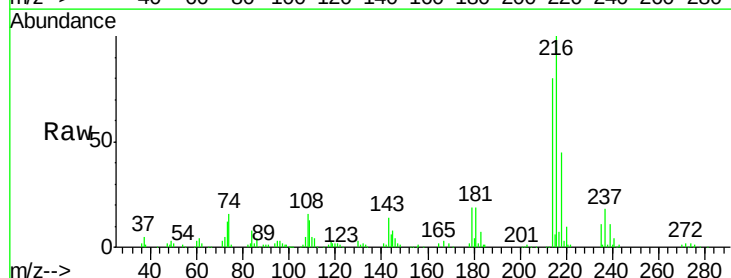
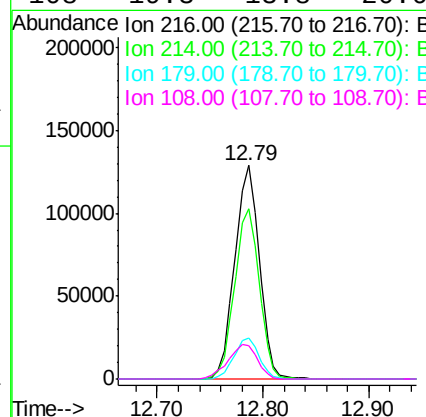
RT: 12.79 min Scan# 1651

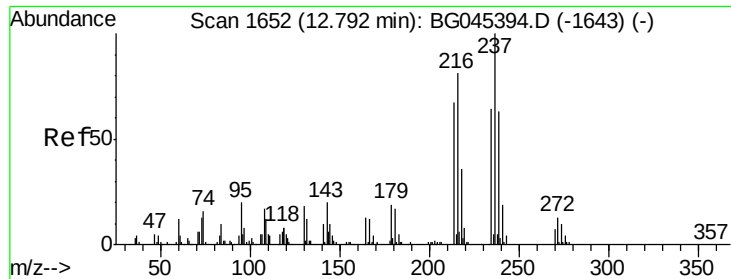
Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Tgt Ion:	216	Resp:	206734
Ion Ratio	Lower	Upper	
216	100		
214	79.8	63.7	95.5
179	19.4	16.1	24.1
108	19.3	13.8	20.6





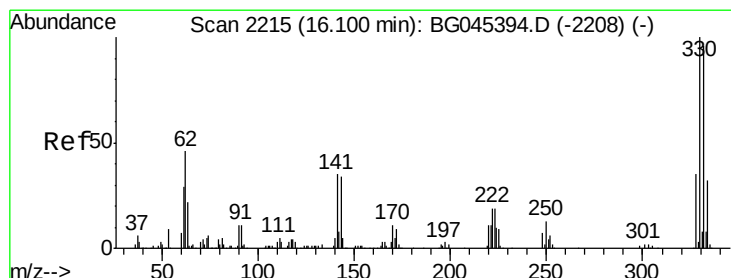
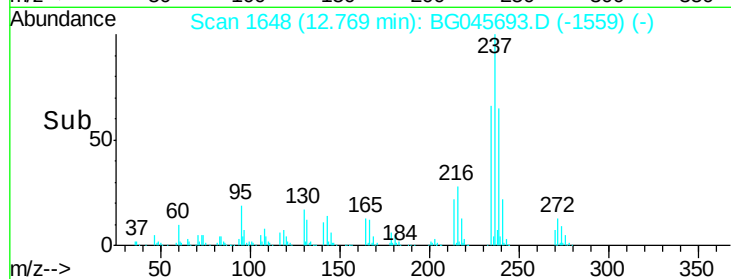
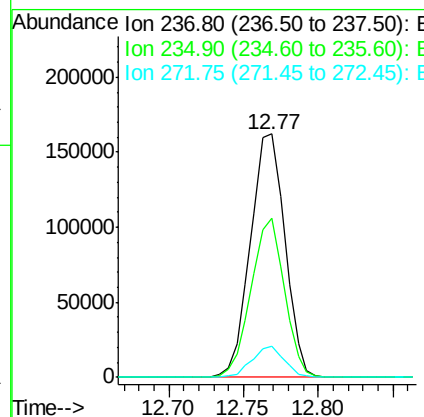
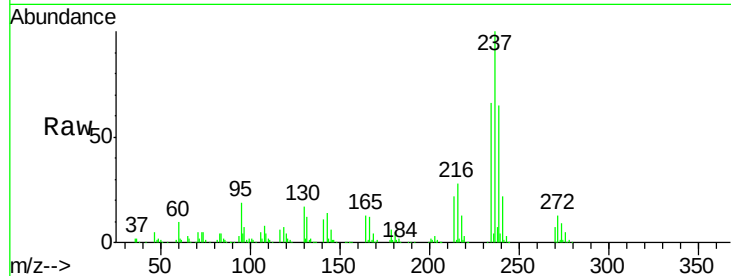
#41
Hexachlorocyclopentadiene
Concen: 110.297 ng
RT: 12.77 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Instrument :
BNA_G
ClientSampleId :
PB129457BSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	65.6	44.4	84.4
272	12.8	0.0	32.5

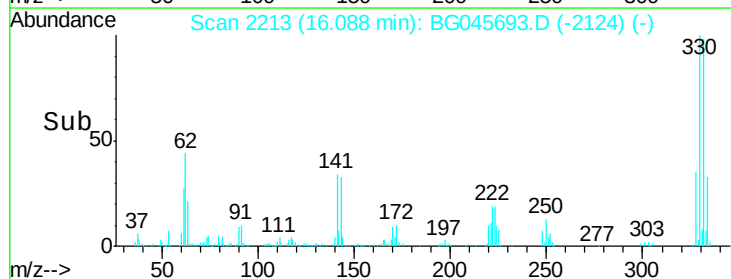
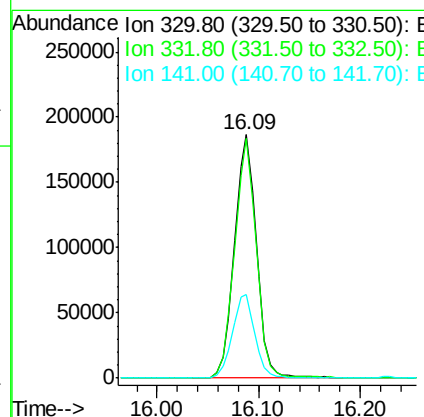
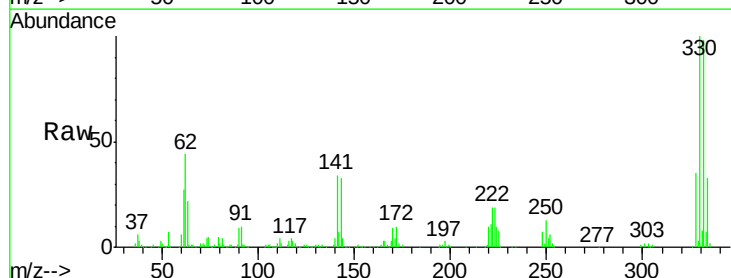
Manual Integrations
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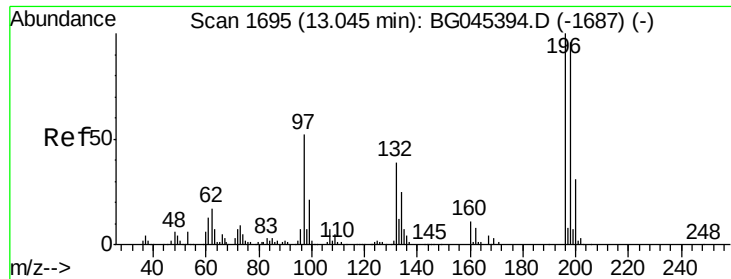
mohammad
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#42
2,4,6-Tribromophenol
Concen: 151.001 ng
RT: 16.09 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	97.3	78.2	117.4
141	35.1	28.2	42.4





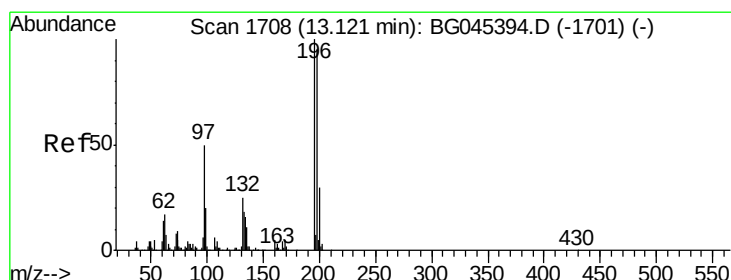
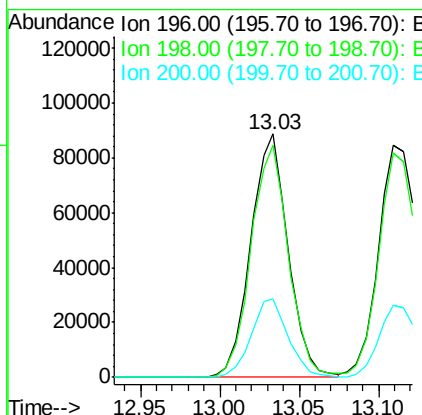
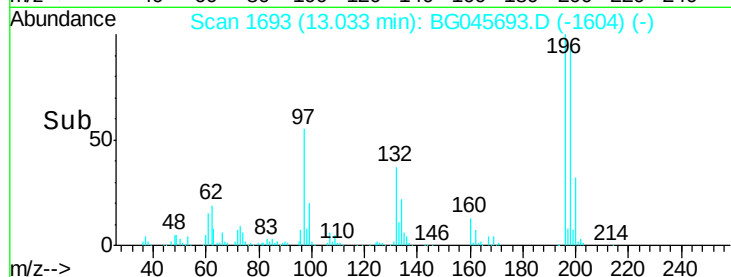
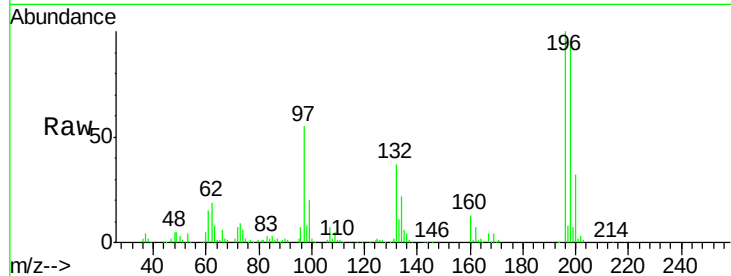
#43
 2,4,6-Trichlorophenol
 Concen: 51.321 ng
 RT: 13.03 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BG045693.D
 Acq: 10 Jun 2020 15:53

Instrument :
 BNA_G
 ClientSampleId :
 PB129457BSD

Tot Ion:	196	Resp:	144968
Ion Ratio	Lower	Upper	
196	100		
198	95.1	76.7	115.1
200	32.4	24.9	37.3

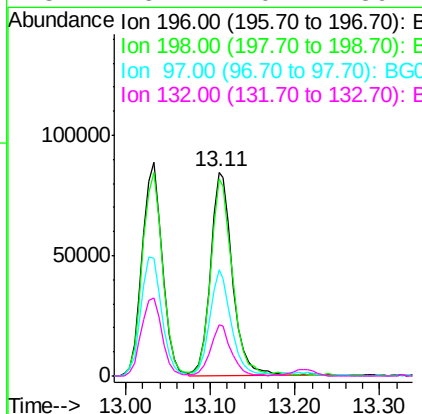
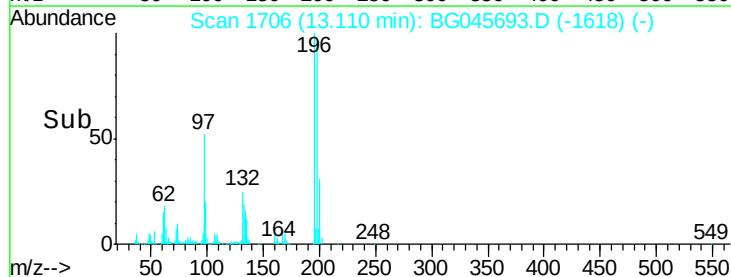
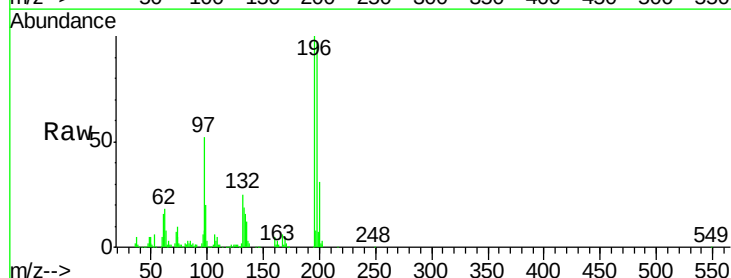
Manual Integrations
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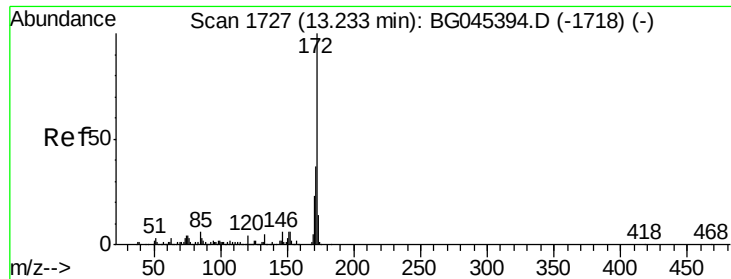
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 47.936 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG045693.D
 Acq: 10 Jun 2020 15:53

Tgt Ion:	196	Resp:	154733
Ion Ratio	Lower	Upper	
196	100		
198	96.7	76.1	114.1
97	52.4	40.0	60.0
132	25.1	20.2	30.2





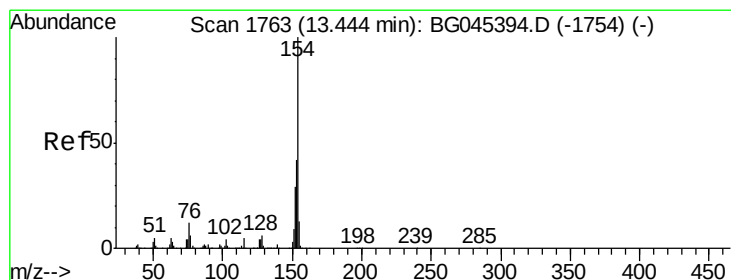
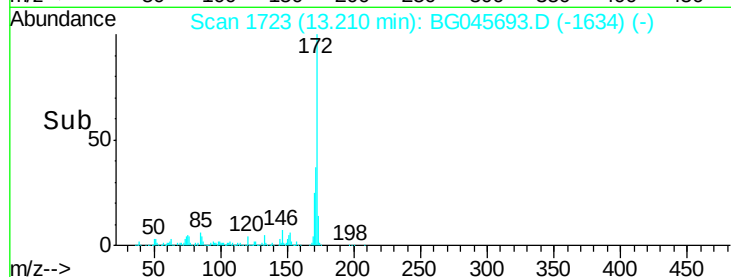
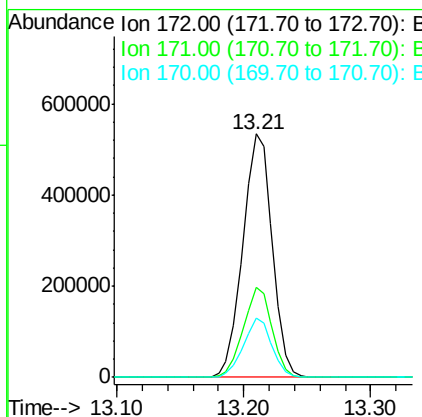
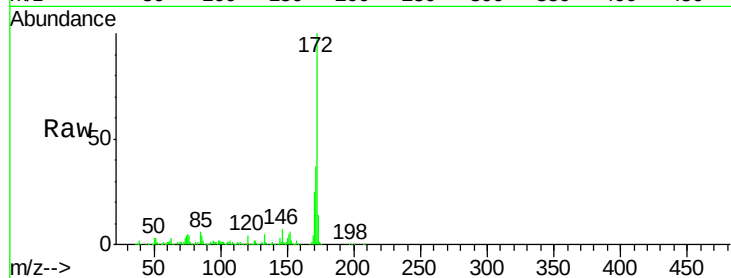
#45
2-Fluorobiphenyl
Concen: 99.992 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Instrument :
BNA_G
ClientSampleId :
PB129457BSD

Tot Ion	Ratio	Resp Lower	Upper
172	100		
171	36.9	29.5	44.3
170	24.6	18.5	27.7

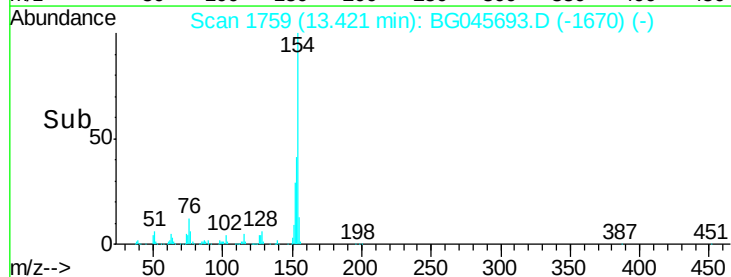
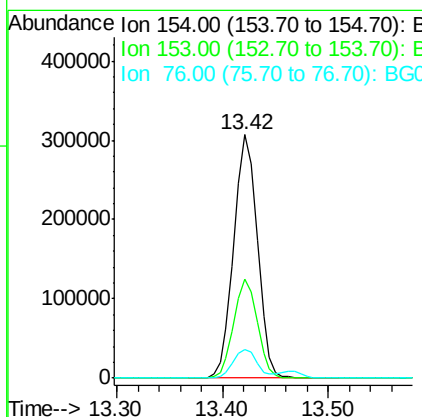
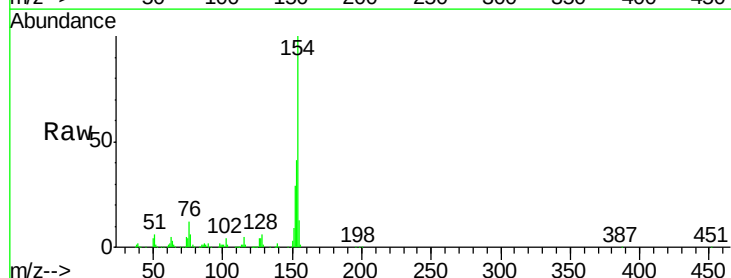
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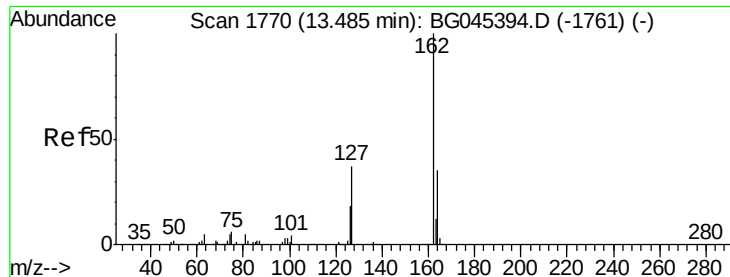
mohammad
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#46
1,1'-Biphenyl
Concen: 53.098 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	40.5	22.2	62.2
76	11.9	0.0	32.4





