

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051520\
 Data File : BG045403.D
 Acq On : 15 May 2020 19:13
 Operator : CG/JU
 Sample : PB128906BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128906BS

Manual Integrations
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mohammad
 5/18/2020 1:31:07 PM

Quant Time: May 15 19:50:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 15:45:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	64355	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	249250	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	176744	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	422879	20.00	ng	0.00
76) Chrysene-d12	21.62	240	417745	20.00	ng	0.00
87) Perylene-d12	24.78	264	476570	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	465608	141.39	ng	0.00
7) Phenol-d6	7.14	99	643594	137.32	ng	0.00
23) Nitrobenzene-d5	9.13	82	409316	89.55	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	301176	133.24	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	929727	89.23	ng	0.00
79) Terphenyl-d14	19.98	244	1674739	93.50	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.41	88	62585	38.326	ng	98
3) Pyridine	3.81	79	142822	31.404	ng	98
4) n-Nitrosodimethylamine	3.72	42	63263	42.510	ng	95
6) Aniline	7.29	93	233806	38.214	ng	97
8) 2-Chlorophenol	7.54	128	171273	47.428	ng	99
9) Benzaldehyde	7.09	77	122895	40.245	ng	96
10) Phenol	7.17	94	225934	46.772	ng	98
11) bis(2-Chloroethyl)ether	7.38	93	159073	42.219	ng	97
12) 1,3-Dichlorobenzene	7.86	146	184904	42.608	ng	97
13) 1,4-Dichlorobenzene	8.00	146	188111	43.924	ng	96
14) 1,2-Dichlorobenzene	8.32	146	173890	42.216	ng	98
15) Benzyl Alcohol	8.20	79	174084	44.962	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.49	45	149541	41.812	ng	95
17) 2-Methylphenol	8.42	107	154470	42.723	ng	97
18) Hexachloroethane	9.06	117	71058	43.322	ng	95
19) n-Nitroso-di-n-propylamine	8.77	70	139002	42.888	ng	94
20) 3+4-Methylphenols	8.75	107	207019	42.047	ng	97
22) Acetophenone	8.79	105	258023	43.677	ng	# 99
24) Nitrobenzene	9.17	77	219388	44.800	ng	95
25) Isophorone	9.69	82	396964	44.100	ng	98
26) 2-Nitrophenol	9.88	139	96244	45.942	ng	96
27) 2,4-Dimethylphenol	9.95	122	162644	52.347	ng	97
28) bis(2-Chloroethoxy)methane	10.18	93	218182	46.218	ng	98
29) 2,4-Dichlorophenol	10.43	162	176048	47.982	ng	96
30) 1,2,4-Trichlorobenzene	10.64	180	193058	44.529	ng	97
31) Naphthalene	10.82	128	521644	44.912	ng	99
32) Benzoic acid	10.10	122	80314	40.093	ng	94
33) 4-Chloroaniline	10.93	127	143603	29.578	ng	96
34) Hexachlorobutadiene	11.12	225	129346	42.206	ng	97
35) Caprolactam	11.69	113	61331m	45.541	ng	
36) 4-Chloro-3-methylphenol	12.06	107	198509	48.014	ng	95
37) 2-Methylnaphthalene	12.43	142	397836	45.955	ng	98
38) 1-Methylnaphthalene	12.65	142	372376	45.536	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	218766	44.314	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	290337	101.894	ng	97
43) 2,4,6-Trichlorophenol	13.05	196	155848	45.445	ng	100
44) 2,4,5-Trichlorophenol	13.12	196	164548	41.989	ng	99
46) 1,1'-Biphenyl	13.44	154	505240	46.522	ng	99
47) 2-Chloronaphthalene	13.49	162	386351	43.810	ng	98
48) 2-Nitroaniline	13.69	65	127580	43.979	ng	93
49) Acenaphthylene	14.33	152	641740	45.304	ng	99
50) Dimethylphthalate	14.07	163	529773	43.694	ng	99
51) 2,6-Dinitrotoluene	14.18	165	120356	43.991	ng	97
52) Acenaphthene	14.68	154	478745m	50.490	ng	
53) 3-Nitroaniline	14.51	138	88516	31.827	ng	94
54) 2,4-Dinitrophenol	14.72	184	151297	84.118	ng	97
55) Dibenzofuran	15.01	168	618521	43.926	ng	97
56) 4-Nitrophenol	14.84	139	193324	91.814	ng	91
57) 2,4-Dinitrotoluene	14.97	165	172431	43.518	ng	97
58) Fluorene	15.66	166	514167	44.447	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.24	232	155750	45.175	ng	98
60) Diethylphthalate	15.43	149	554928	43.973	ng	98
61) 4-Chlorophenyl-phenylether	15.65	204	282638	42.696	ng	99
62) 4-Nitroaniline	15.68	138	119981	41.324	ng	98
63) Azobenzene	15.95	77	521094	44.284	ng	99
65) 4,6-Dinitro-2-methylphenol	15.74	198	112859	45.825	ng	99
66) n-Nitrosodiphenylamine	15.87	169	458928	45.200	ng	95
67) 4-Bromophenyl-phenylether	16.55	248	195206	42.630	ng	98
68) Hexachlorobenzene	16.68	284	214689	44.826	ng	98
69) Atrazine	16.82	200	179978	43.036	ng	97
70) Pentachlorophenol	17.02	266	242315	97.440	ng	98
71) Phenanthrene	17.40	178	838609	45.426	ng	100
72) Anthracene	17.49	178	870001	46.928	ng	97
73) Carbazole	17.76	167	808174	44.722	ng	98
74) Di-n-butylphthalate	18.33	149	973754	44.894	ng	99
75) Fluoranthene	19.41	202	1084031	46.166	ng	99
77) Benzidine	19.59	184	592508	50.501	ng	100
78) Pyrene	19.77	202	1082608	45.463	ng	100
80) Butylbenzylphthalate	20.66	149	453611	44.132	ng	99
81) Benzo(a)anthracene	21.60	228	1062953	45.677	ng	99
82) 3,3'-Dichlorobenzidine	21.52	252	310575	34.023	ng	100
83) Chrysene	21.67	228	1017620	45.478	ng	99
84) Bis(2-ethylhexyl)phthalate	21.52	149	640509	45.332	ng	# 99
85) Di-n-octyl phthalate	22.71	149	1114091	45.909	ng	100
86) Indeno(1,2,3-cd)pyrene	28.37	276	1383656	47.287	ng	# 97
88) Benzo(b)fluoranthene	23.78	252	1175794	46.003	ng	98
89) Benzo(k)fluoranthene	23.85	252	1098855	45.762	ng	99
90) Benzo(a)pyrene	24.64	252	1072684	45.064	ng	98
91) Dibenzo(a,h)anthracene	28.43	278	1124669	47.017	ng	98
92) Benzo(g,h,i)perylene	29.49	276	1148505	48.007	ng	98

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

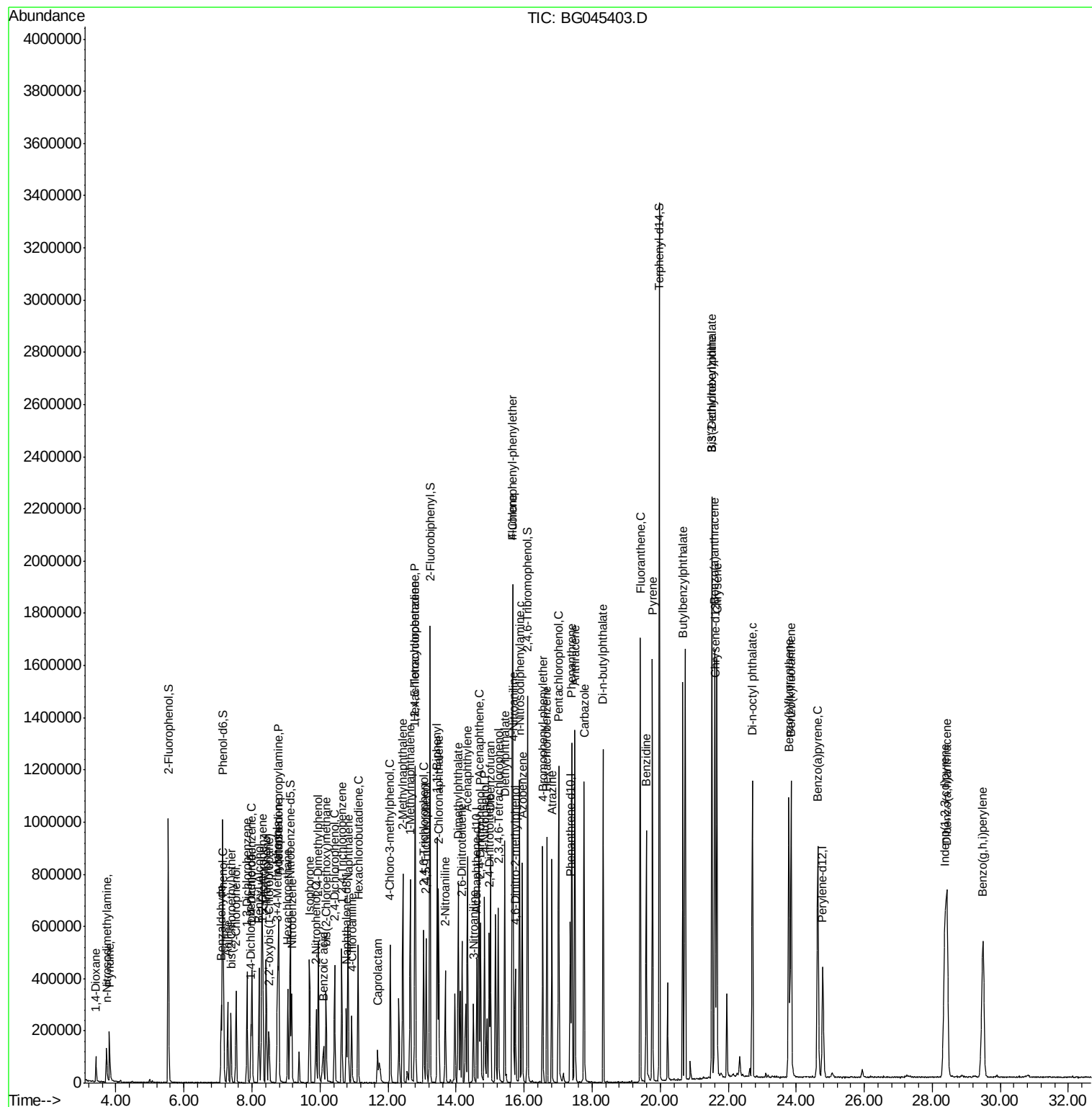
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051520\
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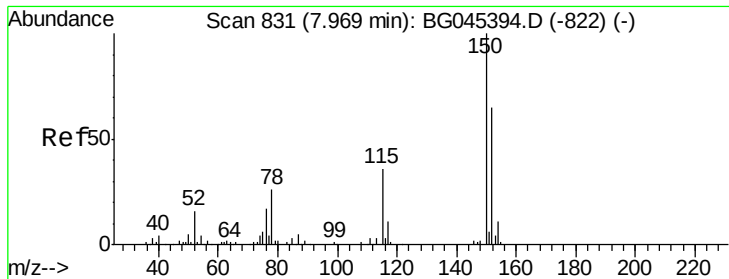
Instrument :
 BNA_G
 ClientSampleId :
 PB128906BS

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#1

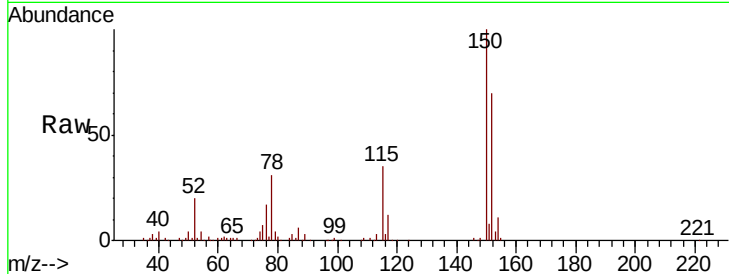
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Instrument :
BNA_G
ClientSampleId :
PB128906BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	142.2	122.4	183.6
115	49.6	44.2	66.4

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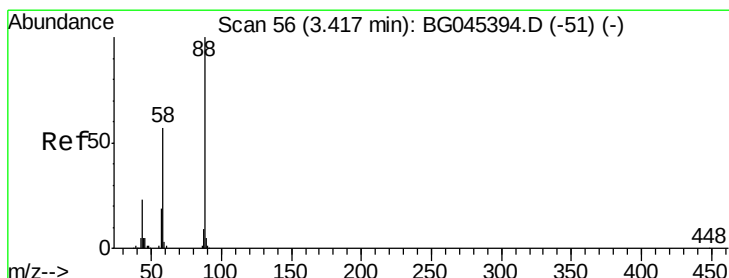
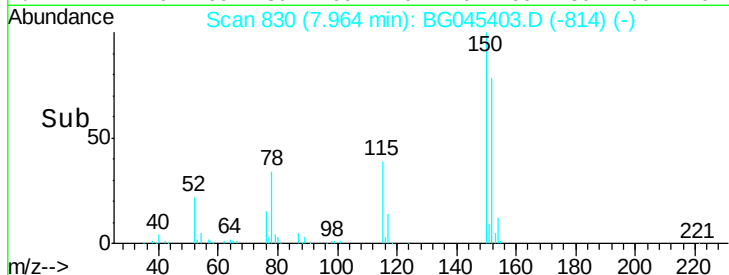
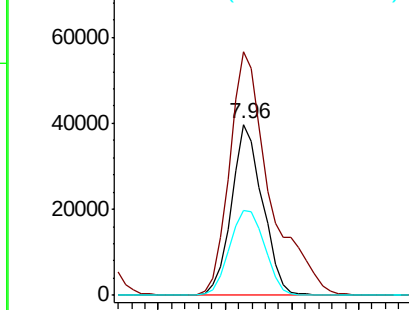


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

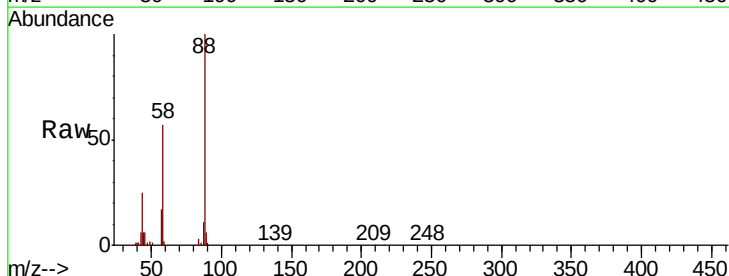
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.326 ng
RT: 3.41 min Scan# 55
Delta R.T. -0.01 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	57.7	45.7	68.5
43	22.8	16.8	25.2

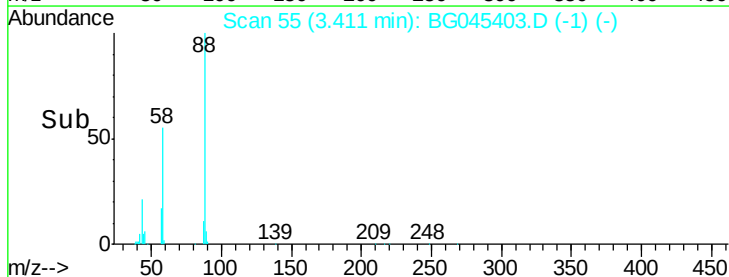
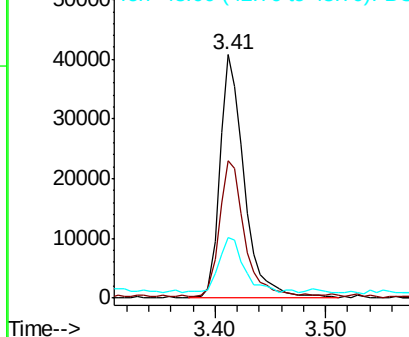


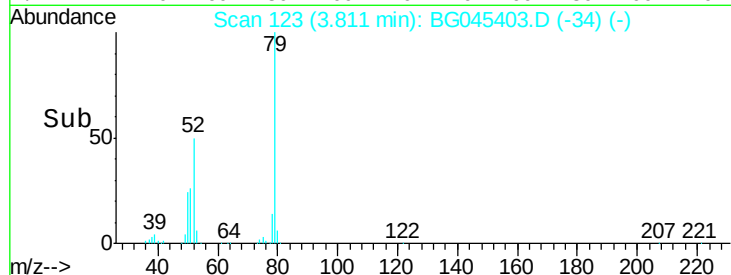
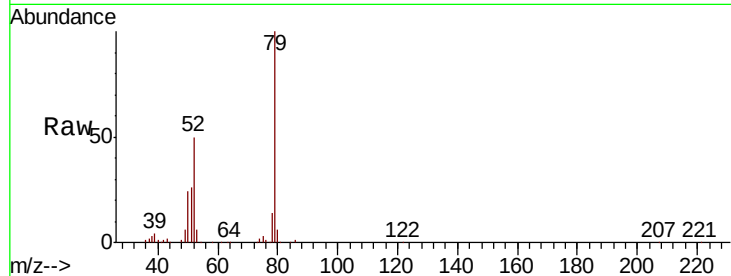
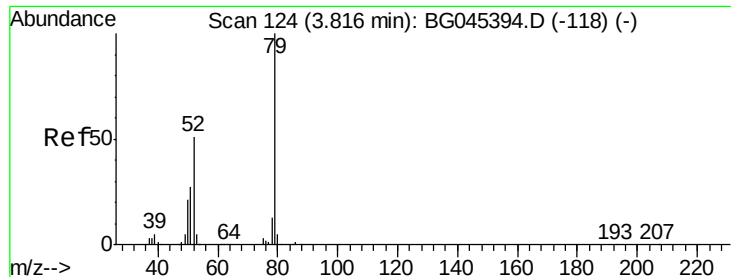
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





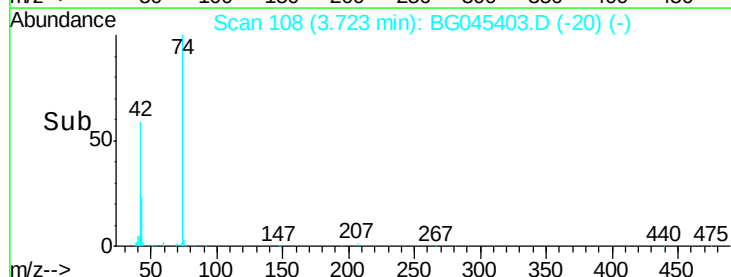
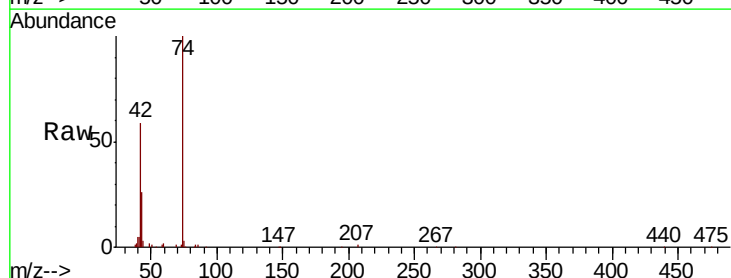
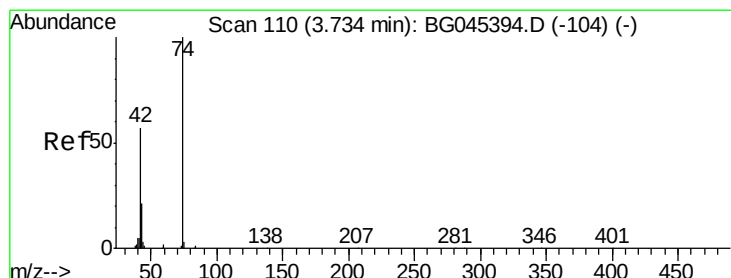
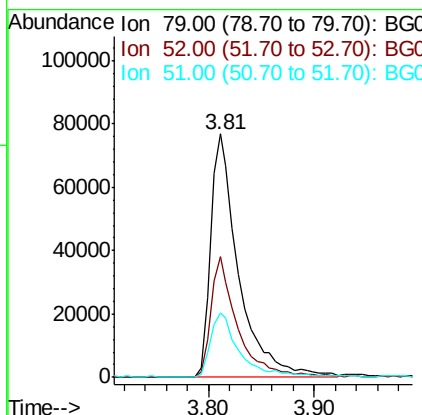
#3
 Pvridine
 Concen: 31.404 ng
 RT: 3.81 min Scan# 123
 Delta R.T. -0.01 min
 Lab File: BG045403.D
 Acq: 15 May 2020 19:13

Tot Ion:	79	Resp:	142822
Ion	Ratio	Lower	Upper
79	100		
52	49.5	40.8	61.2
51	26.4	21.9	32.9

Instrument :
 BNA_G
 ClientSampled :
 PB128906BS

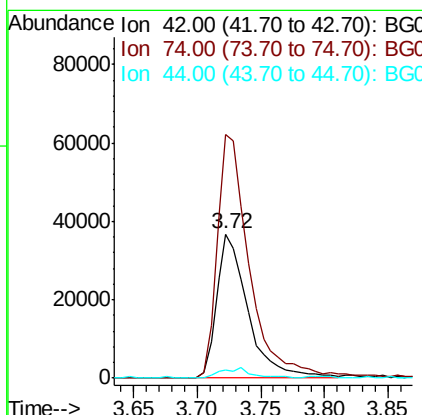
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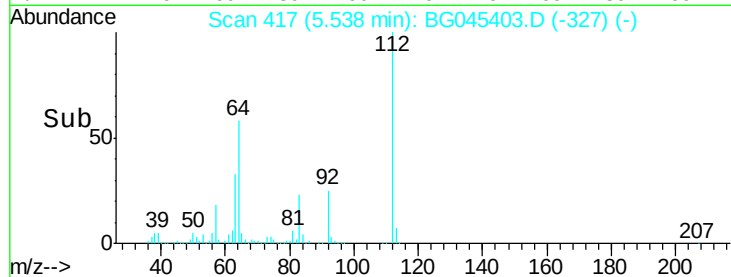
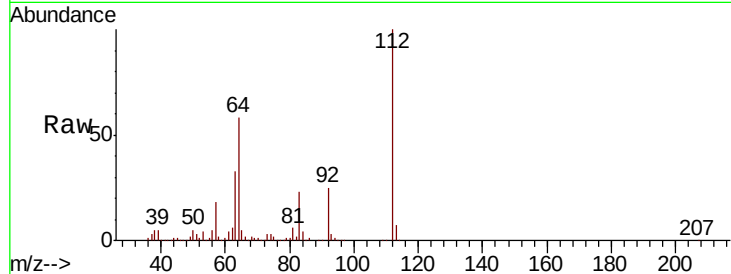
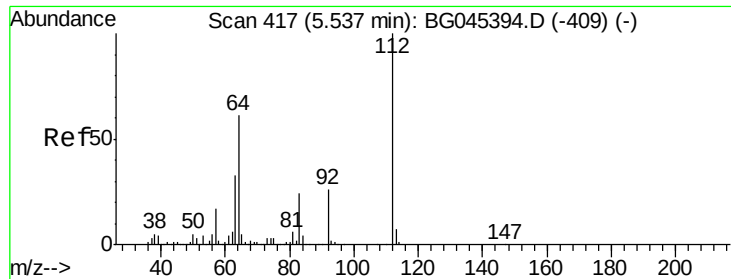
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#4
 n-Nitrosodimethylamine
 Concen: 42.510 ng
 RT: 3.72 min Scan# 108
 Delta R.T. -0.01 min
 Lab File: BG045403.D
 Acq: 15 May 2020 19:13

Tgt Ion:	42	Resp:	63263
Ion	Ratio	Lower	Upper
42	100		
74	168.8	141.3	211.9
44	5.3	4.2	6.4





#5

2-Fluorophenol

Concen: 141.393 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		465608		
64	57.5	48.6	72.8		
63	33.1	26.5	39.7		

Instrument :

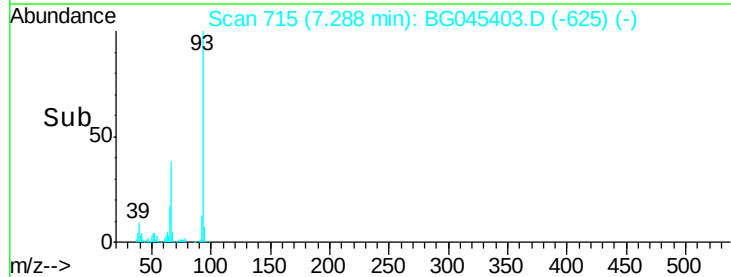
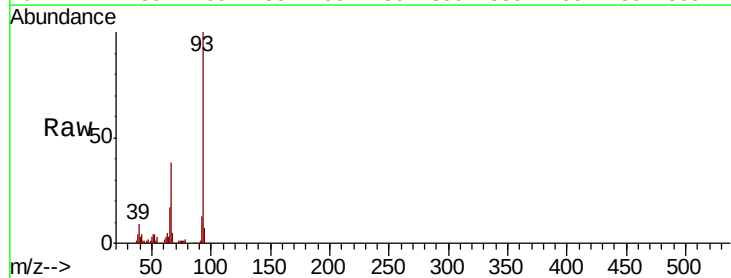
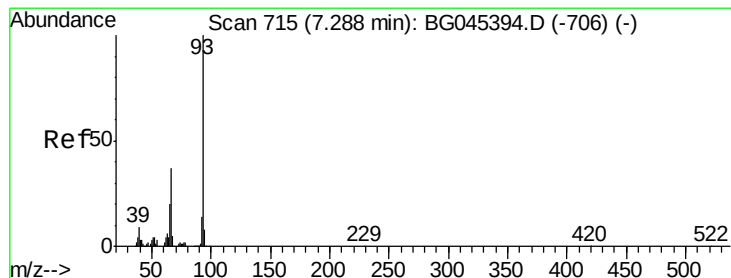
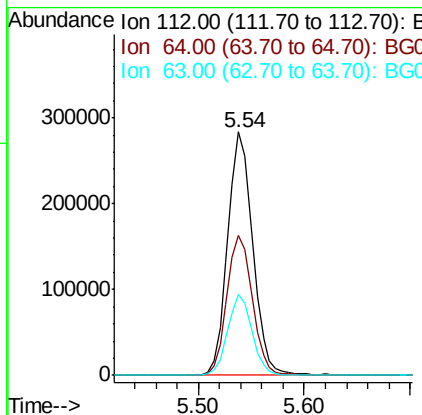
BNA_G

ClientSampleId :

PB128906BS

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#6

Aniline

Concen: 38.214 ng

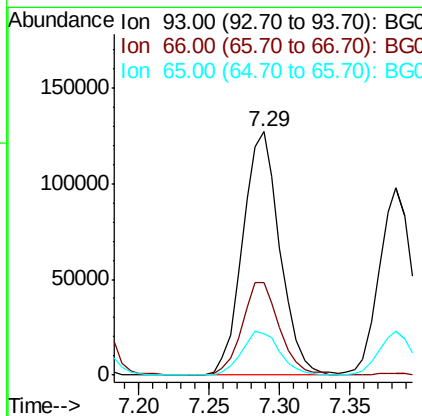
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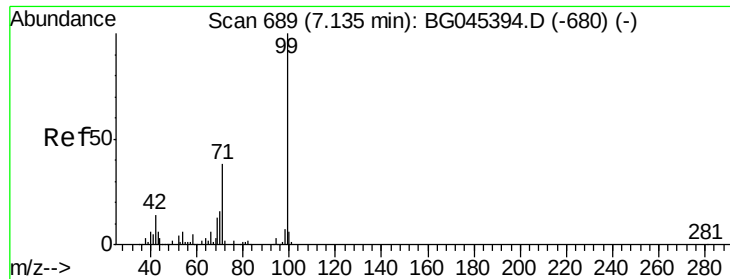
Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		233806		
66	38.0	29.6	44.4		
65	16.9	15.9	23.9		





#7

Phenol-d6

Concen: 137.317 ng

RT: 7.14 min Scan# 690

Delta R.T. 0.01 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

Instrument :

BNA_G

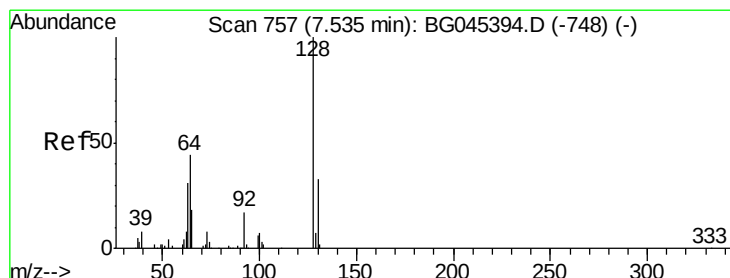
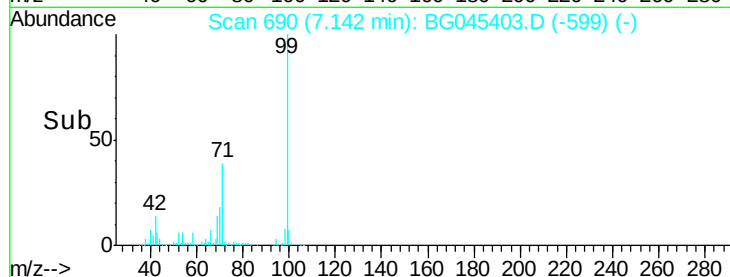
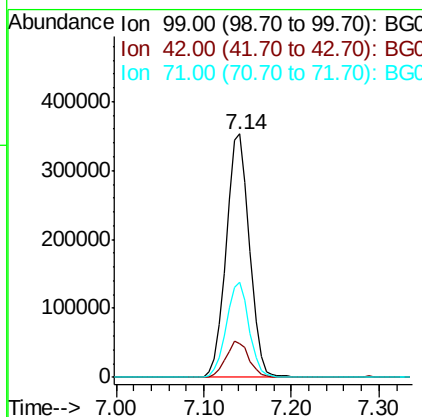
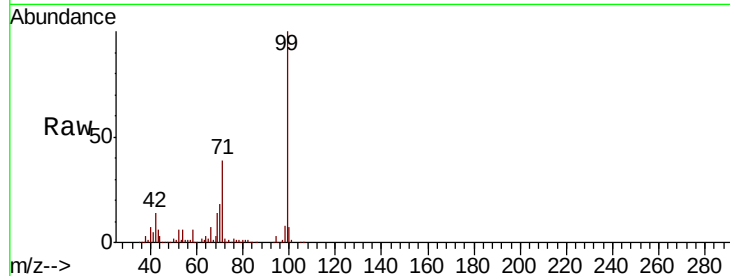
ClientSampleId :

PB128906BS

Tot Ion:	99	Resp:	643594
Ion Ratio	Lower	Upper	
99	100		
42	13.8	11.3	16.9
71	39.1	30.8	46.2