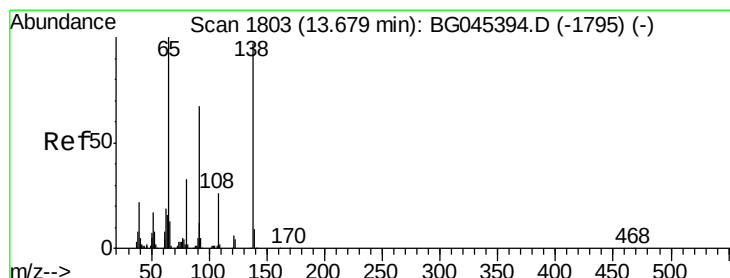
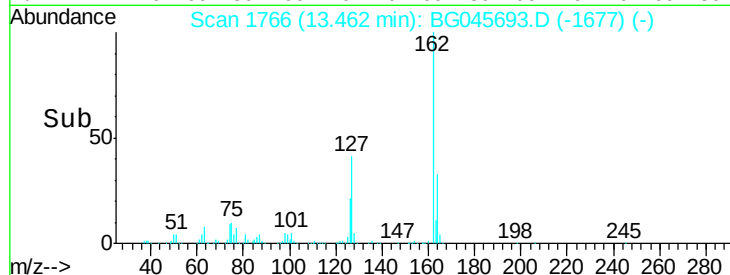
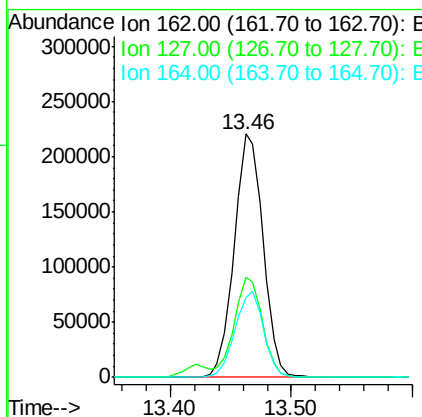
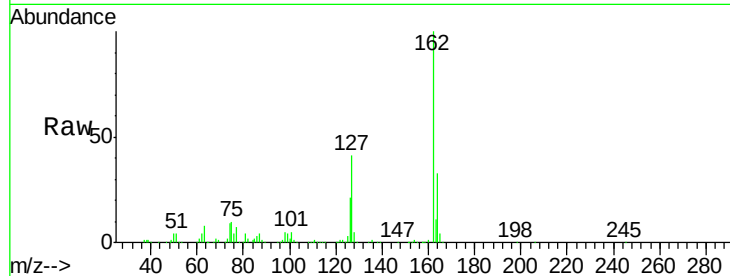
#47
2-Chloronaphthalene
Concen: 50.691 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Instrument :
BNA_G
ClientSampleId :
PB129457BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.0	31.6	47.4
164	33.0	28.1	42.1

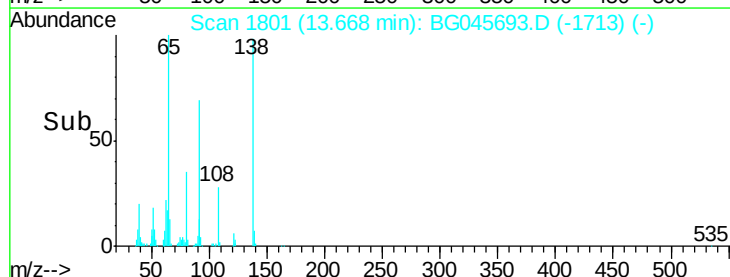
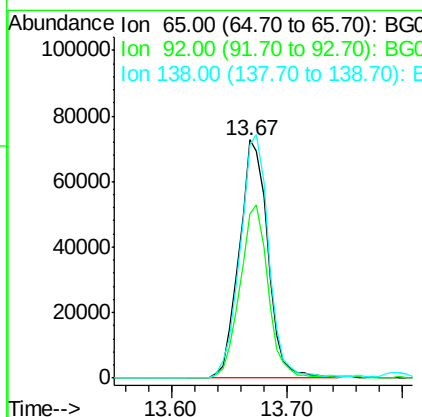
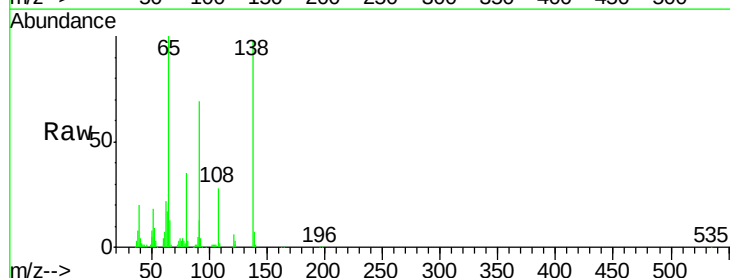
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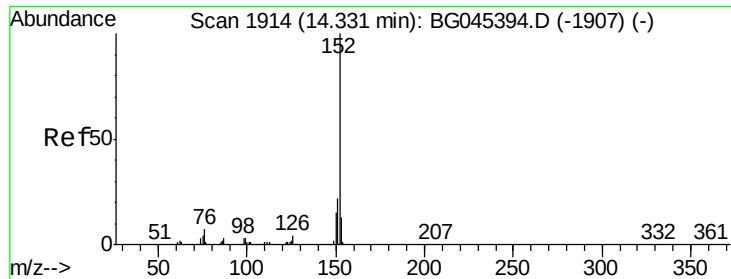
mohammad
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#48
2-Nitroaniline
Concen: 52.401 ng
RT: 13.67 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.2	53.8	80.8
138	98.2	77.9	116.9





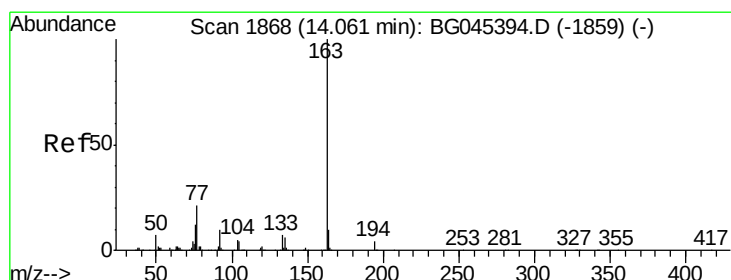
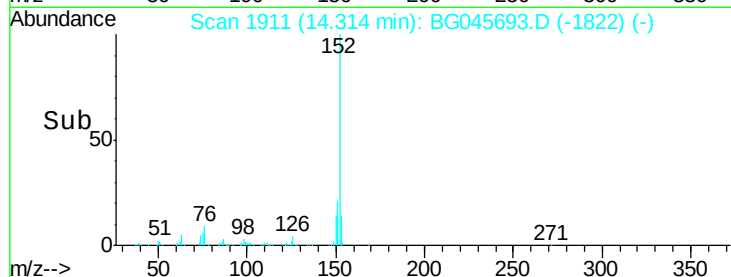
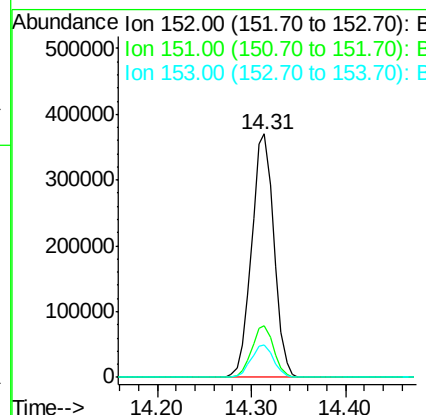
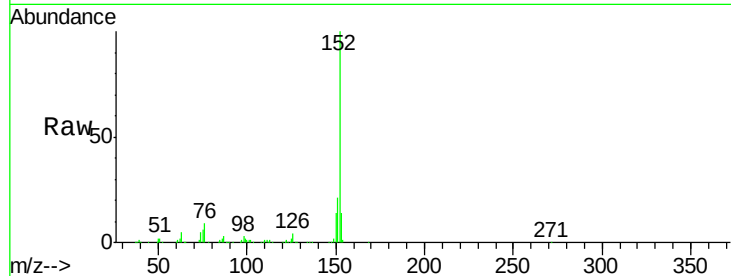
#49
Acenaphthylene
Concen: 52.108 ng
RT: 14.31 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Instrument :
BNA_G
ClientSampleId :
PB129457BSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.4	26.2
153	13.5	10.7	16.1

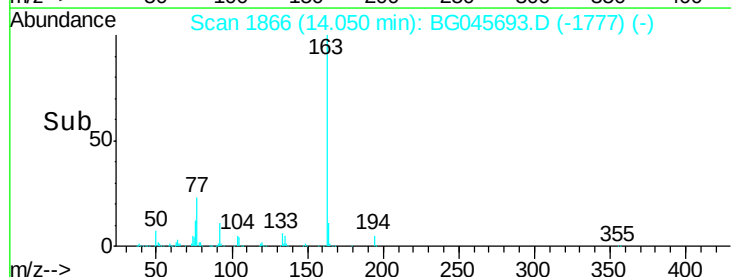
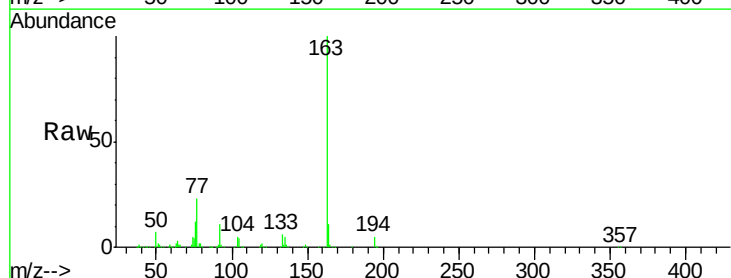
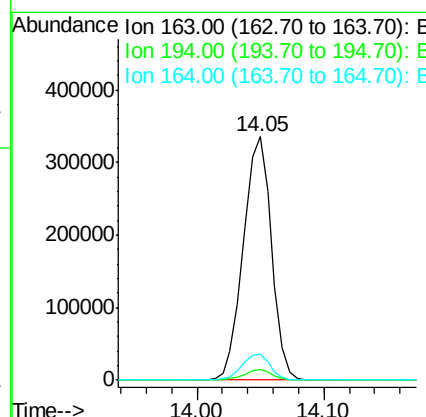
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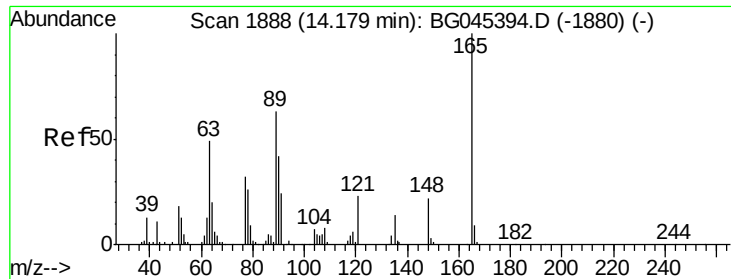
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#50
Dimethylphthalate
Concen: 51.554 ng
RT: 14.05 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.2	4.8
164	10.7	8.3	12.5





#51

2,6-Dinitrotoluene

Concen: 50.672 ng

RT: 14.17 min Scan# 1886

Delta R.T. 0.00 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Instrument :

BNA_G

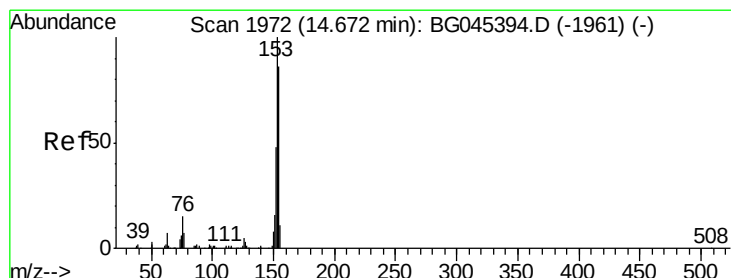
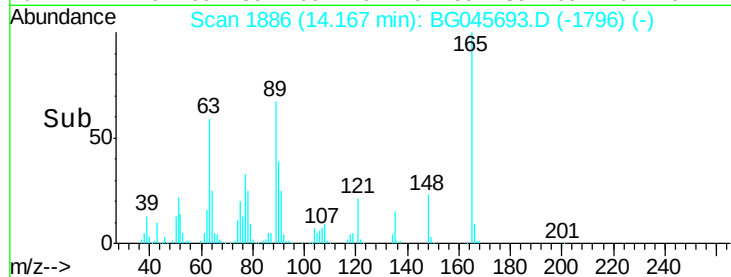
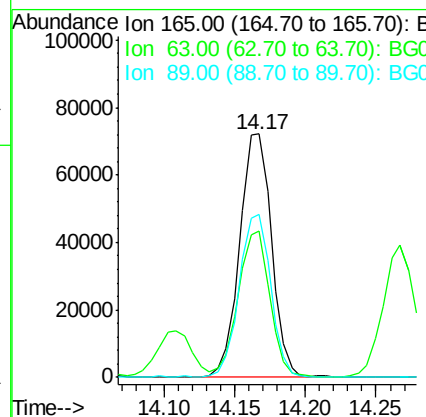
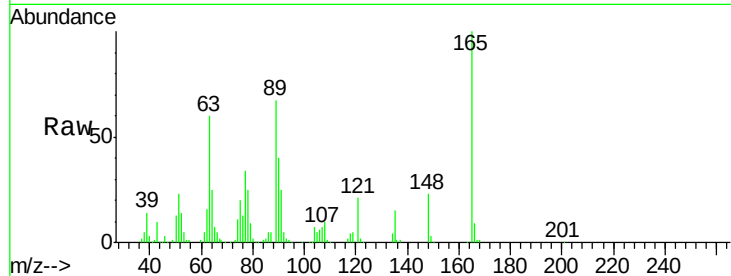
ClientSampleId :

PB129457BSD

Tot Ion:	165	Resp:	114190
Ion Ratio	Lower	Upper	
165	100		
63	60.1	45.0	67.4
89	66.9	50.2	75.4

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#52

Acenaphthene

Concen: 46.838 ng

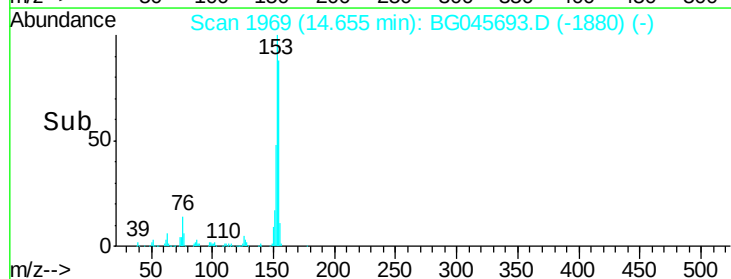
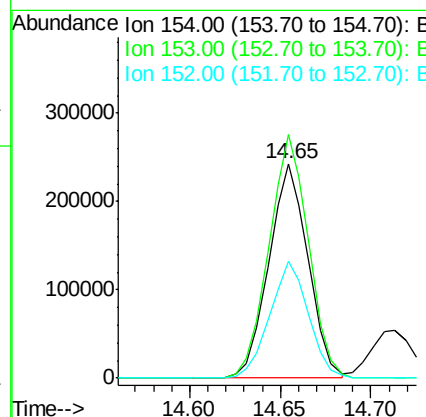
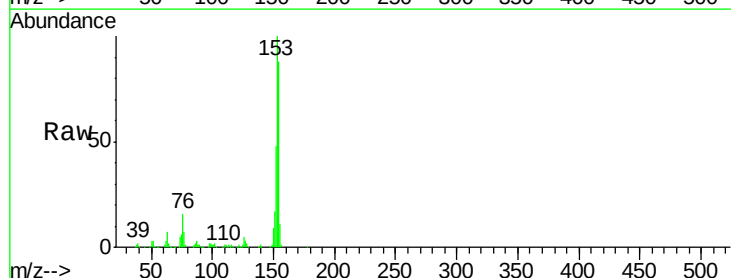
RT: 14.65 min Scan# 1969

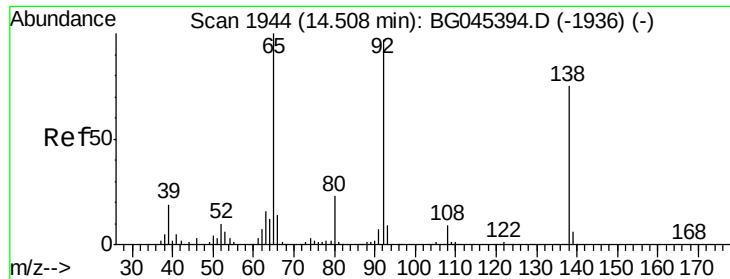
Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Tgt Ion:	154	Resp:	365811
Ion Ratio	Lower	Upper	
154	100		
153	113.6	92.8	139.2
152	54.8	44.6	66.8





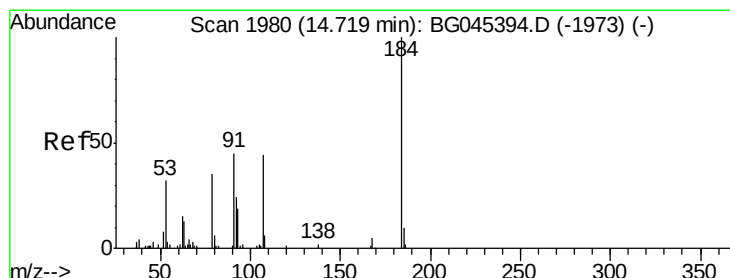
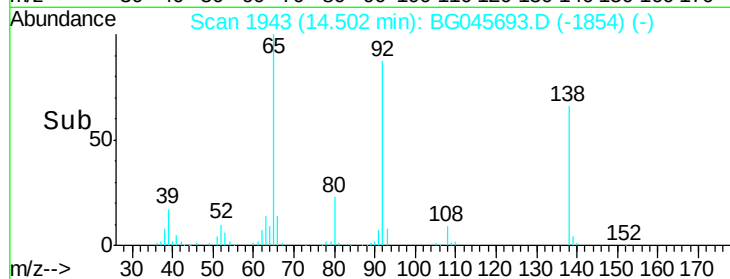
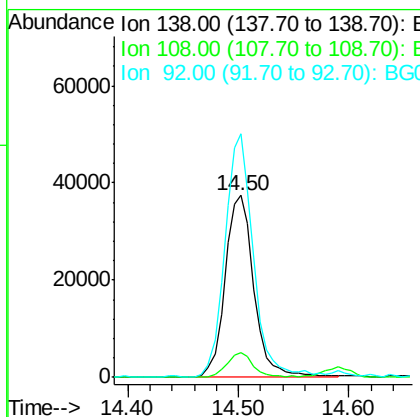
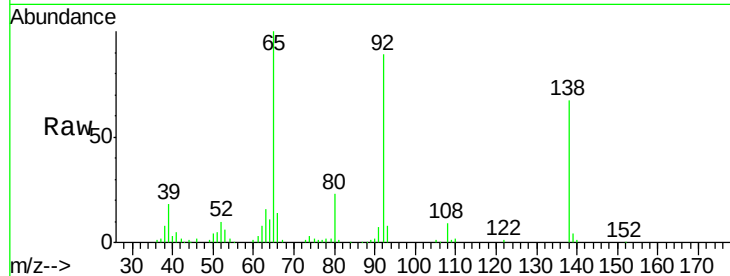
#53
3-Nitroaniline
Concen: 29.876 ng
RT: 14.50 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Instrument :
BNA_G
ClientSampleId :
PB129457BSD

Tot Ion:138 Resp: 68440
Ion Ratio Lower Upper
138 100
108 13.6 9.8 14.6
92 134.1 103.0 154.4

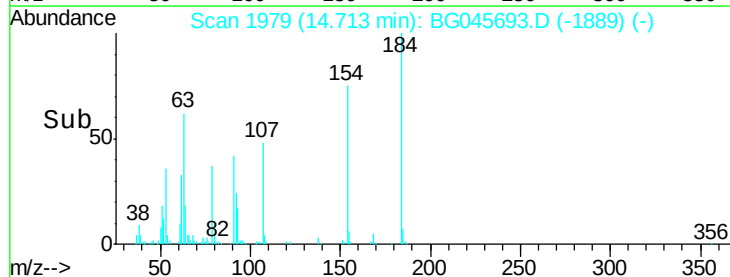
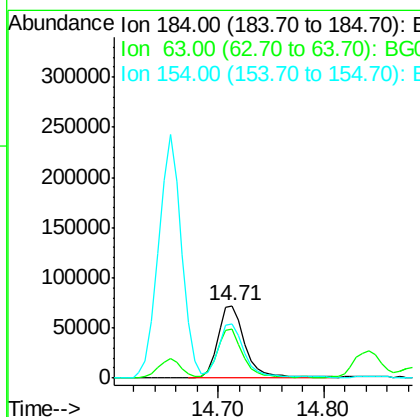
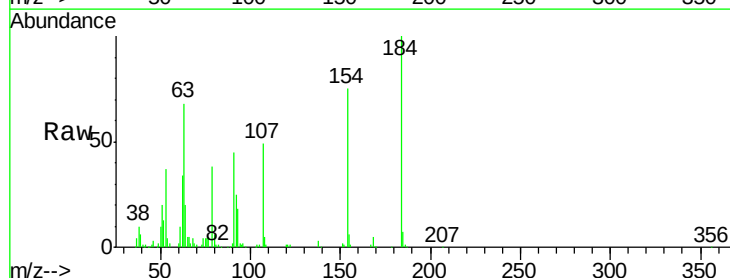
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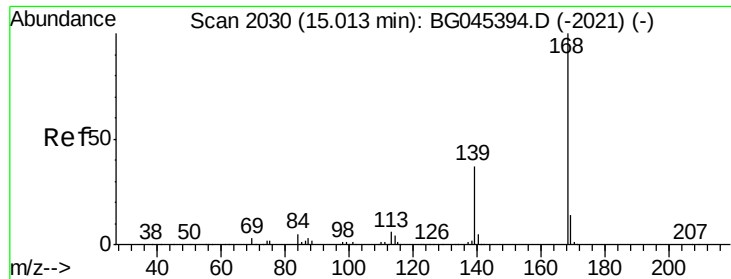
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#54
2,4-Dinitrophenol
Concen: 87.735 ng
RT: 14.71 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Tgt Ion:184 Resp: 130352
Ion Ratio Lower Upper
184 100
63 68.4 47.8 71.6
154 74.8 58.3 87.5





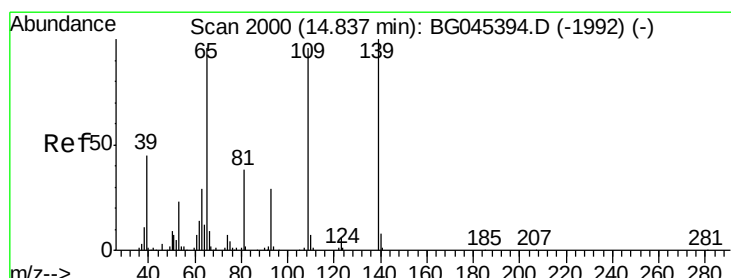
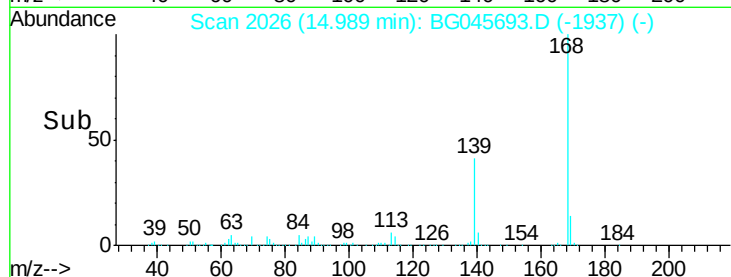
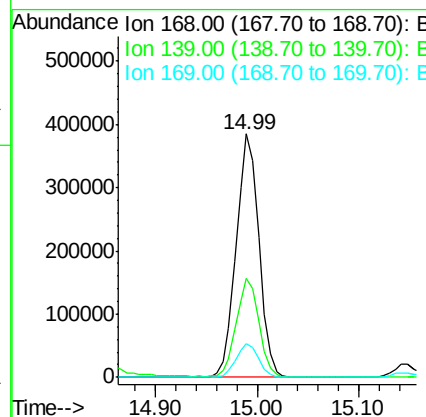
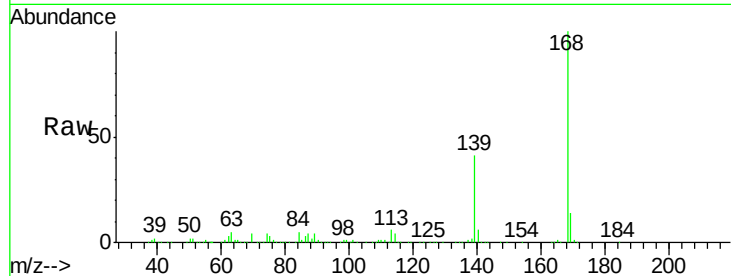
#55
Dibenzofuran
Concen: 51.708 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Instrument :
BNA_G
ClientSampleId :
PB129457BSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	599719		
139	40.5		29.9	44.9
169	13.6		10.9	16.3

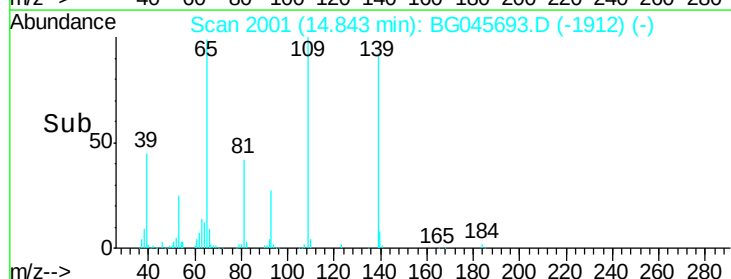
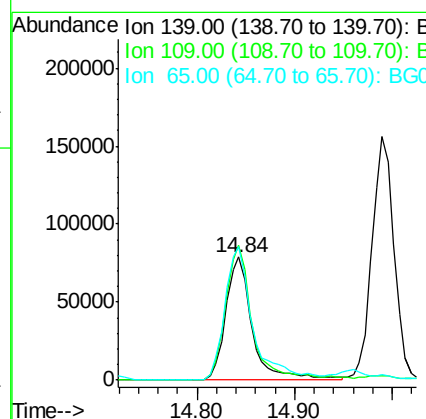
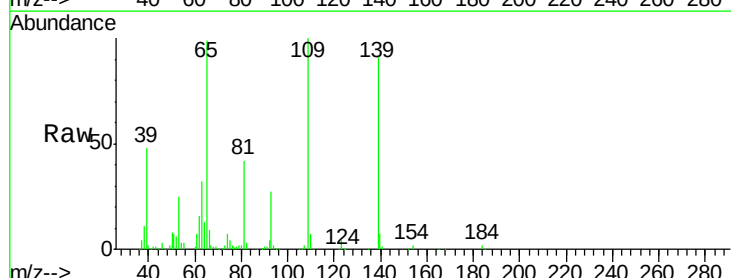
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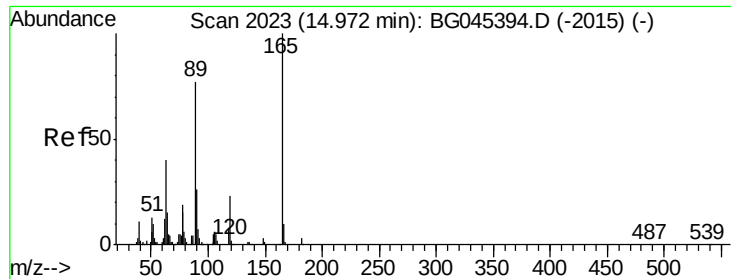
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#56
4-Nitrophenol
Concen: 85.969 ng
RT: 14.84 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	149102		
109	109.6		75.6	115.6
65	108.0		76.8	116.8





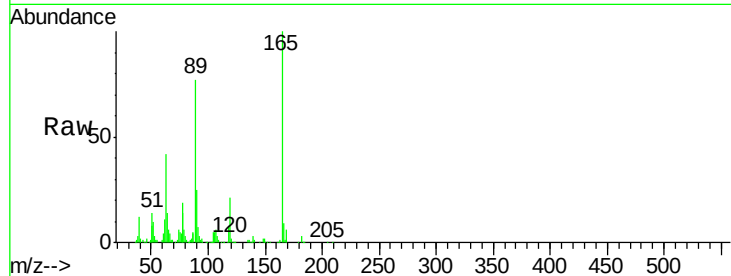
#57
2,4-Dinitrotoluene
Concen: 50.818 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Instrument :
BNA_G
ClientSampleId :
PB129457BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	42.0	32.5	48.7
89	76.8	61.8	92.6
182	2.6	2.3	3.5

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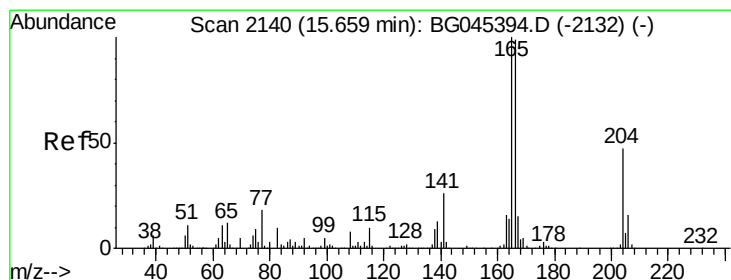
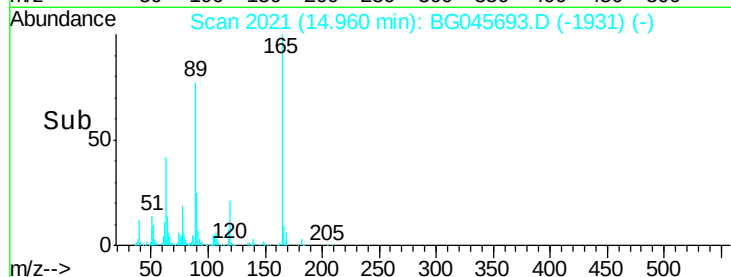
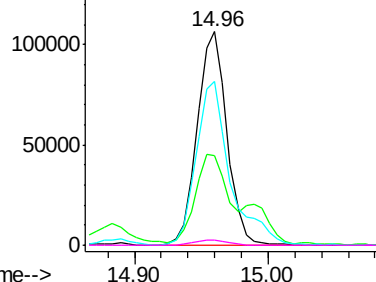


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



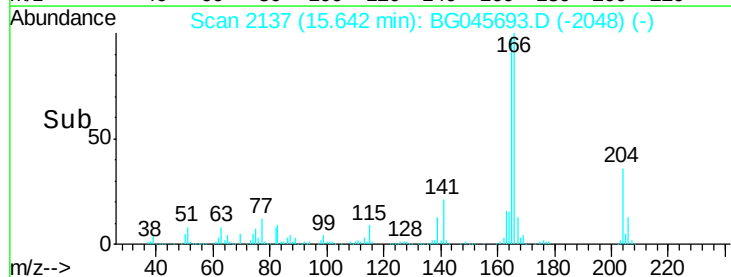
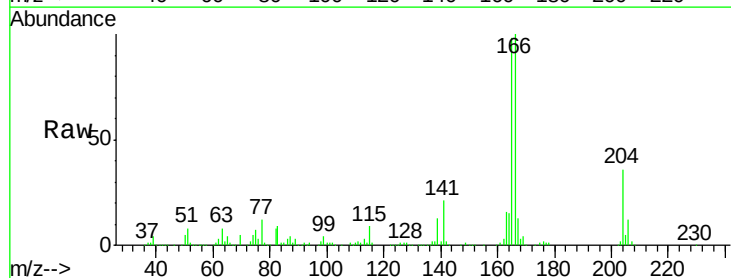
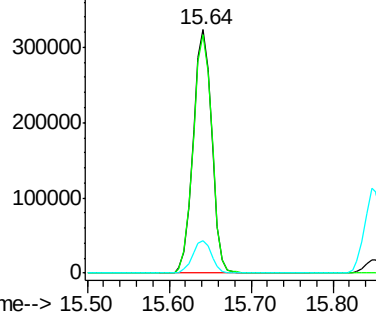
#58
Fluorene
Concen: 53.526 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

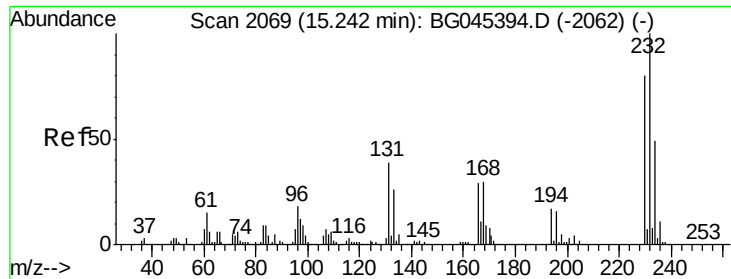
Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	97.9	80.8	121.2
167	13.4	12.0	18.0

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





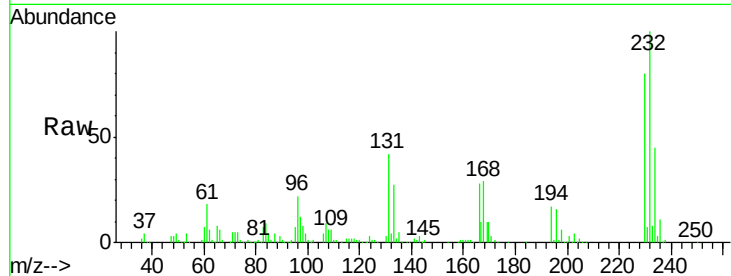
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.832 ng
 RT: 15.22 min Scan# 2066
 Delta R.T. -0.01 min
 Lab File: BG045693.D
 Acq: 10 Jun 2020 15:53

Instrument :
 BNA_G
 ClientSampleId :
 PB129457BSD

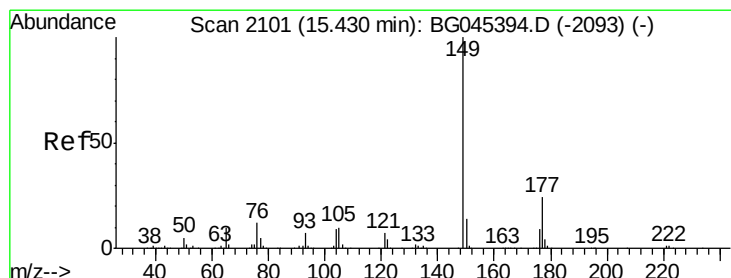
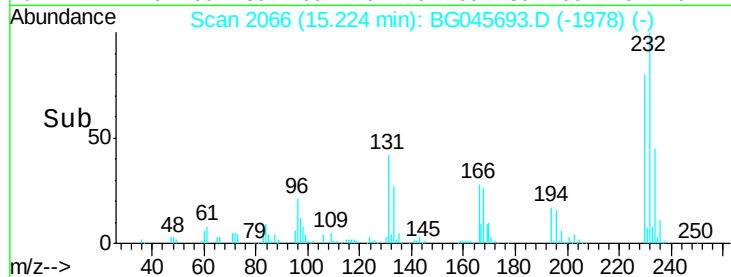
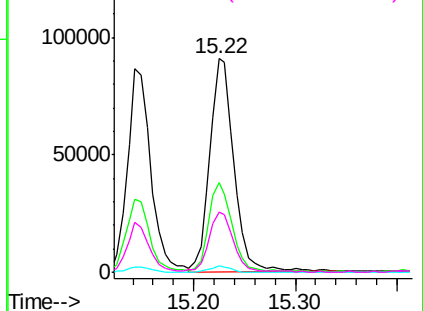
Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		150035		
131	39.7	33.7	50.5		
130	2.5	2.1	3.1		
166	27.7	23.2	34.8		