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#8

2-Chlorophenol

Concen: 47.428 ng

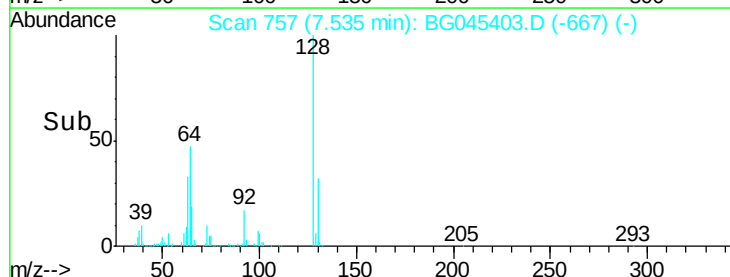
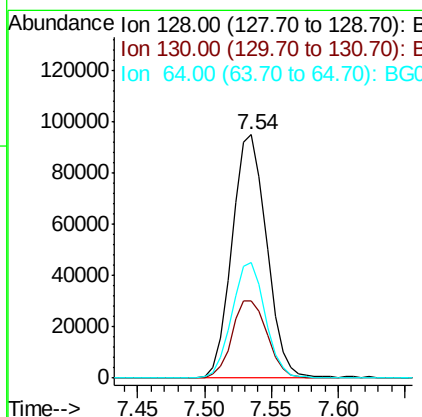
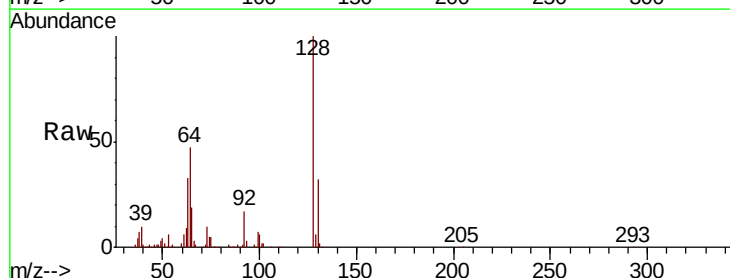
RT: 7.54 min Scan# 757

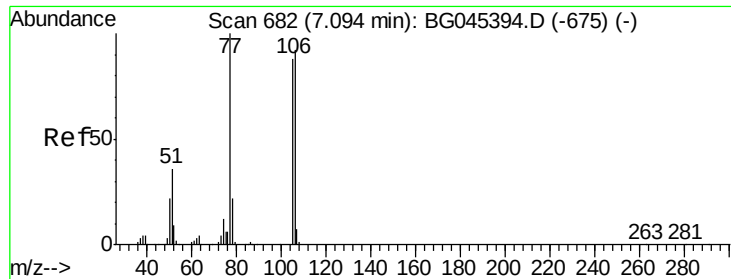
Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

Tgt Ion:	128	Resp:	171273
Ion Ratio	Lower	Upper	
128	100		
130	31.6	12.6	52.6
64	47.5	27.0	67.0





#9

Benzaldehyde

Concen: 40.245 ng

RT: 7.09 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

Instrument :

BNA_G

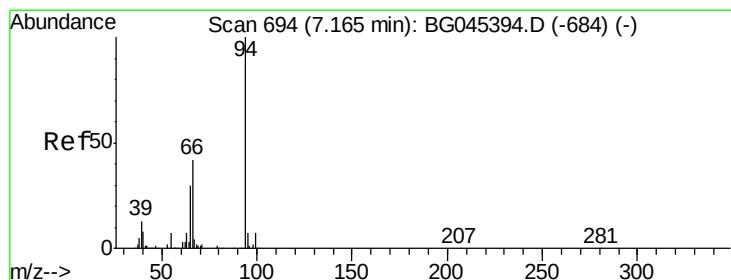
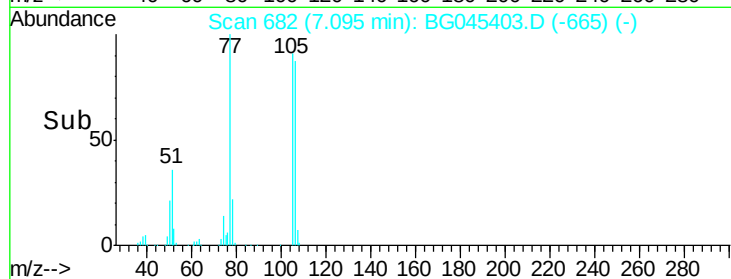
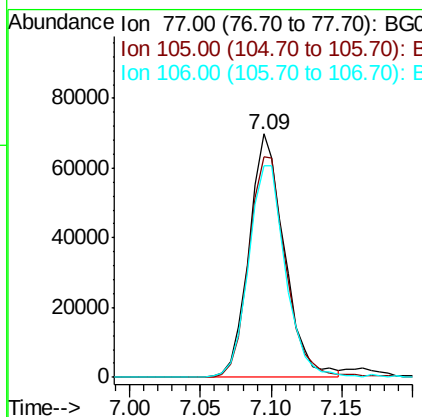
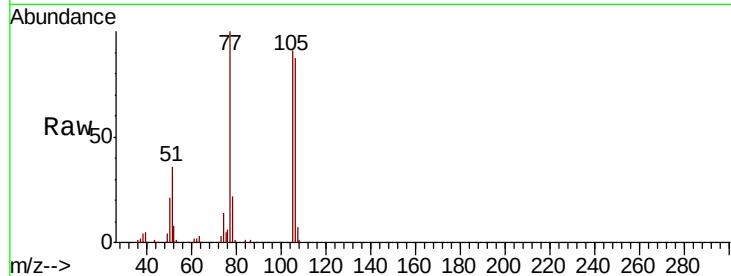
ClientSampleId :

PB128906BS

Tot Ion:	77	Resp:	122895
Ion Ratio	Lower	Upper	
77	100		
105	90.6	68.5	108.5
106	87.1	71.6	111.6

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#10

Phenol

Concen: 46.772 ng

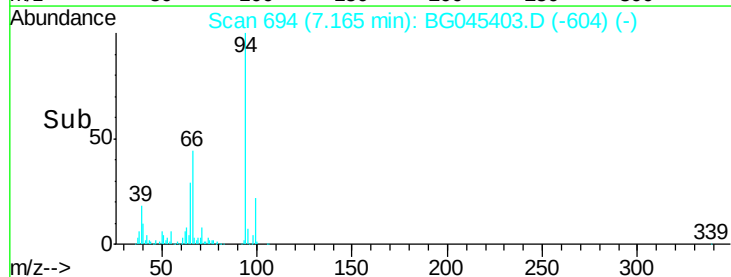
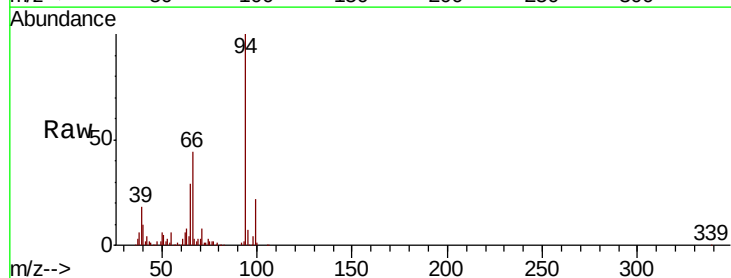
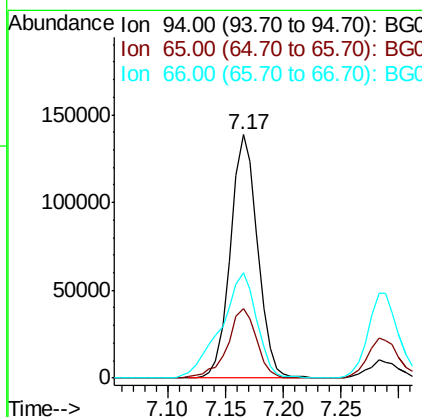
RT: 7.17 min Scan# 694

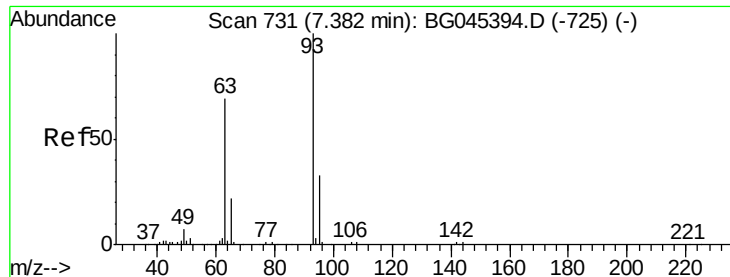
Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

Tgt Ion:	94	Resp:	225934
Ion Ratio	Lower	Upper	
94	100		
65	28.6	9.8	49.8
66	43.5	22.0	62.0





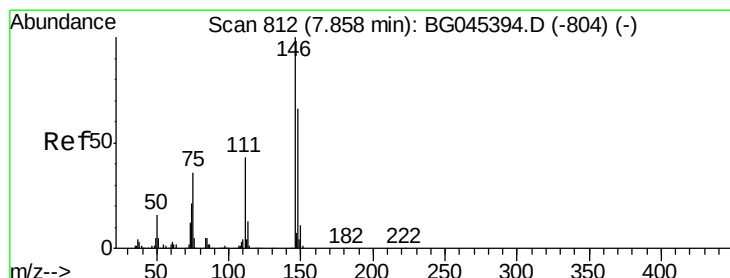
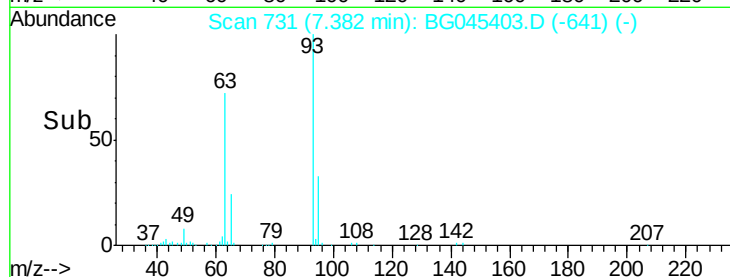
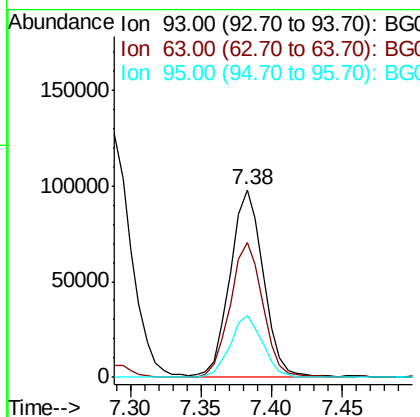
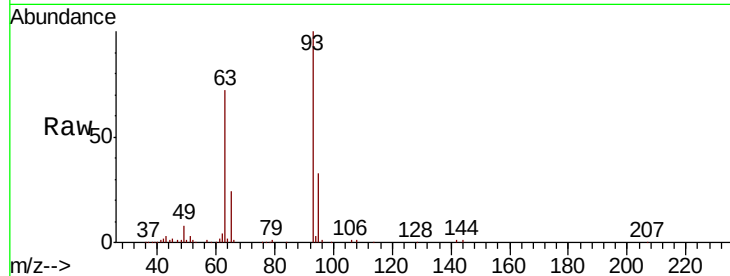
#11
bis(2-Chloroethyl)ether
Concen: 42.219 ng
RT: 7.38 min Scan# 731
Delta R.T. 0.00 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Instrument :
BNA_G
ClientSampleId :
PB128906BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	159073		
63	71.6		48.4	88.4
95	32.9		12.4	52.4

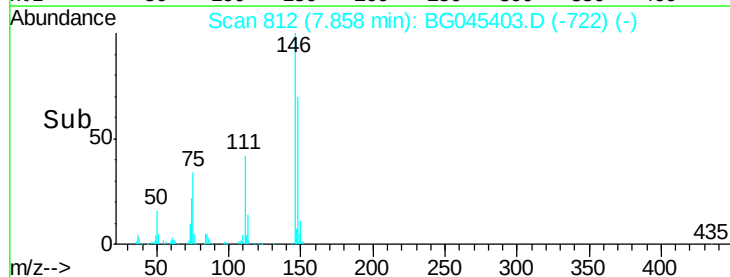
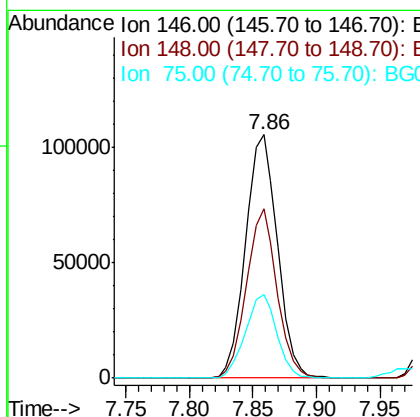
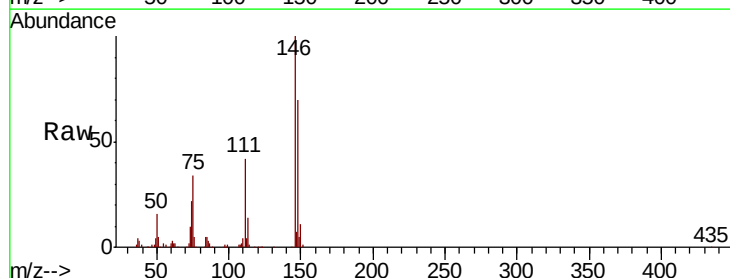
Manual Integrations
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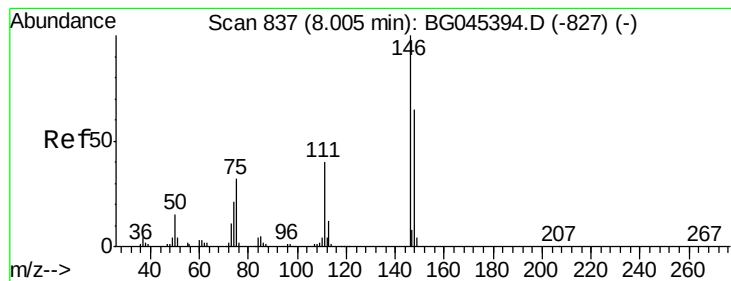
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.608 ng
RT: 7.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	184904		
148	69.7		53.2	79.8
75	34.4		28.6	43.0





#13

1,4-Dichlorobenzene

Concen: 43.924 ng

RT: 8.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

Instrument :

BNA_G

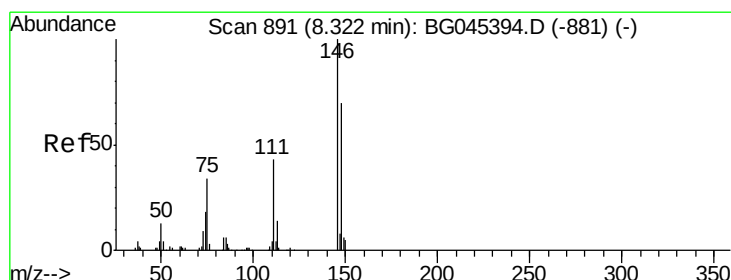
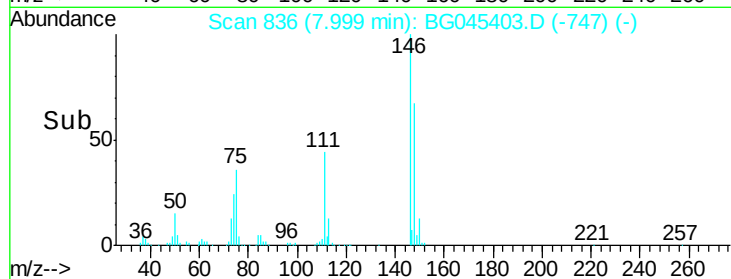
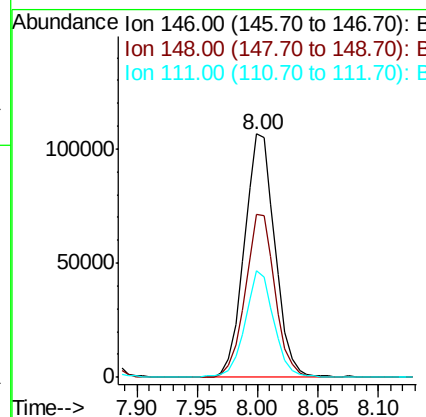
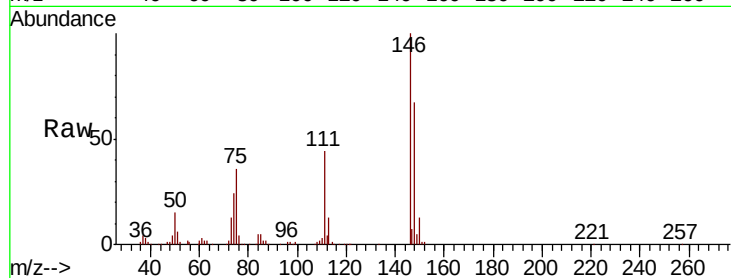
ClientSampled :

PB128906BS

Tot Ion:	146	Resp:	188111
Ion Ratio	Lower	Upper	
146	100		
148	66.8	51.8	77.8
111	44.0	32.1	48.1

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#14

1,2-Dichlorobenzene

Concen: 42.216 ng

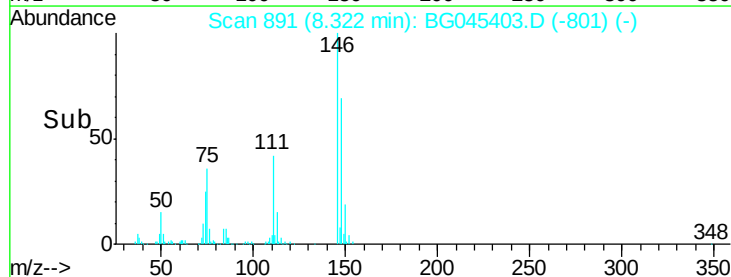
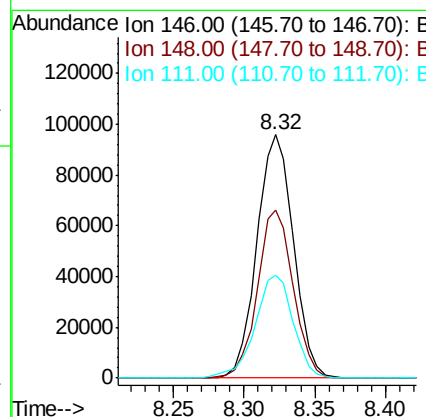
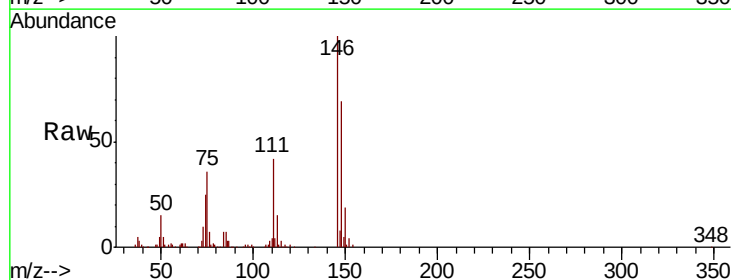
RT: 8.32 min Scan# 891

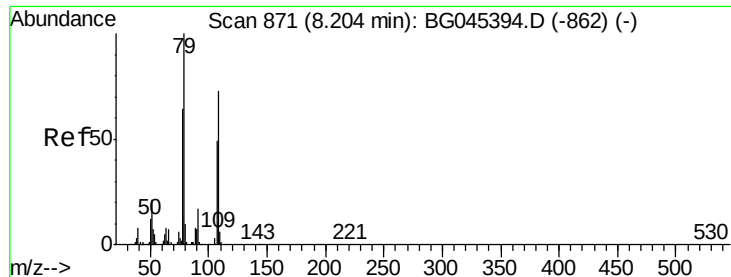
Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

Tgt Ion:	146	Resp:	173890
Ion Ratio	Lower	Upper	
146	100		
148	68.8	55.9	83.9
111	42.1	35.0	52.4





#15

Benzyl Alcohol

Concen: 44.962 ng

RT: 8.20 min Scan# 871

Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

Instrument :

BNA_G

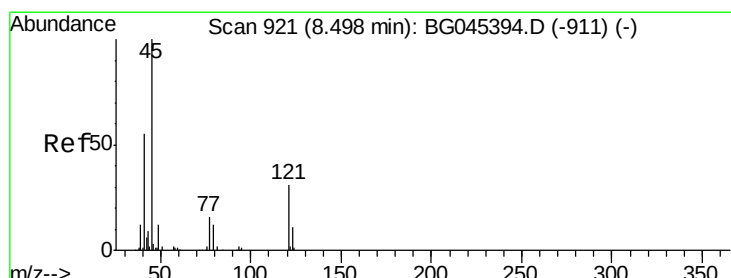
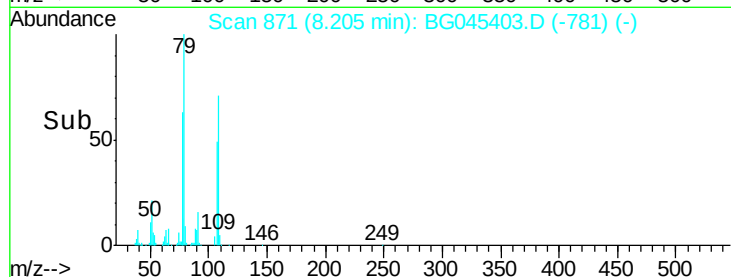
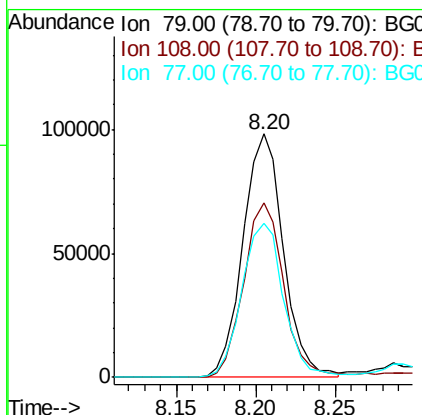
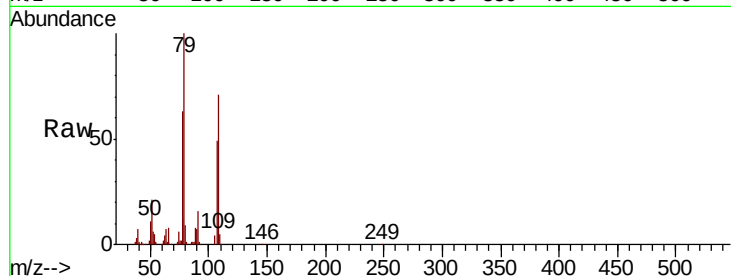
ClientSampled :

PB128906BS

Tot Ion:	79	Resp:	174084
Ion	Ratio	Lower	Upper
79	100		
108	71.5	58.2	87.4
77	63.1	51.0	76.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.812 ng

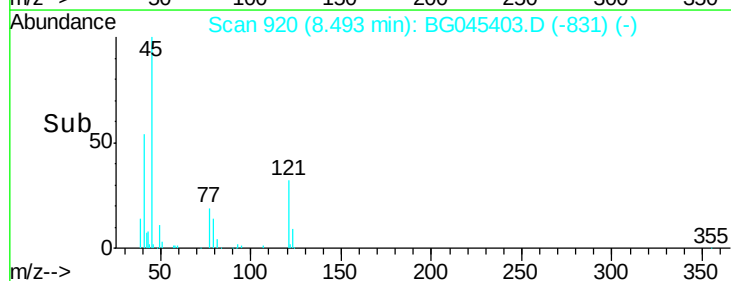
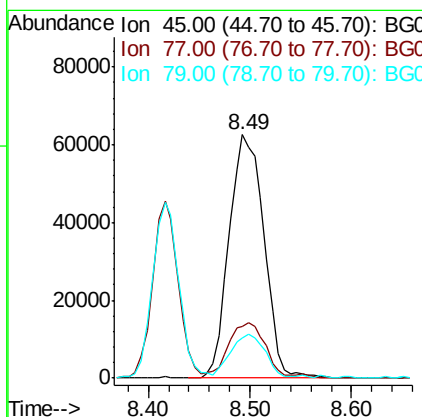
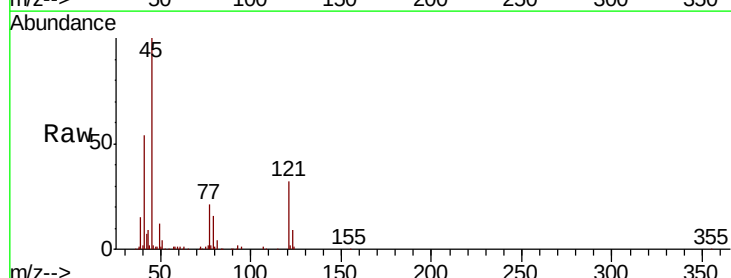
RT: 8.49 min Scan# 920

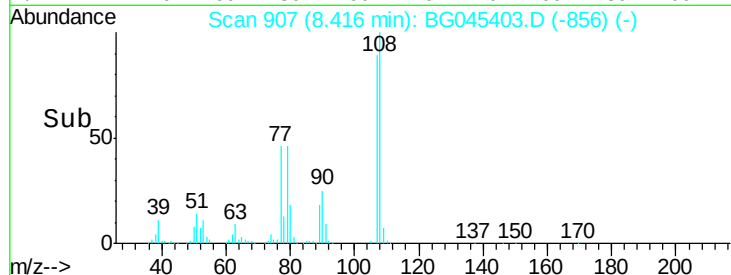
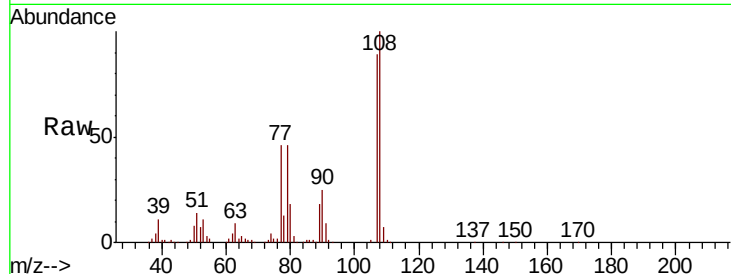
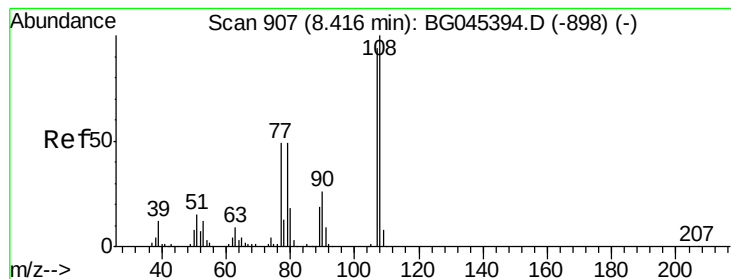
Delta R.T. -0.01 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

Tgt Ion:	45	Resp:	149541
Ion	Ratio	Lower	Upper
45	100		
77	21.4	4.0	44.0
79	16.4	0.0	38.6





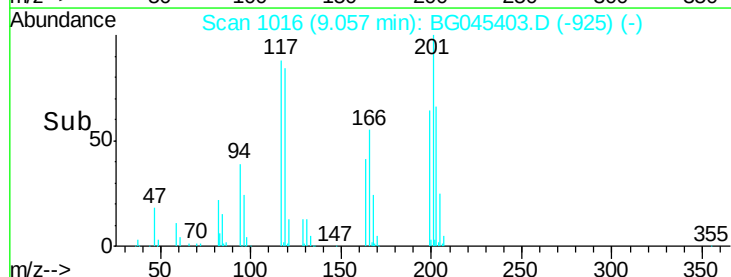
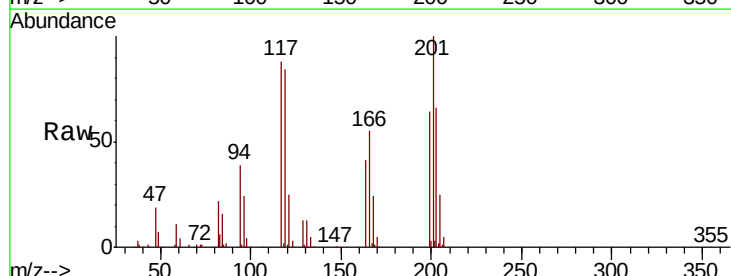
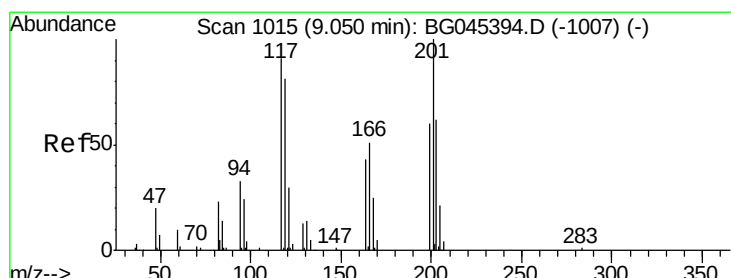
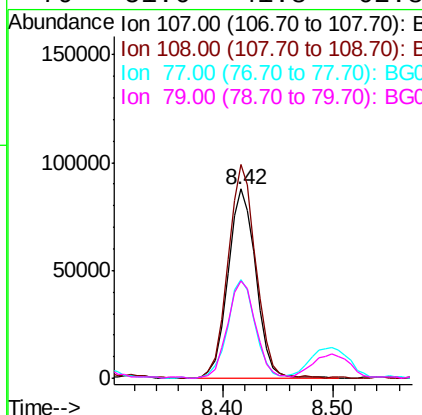
#17
2-Methylphenol
Concen: 42.723 ng
RT: 8.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.8	85.2	127.8	
77	51.8	41.6	62.4	
79	51.6	41.8	62.8	