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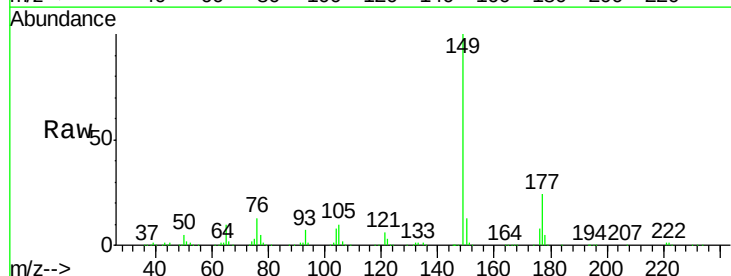


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

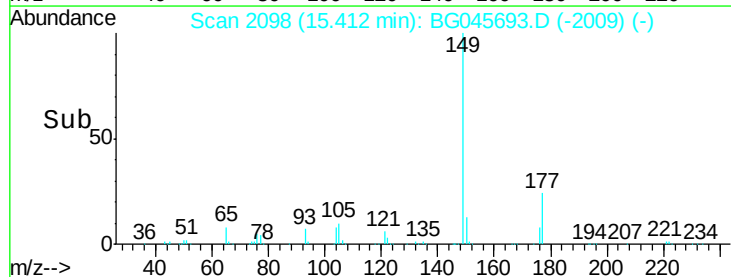
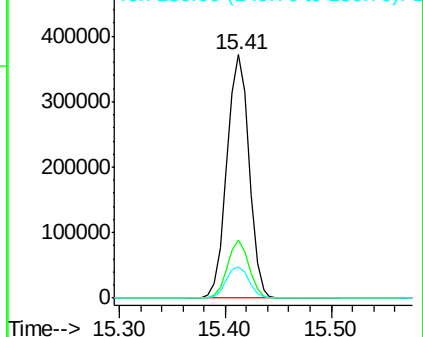


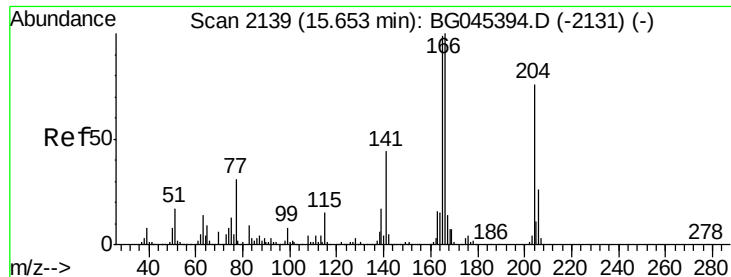
#60
 Diethylphthalate
 Concen: 51.469 ng
 RT: 15.41 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BG045693.D
 Acq: 10 Jun 2020 15:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		535000		
177	23.9	19.0	28.4		
150	13.0	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: 51.862 ng

RT: 15.63 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Instrument :

BNA_G

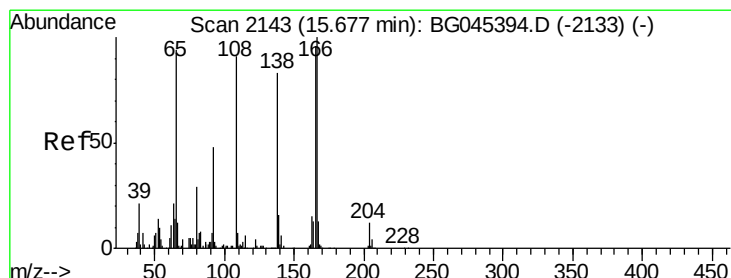
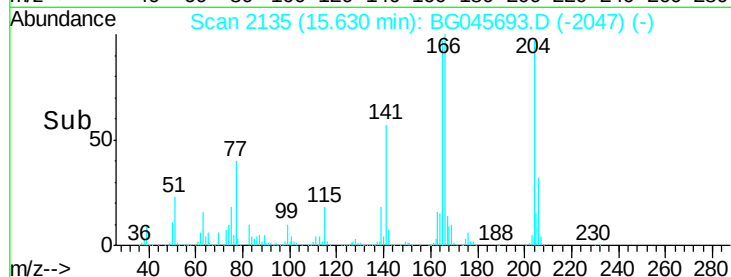
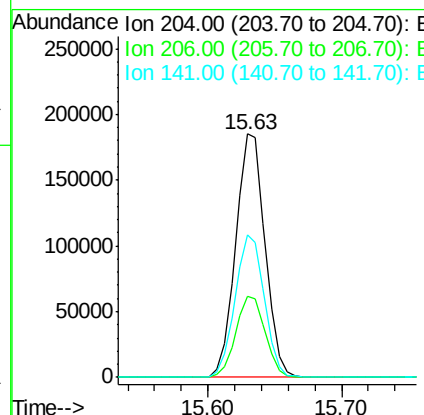
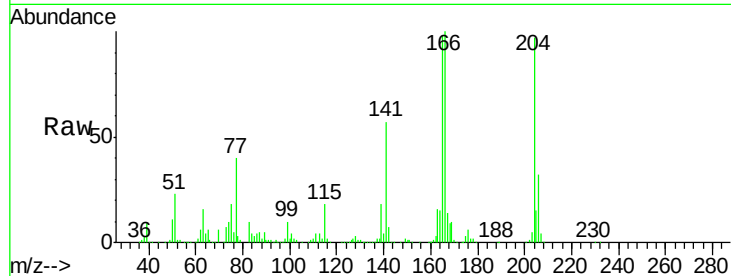
ClientSampleId :

PB129457BSD

Tot Ion:	204	Resp:	282783
Ion Ratio	Lower	Upper	
204	100		
206	33.4	27.3	40.9
141	58.6	45.9	68.9

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#62

4-Nitroaniline

Concen: 46.767 ng

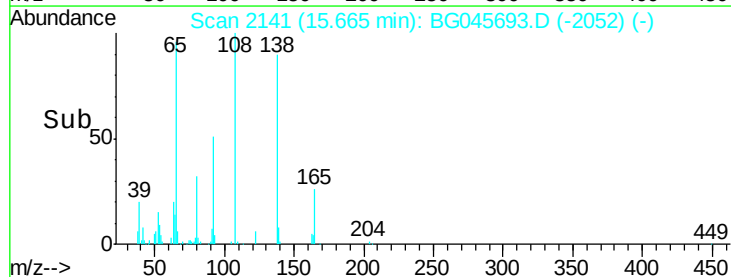
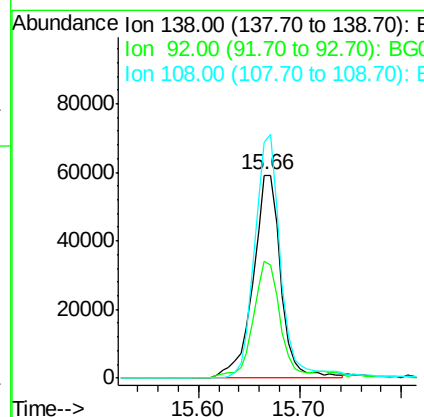
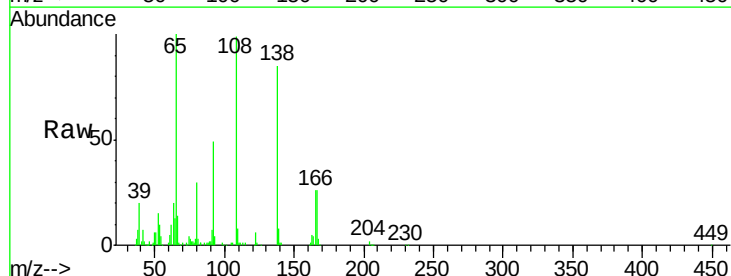
RT: 15.66 min Scan# 2141

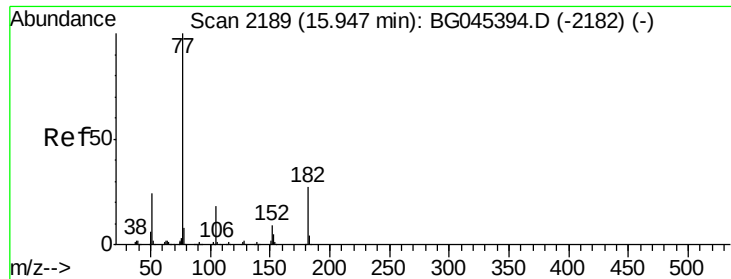
Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Tgt Ion:	138	Resp:	111844
Ion Ratio	Lower	Upper	
138	100		
92	57.5	38.0	78.0
108	116.3	89.3	129.3





#63

Azobenzene

Concen: 54.034 ng

RT: 15.92 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Instrument :

BNA_G

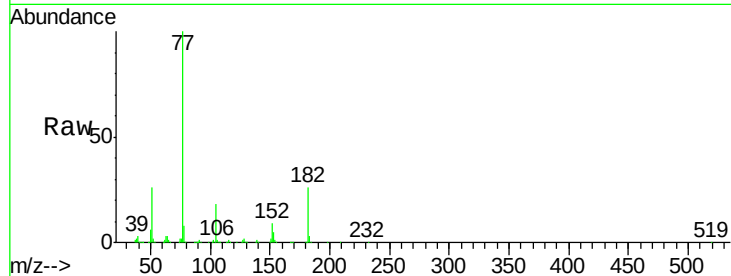
ClientSampleId :

PB129457BSD

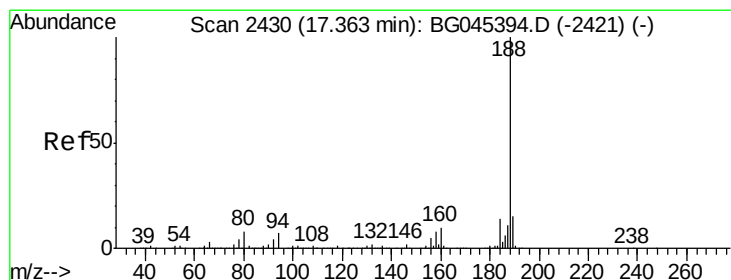
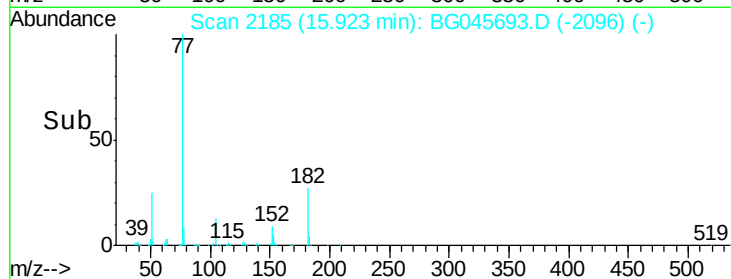
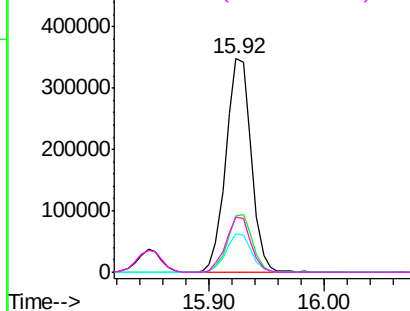
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	26.5	6.5	46.5		
105	18.3	0.0	37.9		
51	25.6	4.1	44.1		

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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

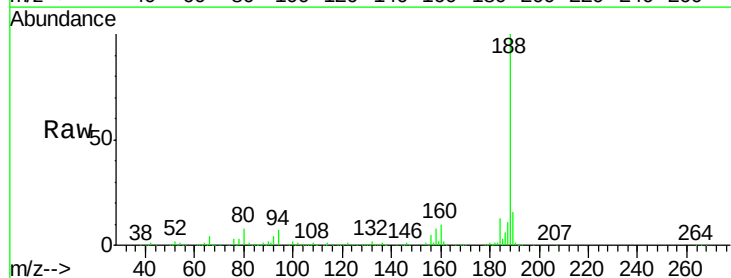
RT: 17.34 min Scan# 2426

Delta R.T. -0.01 min

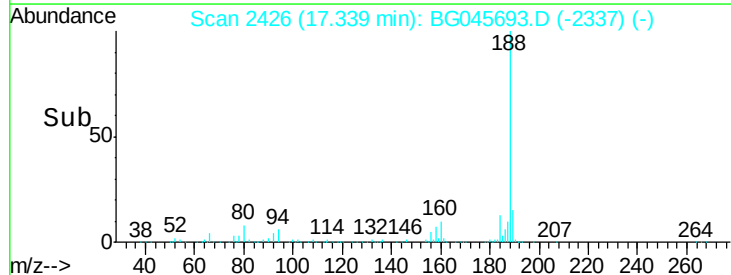
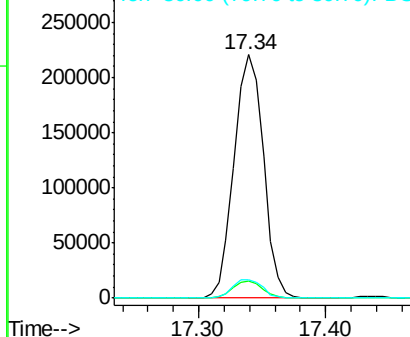
Lab File: BG045693.D

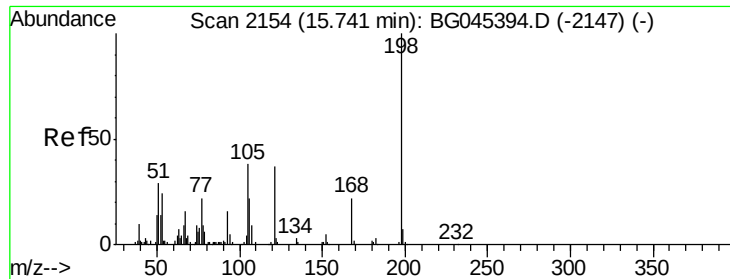
Acq: 10 Jun 2020 15:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	6.9	5.5	8.3		
80	7.8	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: 50.227 ng

RT: 15.73 min Scan# 2152

Delta R.T. 0.00 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Instrument :

BNA_G

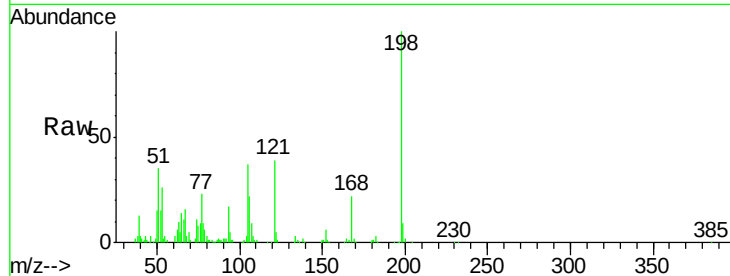
ClientSampleId :

PB129457BSD

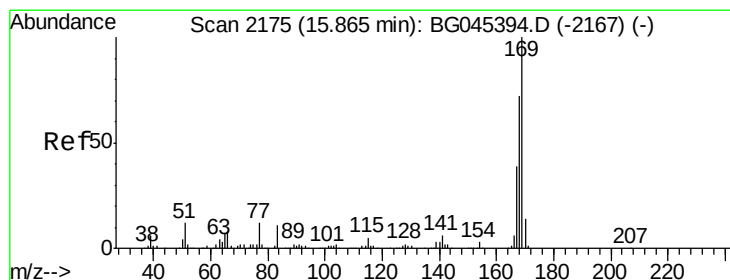
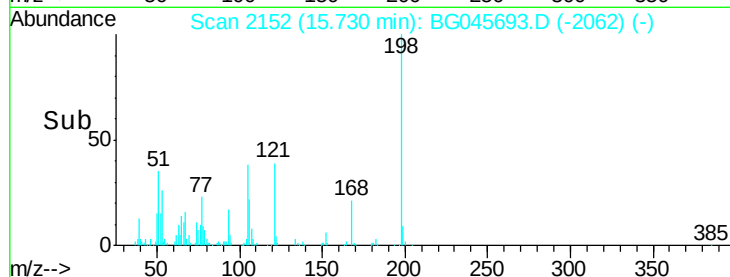
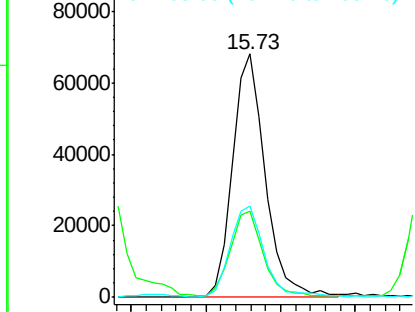
Tot Ion:	198	Resp:	104120
Ion Ratio	Lower	Upper	
198	100		
51	35.4	10.0	50.0
105	37.4	18.9	58.9

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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: 53.469 ng

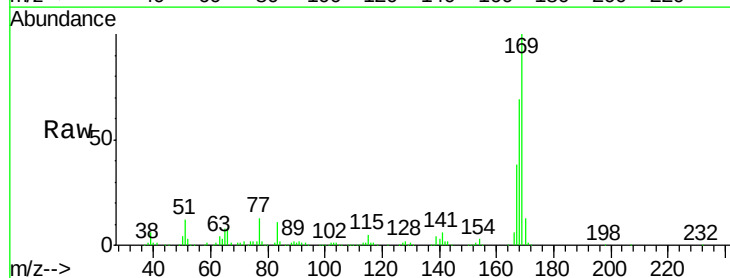
RT: 15.85 min Scan# 2172

Delta R.T. -0.01 min

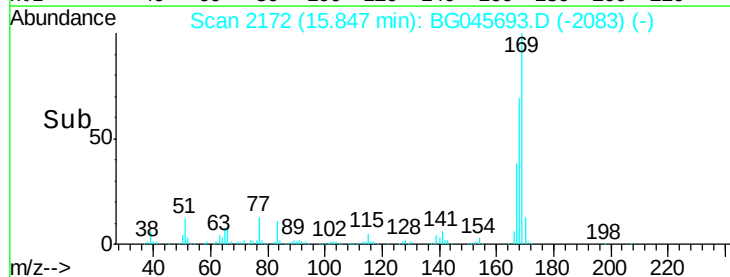
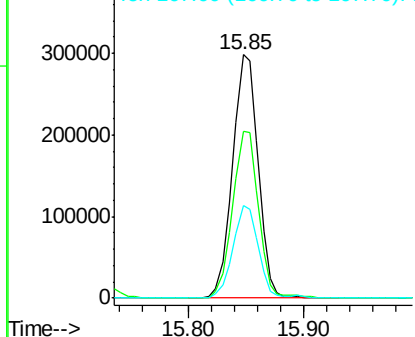
Lab File: BG045693.D