Instrument :
BNA_G
ClientSampleId :
PB128906BS

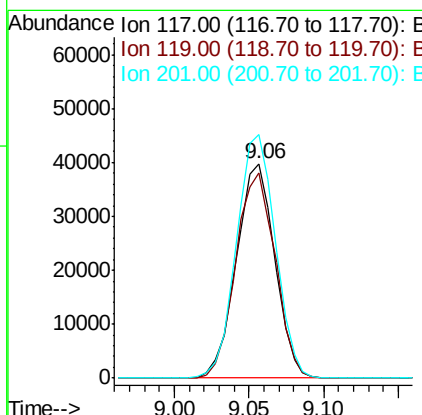
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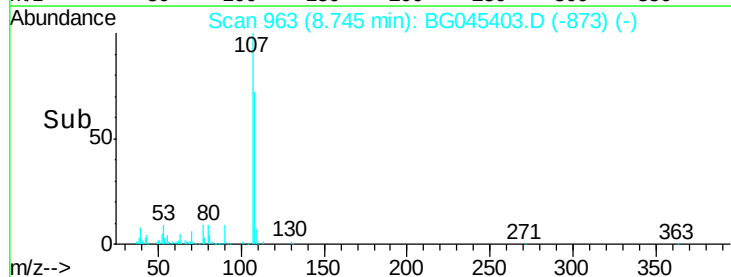
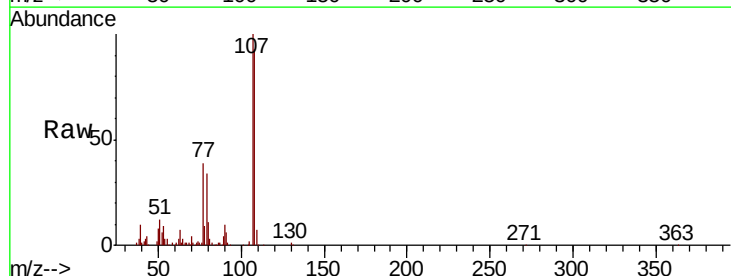
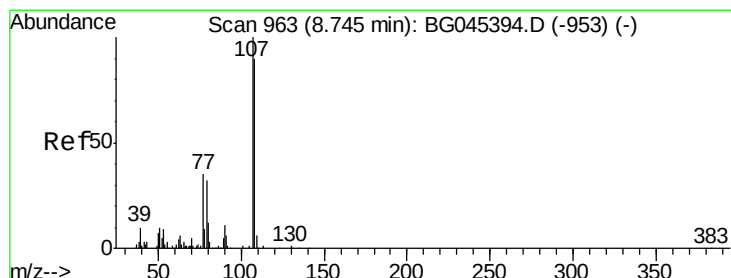
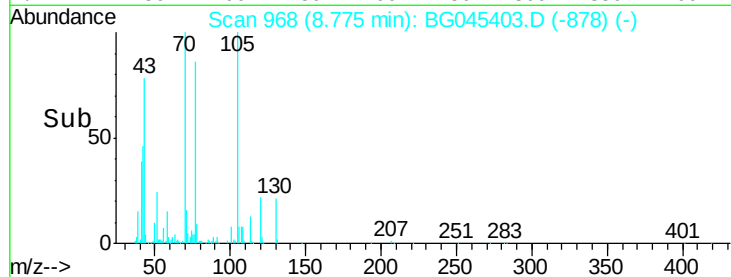
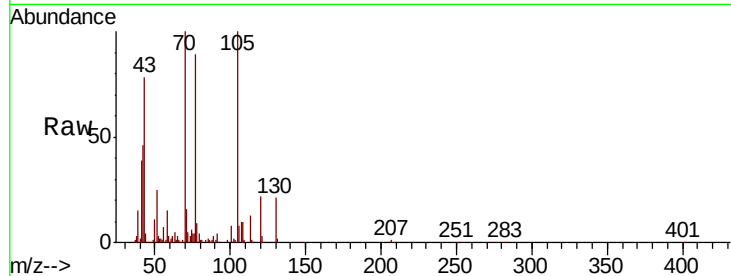
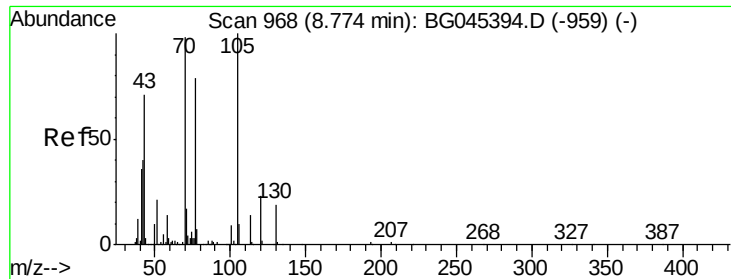
mohammad
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#18
Hexachloroethane
Concen: 43.322 ng
RT: 9.06 min Scan# 1016
Delta R.T. 0.01 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

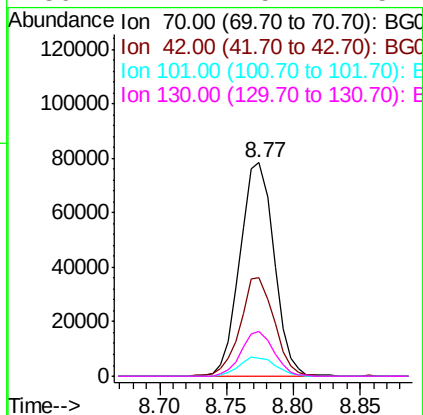
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.6	71.3	106.9	
201	113.6	87.5	131.3	





#19
n-Nitroso-di-n-propylamine
Concen: 42.888 ng
RT: 8.77 min Scan# 968
Delta R.T. 0.00 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	45.9	33.2	49.8	
101	8.5	7.8	11.6	
130	21.2	15.4	23.2	



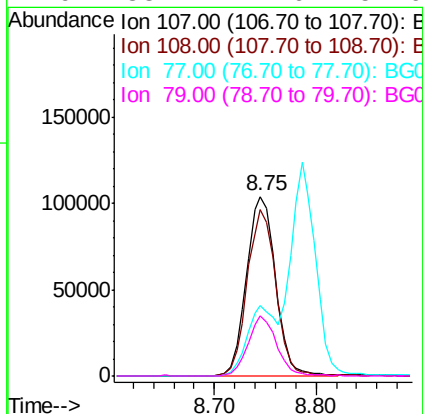
Instrument :
BNA_G
ClientSampleId :
PB128906BS

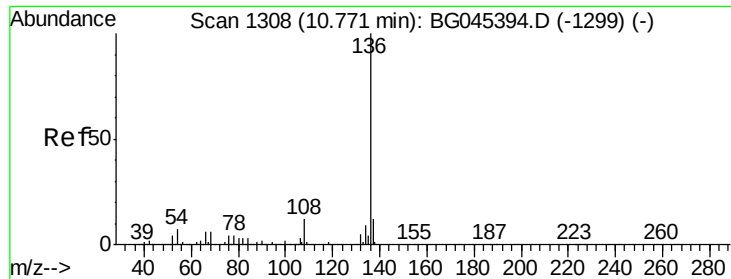
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#20
3+4-Methylphenols
Concen: 42.047 ng
RT: 8.75 min Scan# 963
Delta R.T. 0.00 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.9	70.3	110.3	
77	39.1	15.4	55.4	
79	33.7	12.6	52.6	





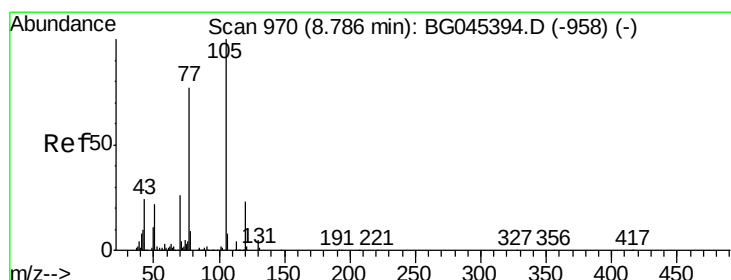
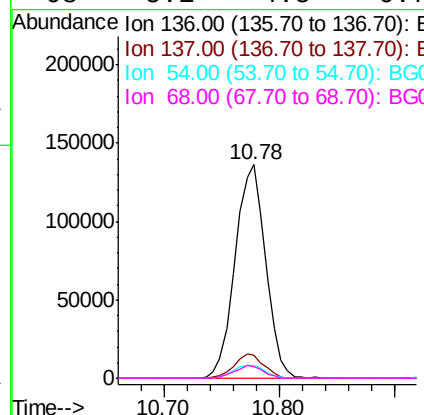
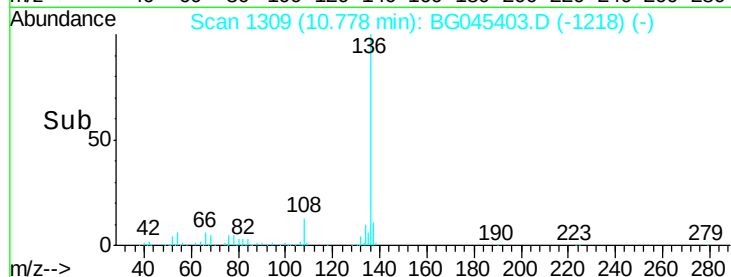
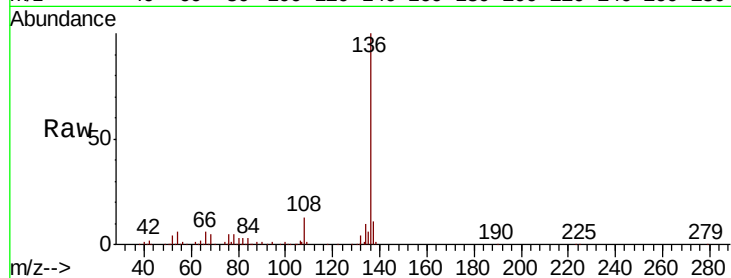
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.78 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Instrument :
BNA_G
ClientSampleId :
PB128906BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	249250		
137	10.6		9.4	14.2
54	6.2		5.8	8.6
68	5.1		4.5	6.7

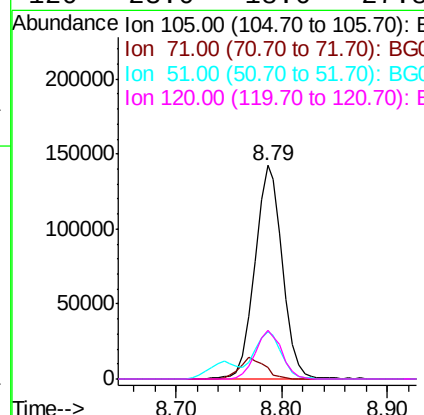
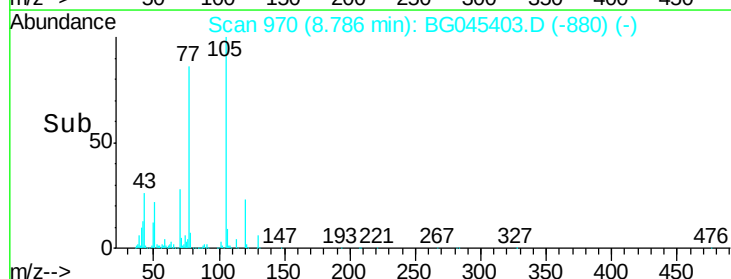
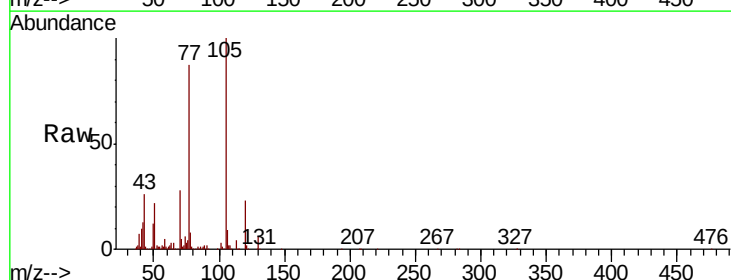
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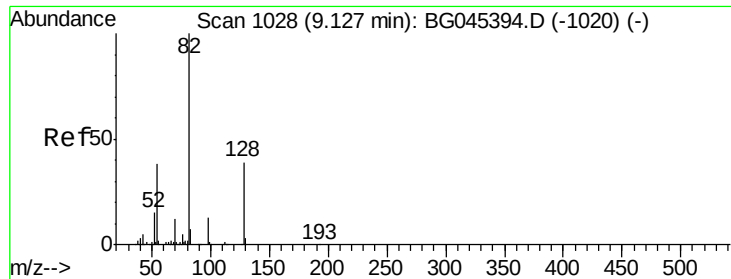
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#22
Acetophenone
Concen: 43.677 ng
RT: 8.79 min Scan# 970
Delta R.T. 0.00 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	258023		
71	5.3		3.4	5.0#
51	21.9		18.2	27.2
120	23.0		18.6	27.8





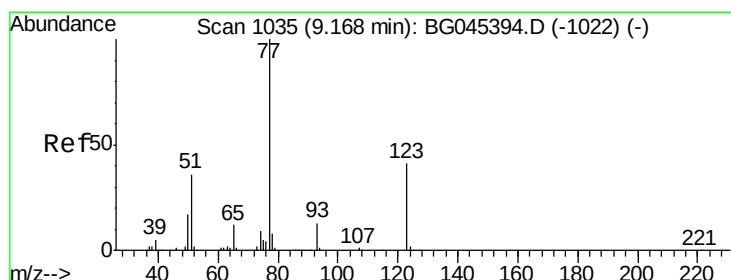
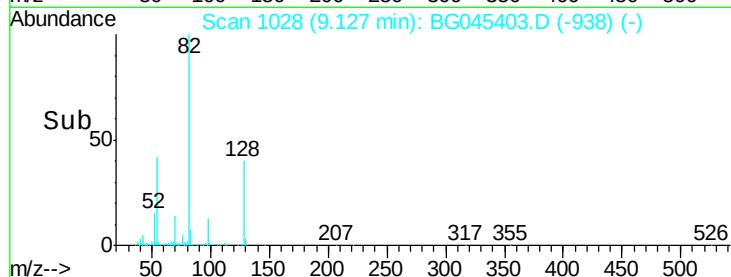
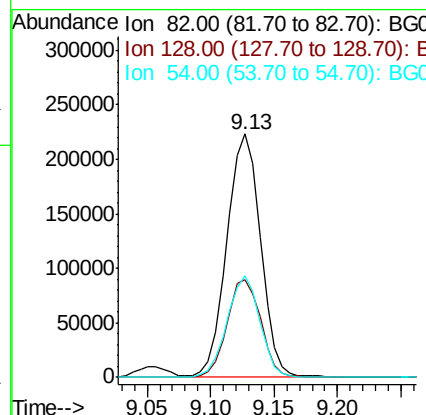
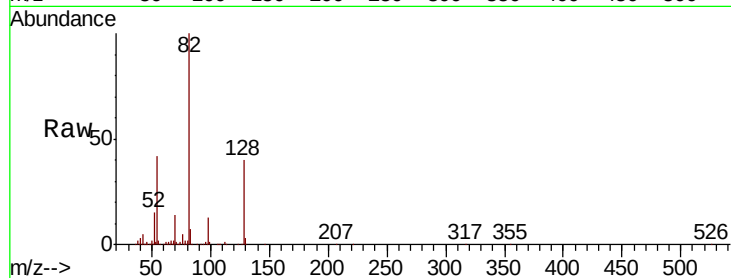
#23
Nitrobenzene-d5
Concen: 89.551 ng
RT: 9.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Instrument :
BNA_G
ClientSampleId :
PB128906BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.3	30.9	46.3
54	41.9	30.3	45.5

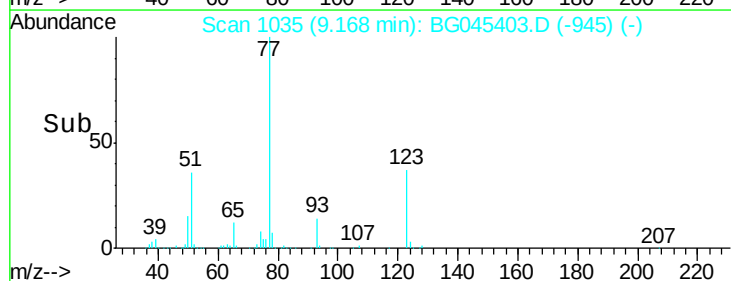
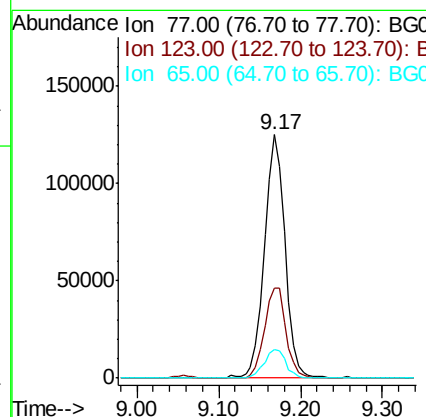
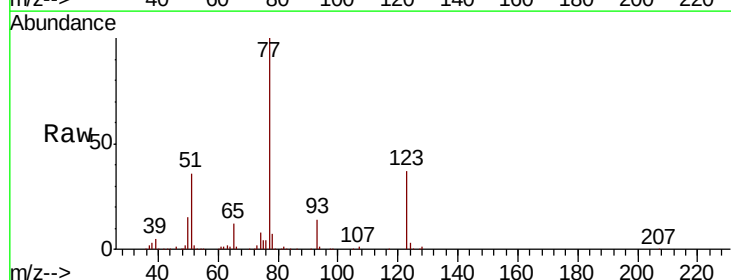
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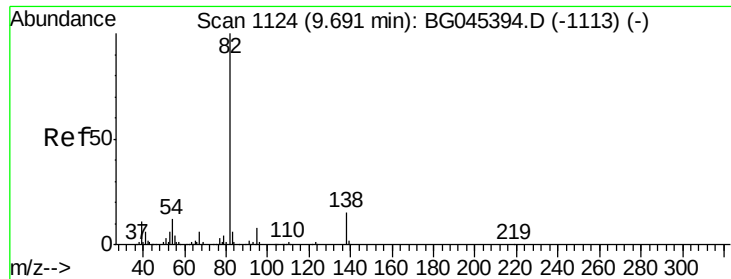
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#24
Nitrobenzene
Concen: 44.800 ng
RT: 9.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.1	32.9	49.3
65	11.9	9.4	14.2





#25

Isophorone

Concen: 44.100 ng

RT: 9.69 min Scan# 1124

Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

Instrument :

BNA_G

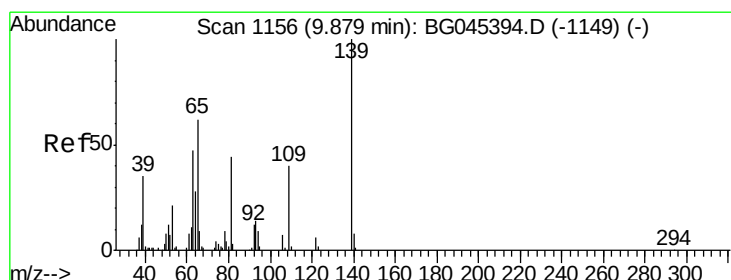
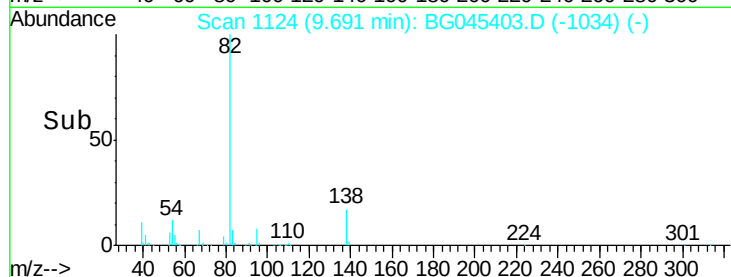
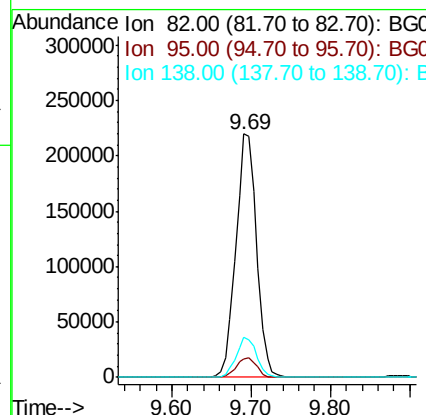
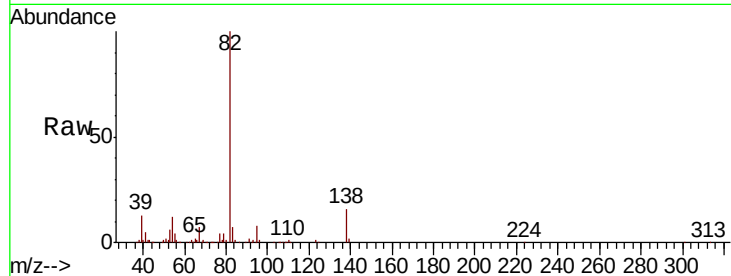
ClientSampleId :

PB128906BS

Tot Ion:	82	Resp:	396964
Ion Ratio		Lower	Upper
82	100		
95	7.7	6.7	10.1
138	16.3	12.2	18.4

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#26

2-Nitrophenol

Concen: 45.942 ng

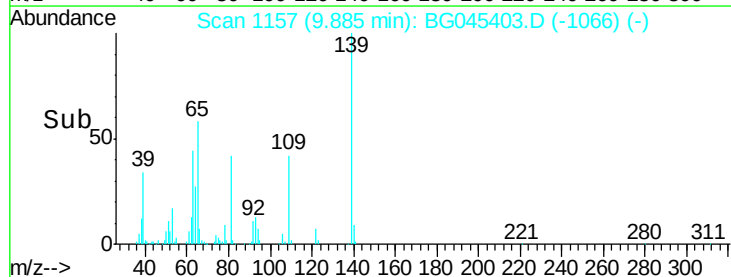
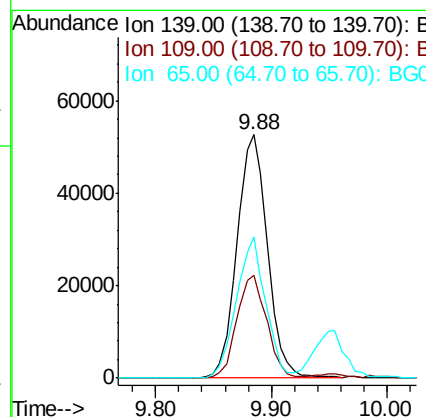
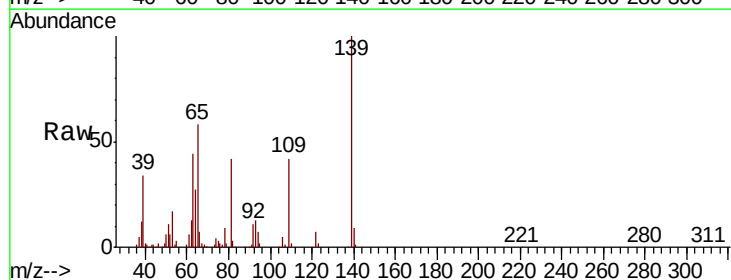
RT: 9.88 min Scan# 1157

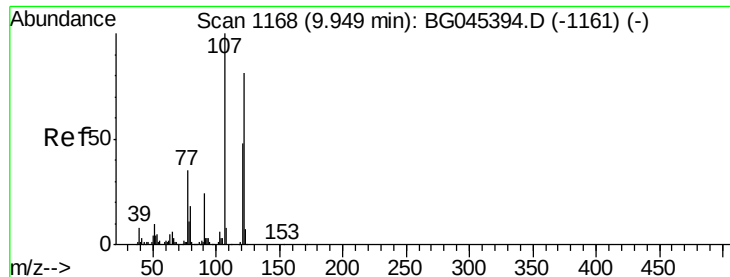
Delta R.T. 0.01 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

Tgt Ion:	139	Resp:	96244
Ion Ratio		Lower	Upper
139	100		
109	42.2	32.2	48.4
65	57.9	49.6	74.4





#27

2,4-Dimethylphenol

Concen: 52.347 ng

RT: 9.95 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

Instrument :

BNA_G

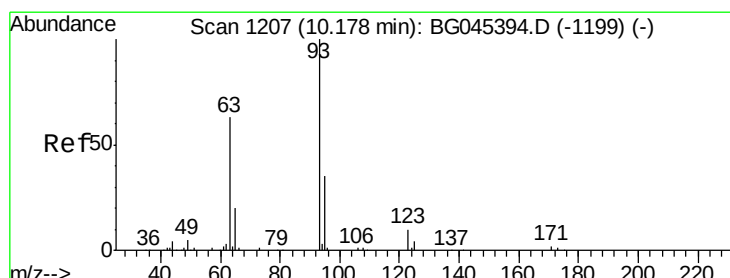
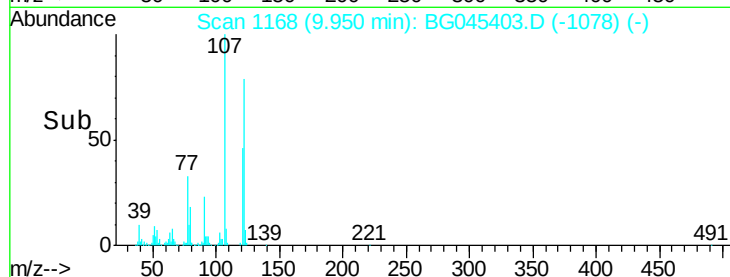
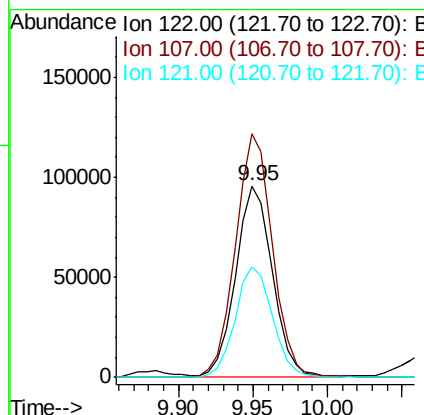
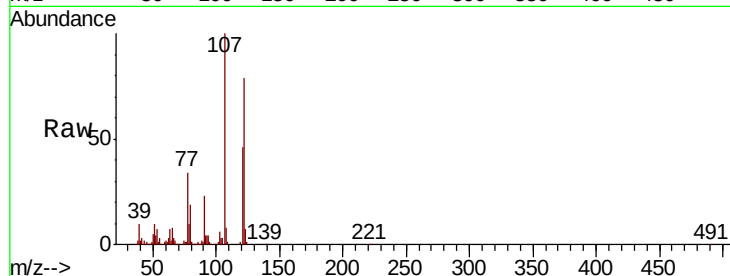
ClientSampleId :

PB128906BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	162644		
107	127.2	99.0	148.4	
121	57.9	47.7	71.5	

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#28

bis(2-Chloroethoxy)methane

Concen: 46.218 ng

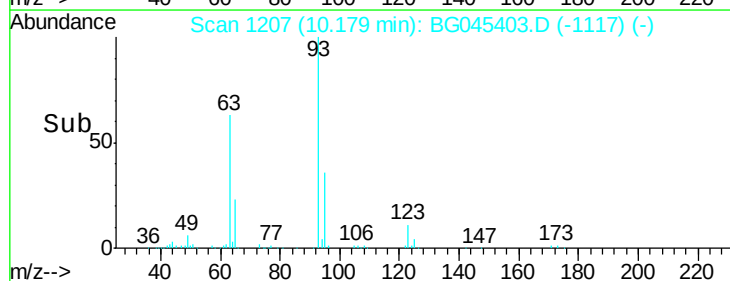
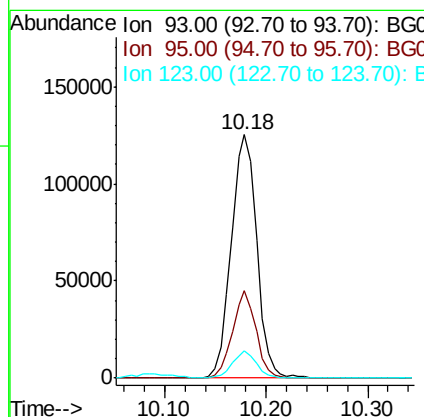
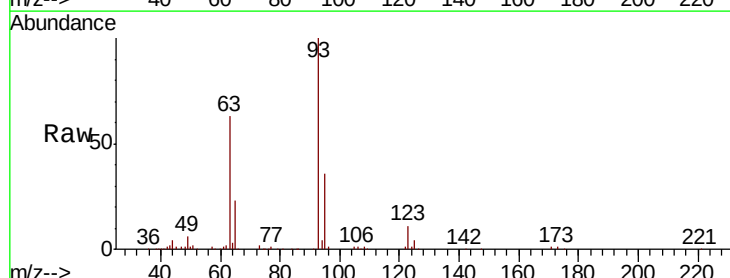
RT: 10.18 min Scan# 1207

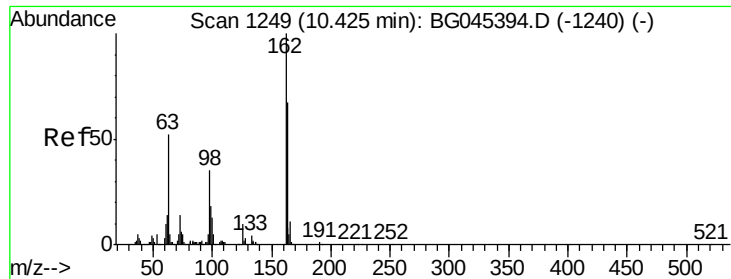
Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	218182		
95	35.8	27.6	41.4	
123	11.1	8.1	12.1	





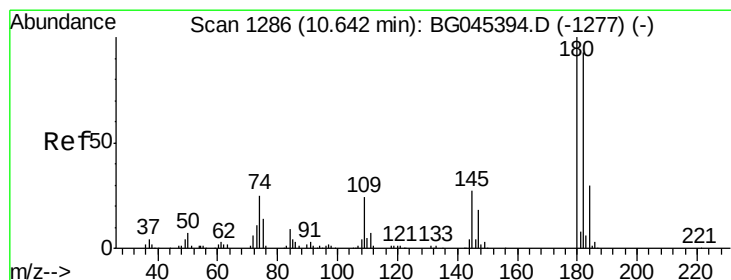
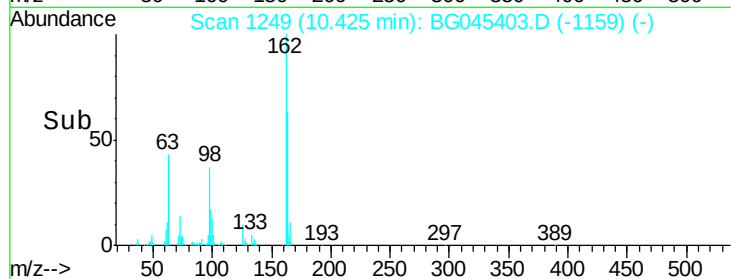
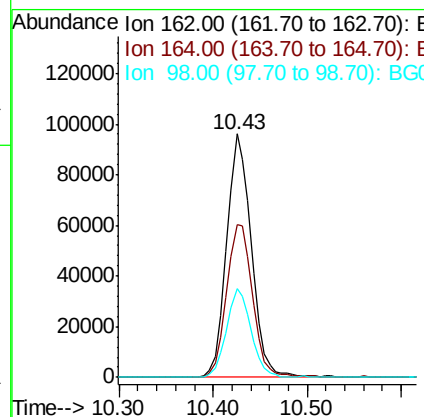
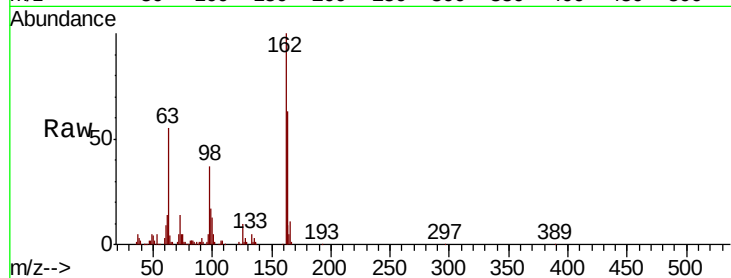
#29
 2,4-Dichlorophenol
 Concen: 47.982 ng
 RT: 10.43 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BG045403.D
 Acq: 15 May 2020 19:13

Instrument :
 BNA_G
 ClientSampleId :
 PB128906BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		176048		
164	62.9	46.8	86.8		
98	36.7	15.2	55.2		

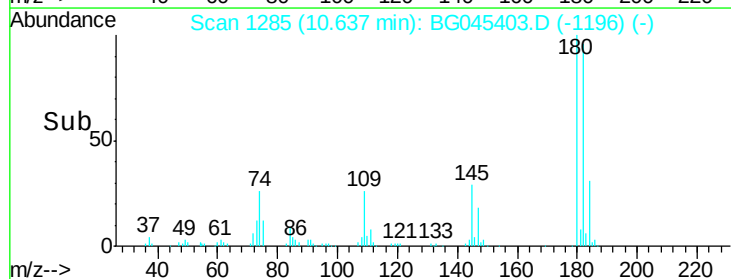
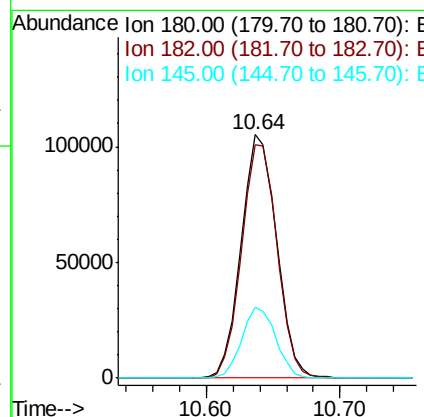
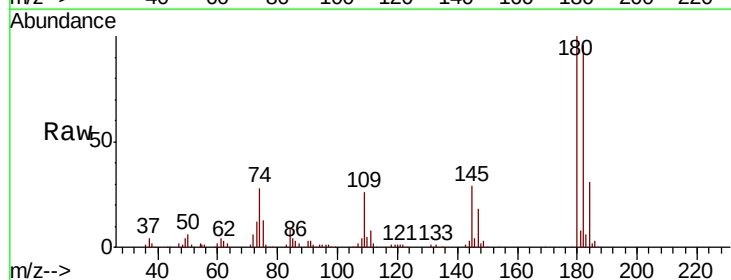
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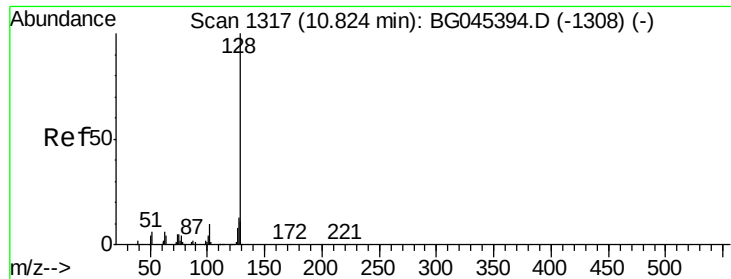
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.529 ng
 RT: 10.64 min Scan# 1285
 Delta R.T. -0.01 min
 Lab File: BG045403.D
 Acq: 15 May 2020 19:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		193058		
182	95.8	74.8	112.2		
145	29.0	21.9	32.9		





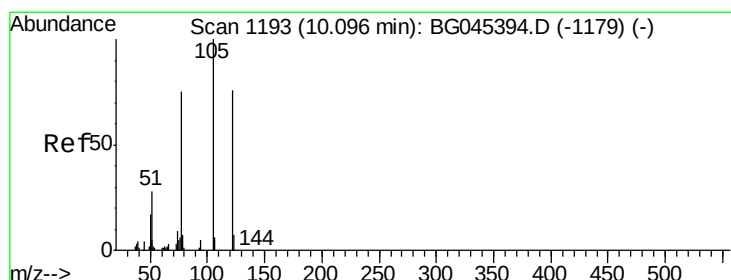
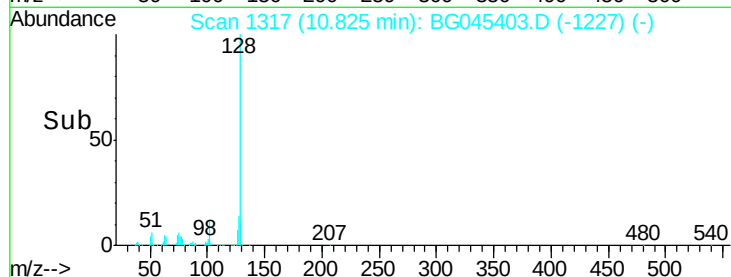
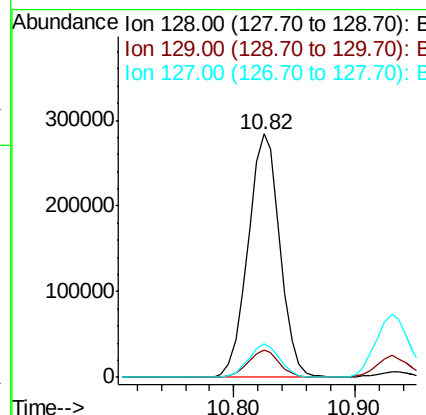
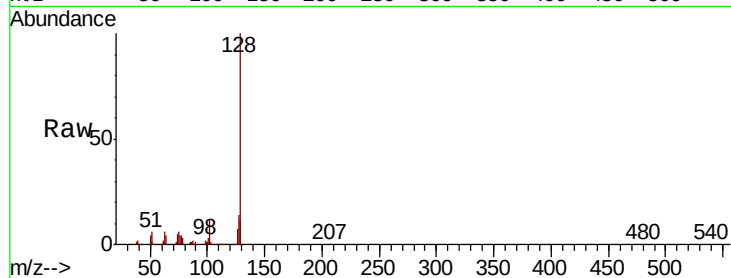
#31
Naphthalene
Concen: 44.912 ng
RT: 10.82 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Instrument :
BNA_G
ClientSampleId :
PB128906BS

Tot Ion:	128	Resp:	521644
Ion Ratio	Lower	Upper	
128	100		
129	11.3	9.0	13.6
127	14.1	10.7	16.1

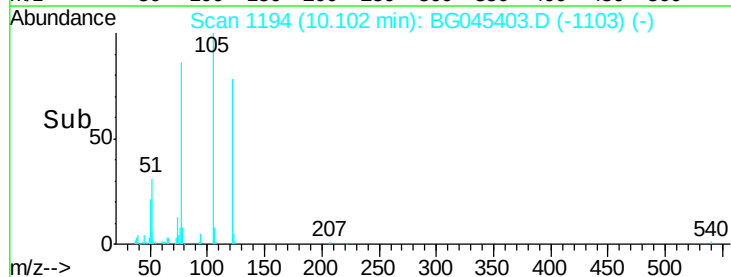
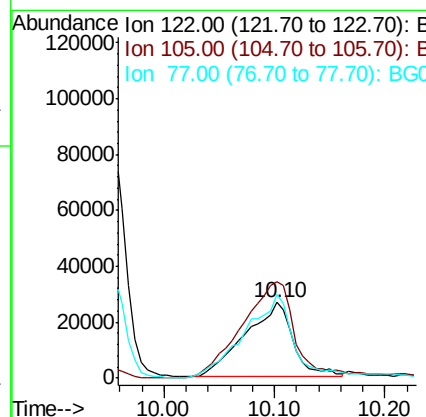
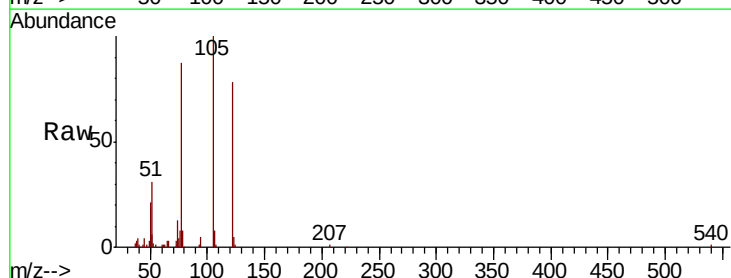
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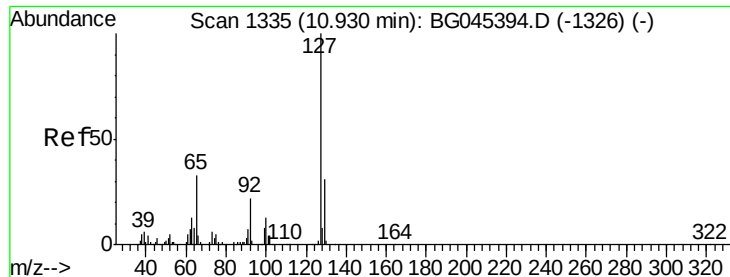
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#32
Benzoic acid
Concen: 40.093 ng
RT: 10.10 min Scan# 1194
Delta R.T. 0.01 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Tgt Ion:	122	Resp:	80314
Ion Ratio	Lower	Upper	
122	100		
105	128.5	107.9	147.9
77	111.4	78.9	118.9





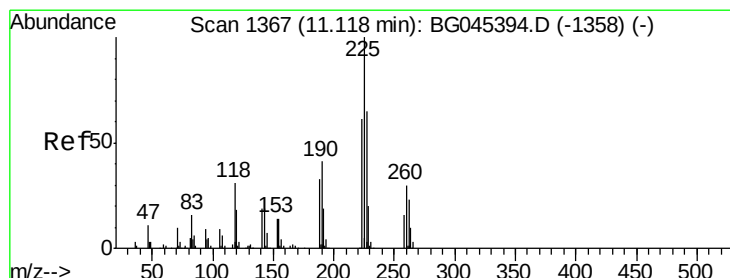
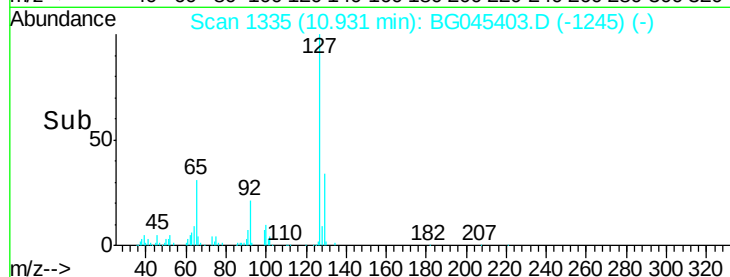
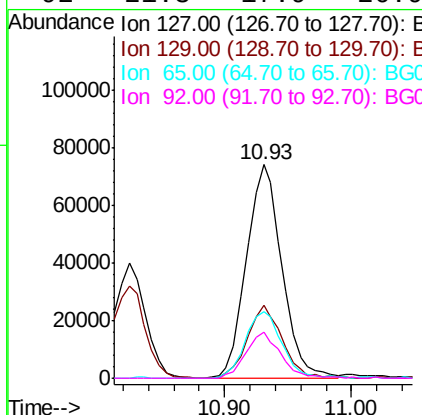
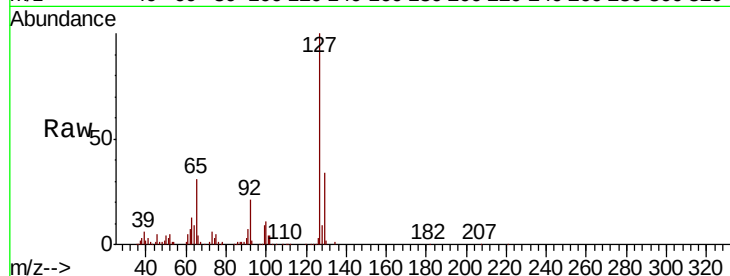
#33
4-Chloroaniline
Concen: 29.578 ng
RT: 10.93 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Instrument :
BNA_G
ClientSampleId :
PB128906BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.2	24.7	37.1		
65	31.3	26.2	39.2		
92	21.3	17.9	26.9		

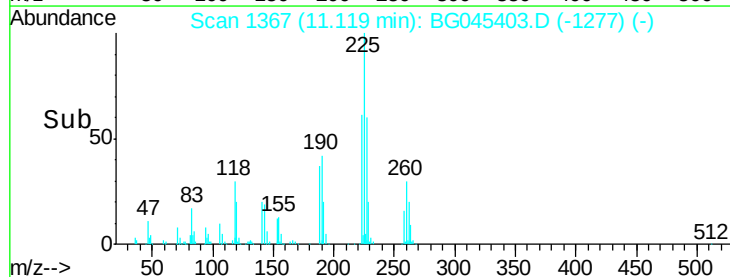
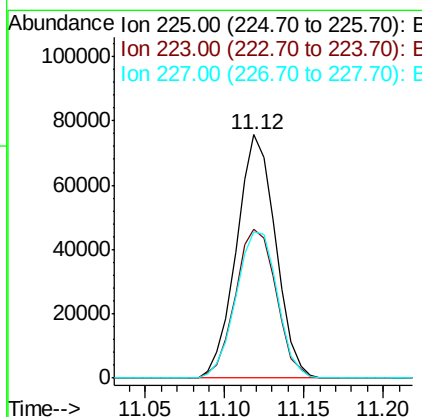
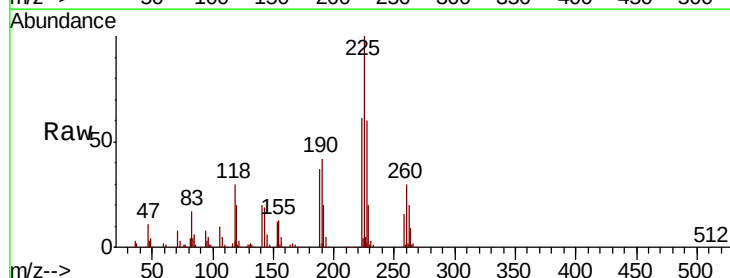
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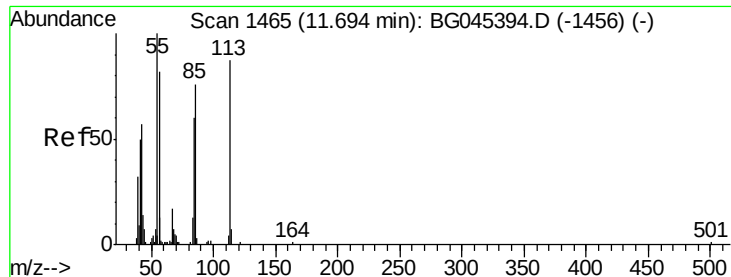
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#34
Hexachlorobutadiene
Concen: 42.206 ng
RT: 11.12 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.9	49.1	73.7		
227	60.2	52.0	78.0		





#35

Caprolactam

Concen: 45.541 ng/mL

RT: 11.69 min Scan# 1465

Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

Instrument :

BNA_G

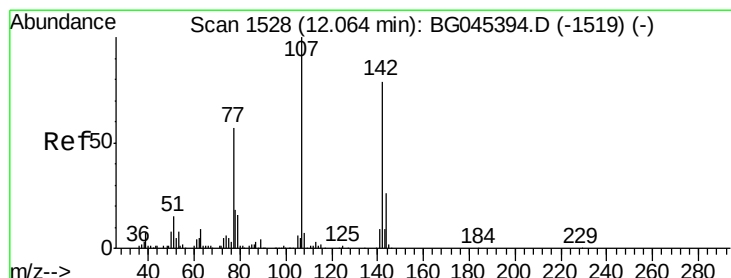
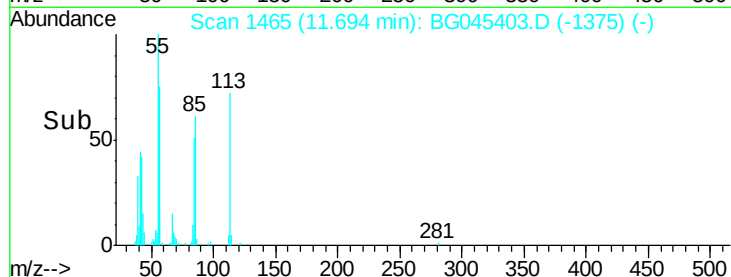
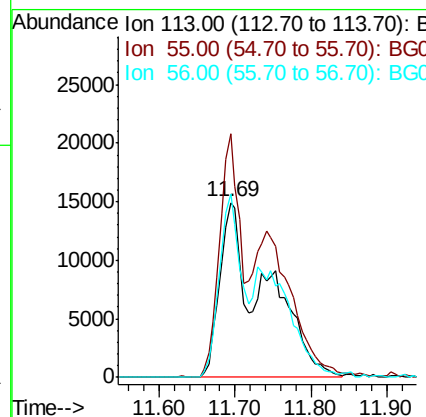
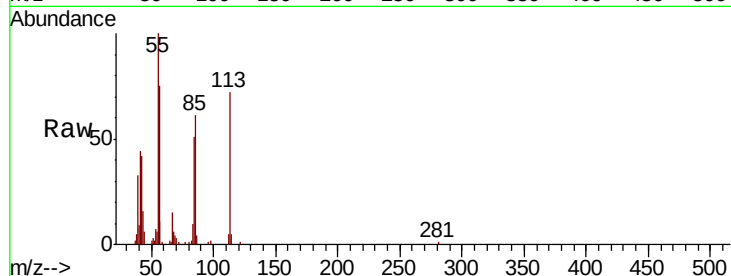
ClientSampleID :

PB128906BS

Tot Ion:	113	Resp:	61331
Ion Ratio	Lower	Upper	
113	100		
55	139.5	96.0	136.0#
56	104.8	75.1	115.1

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#36

4-Chloro-3-methylphenol

Concen: 48.014 ng/mL

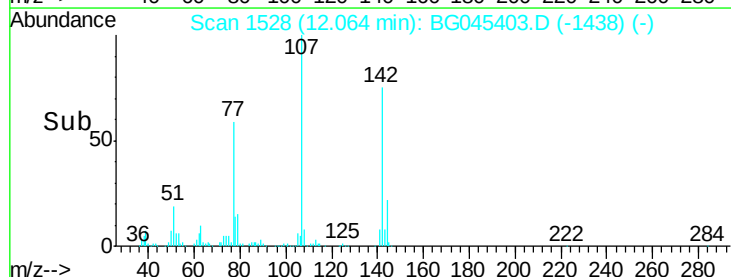
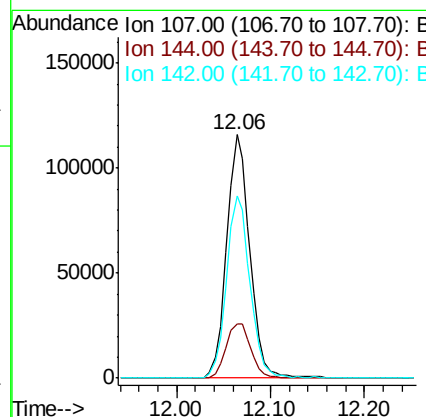
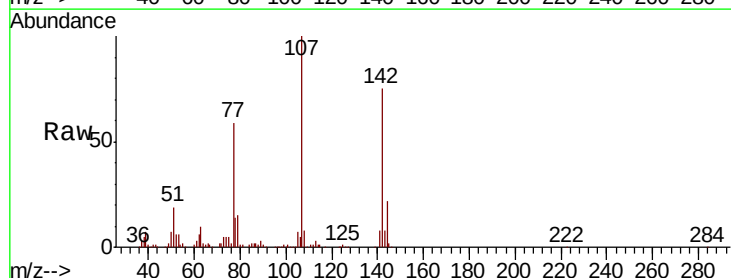
RT: 12.06 min Scan# 1528

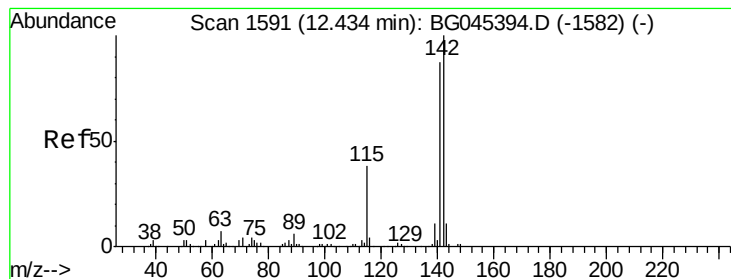
Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

Tgt Ion:	107	Resp:	198509
Ion Ratio	Lower	Upper	
107	100		
144	22.3	20.8	31.2
142	74.9	62.8	94.2





#37

2-Methylnaphthalene

Concen: 45.955 ng

RT: 12.43 min Scan# 1591

Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

Instrument :

BNA_G

ClientSampleId :

PB128906BS

Tot Ion:142 Resp: 397836

Ion Ratio Lower Upper

142 100

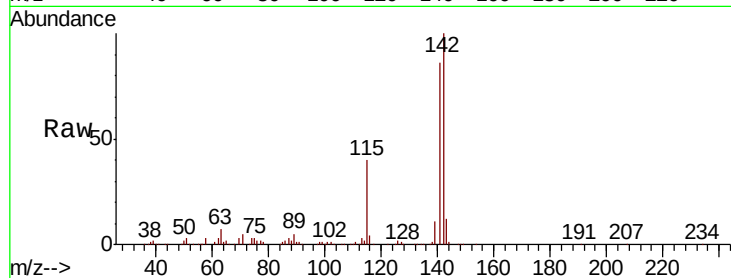
141 85.8 70.0 105.0

115 39.5 30.8 46.2

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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

300000

250000

200000

150000

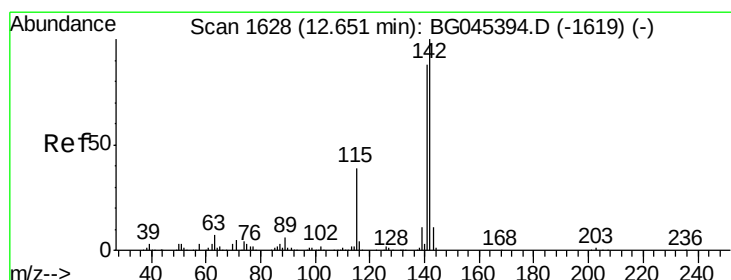
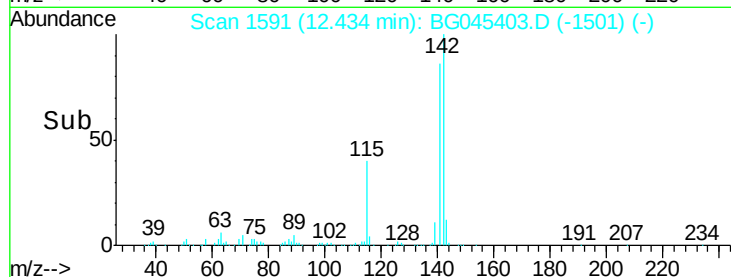
100000

50000

0

12.40 12.50

Time-->



#38

1-Methylnaphthalene

Concen: 45.536 ng

RT: 12.65 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

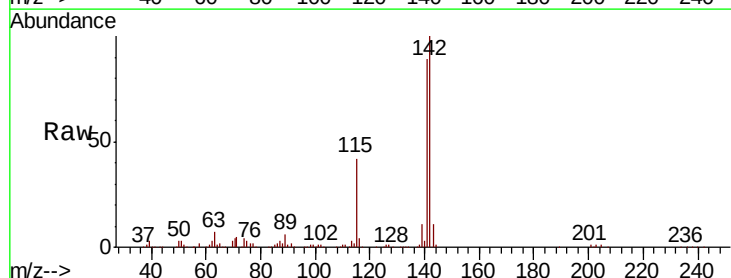
Tgt Ion:142 Resp: 372376

Ion Ratio Lower Upper

142 100

141 89.3 70.8 106.2

116 4.4 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

300000

250000

200000

150000

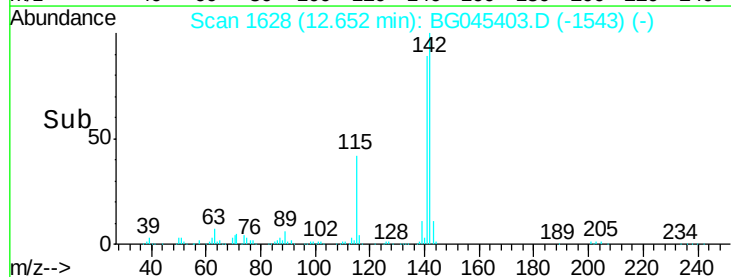
100000

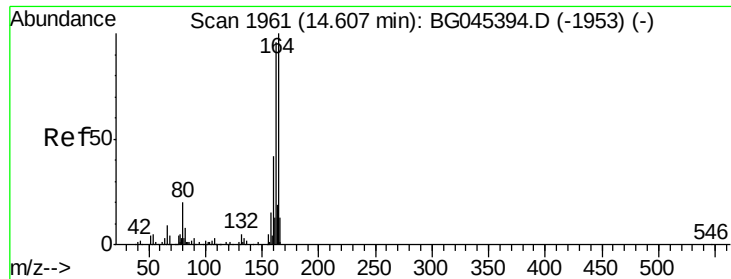
50000

0

12.60 12.70

Time-->





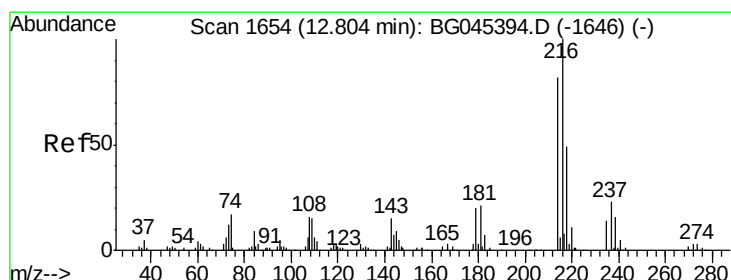
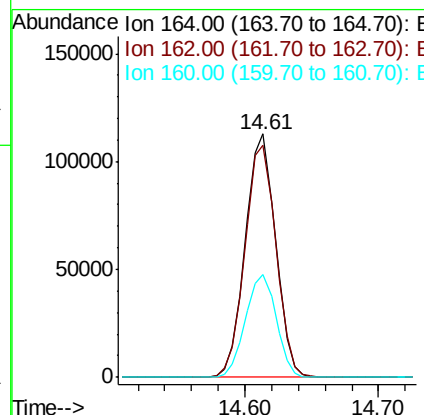
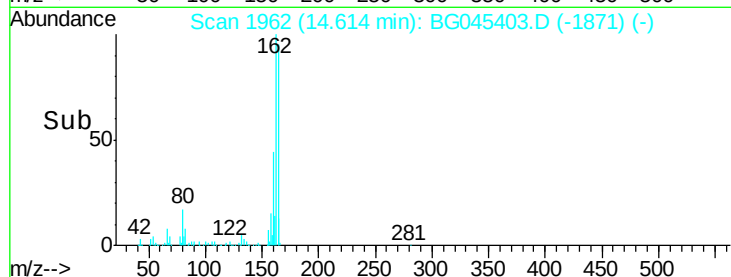
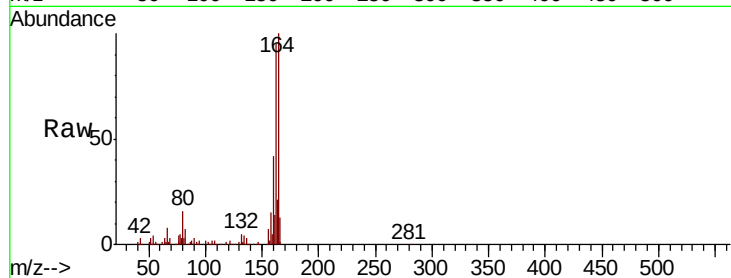
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.61 min Scan# 1962
Delta R.T. 0.01 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Instrument :
BNA_G
ClientSampleId :
PB128906BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	95.1	76.9	115.3
160	42.2	33.8	50.8

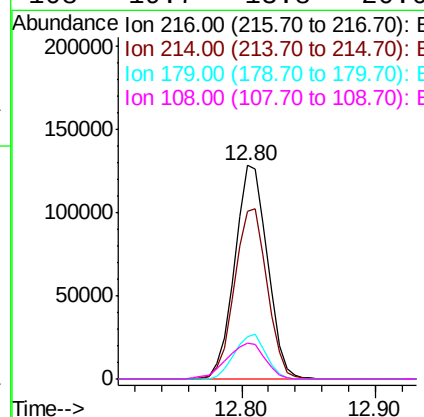
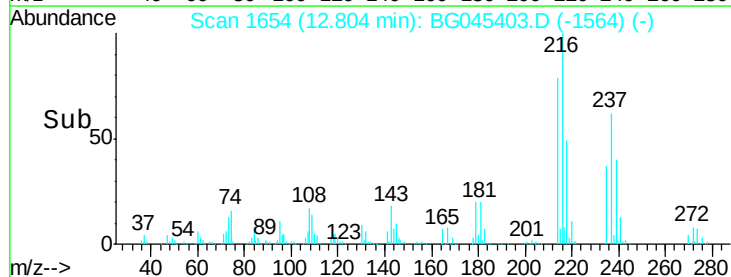
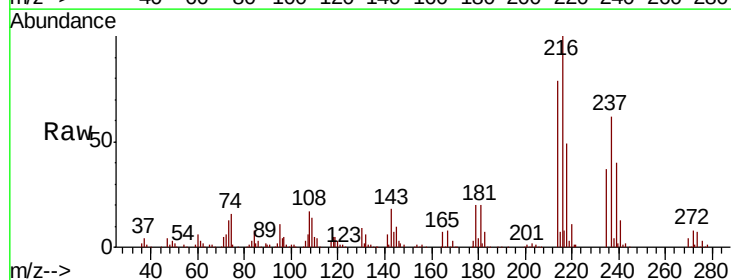
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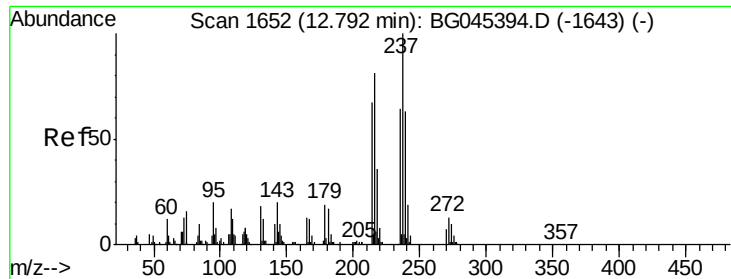
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.314 ng
RT: 12.80 min Scan# 1654
Delta R.T. 0.00 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.7	95.5
179	20.2	16.1	24.1
108	19.7	13.8	20.6





#41

Hexachlorocyclopentadiene

Concen: 101.894 ng

RT: 12.79 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

Instrument :

BNA_G

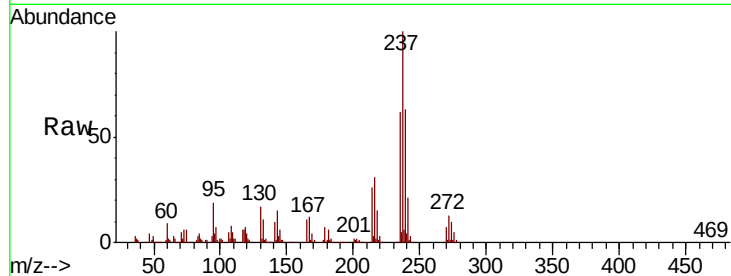
ClientSampleId :

PB128906BS

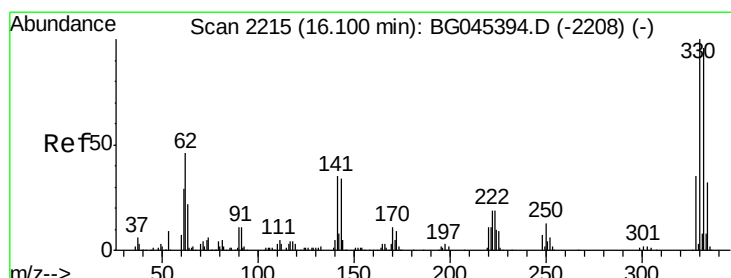
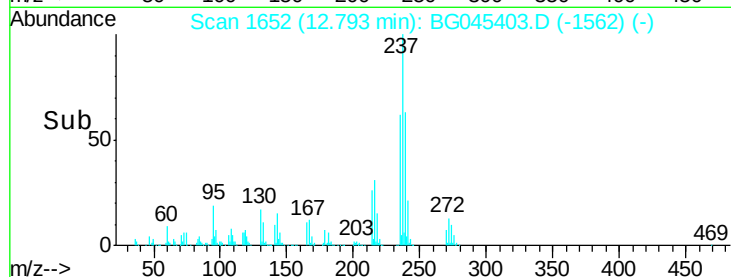
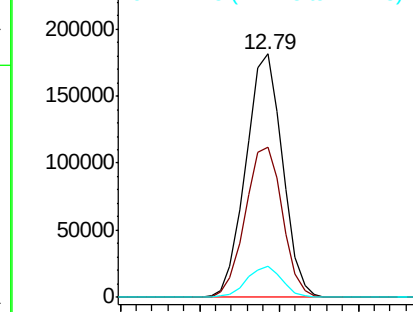
Tot Ion:	237	Resp:	290337
Ion Ratio	Lower	Upper	
237	100		
235	61.7	44.4	84.4
272	12.9	0.0	32.5