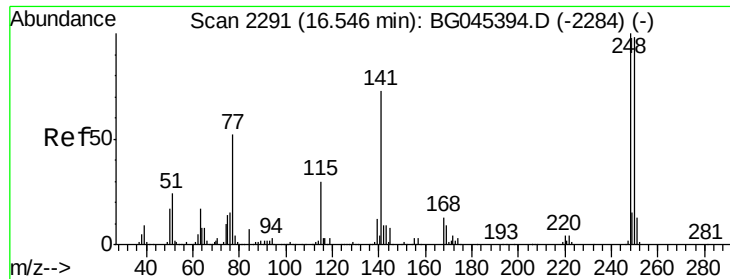
Acq: 10 Jun 2020 15:53

Tgt Ion:	169	Resp:	456958
Ion Ratio	Lower	Upper	
169	100		
168	68.5	57.8	86.6
167	38.0	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





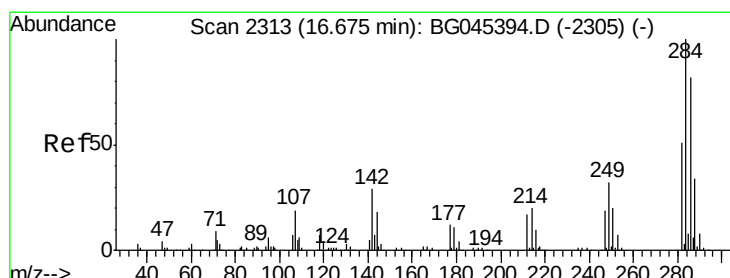
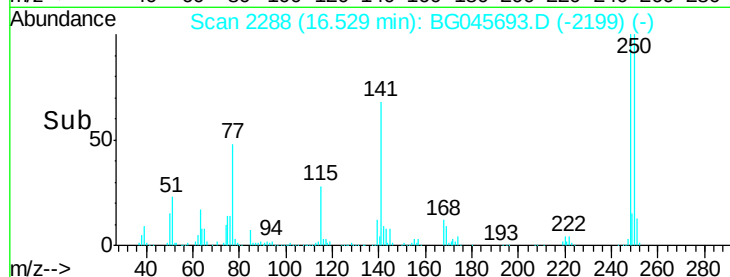
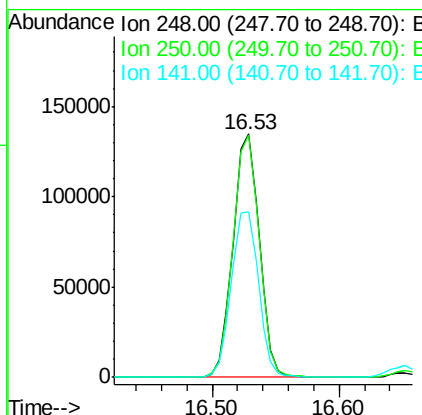
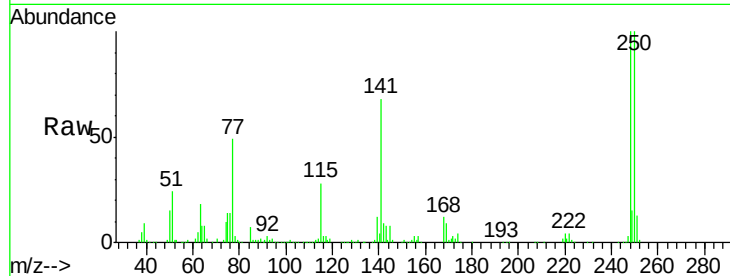
#67
4-Bromophenyl-phenylether
Concen: 50.232 ng
RT: 16.53 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Instrument :
BNA_G
ClientSampleId :
PB129457BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.6	78.6	117.8
141	67.9	58.2	87.2

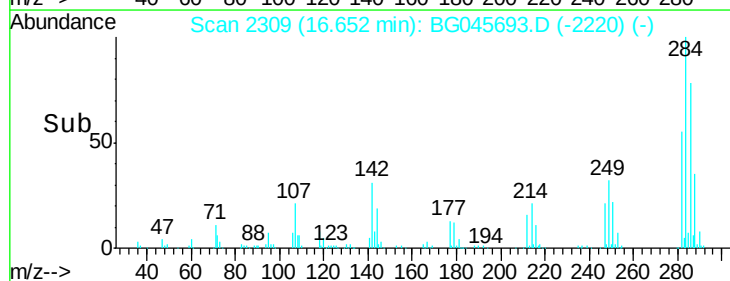
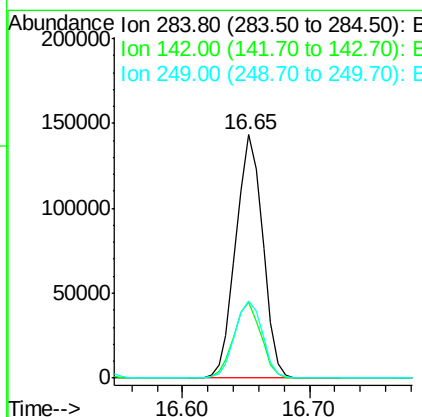
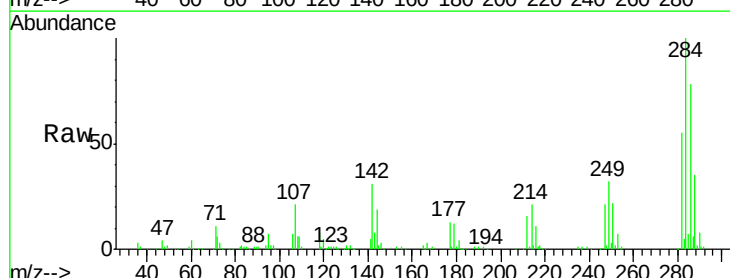
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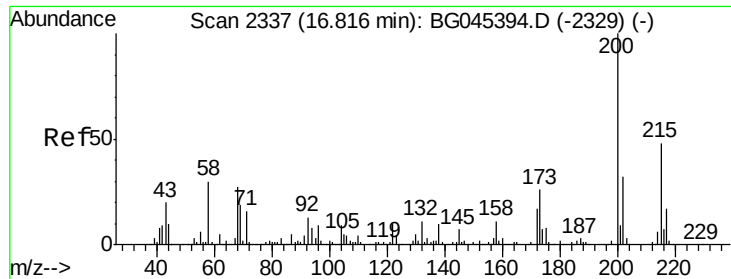
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#68
Hexachlorobenzene
Concen: 52.421 ng
RT: 16.65 min Scan# 2309
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.3	23.0	34.6
249	31.9	25.8	38.6





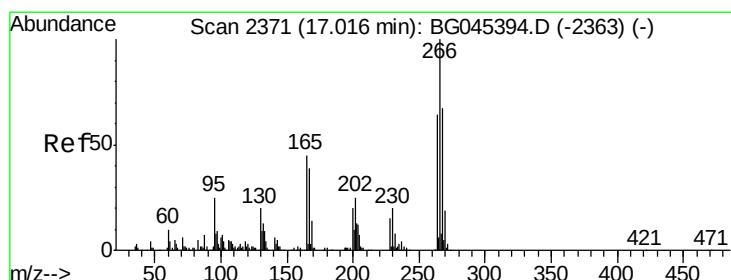
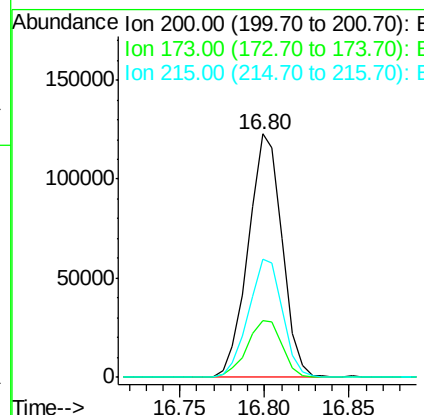
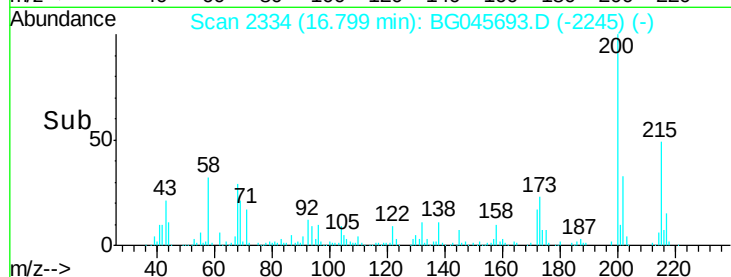
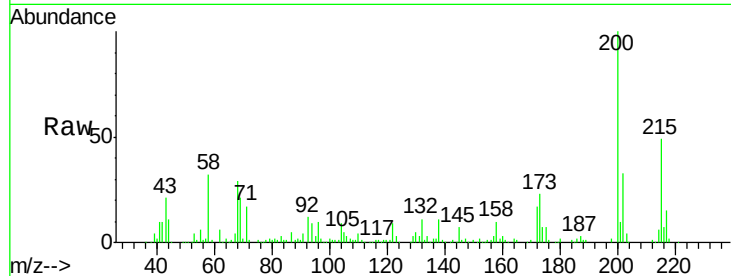
#69
Atrazine
Concen: 48.783 ng
RT: 16.80 min Scan# 2334
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Instrument :
BNA_G
ClientSampleId :
PB129457BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	23.2	5.5	45.5
215	48.7	28.2	68.2

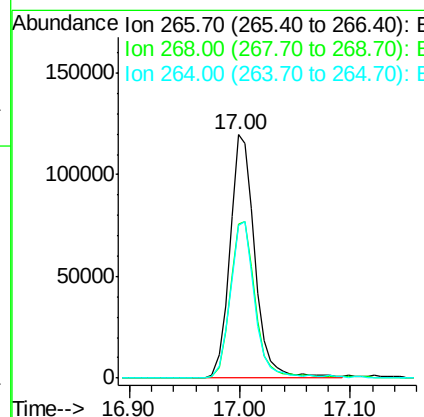
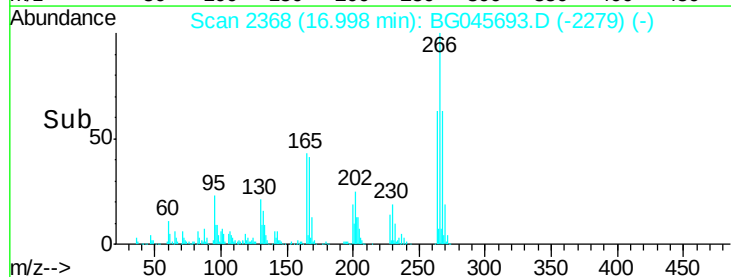
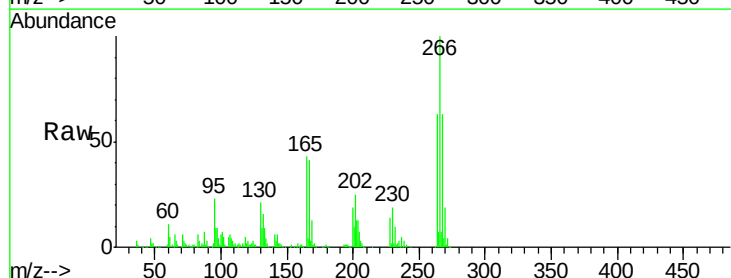
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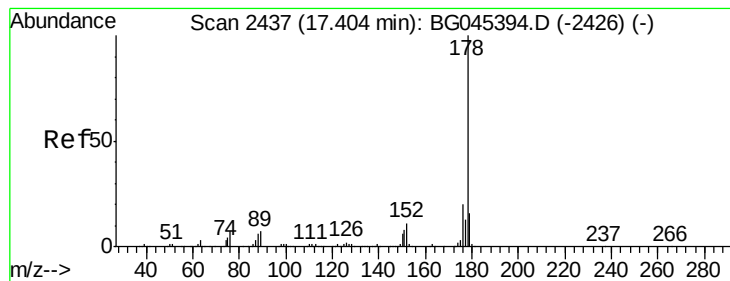
mohammad
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#70
Pentachlorophenol
Concen: 90.681 ng
RT: 17.00 min Scan# 2368
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.5	53.2	79.8
264	62.6	51.0	76.4





#71

Phenanthrene

Concen: 52.124 ng

RT: 17.38 min Scan# 2433

Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Instrument :

BNA_G

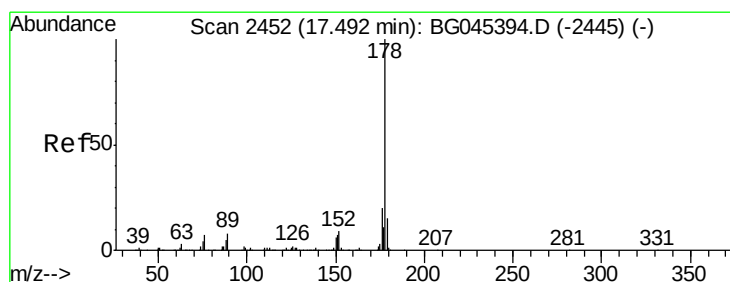
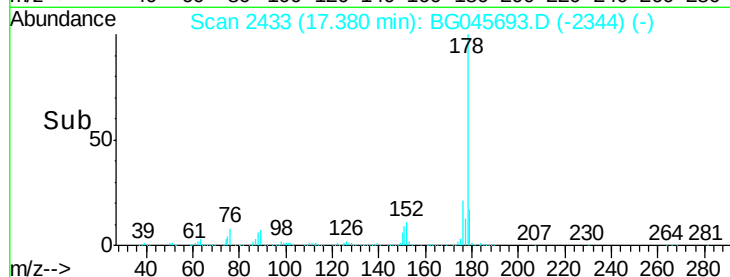
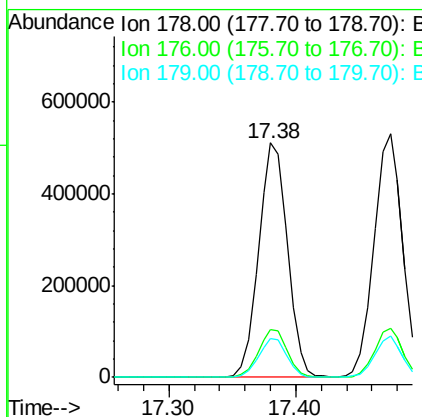
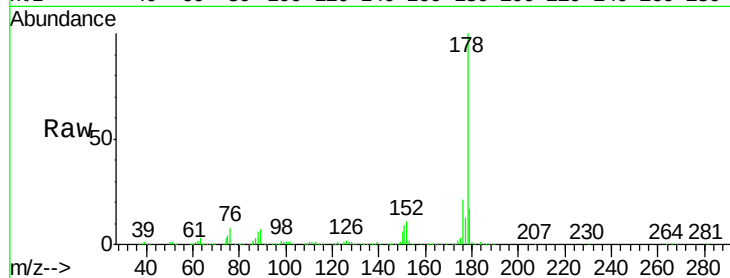
ClientSampleId :

PB129457BSD

Tot Ion:178	Resp:	809944
Ion Ratio	Lower	Upper
178	100	
176	20.6	16.2 24.4
179	16.8	13.1 19.7

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#72

Anthracene

Concen: 53.471 ng

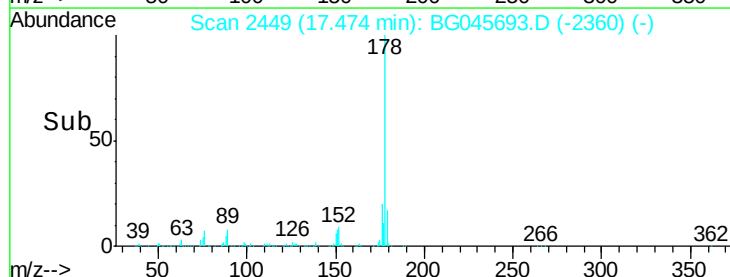
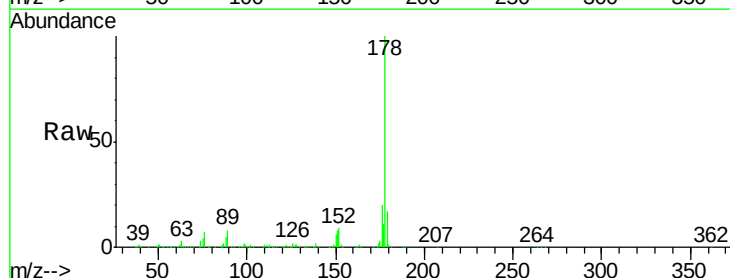
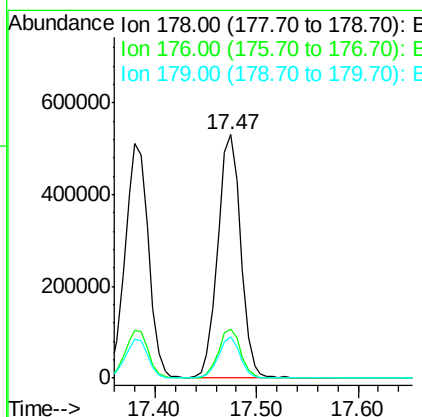
RT: 17.47 min Scan# 2449