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



#42

2,4,6-Tribromophenol

Concen: 133.243 ng

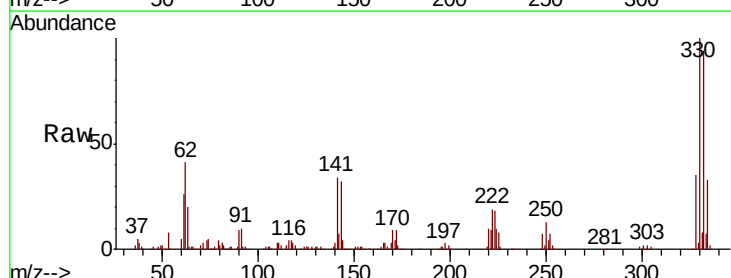
RT: 16.11 min Scan# 2216

Delta R.T. 0.01 min

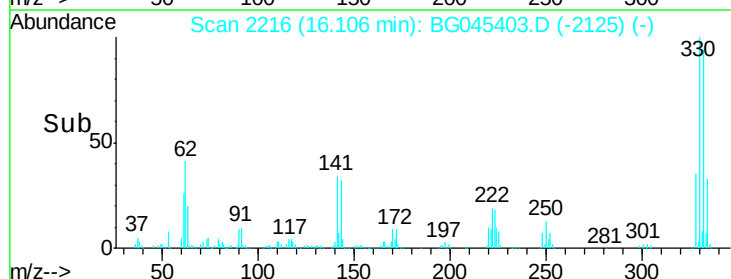
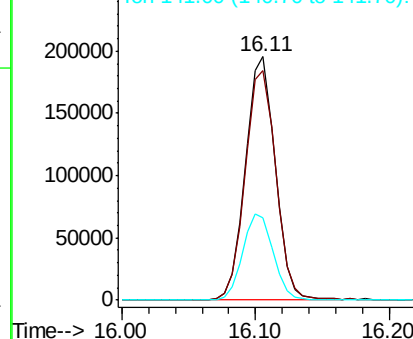
Lab File: BG045403.D

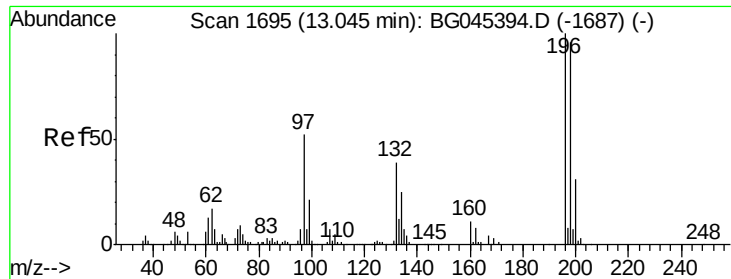
Acq: 15 May 2020 19:13

Tgt Ion:	330	Resp:	301176
Ion Ratio	Lower	Upper	
330	100		
332	97.0	78.2	117.4
141	36.4	28.2	42.4



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





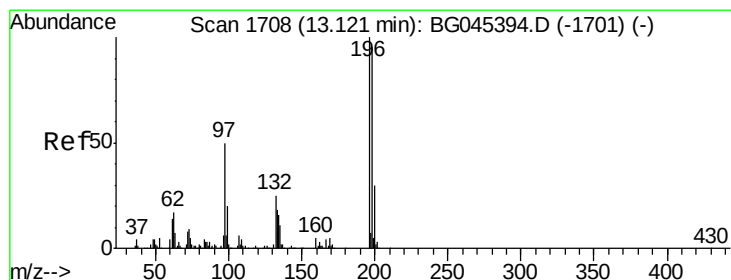
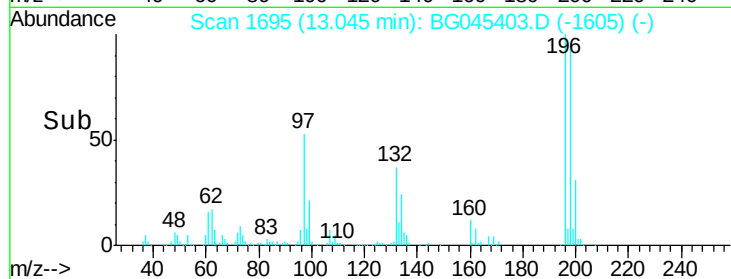
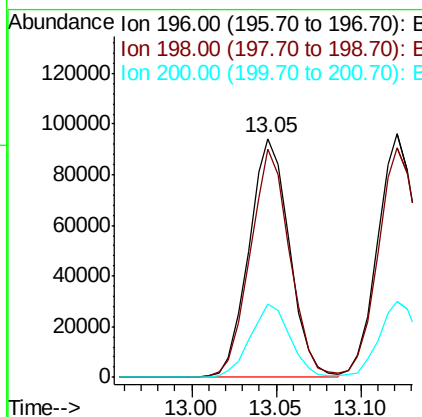
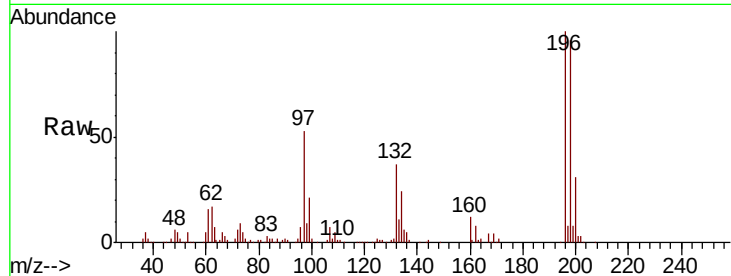
#43
 2,4,6-Trichlorophenol
 Concen: 45.445 ng
 RT: 13.05 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: BG045403.D
 Acq: 15 May 2020 19:13

Instrument :
 BNA_G
 ClientSampleId :
 PB128906BS

Tot Ion:	196	Resp:	155848
Ion Ratio	Lower	Upper	
196	100		
198	95.7	76.7	115.1
200	30.7	24.9	37.3

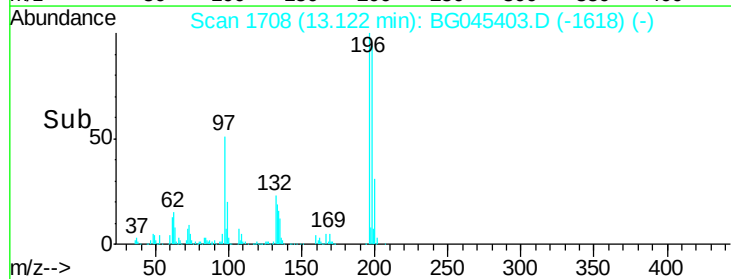
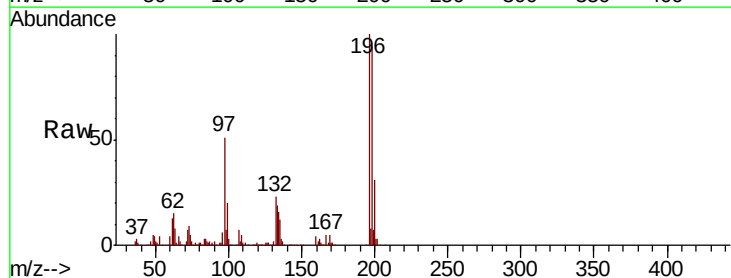
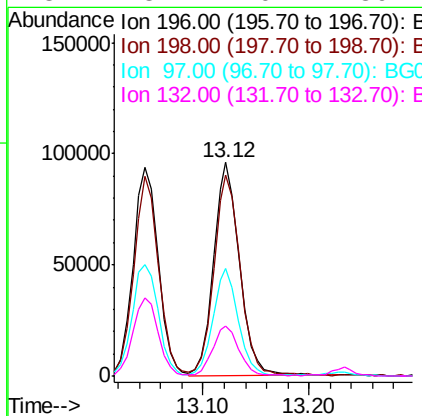
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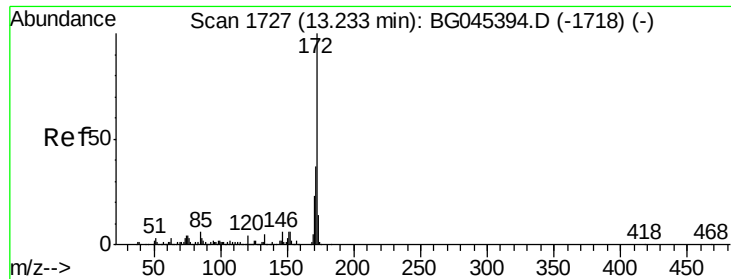
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 41.989 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BG045403.D
 Acq: 15 May 2020 19:13

Tgt Ion:	196	Resp:	164548
Ion Ratio	Lower	Upper	
196	100		
198	94.3	76.1	114.1
97	50.5	40.0	60.0
132	23.4	20.2	30.2





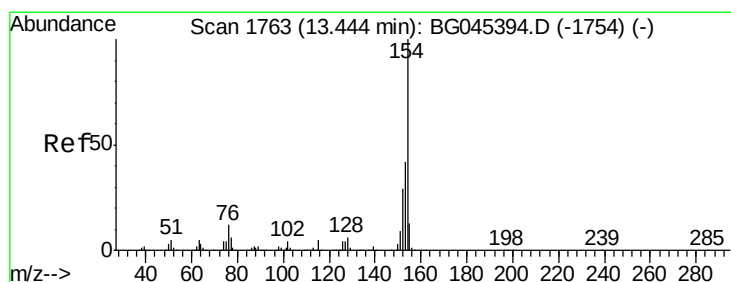
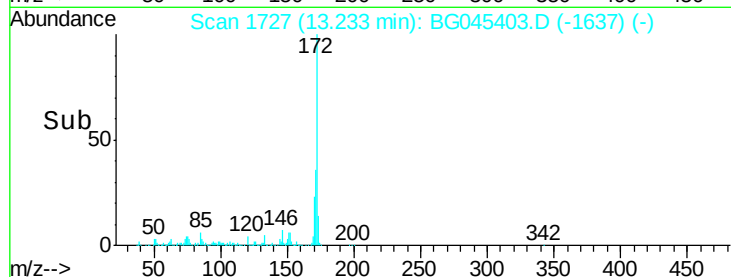
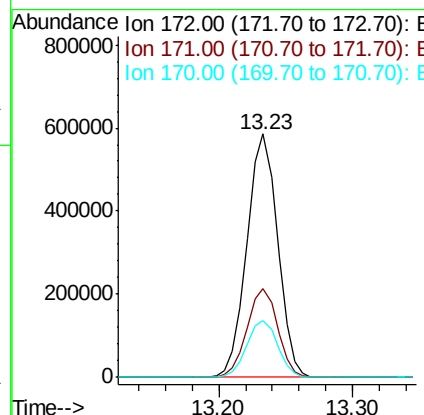
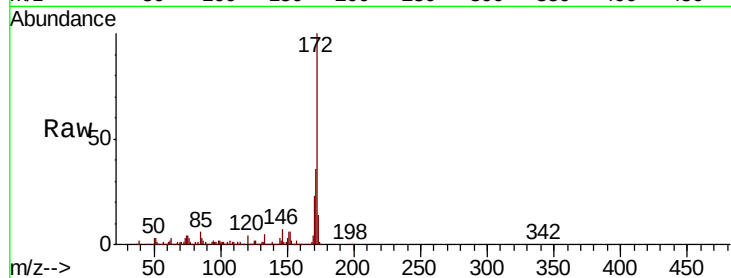
#45
2-Fluorobiphenyl
Concen: 89.226 ng
RT: 13.23 min Scan# 1727
Delta R.T. 0.00 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Instrument :
BNA_G
ClientSampleId :
PB128906BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.5	44.3
170	23.3	18.5	27.7

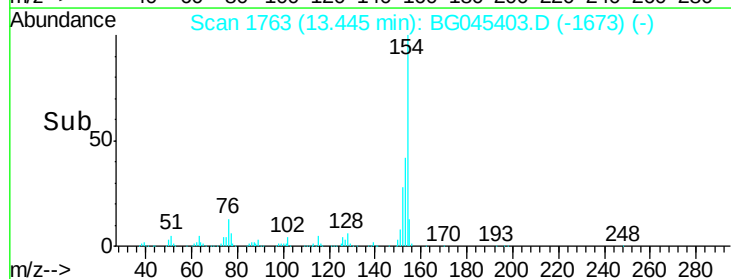
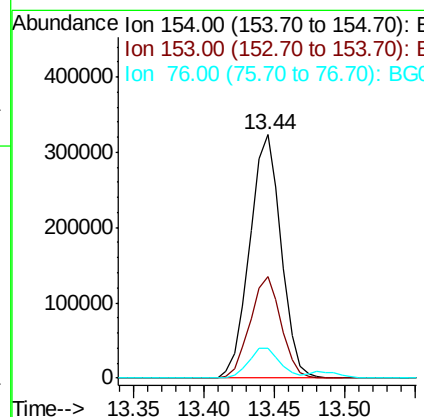
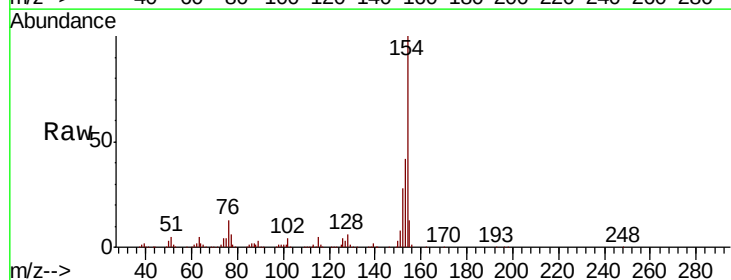
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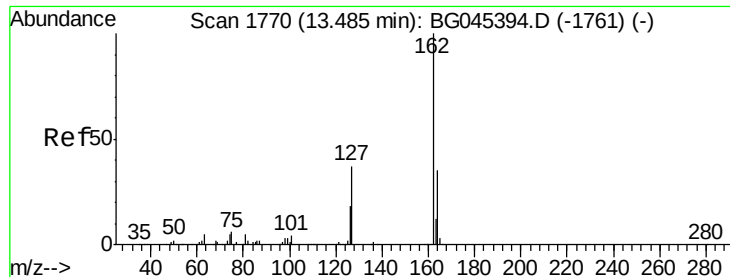
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#46
1,1'-Biphenyl
Concen: 46.522 ng
RT: 13.44 min Scan# 1763
Delta R.T. 0.00 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	22.2	62.2
76	12.5	0.0	32.4





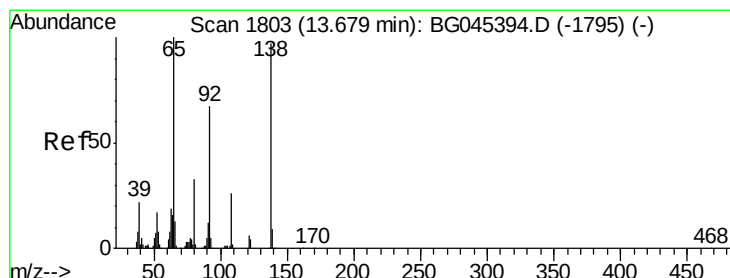
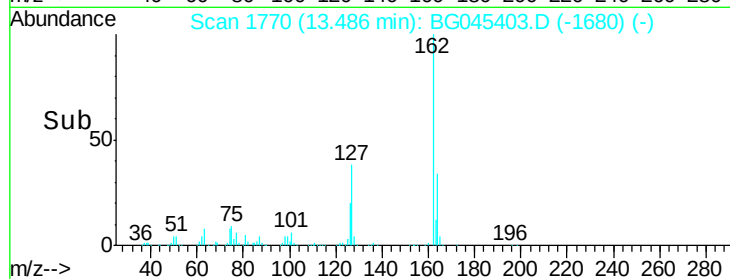
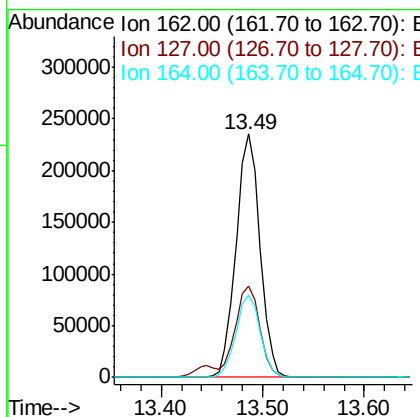
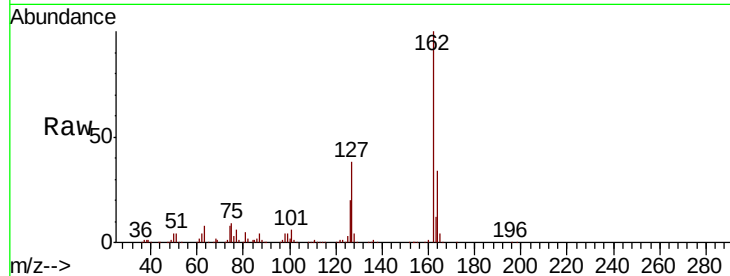
#47
2-Chloronaphthalene
Concen: 43.810 ng
RT: 13.49 min Scan# 1770
Delta R.T. 0.00 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Instrument :
BNA_G
ClientSampleId :
PB128906BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	37.8	31.6	47.4
164	34.1	28.1	42.1

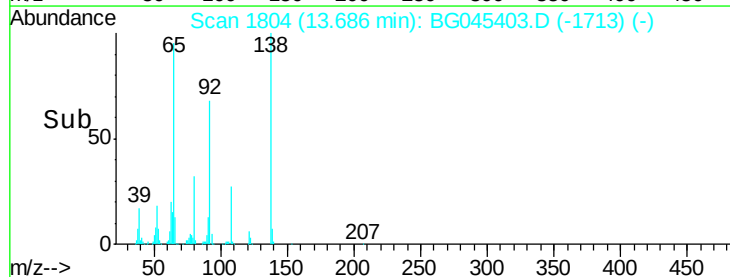
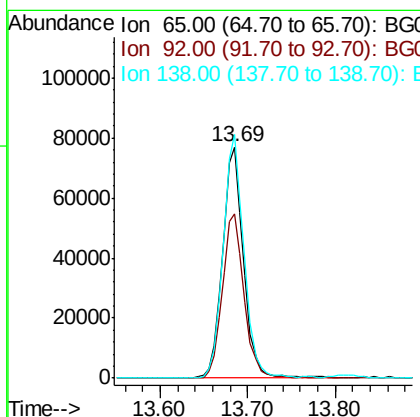
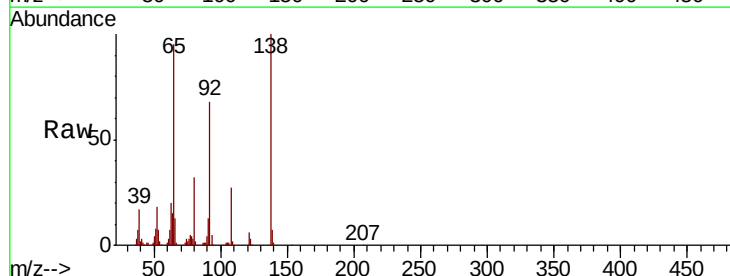
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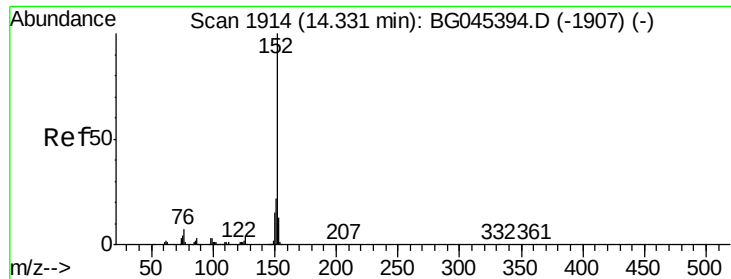
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#48
2-Nitroaniline
Concen: 43.979 ng
RT: 13.69 min Scan# 1804
Delta R.T. 0.01 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	71.2	53.8	80.8
138	105.3	77.9	116.9





#49

Acenaphthylene

Concen: 45.304 ng

RT: 14.33 min Scan# 1914

Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

Instrument :

BNA_G

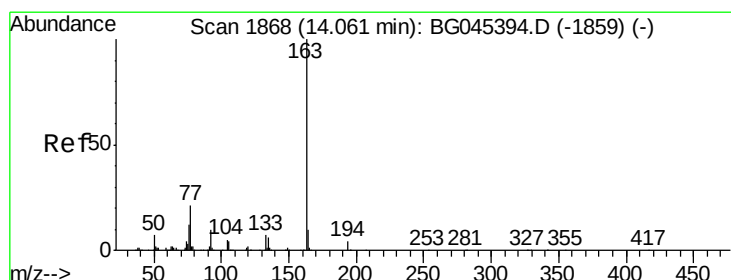
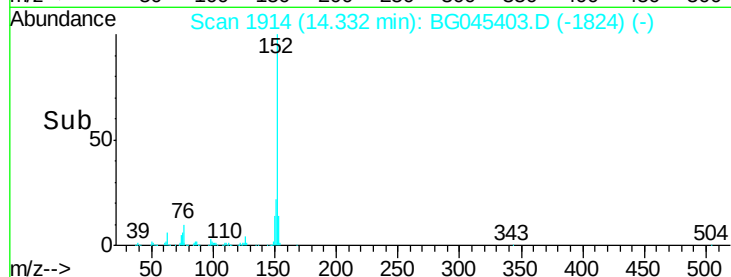
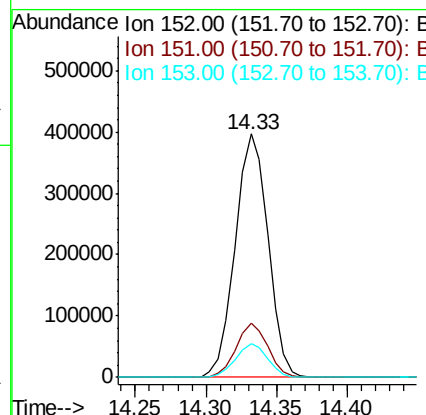
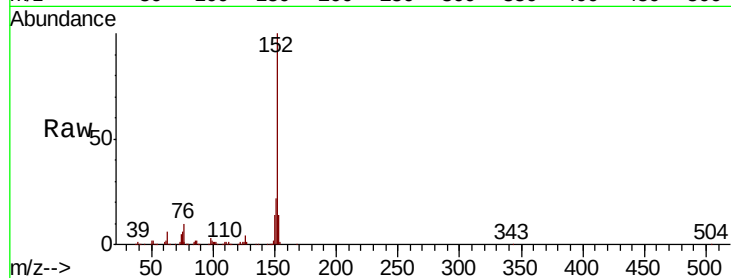
ClientSampleId :

PB128906BS

Tot Ion:	152	Resp:	641740
Ion Ratio	Lower	Upper	
152	100		
151	22.2	17.4	26.2
153	13.6	10.7	16.1

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#50

Dimethylphthalate

Concen: 43.694 ng

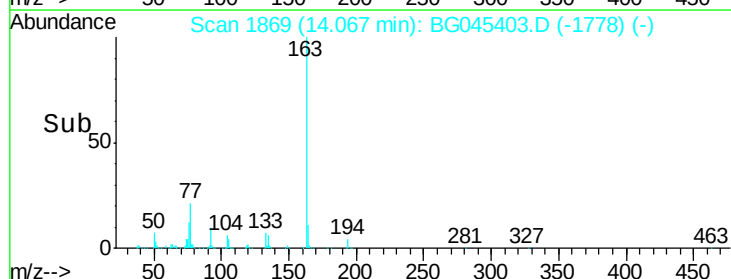
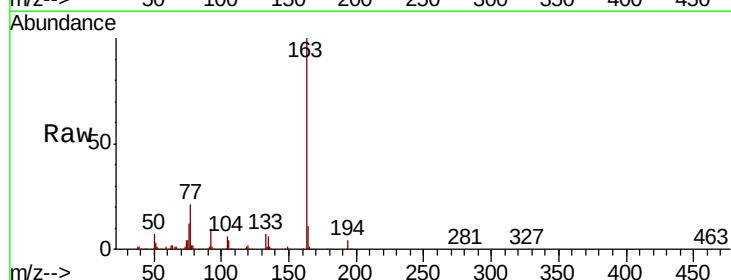
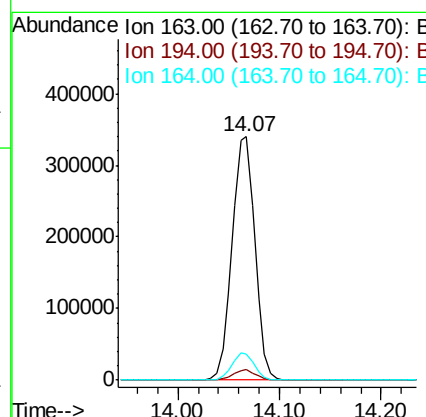
RT: 14.07 min Scan# 1869

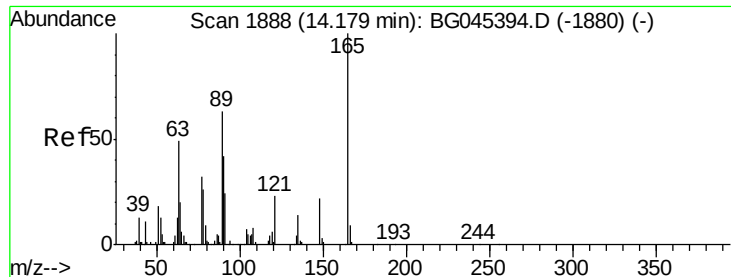
Delta R.T. 0.01 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

Tgt Ion:	163	Resp:	529773
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.2	4.8
164	10.6	8.3	12.5





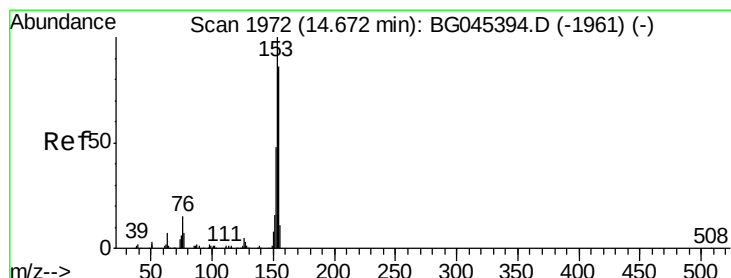
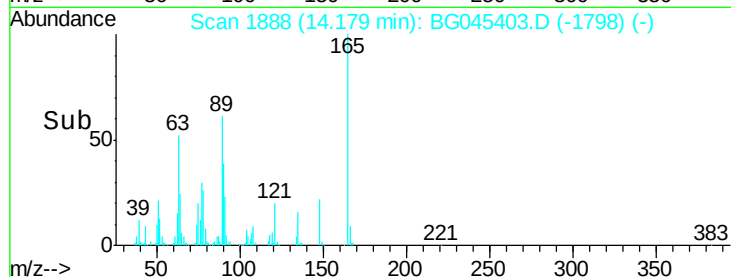
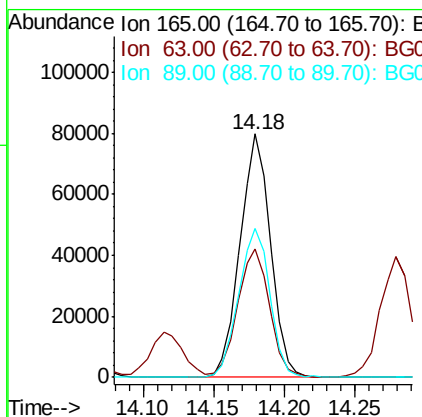
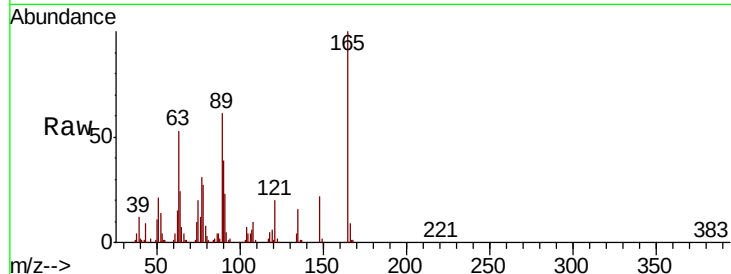
#51
 2,6-Dinitrotoluene
 Concen: 43.991 ng
 RT: 14.18 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: BG045403.D
 Acq: 15 May 2020 19:13

Instrument :
 BNA_G
 ClientSampleId :
 PB128906BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	53.0	45.0	67.4	
89	61.3	50.2	75.4	

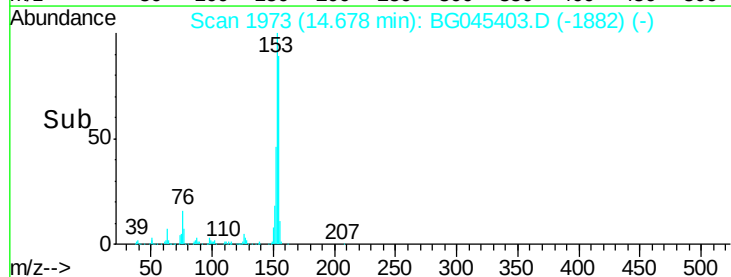
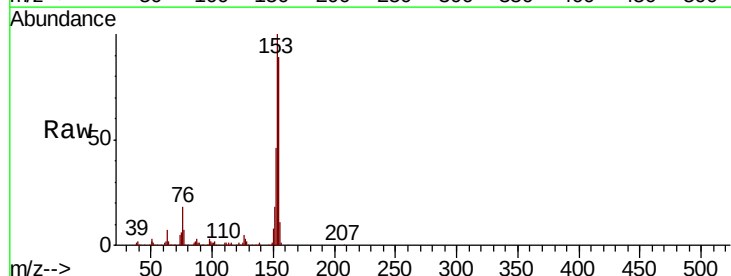
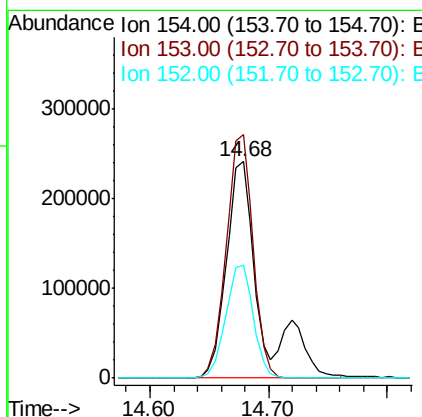
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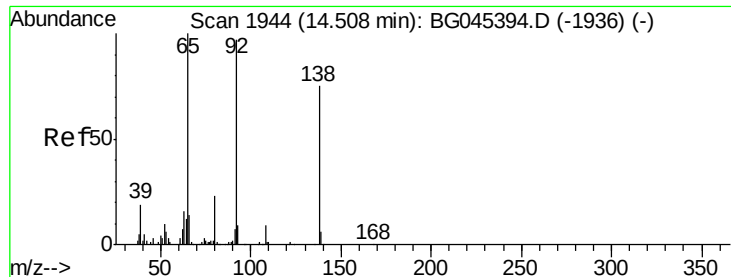
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#52
 Acenaphthene
 Concen: 50.490 ng m
 RT: 14.68 min Scan# 1973
 Delta R.T. 0.01 min
 Lab File: BG045403.D
 Acq: 15 May 2020 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	112.6	92.8	139.2	
152	52.3	44.6	66.8	





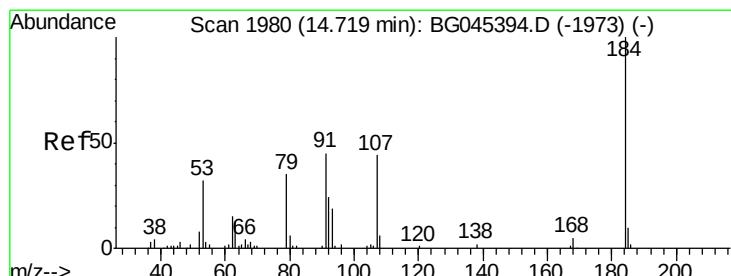
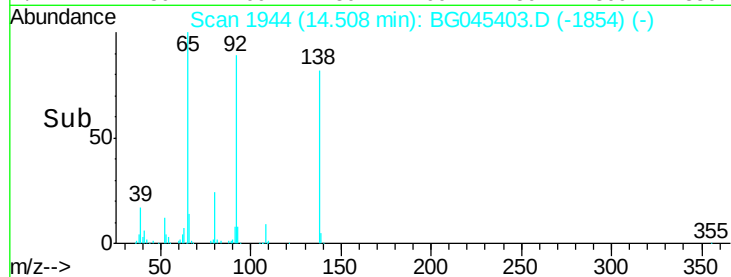
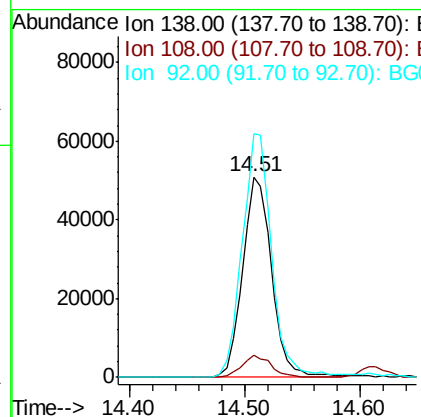
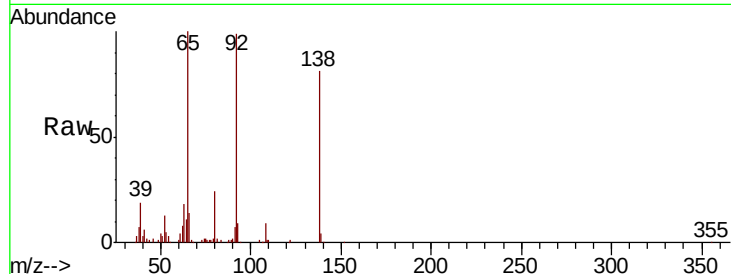
#53
 3-Nitroaniline
 Concen: 31.827 ng
 RT: 14.51 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: BG045403.D
 Acq: 15 May 2020 19:13

Instrument :
 BNA_G
 ClientSampleId :
 PB128906BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.3	9.8	14.6
92	121.6	103.0	154.4

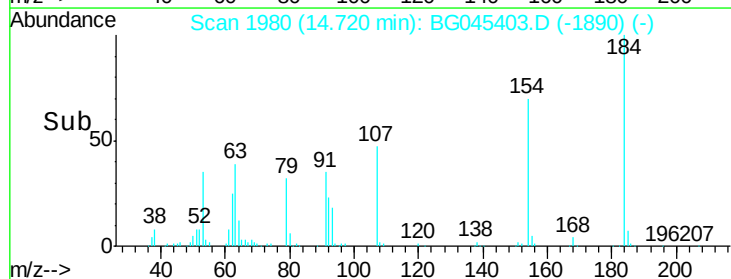
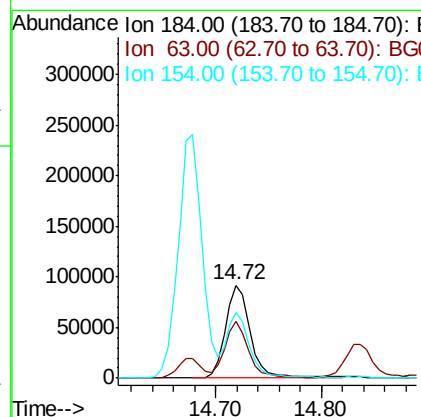
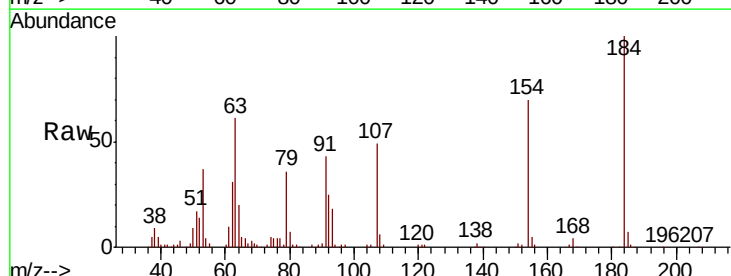
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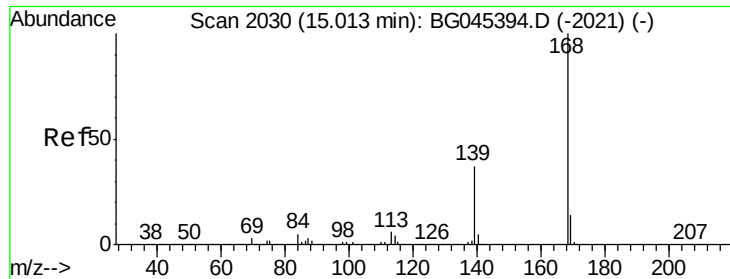
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#54
 2,4-Dinitrophenol
 Concen: 84.118 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. 0.00 min
 Lab File: BG045403.D
 Acq: 15 May 2020 19:13

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.8	47.8	71.6
154	70.0	58.3	87.5





#55

Dibenzofuran

Concen: 43.926 ng

RT: 15.01 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

Instrument :

BNA_G

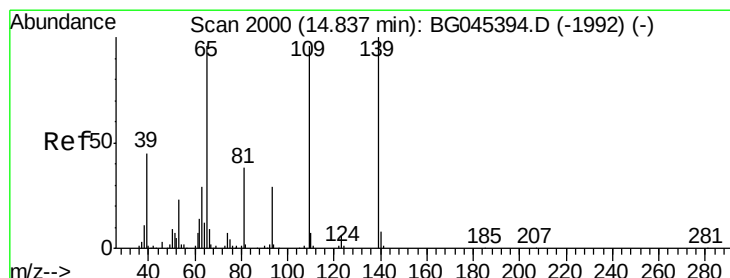
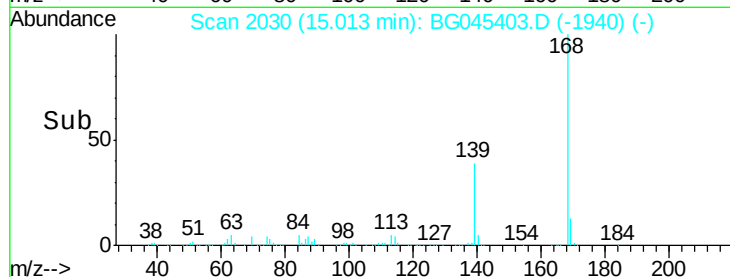
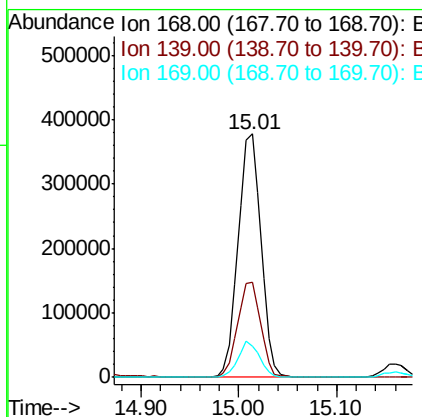
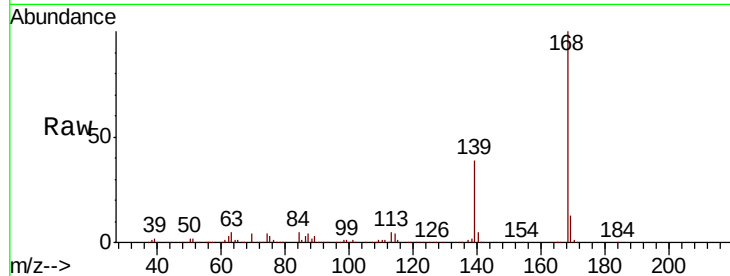
ClientSampleId :

PB128906BS

Tot Ion:	168	Resp:	618521
Ion Ratio	Lower	Upper	
168	100		
139	39.2	29.9	44.9
169	13.0	10.9	16.3

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#56

4-Nitrophenol

Concen: 91.814 ng

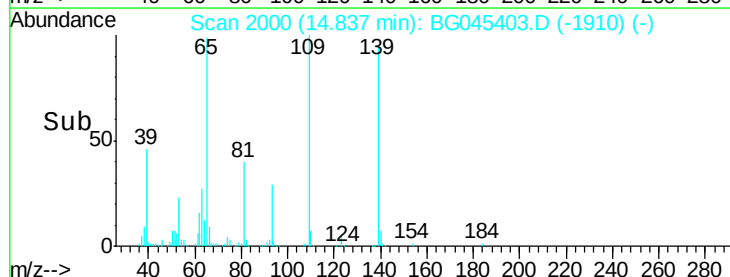
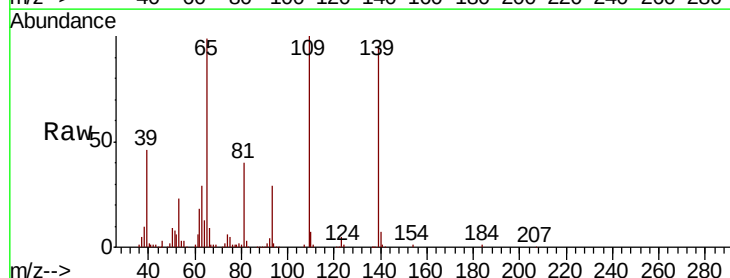
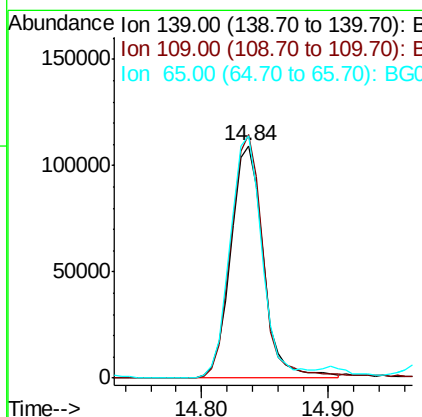
RT: 14.84 min Scan# 2000

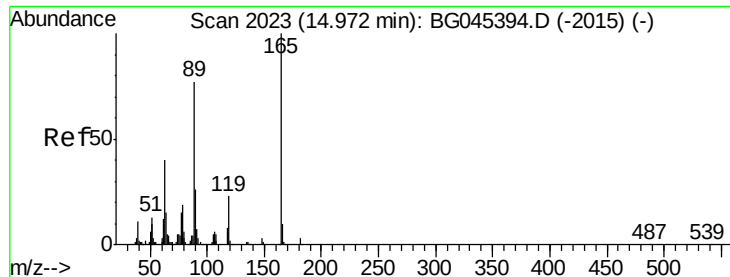
Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

Tgt Ion:	139	Resp:	193324
Ion Ratio	Lower	Upper	
139	100		
109	104.8	75.6	115.6
65	104.3	76.8	116.8





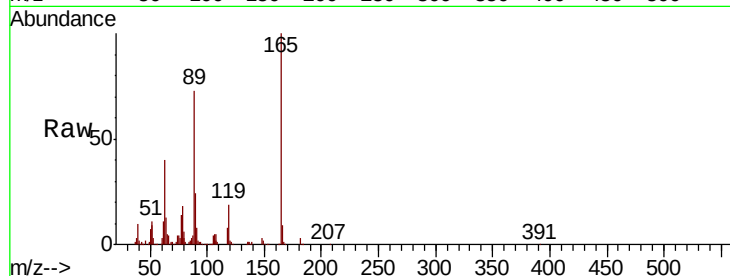
#57
2,4-Dinitrotoluene
Concen: 43.518 ng
RT: 14.97 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Instrument :
BNA_G
ClientSampleId :
PB128906BS

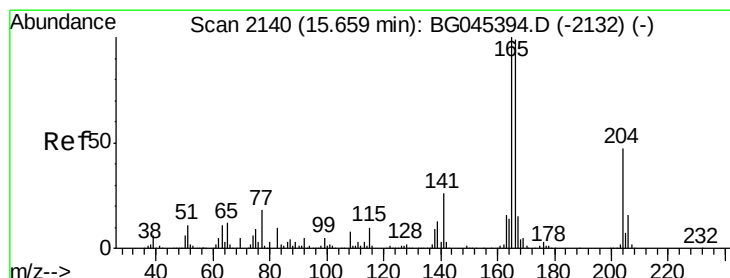
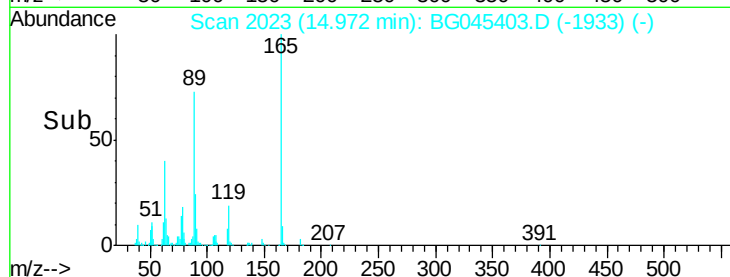
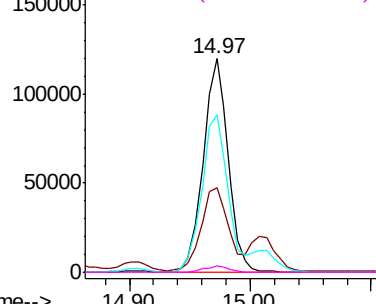
Tot Ion	Ratio	Lower	Upper
165	100		
63	39.5	32.5	48.7
89	73.5	61.8	92.6
182	3.1	2.3	3.5

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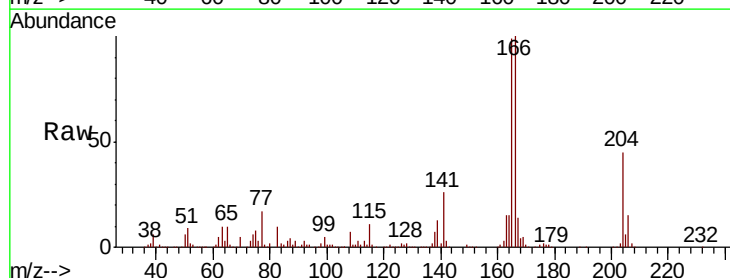


Abundance Ion 165.00 (164.70 to 165.70): E

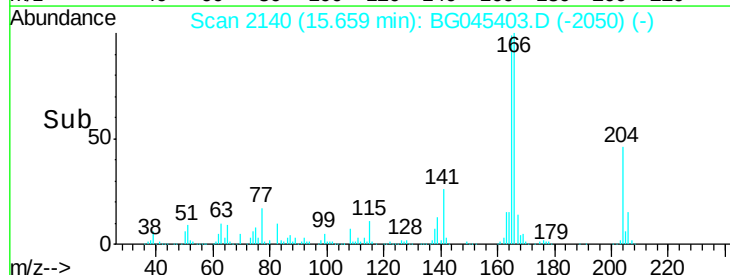
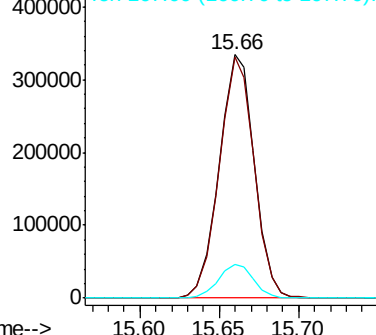


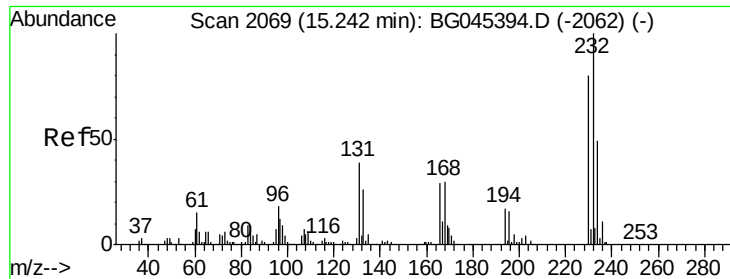
#58
Fluorene
Concen: 44.447 ng
RT: 15.66 min Scan# 2140
Delta R.T. 0.00 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.1	80.8	121.2
167	13.9	12.0	18.0



Abundance Ion 166.00 (165.70 to 166.70): E





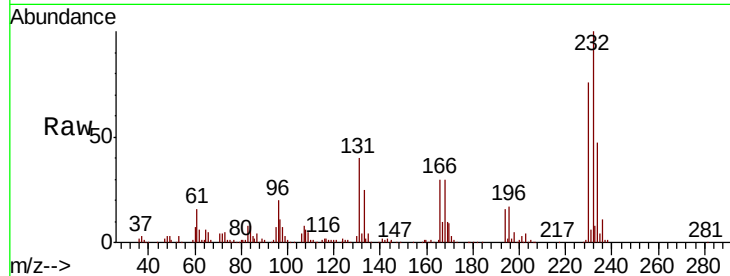
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.175 ng
 RT: 15.24 min Scan# 2069
 Delta R.T. 0.00 min
 Lab File: BG045403.D
 Acq: 15 May 2020 19:13

Instrument :
 BNA_G
 ClientSampleId :
 PB128906BS

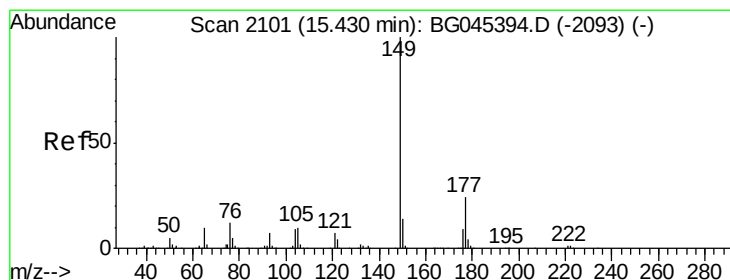
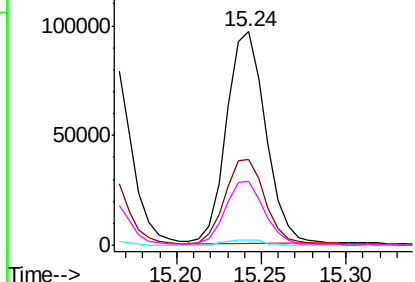
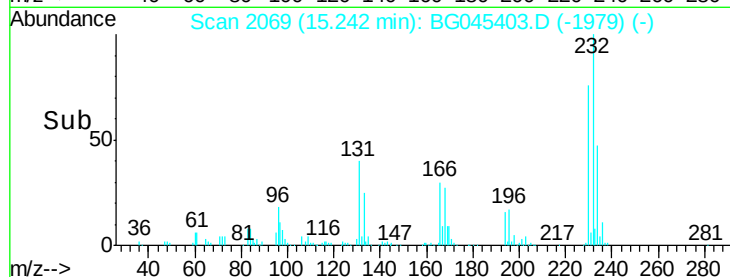
Tot Ion:	232	Resp:	155750
Ion Ratio	Lower	Upper	
232	100		
131	41.3	33.7	50.5
130	2.7	2.1	3.1
166	30.9	23.2	34.8

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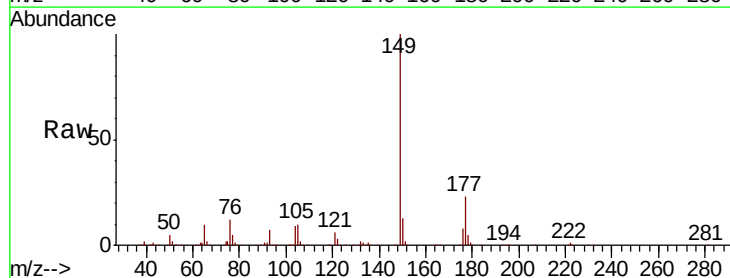


Abundance Ion 232.00 (231.70 to 232.70): E
 150000
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

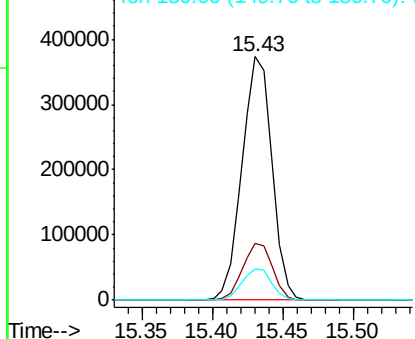
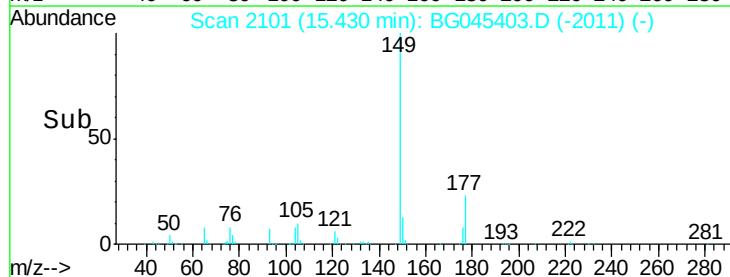


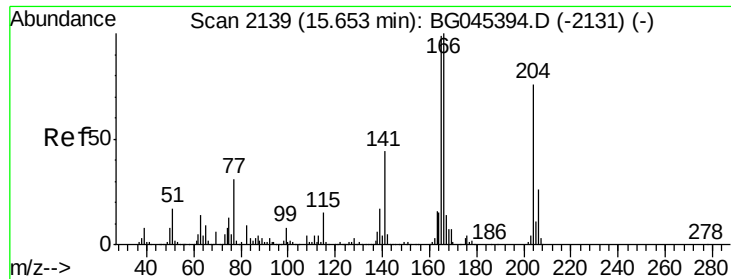
#60
 Diethylphthalate
 Concen: 43.973 ng
 RT: 15.43 min Scan# 2101
 Delta R.T. 0.00 min
 Lab File: BG045403.D
 Acq: 15 May 2020 19:13

Tgt Ion:	149	Resp:	554928
Ion Ratio	Lower	Upper	
149	100		
177	23.4	19.0	28.4
150	12.6	11.4	17.0



Abundance Ion 149.00 (148.70 to 149.70): E
 500000
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





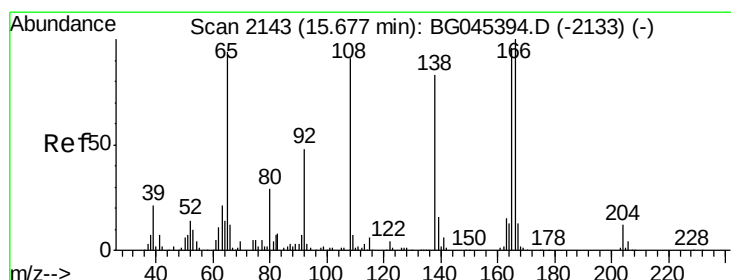
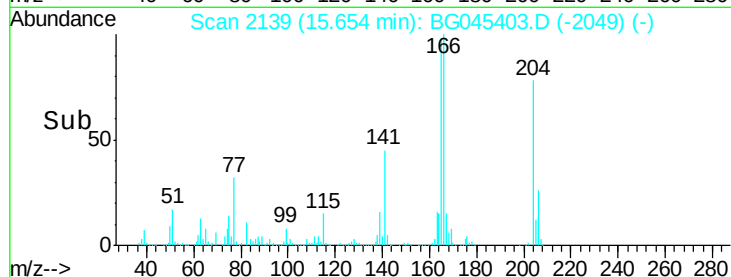
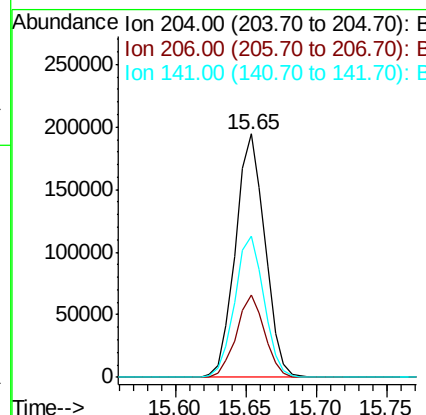
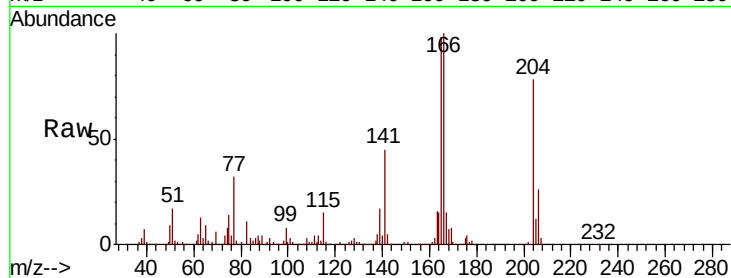
#61
 4-Chlorophenyl-phenylether
 Concen: 42.696 ng
 RT: 15.65 min Scan# 2139
 Delta R.T. 0.00 min
 Lab File: BG045403.D
 Acq: 15 May 2020 19:13

Instrument :
 BNA_G
 ClientSampled :
 PB128906BS

Tot Ion:	204	Resp:	282638
Ion Ratio	Lower	Upper	
204	100		
206	33.7	27.3	40.9
141	58.2	45.9	68.9

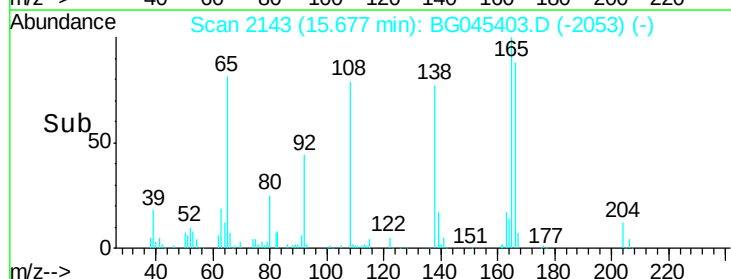
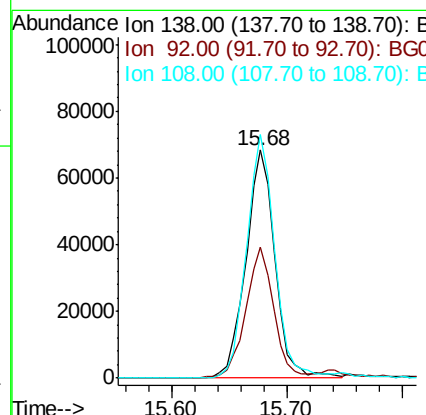
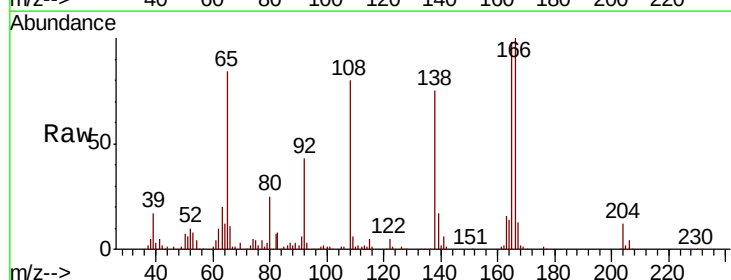
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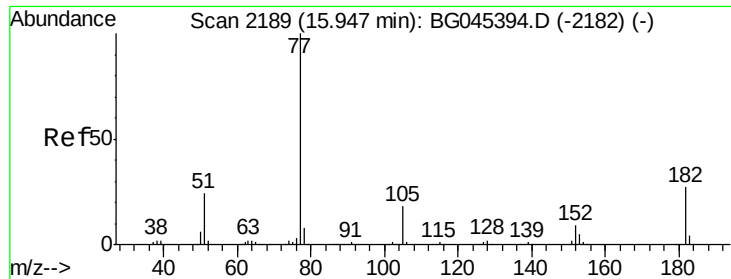
mohammad
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#62
 4-Nitroaniline
 Concen: 41.324 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: BG045403.D
 Acq: 15 May 2020 19:13

Tgt Ion:	138	Resp:	119981
Ion Ratio	Lower	Upper	
138	100		
92	57.3	38.0	78.0
108	107.0	89.3	129.3





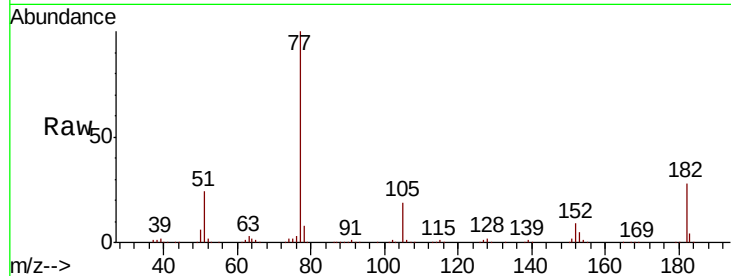
#63
Azobenzene
Concen: 44.284 ng
RT: 15.95 min Scan# 2189
Delta R.T. 0.00 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Instrument :
BNA_G
ClientSampleId :
PB128906BS

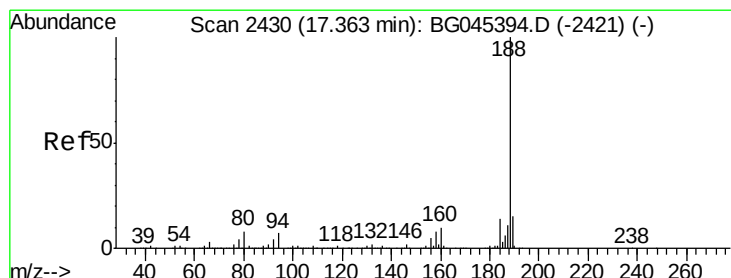
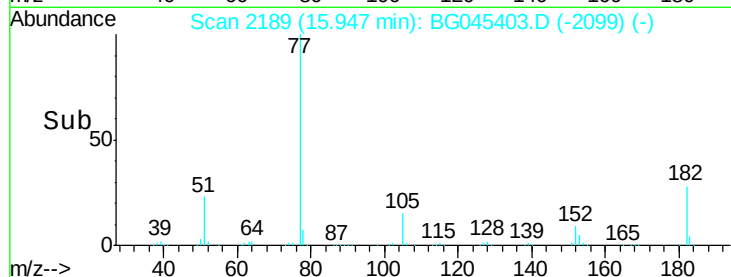
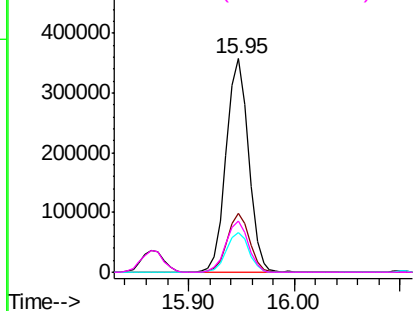
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		521094		
182	27.5	6.5	46.5		
105	18.9	0.0	37.9		
51	23.9	4.1	44.1		