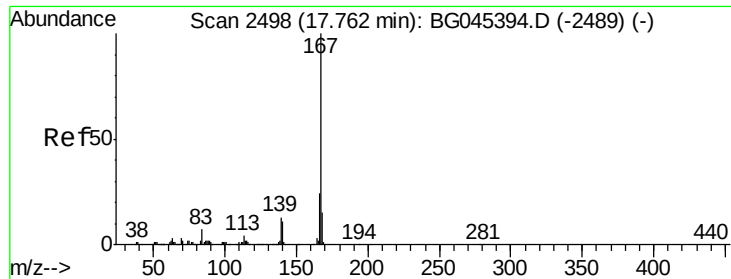
Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Tgt Ion:178	Resp:	834400
Ion Ratio	Lower	Upper
178	100	
176	20.0	15.8 23.6
179	17.2	12.2 18.4





#73

Carbazole

Concen: 49.916 ng

RT: 17.74 min Scan# 2495

Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Instrument :

BNA_G

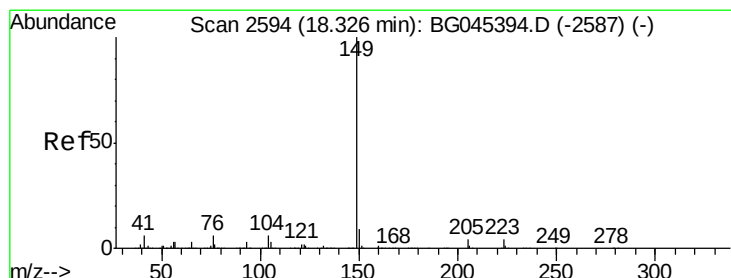
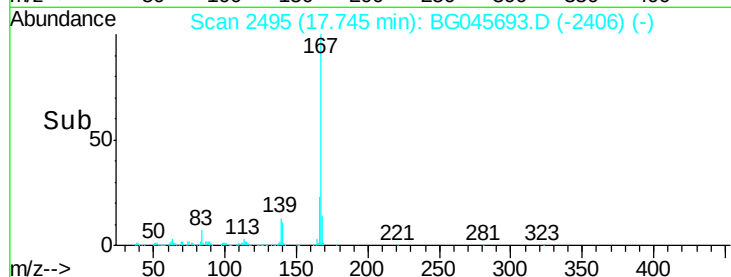
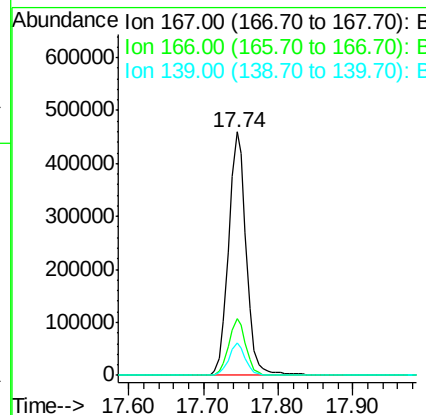
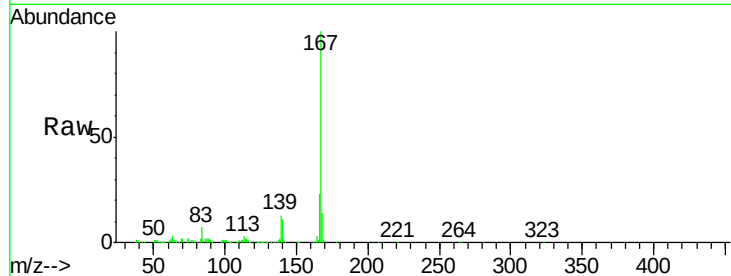
ClientSampleId :

PB129457BSD

Tot Ion:	167	Resp:	759255
Ion Ratio	Lower	Upper	
167	100		
166	23.2	19.2	28.8
139	13.1	10.6	16.0

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#74

Di-n-butylphthalate

Concen: 49.731 ng

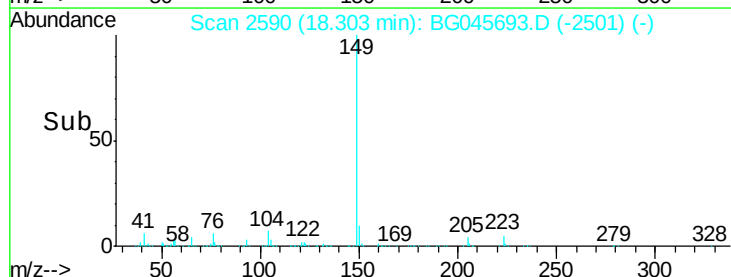
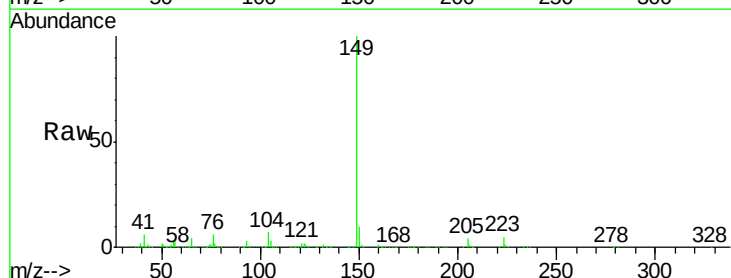
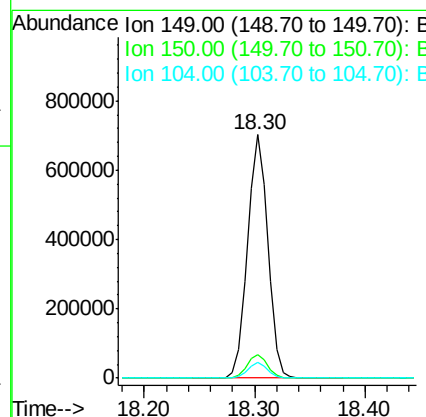
RT: 18.30 min Scan# 2590

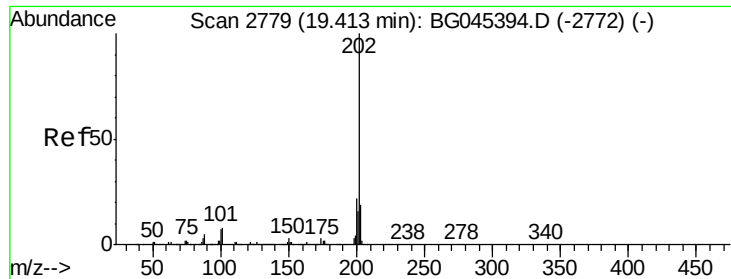
Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Tgt Ion:	149	Resp:	907921
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.6	11.4
104	6.5	5.0	7.4





#75

Fluoranthene

Concen: 51.372 ng

RT: 19.40 min Scan# 2776

Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Instrument :

BNA_G

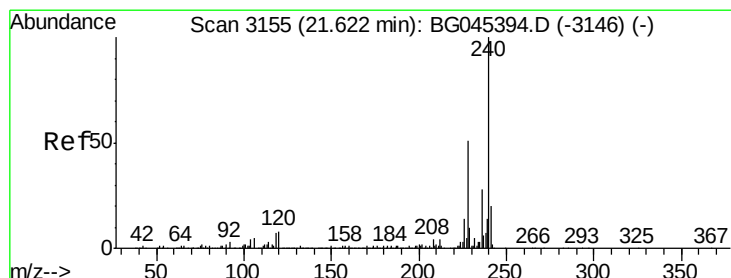
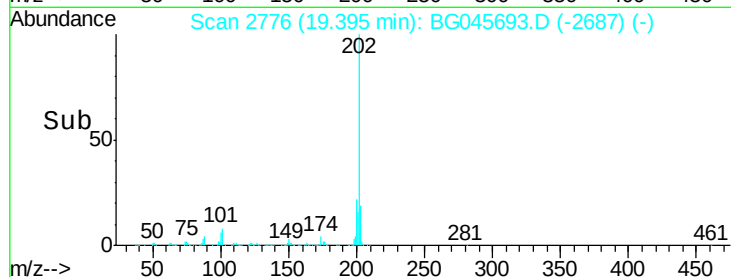
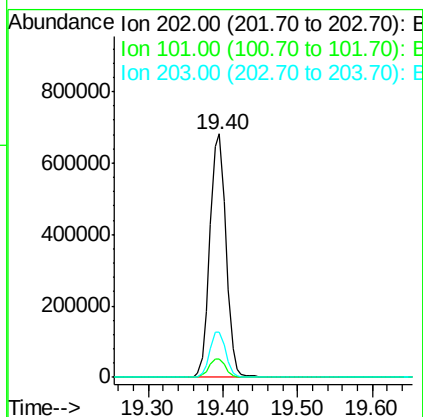
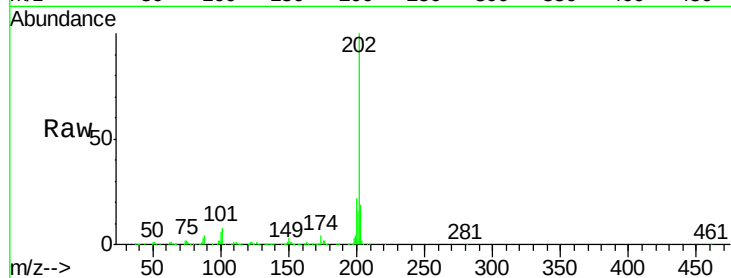
ClientSampleId :

PB129457BSD

Tot Ion:	202	Resp:	1015331
Ion Ratio	Lower	Upper	
202	100		
101	7.7	0.0	28.3
203	18.8	0.0	39.0

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#76

Chrysene-d12

Concen: 20.000 ng

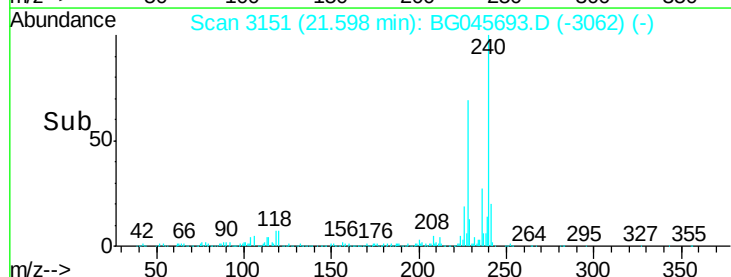
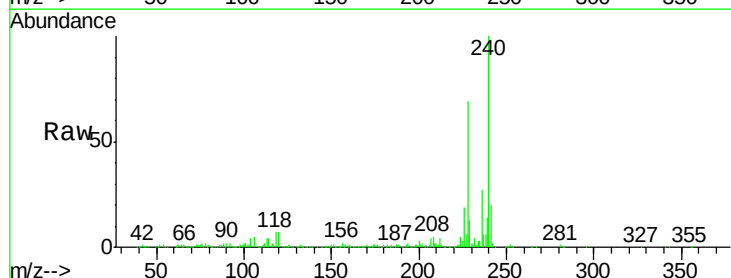
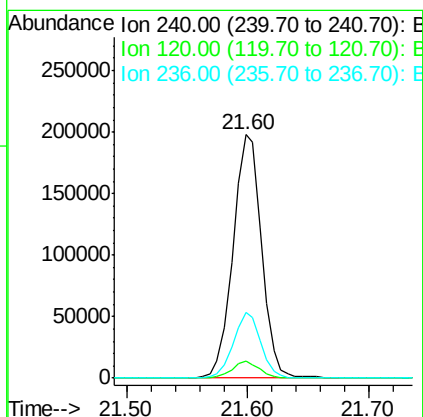
RT: 21.60 min Scan# 3151

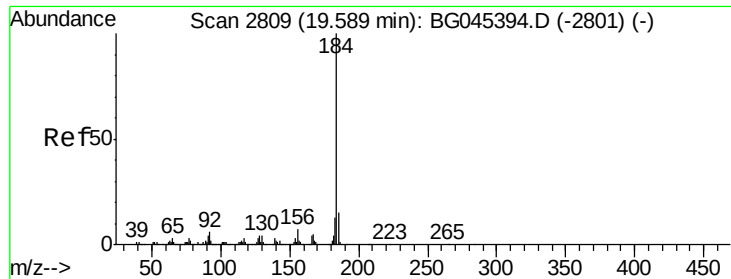
Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Tgt Ion:	240	Resp:	325437
Ion Ratio	Lower	Upper	
240	100		
120	7.2	6.1	9.1
236	27.0	22.3	33.5





#77

Benzidine

Concen: 48.606 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Instrument :

BNA_G

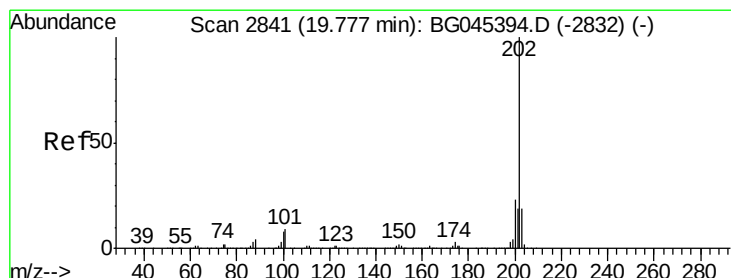
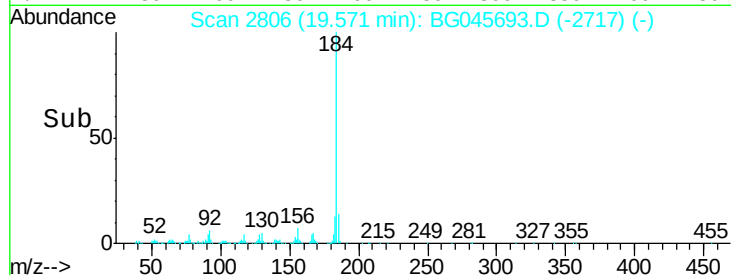
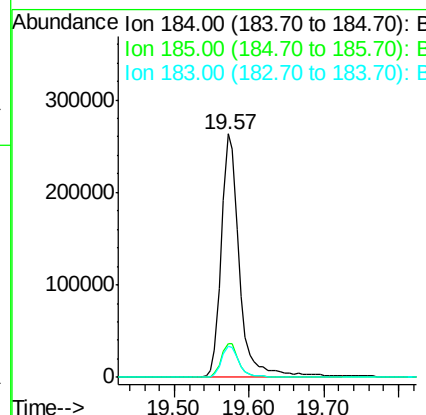
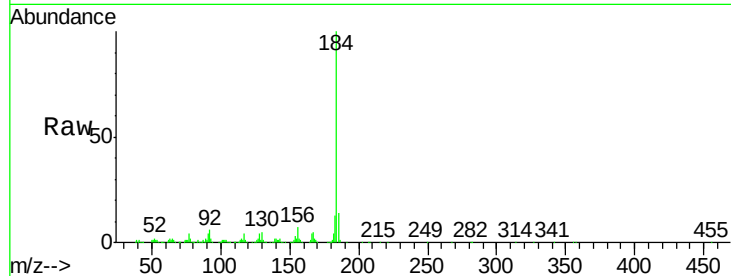
ClientSampleId :

PB129457BSD

Tot Ion:	184	Resp:	444259
Ion Ratio	Lower	Upper	
184	100		
185	14.0	11.7	17.5
183	12.9	10.2	15.4

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#78

Pyrene

Concen: 53.194 ng

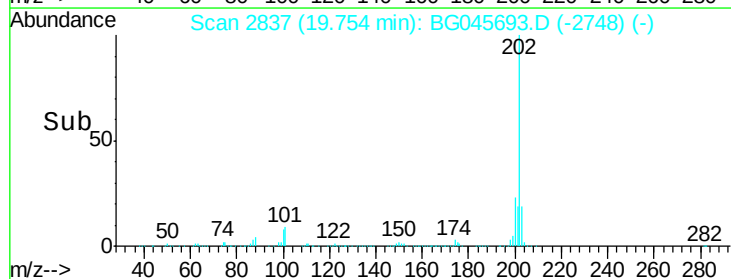
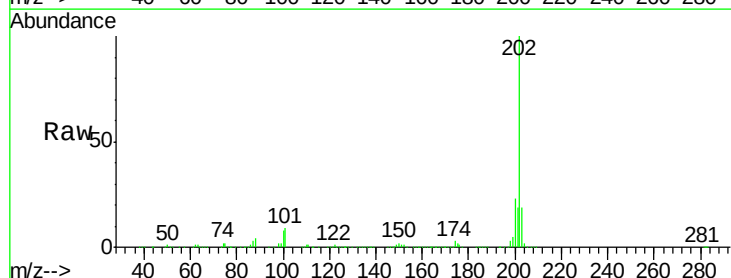
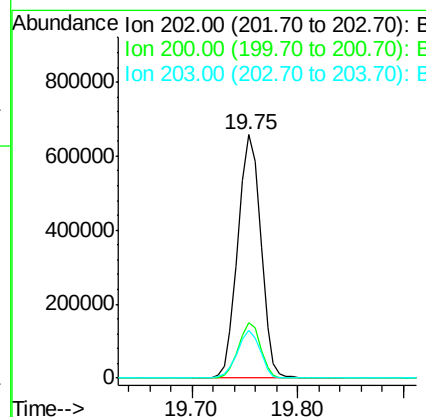
RT: 19.75 min Scan# 2837

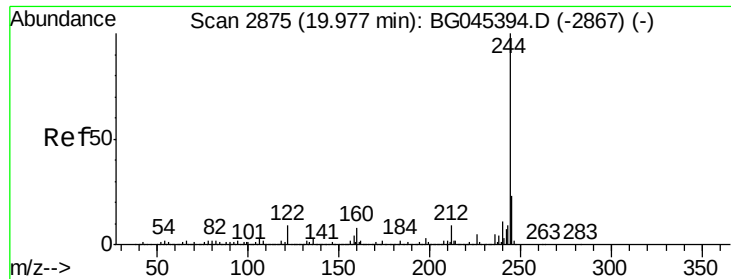
Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Tgt Ion:	202	Resp:	986820
Ion Ratio	Lower	Upper	
202	100		
200	22.6	18.2	27.2
203	19.4	15.1	22.7





#79

Terphenyl-d14

Concen: 106.039 ng

RT: 19.95 min Scan# 2871

Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Instrument :

BNA_G

ClientSampleId :

PB129457BSD

Tot Ion:244 Resp: 1479612

Ion Ratio Lower Upper

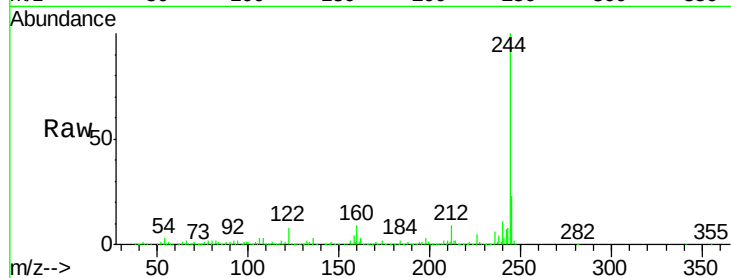
244 100

212 9.2 7.4 11.0

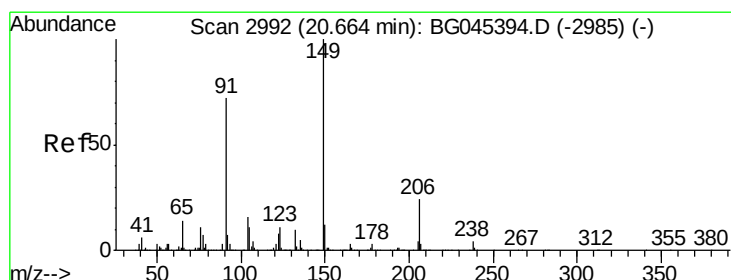
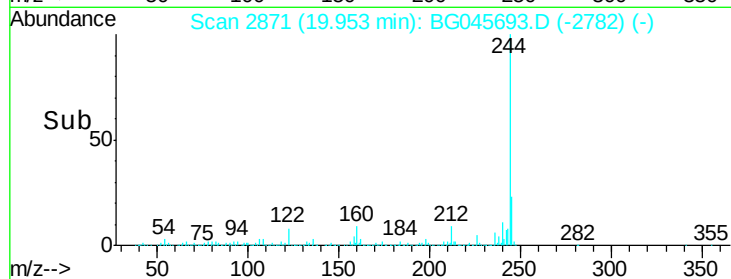
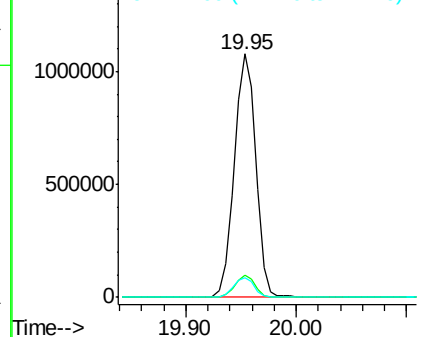
122 8.1 6.8 10.2

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 49.753 ng

RT: 20.64 min Scan# 2988

Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

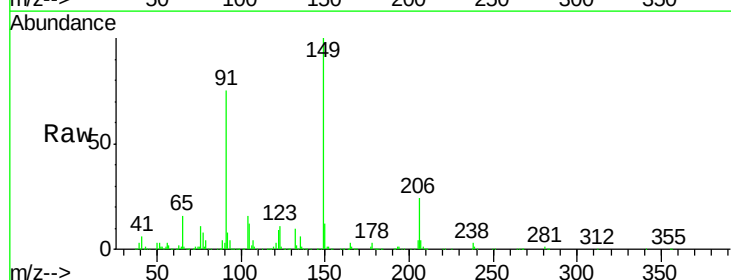
Tgt Ion:149 Resp: 398386

Ion Ratio Lower Upper

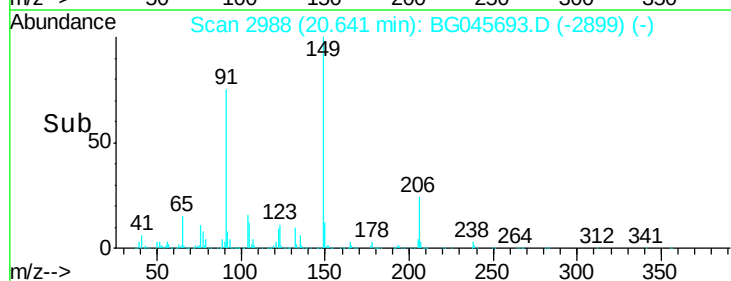
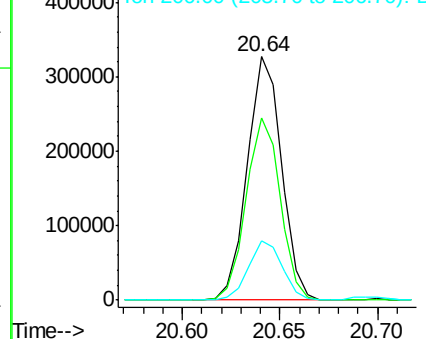
149 100

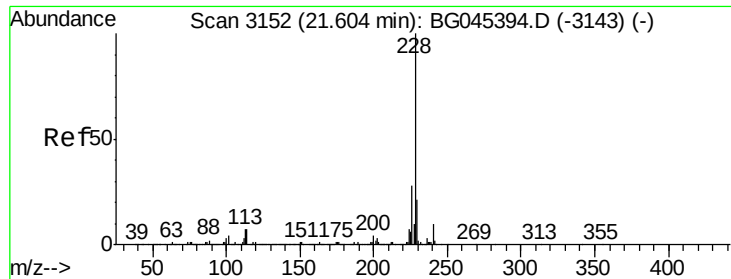
91 75.0 57.8 86.6

206 24.3 19.1 28.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): E
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 52.480 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Instrument :

BNA_G

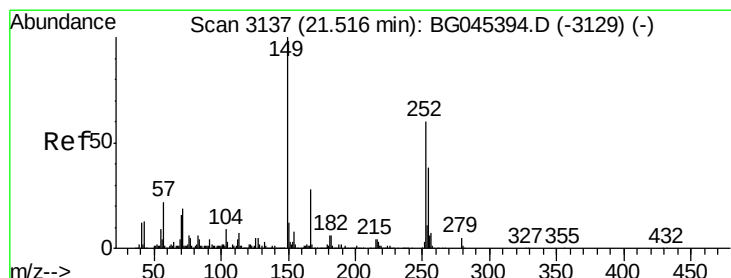
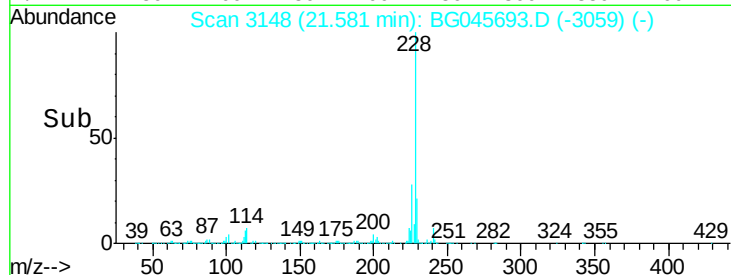
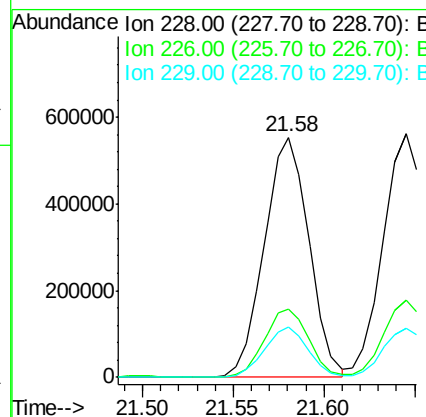
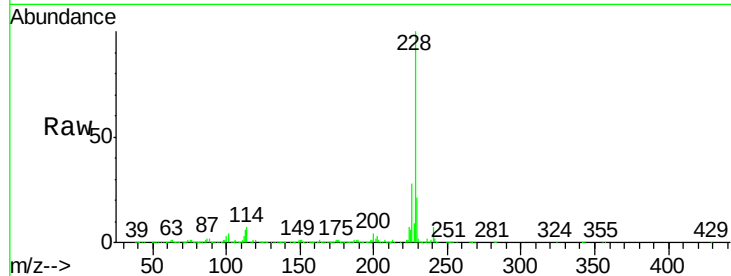
ClientSampleId :

PB129457BSD

Tot Ion:	228	Resp:	951416
Ion Ratio	Lower	Upper	
228	100		
226	28.5	22.7	34.1
229	20.7	16.7	25.1

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 34.453 ng

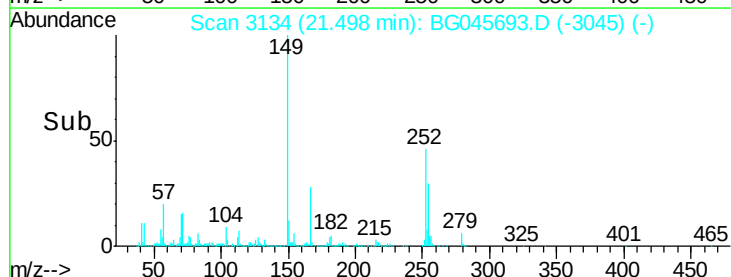
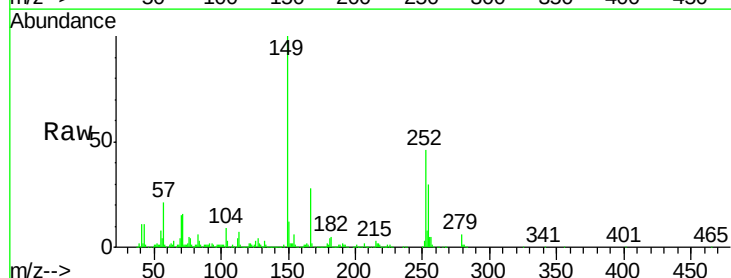
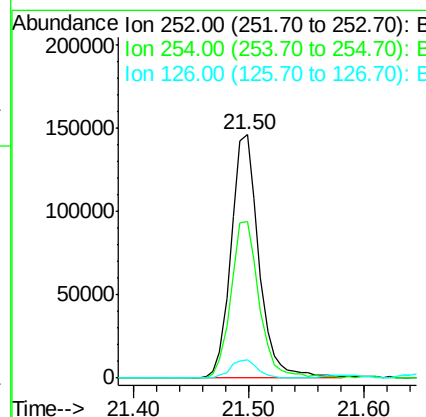
RT: 21.50 min Scan# 3134

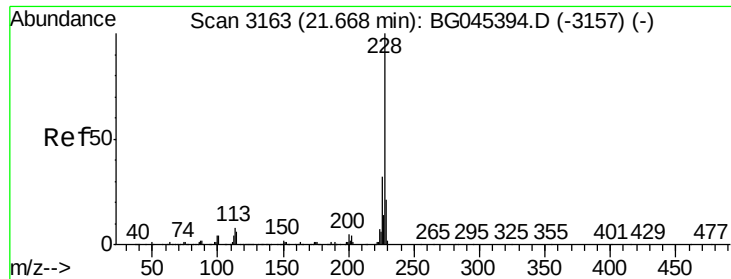
Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Tgt Ion:	252	Resp:	245004
Ion Ratio	Lower	Upper	
252	100		
254	64.5	51.3	76.9
126	7.4	6.6	10.0





#83

Chrysene

Concen: 53.369 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Instrument :

BNA_G

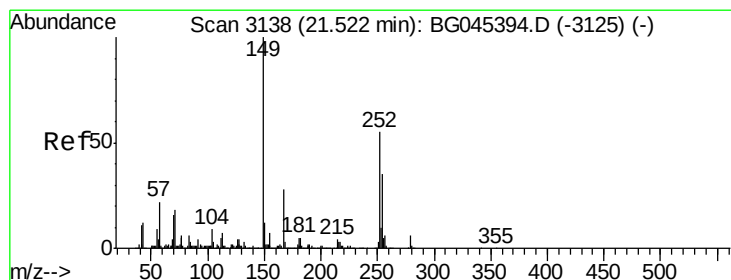
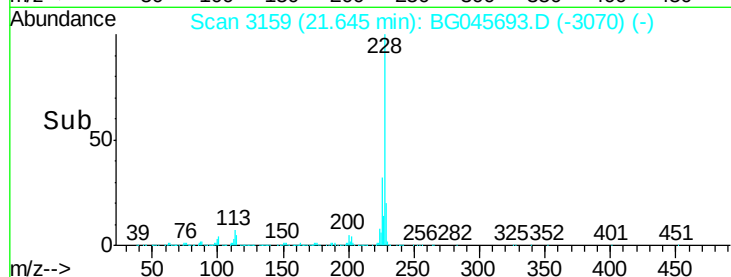
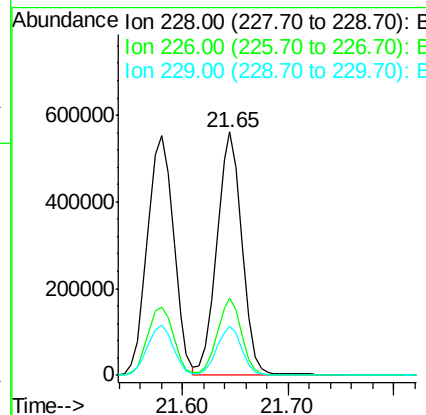
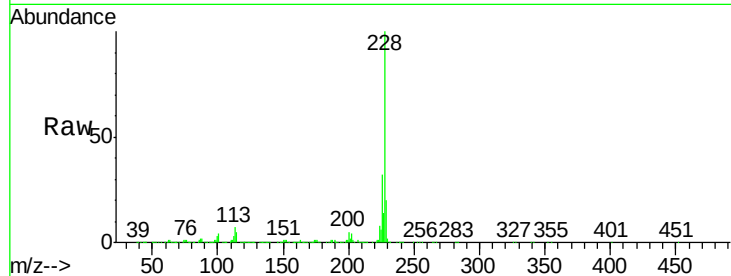
ClientSampleId :

PB129457BSD

Tot Ion:	228	Resp:	930318
Ion Ratio	Lower	Upper	
228	100		
226	31.6	25.2	37.8
229	20.2	16.7	25.1

Manual Integrations
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#84

Bis(2-ethylhexyl)phthalate

Concen: 51.752 ng

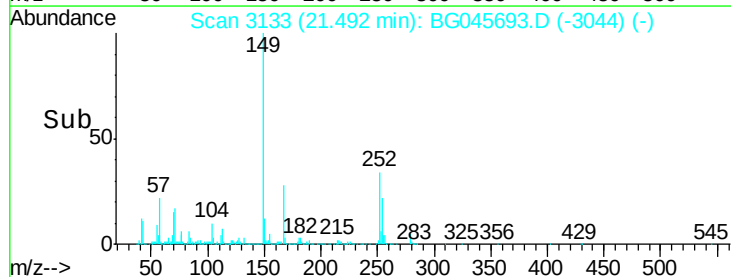
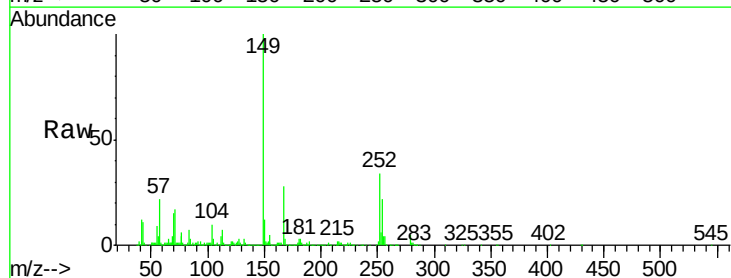
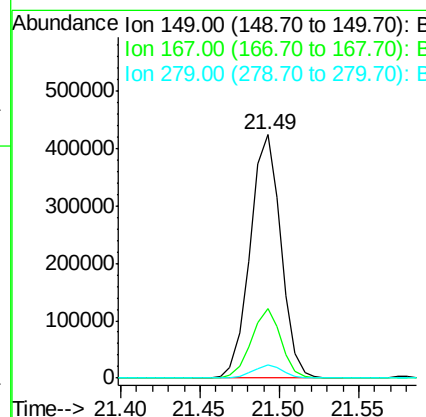
RT: 21.49 min Scan# 3133

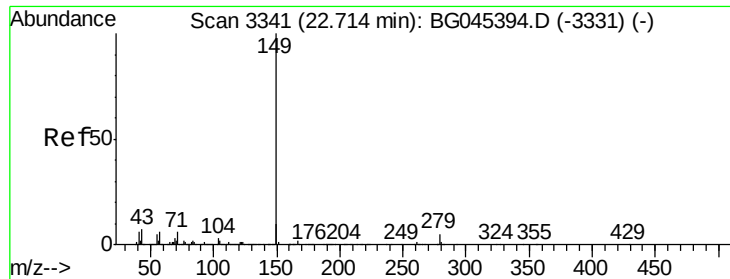
Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Tgt Ion:	149	Resp:	569640
Ion Ratio	Lower	Upper	
149	100		
167	28.4	22.2	33.2
279	5.5	4.7	7.1





#85

Di-n-octyl phthalate

Concen: 51.246 ng

RT: 22.67 min Scan# 3334

Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Instrument :

BNA_G

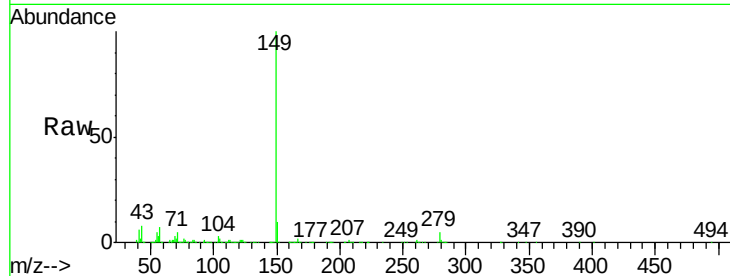
ClientSampleId :