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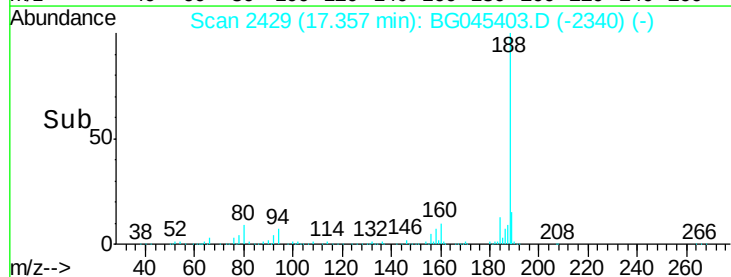
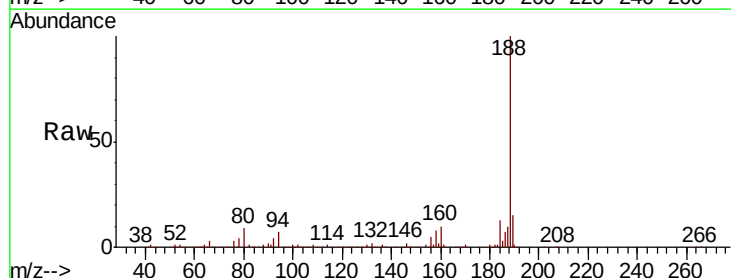
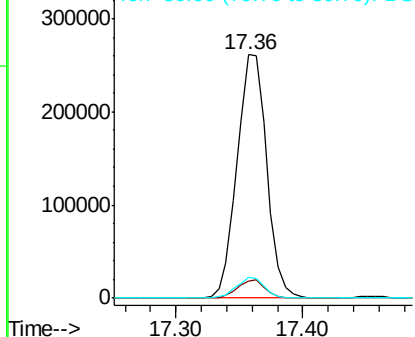
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

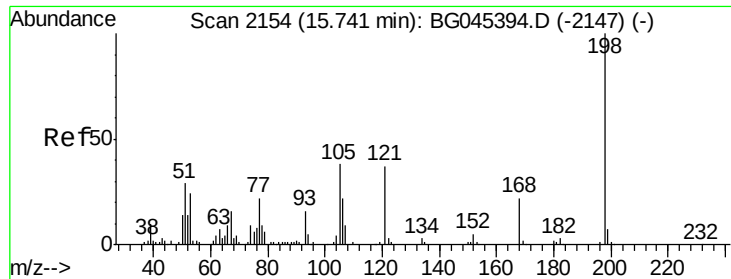


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		422879		
94	6.9	5.5	8.3		
80	8.6	6.6	10.0		

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





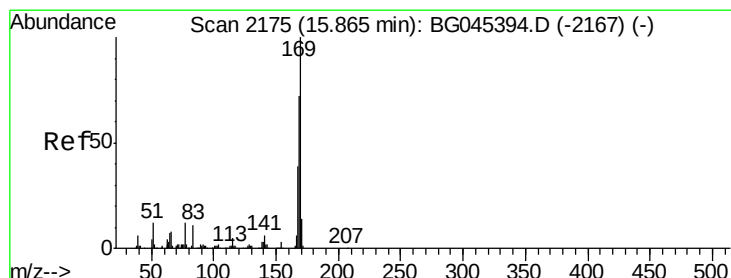
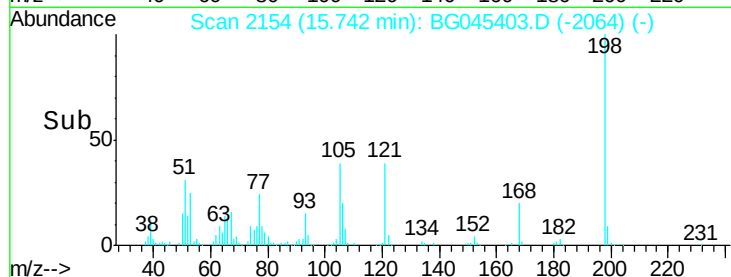
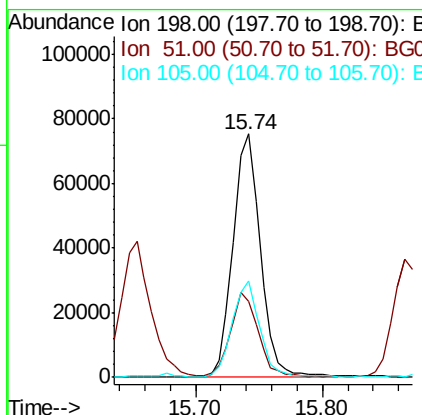
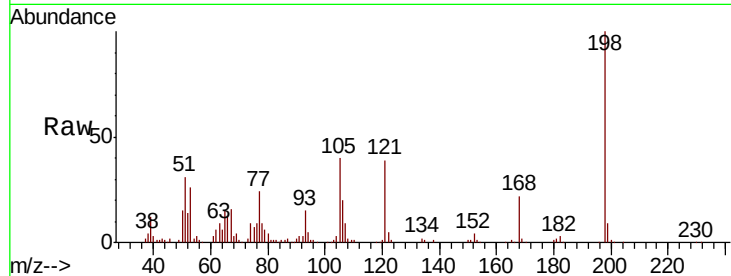
#65
4,6-Dinitro-2-methylphenol
Concen: 45.825 ng
RT: 15.74 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Instrument :
BNA_G
ClientSampled :
PB128906BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	112859		
51	31.0		10.0	50.0
105	39.6		18.9	58.9

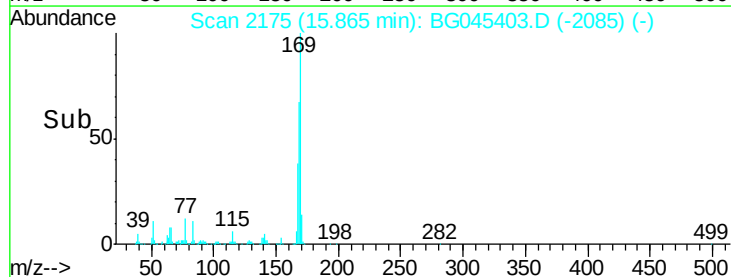
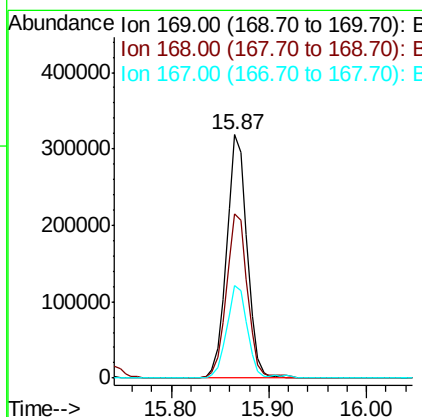
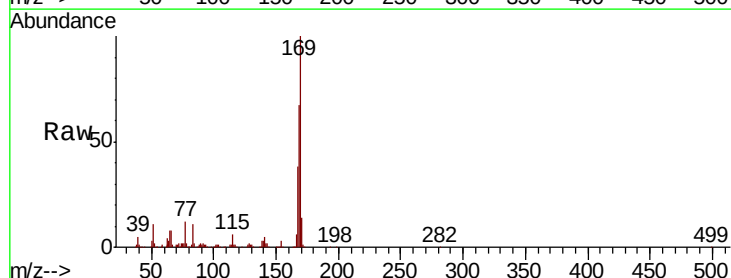
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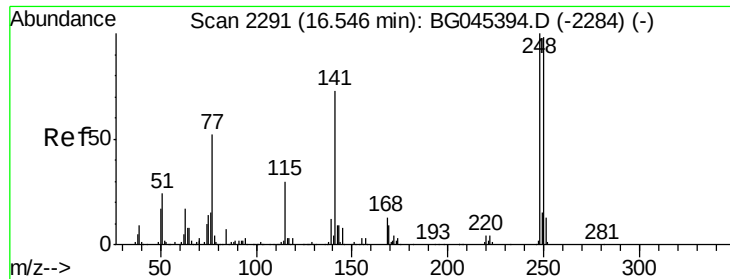
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#66
n-Nitrosodiphenylamine
Concen: 45.200 ng
RT: 15.87 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	458928		
168	67.3		57.8	86.6
167	38.0		31.5	47.3





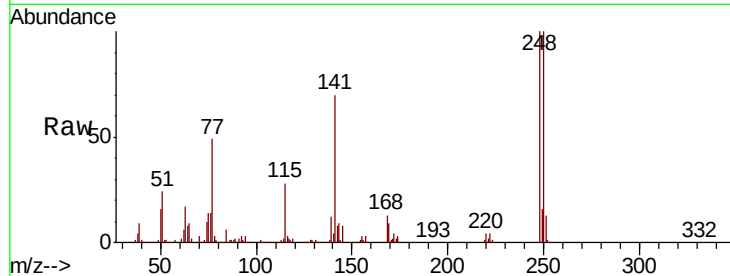
#67
4-Bromophenyl-phenylether
Concen: 42.630 ng
RT: 16.55 min Scan# 2291
Delta R.T. 0.00 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Instrument :
BNA_G
ClientSampleId :
PB128906BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.6	78.6	117.8
141	69.8	58.2	87.2

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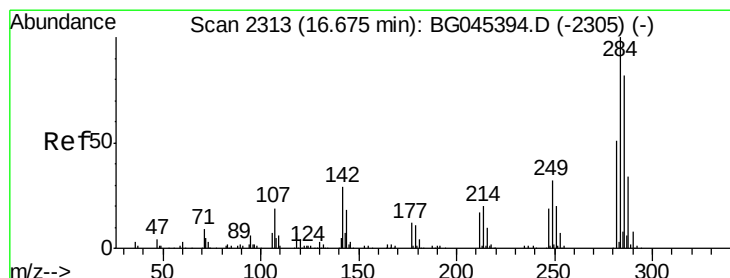
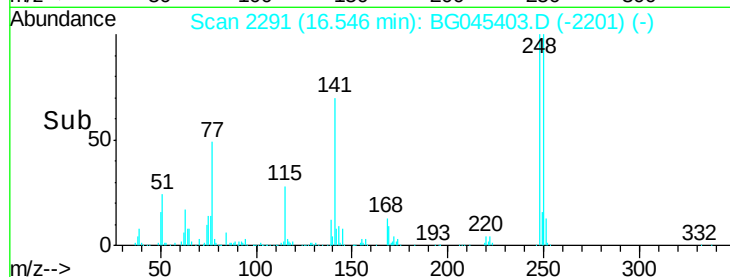
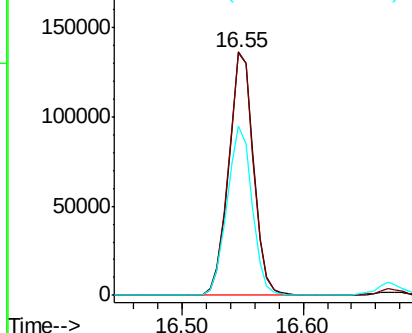


Abundance

Ion 248.00 (247.70 to 248.70): E

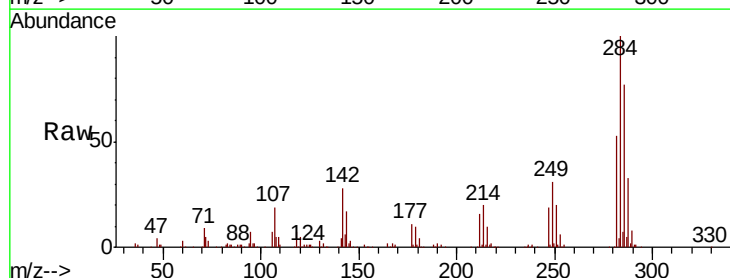
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 44.826 ng
RT: 16.68 min Scan# 2313
Delta R.T. 0.00 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.8	23.0	34.6
249	31.0	25.8	38.6

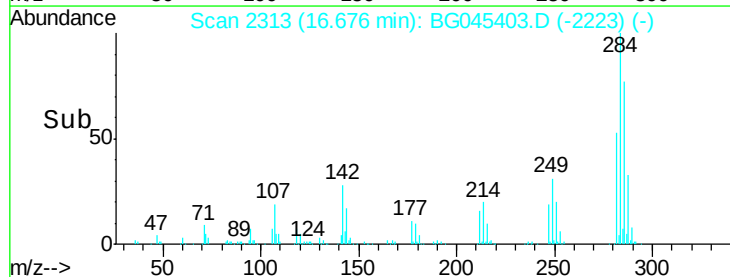
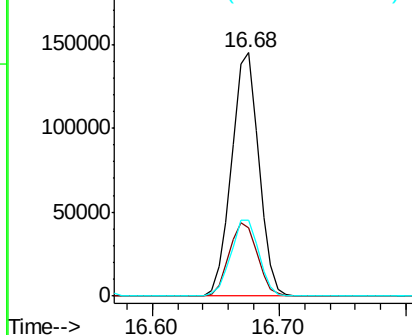


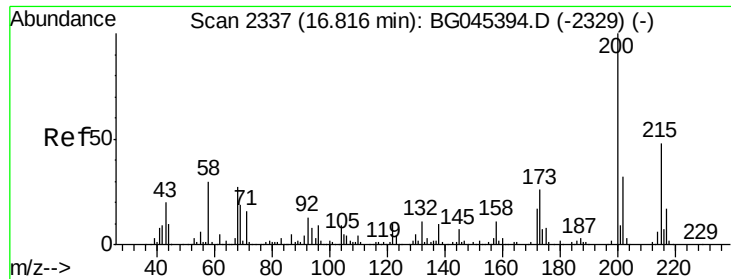
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 43.036 ng

RT: 16.82 min Scan# 2337

Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

Instrument :

BNA_G

ClientSampleId :

PB128906BS

Tot Ion:200 Resp: 179978

Ion Ratio Lower Upper

200 100

173 23.3 5.5 45.5

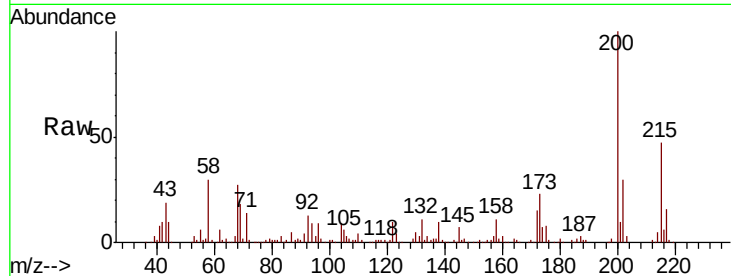
215 47.1 28.2 68.2

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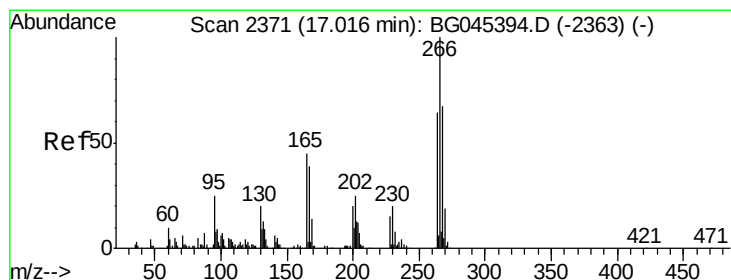
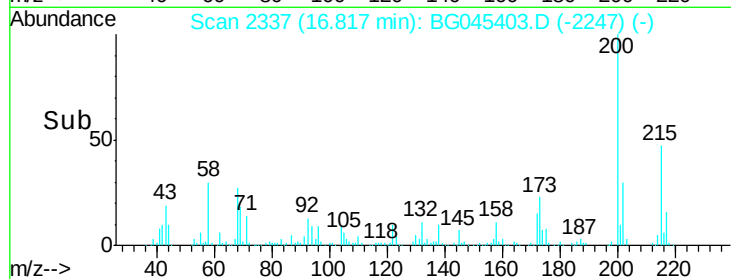
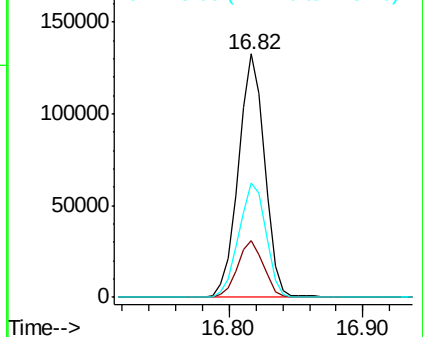
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Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 97.440 ng

RT: 17.02 min Scan# 2371

Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

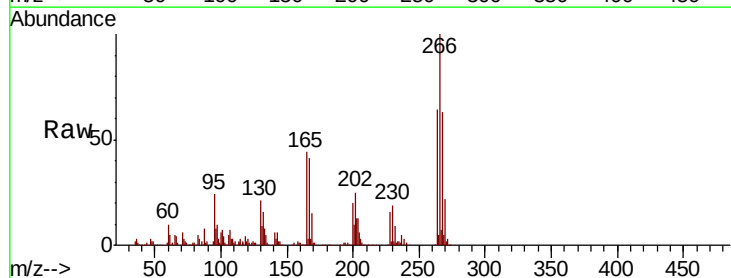
Tgt Ion:266 Resp: 242315

Ion Ratio Lower Upper

266 100

268 63.5 53.2 79.8

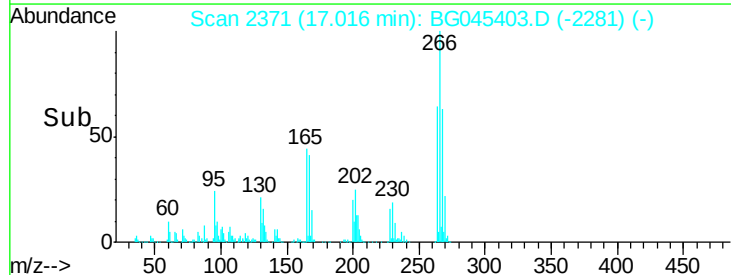
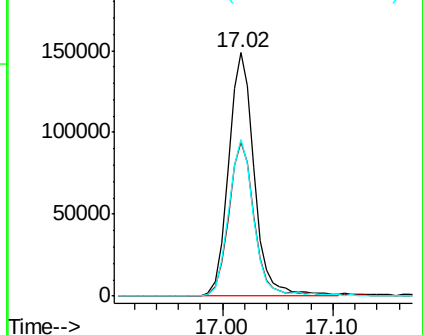
264 64.5 51.0 76.4

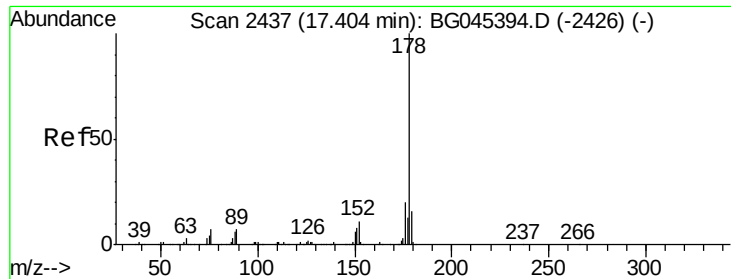


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





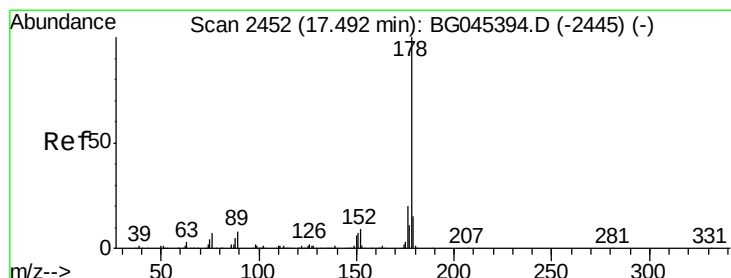
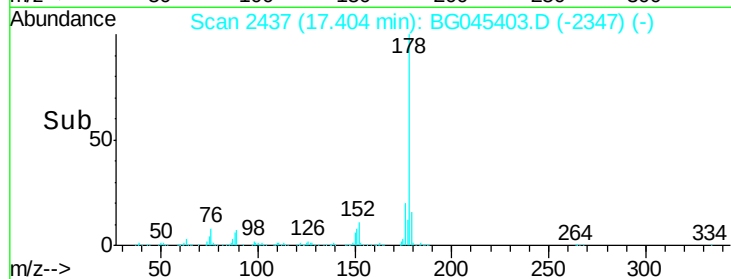
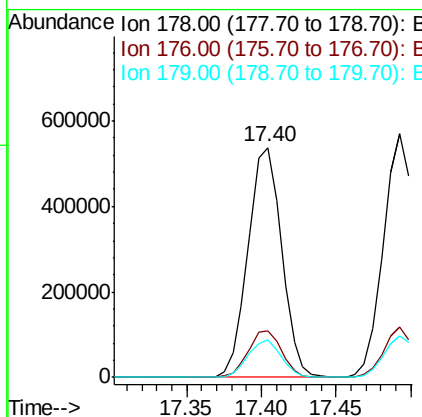
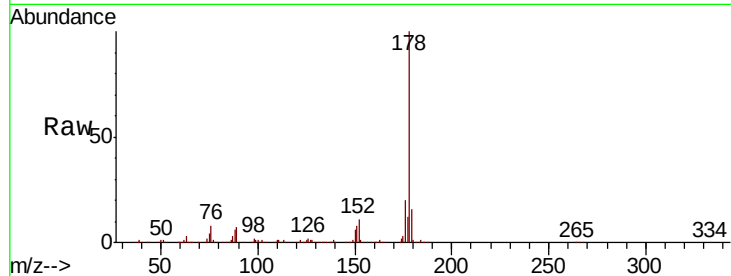
#71
Phenanthrene
Concen: 45.426 ng
RT: 17.40 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Instrument :
BNA_G
ClientSampleId :
PB128906BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.4
179	16.4	13.1	19.7

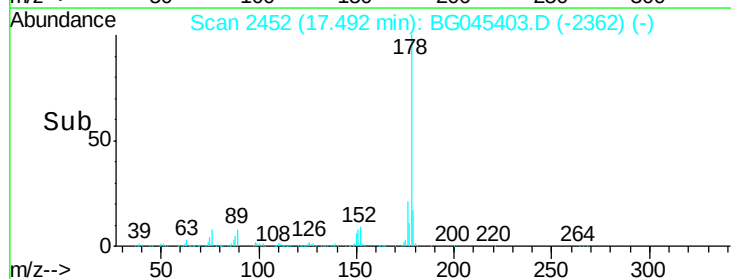
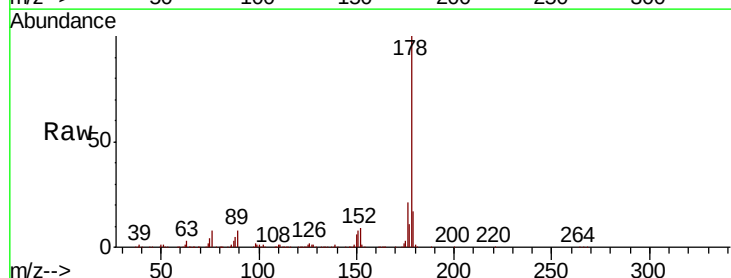
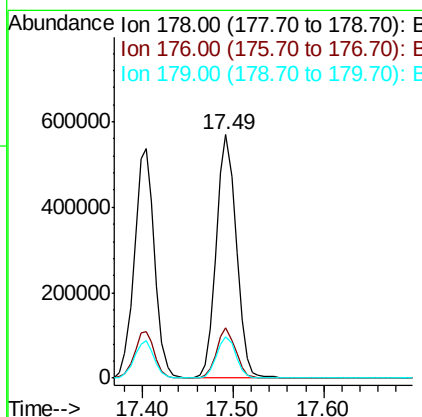
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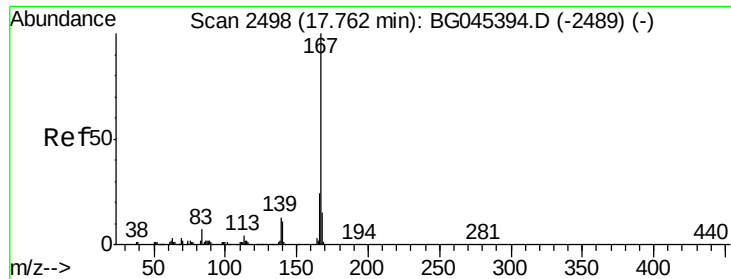
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#72
Anthracene
Concen: 46.928 ng
RT: 17.49 min Scan# 2452
Delta R.T. 0.00 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.8	23.6
179	17.1	12.2	18.4





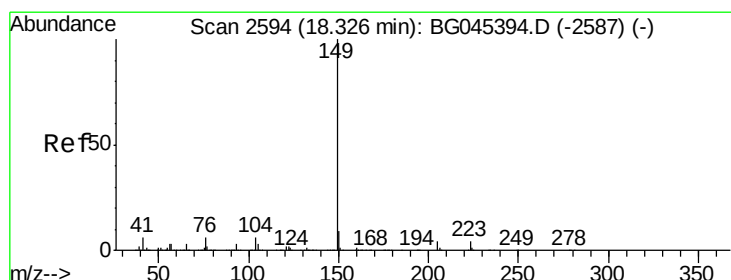
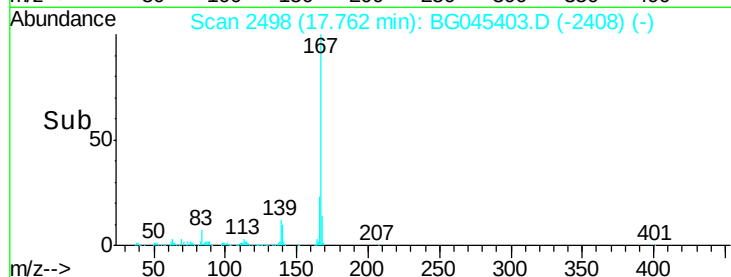
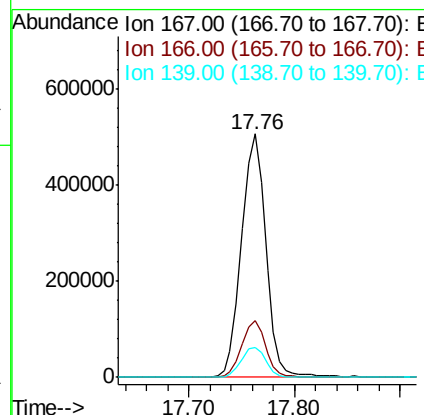
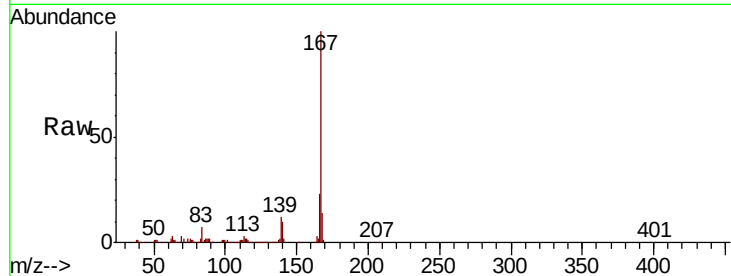
#73
 Carbazole
 Concen: 44.722 ng
 RT: 17.76 min Scan# 2498
 Delta R.T. 0.00 min
 Lab File: BG045403.D
 Acq: 15 May 2020 19:13

Instrument :
 BNA_G
 ClientSampleId :
 PB128906BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.0	19.2	28.8
139	12.4	10.6	16.0

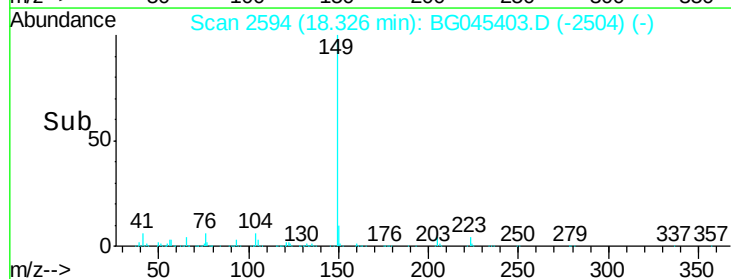
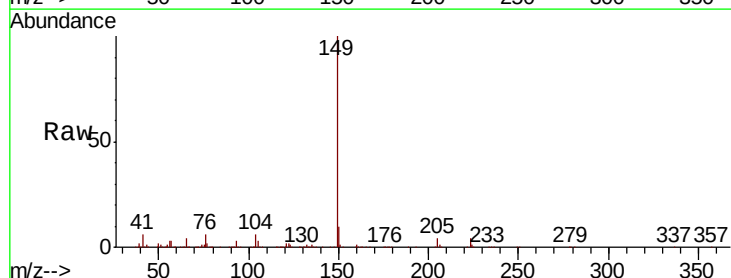
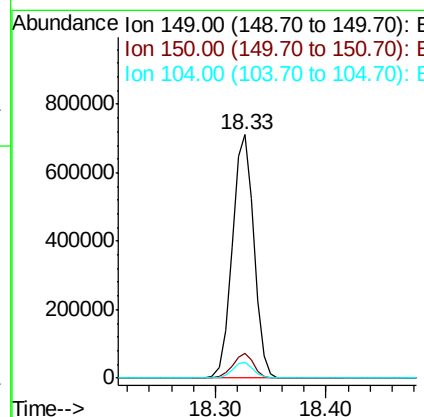
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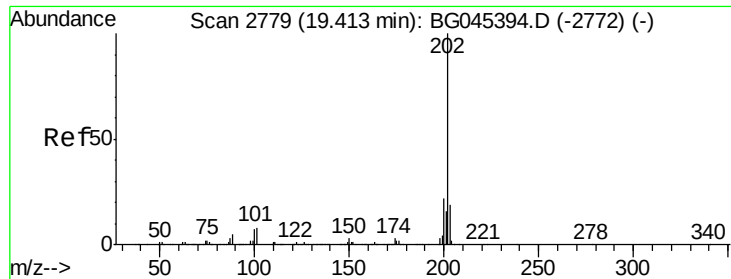
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#74
 Di-n-butylphthalate
 Concen: 44.894 ng
 RT: 18.33 min Scan# 2594
 Delta R.T. 0.00 min
 Lab File: BG045403.D
 Acq: 15 May 2020 19:13

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	7.6	11.4
104	6.4	5.0	7.4





#75

Fluoranthene

Concen: 46.166 ng

RT: 19.41 min Scan# 2779

Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

Instrument :