PB129457BSD

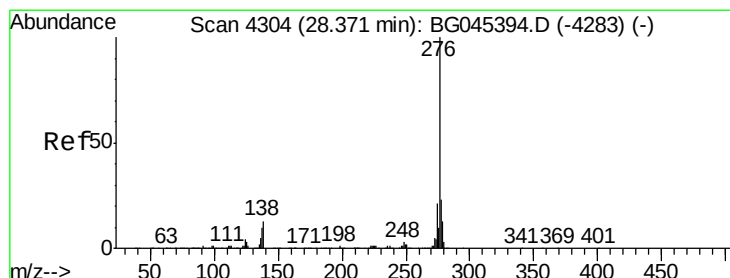
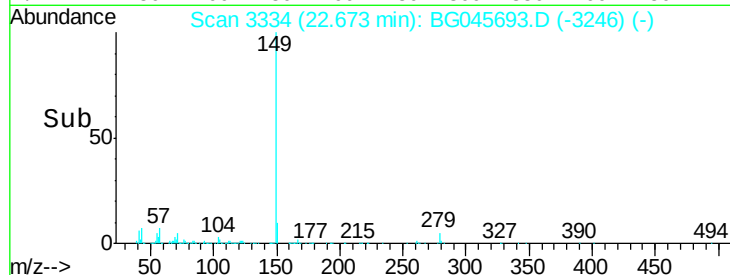
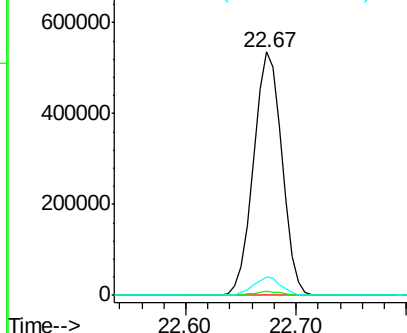
Tot Ion:	149	Resp:	968797
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.0
43	7.4	5.8	8.8

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 53.759 ng

RT: 28.31 min Scan# 4294

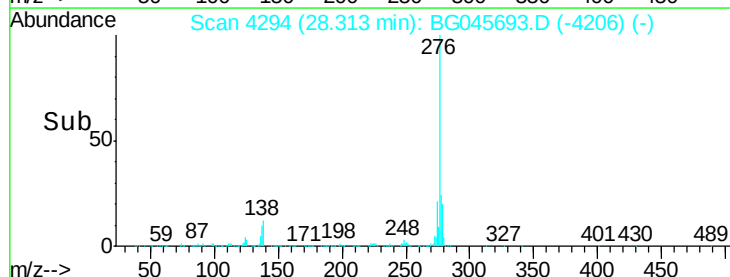
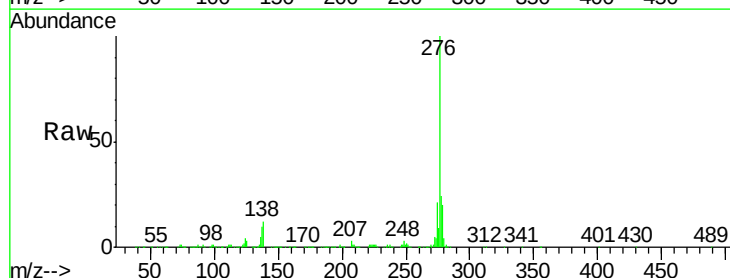
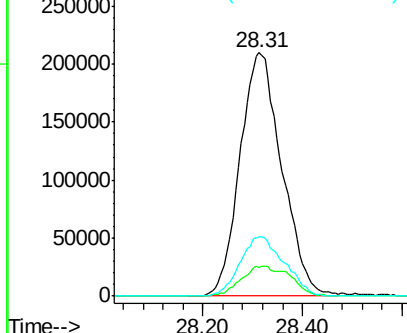
Delta R.T. -0.01 min

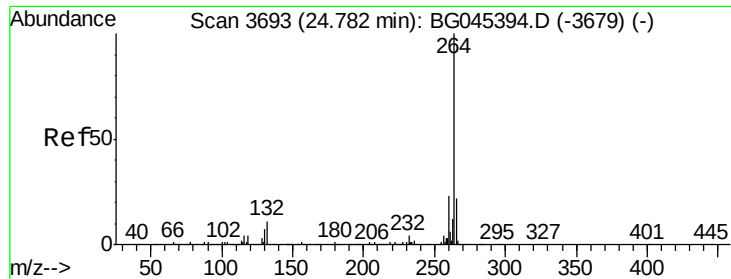
Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Tgt Ion:	276	Resp:	1225440
Ion Ratio	Lower	Upper	
276	100		
138	14.3	8.6	12.8#
277	25.7	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





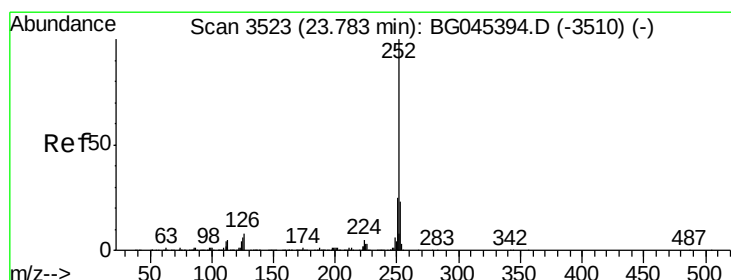
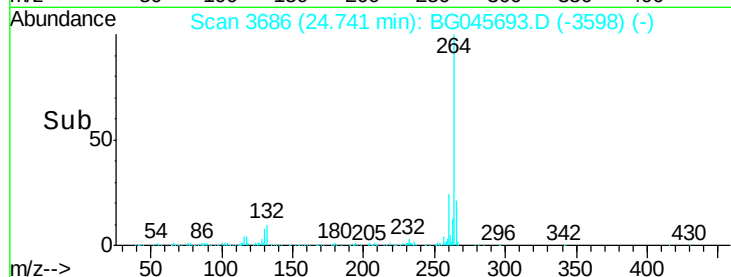
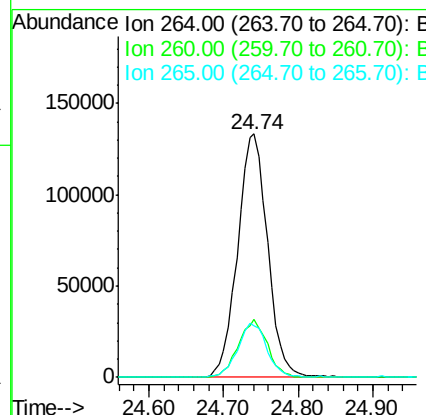
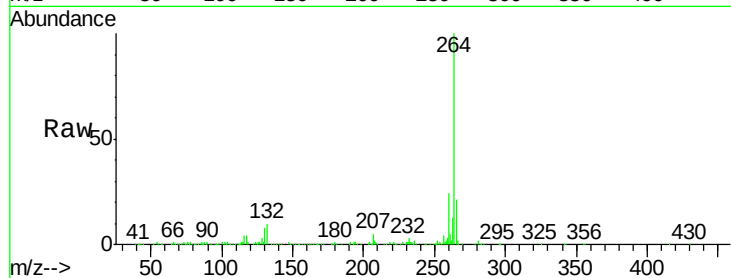
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.74 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Instrument :
BNA_G
ClientSampleId :
PB129457BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	21.0	17.6	26.4

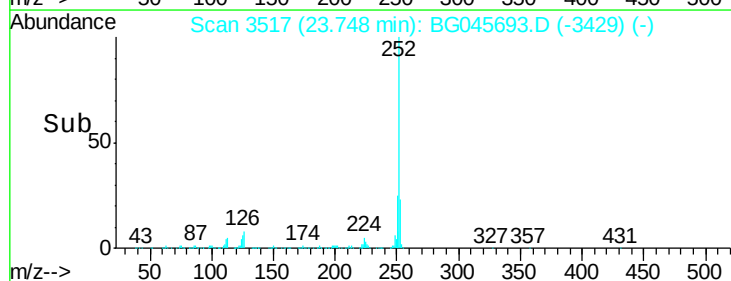
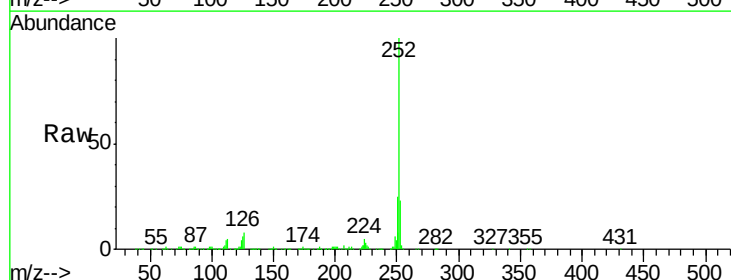
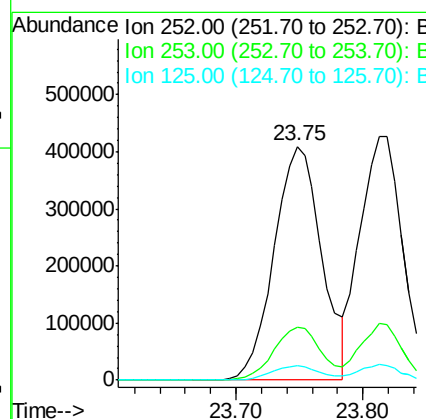
Manual Integrations
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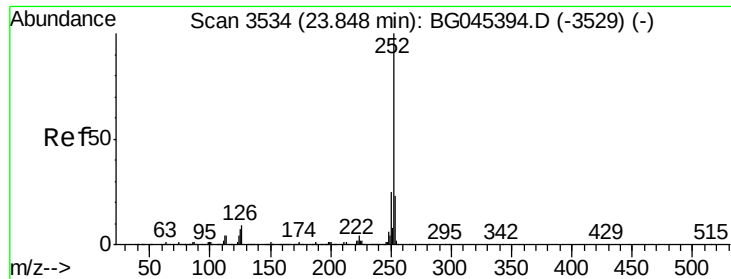
mohammad
6/11/2020 1:47:55 PM



#88
Benzo(b)fluoranthene
Concen: 53.582 ng
RT: 23.75 min Scan# 3517
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	6.4	5.0	7.6





#89

Benzo(k)fluoranthene

Concen: 52.954 ng

RT: 23.82 min Scan# 3529

Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Instrument :

BNA_G

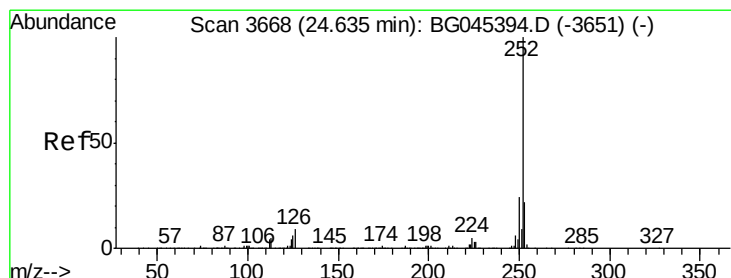
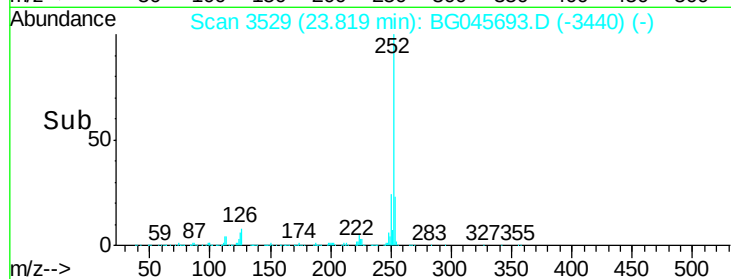
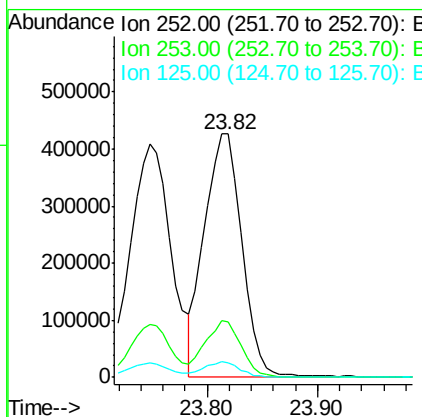
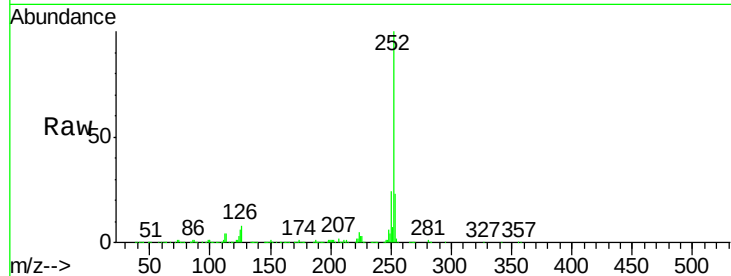
ClientSampleId :

PB129457BSD

Tot Ion:	252	Resp:	991706
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.4	27.6
125	6.1	5.7	8.5

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 51.699 ng

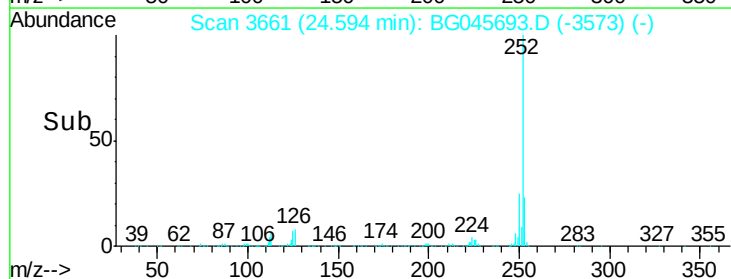
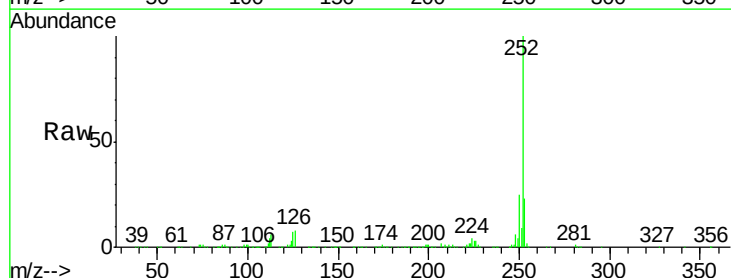
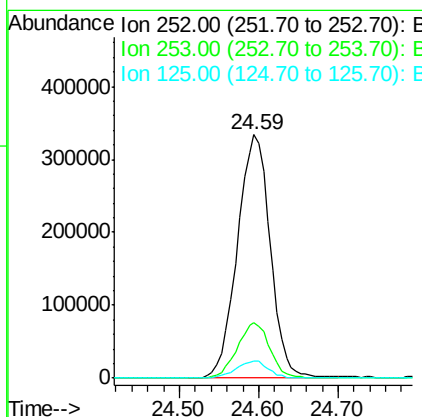
RT: 24.59 min Scan# 3661

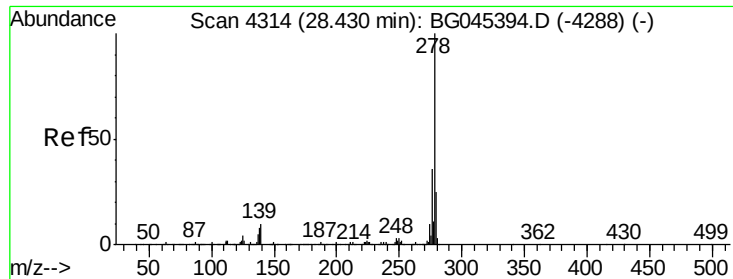
Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Tgt Ion:	252	Resp:	959797
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.2	25.8
125	7.0	5.0	7.6





#91

Dibenzo(a,h)anthracene

Concen: 52.630 ng

RT: 28.37 min Scan# 4303

Delta R.T. -0.02 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Instrument :

BNA_G

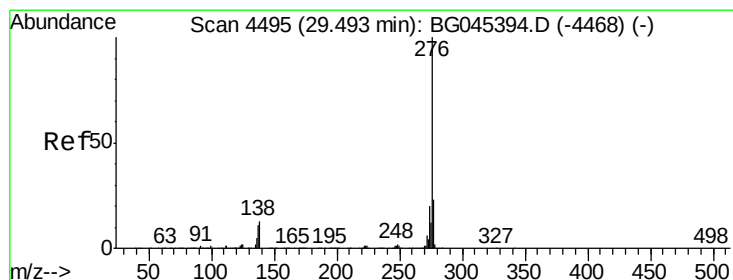
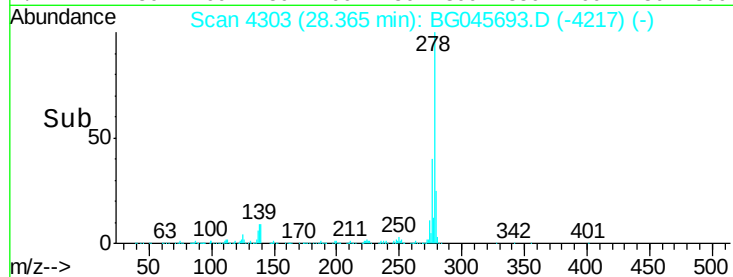
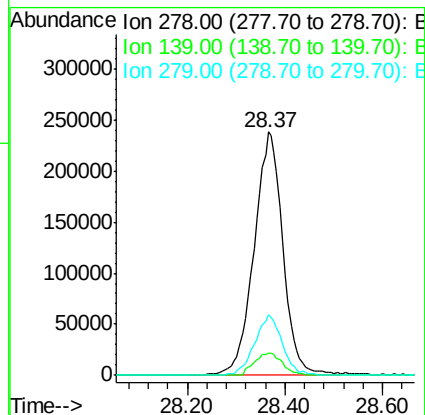
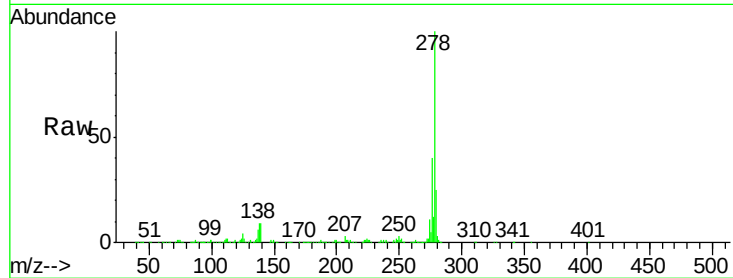
ClientSampleId :

PB129457BSD

Tot Ion:	278	Resp:	981876
Ion Ratio	Lower	Upper	
278	100		
139	8.8	7.8	11.8
279	24.7	19.8	29.8

Manual Integrations
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#92

Benzo(g,h,i)perylene

Concen: 52.865 ng

RT: 29.42 min Scan# 4482

Delta R.T. -0.02 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Tgt Ion:	276	Resp:	986375
Ion Ratio	Lower	Upper	
276	100		
277	24.5	18.1	27.1
138	11.7	10.2	15.4