BNA_G

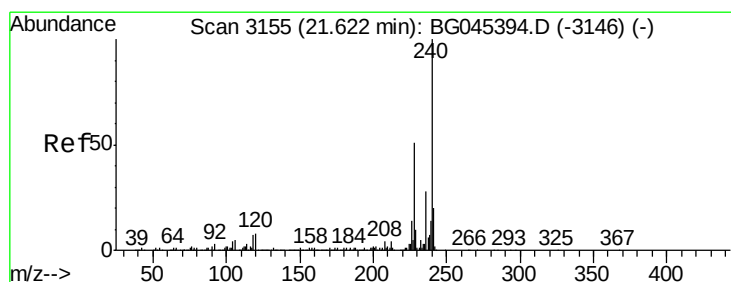
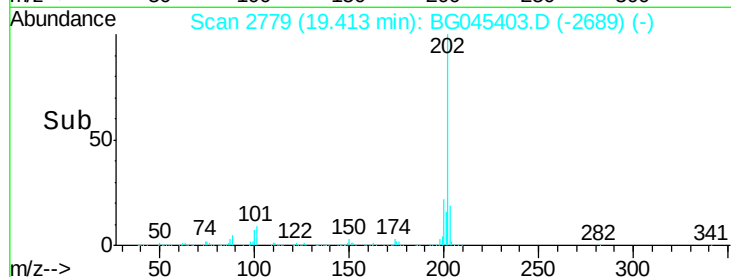
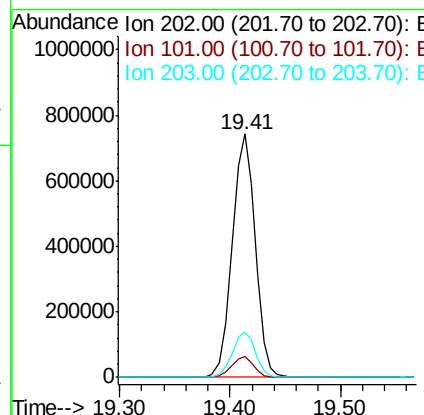
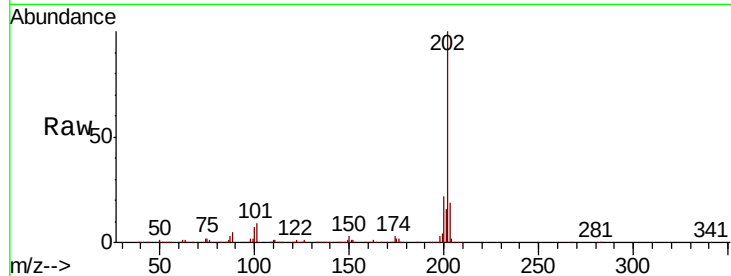
ClientSampleId :

PB128906BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1084031		
101	8.6	0.0	28.3	
203	18.6	0.0	39.0	

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#76

Chrysene-d12

Concen: 20.000 ng

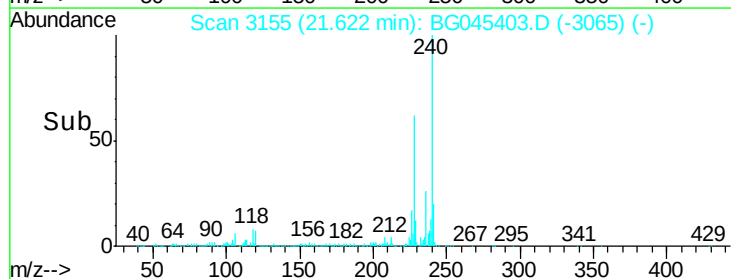
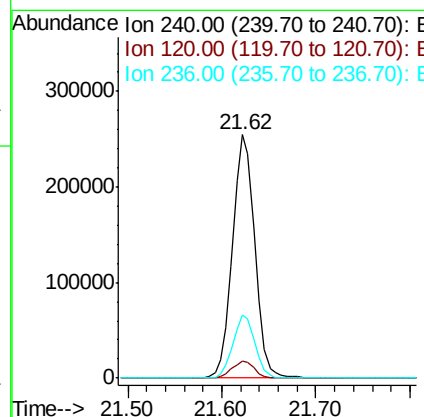
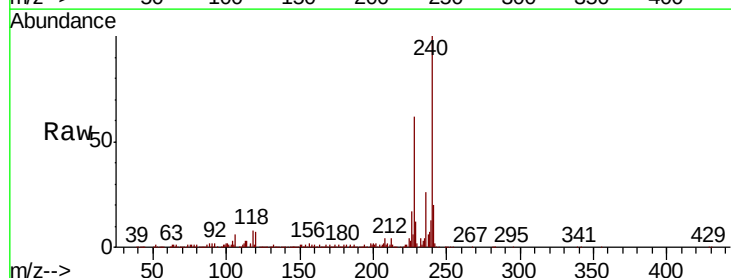
RT: 21.62 min Scan# 3155

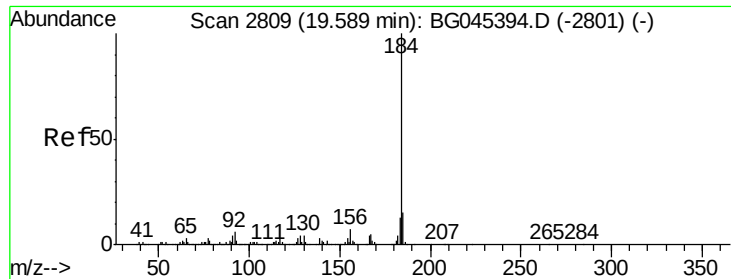
Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	417745		
120	6.7	6.1	9.1	
236	25.8	22.3	33.5	





#77

Benzidine

Concen: 50.501 ng

RT: 19.59 min Scan# 2809

Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

Instrument :

BNA_G

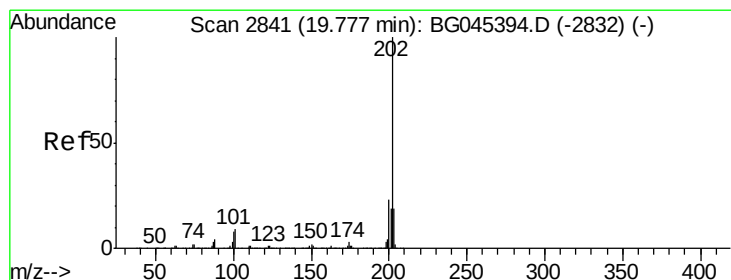
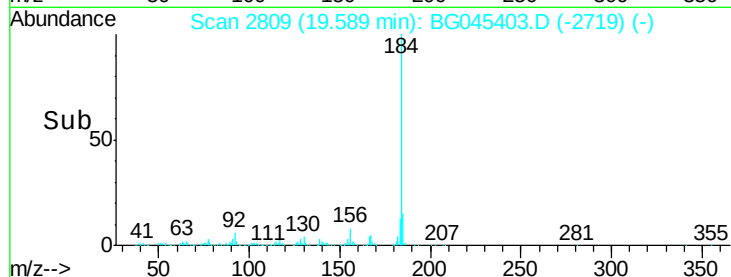
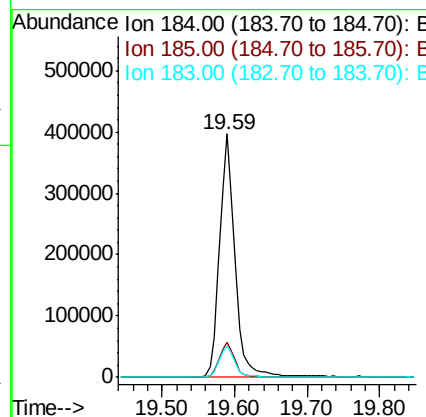
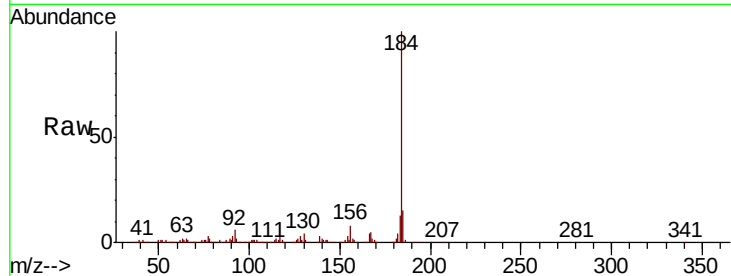
ClientSampleId :

PB128906BS

Tot Ion:	184	Resp:	592508
Ion Ratio	Lower	Upper	
184	100		
185	14.6	11.7	17.5
183	12.7	10.2	15.4

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#78

Pyrene

Concen: 45.463 ng

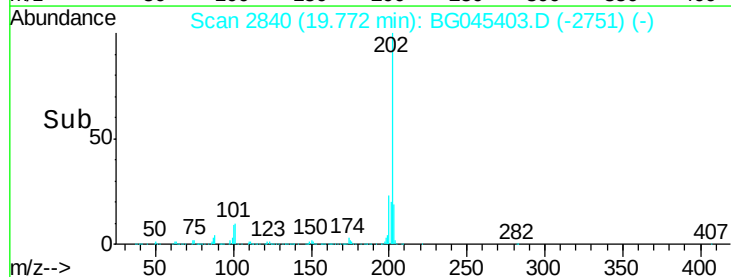
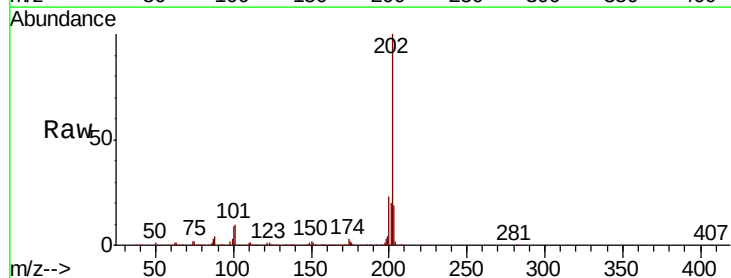
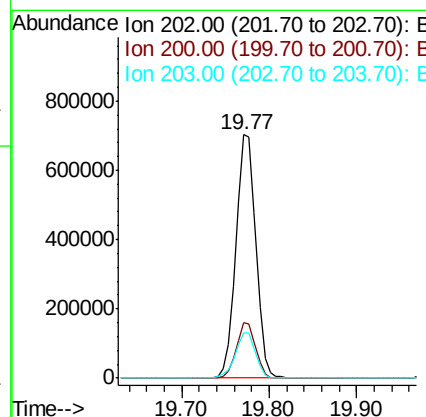
RT: 19.77 min Scan# 2840

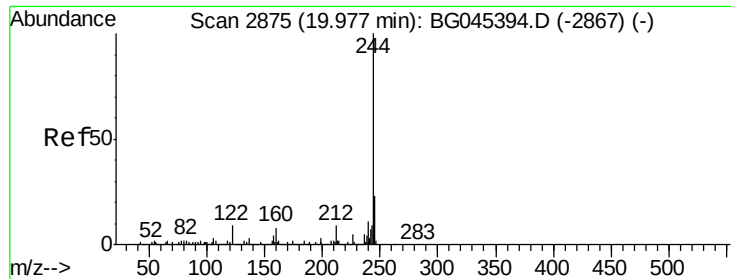
Delta R.T. -0.01 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

Tgt Ion:	202	Resp:	1082608
Ion Ratio	Lower	Upper	
202	100		
200	22.8	18.2	27.2
203	18.8	15.1	22.7





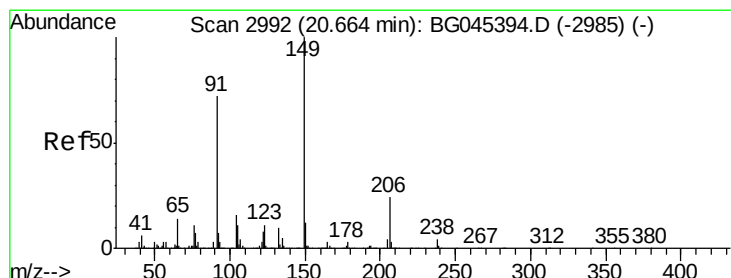
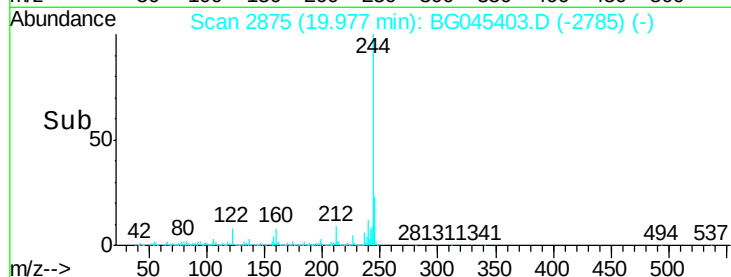
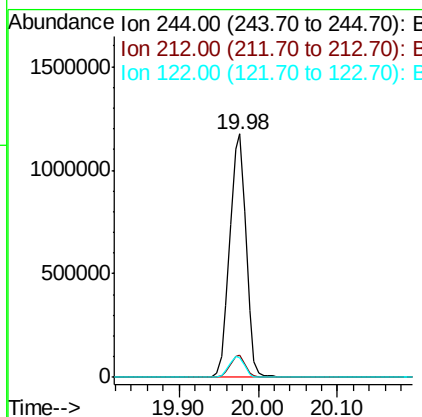
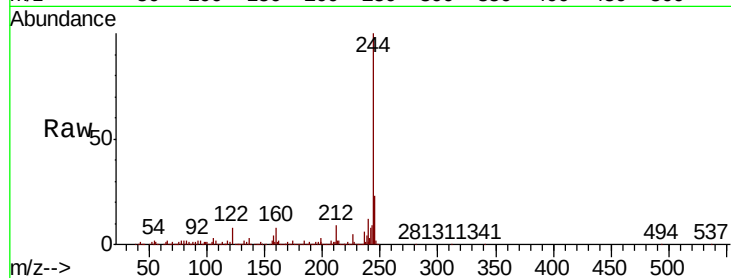
#79
 Terphenyl-d14
 Concen: 93.502 ng
 RT: 19.98 min Scan# 2875
 Delta R.T. 0.00 min
 Lab File: BG045403.D
 Acq: 15 May 2020 19:13

Instrument :
 BNA_G
 ClientSampleId :
 PB128906BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.4	11.0
122	7.9	6.8	10.2

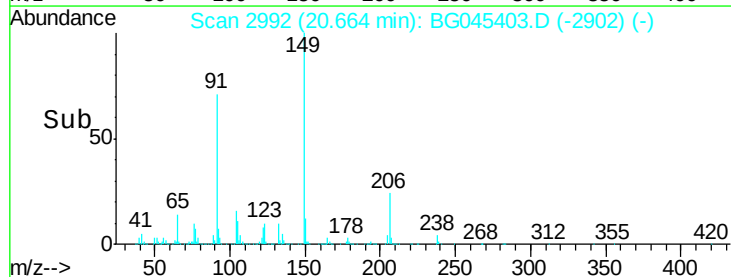
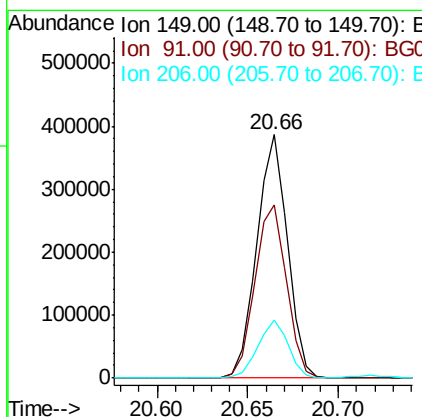
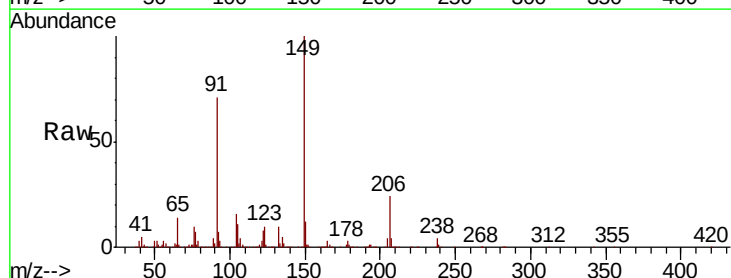
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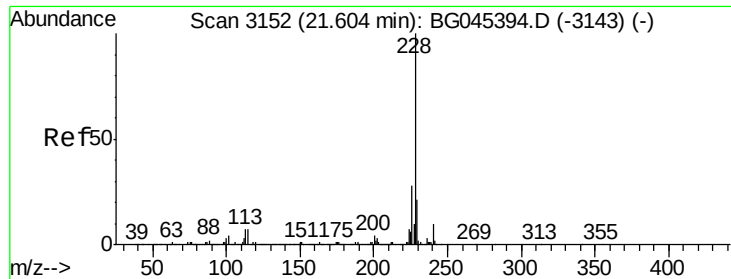
mohammad
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#80
 Butylbenzylphthalate
 Concen: 44.132 ng
 RT: 20.66 min Scan# 2992
 Delta R.T. 0.00 min
 Lab File: BG045403.D
 Acq: 15 May 2020 19:13

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.4	57.8	86.6
206	23.9	19.1	28.7





#81

Benzo(a)anthracene

Concen: 45.677 ng

RT: 21.60 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

Instrument :

BNA_G

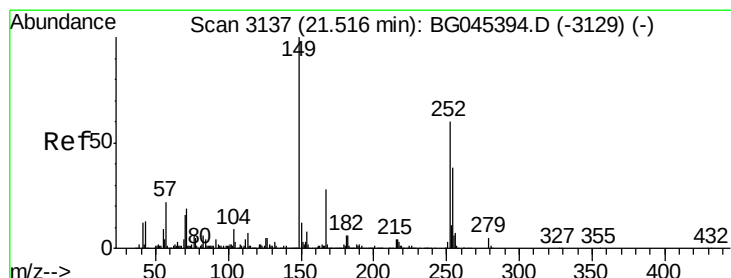
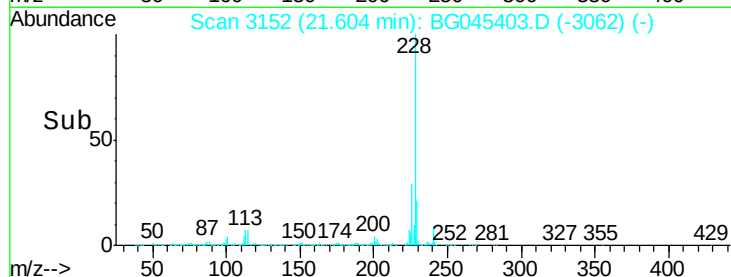
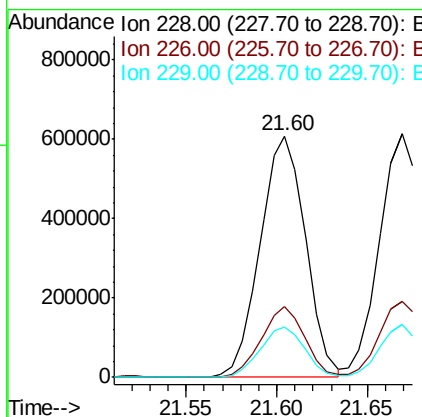
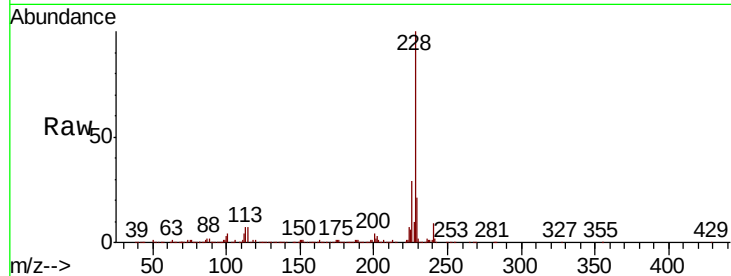
ClientSampleId :

PB128906BS

Tot Ion:	228	Resp:	1062953
Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.7	34.1
229	21.1	16.7	25.1

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#82

3,3'-Dichlorobenzidine

Concen: 34.023 ng

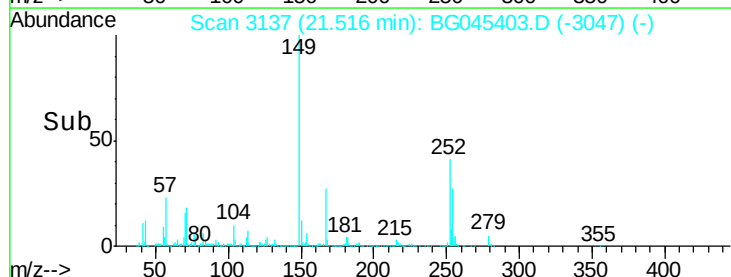
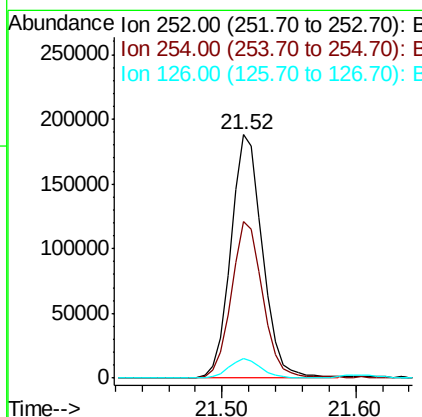
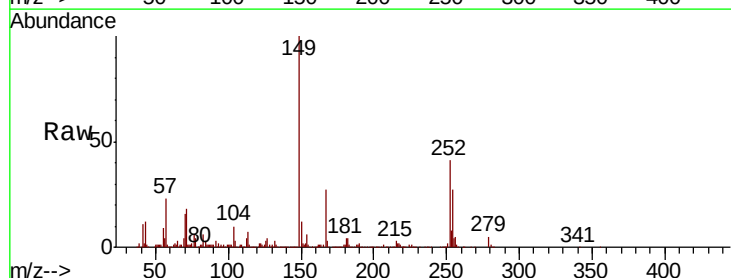
RT: 21.52 min Scan# 3137

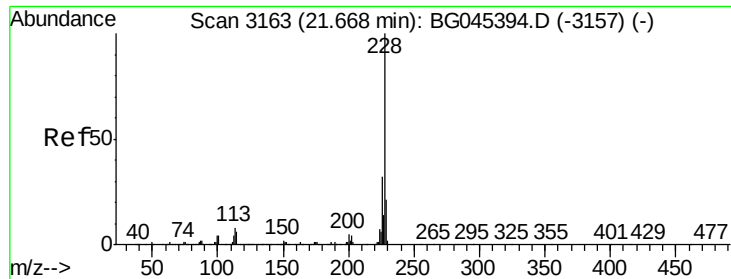
Delta R.T. 0.00 min

Lab File: BG045403.D

Acq: 15 May 2020 19:13

Tgt Ion:	252	Resp:	310575
Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.3	76.9
126	7.8	6.6	10.0





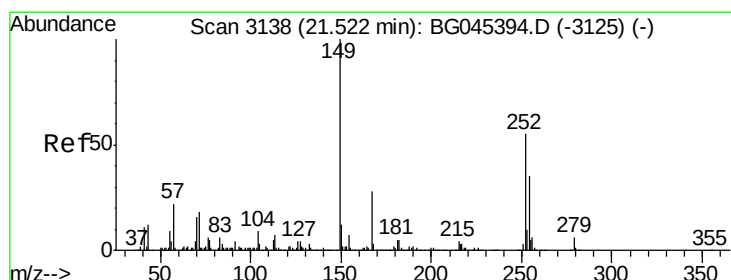
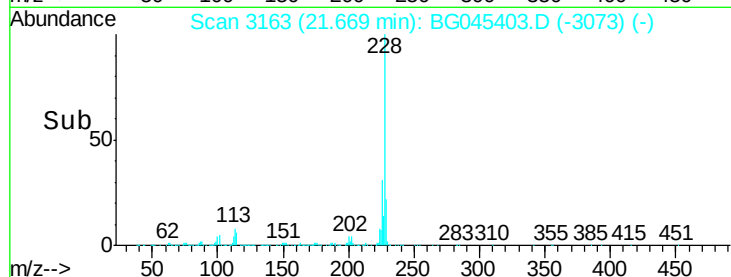
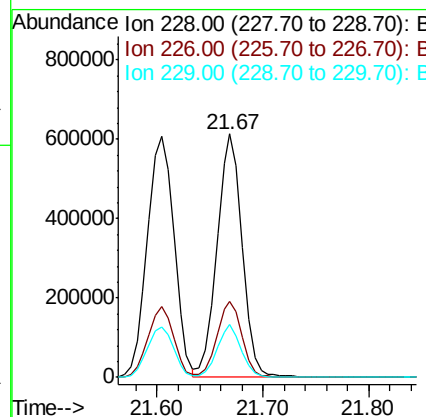
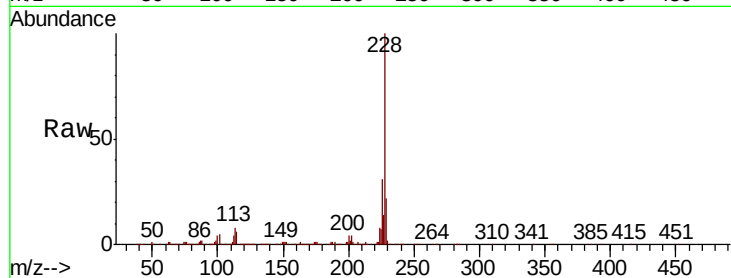
#83
Chrysene
Concen: 45.478 ng
RT: 21.67 min Scan# 3163
Delta R.T. 0.00 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Instrument :
BNA_G
ClientSampleId :
PB128906BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.2	37.8
229	21.6	16.7	25.1

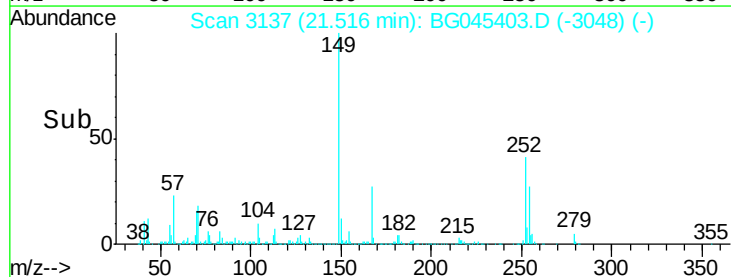
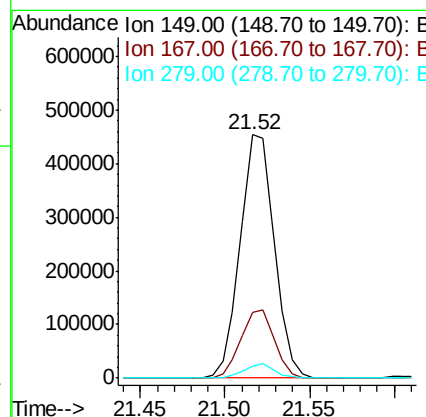
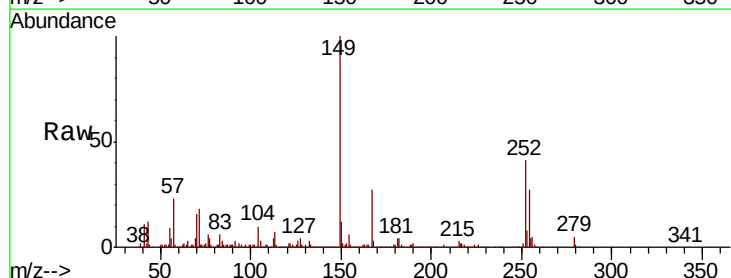
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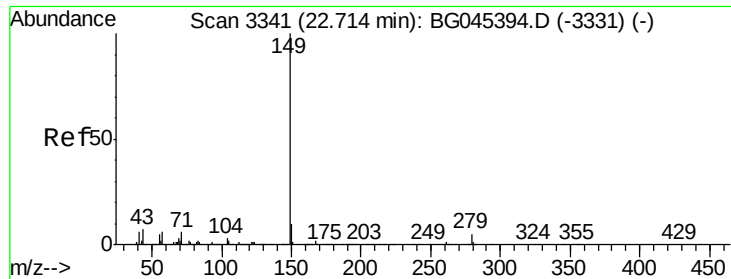
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 45.332 ng
RT: 21.52 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.2	33.2
279	4.7	4.7	7.1#





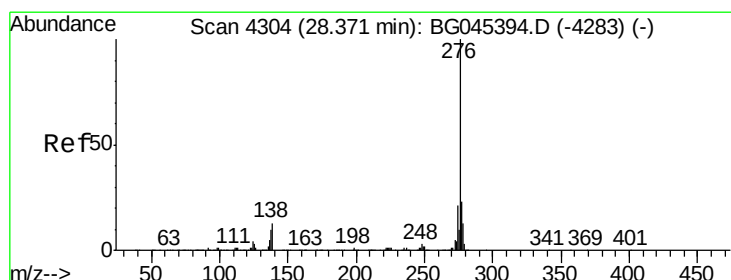
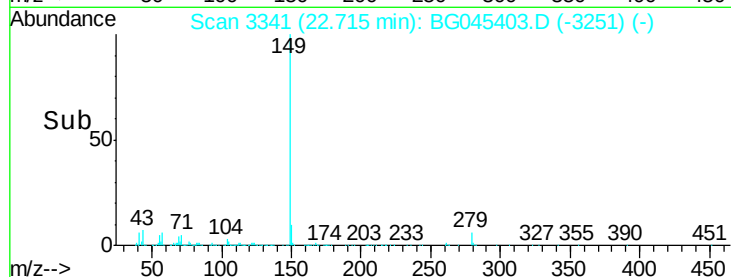
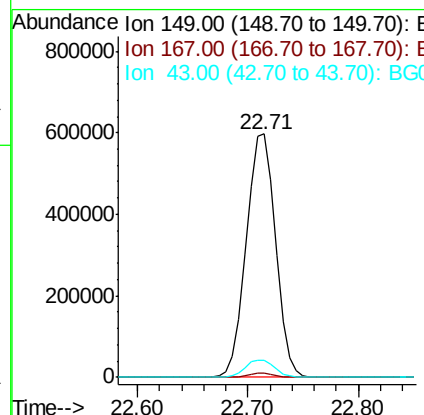
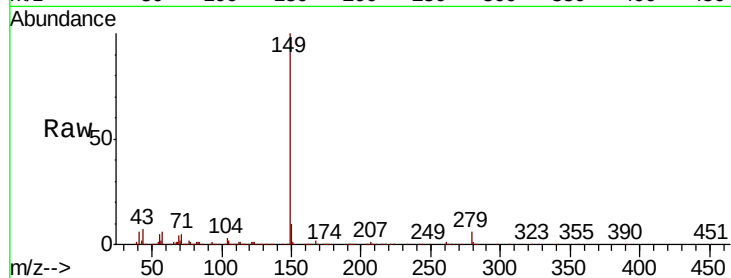
#85
Di-n-octyl phthalate
Concen: 45.909 ng
RT: 22.71 min Scan# 3341
Delta R.T. 0.00 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Instrument :
BNA_G
ClientSampleId :
PB128906BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	7.1	5.8	8.8

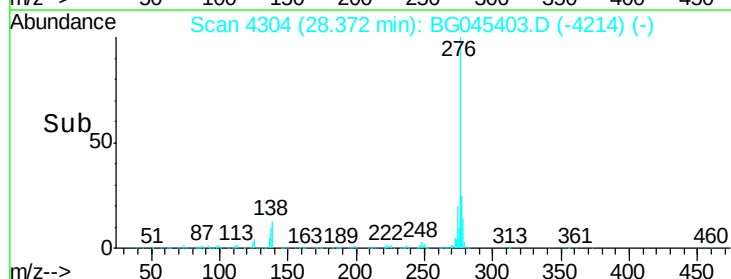
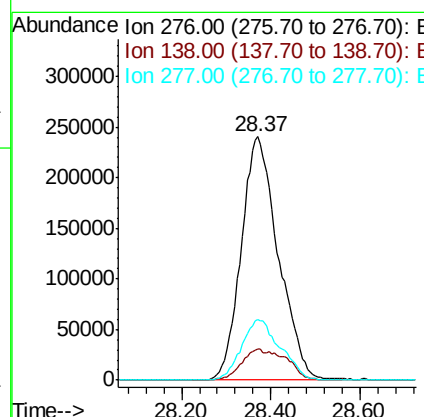
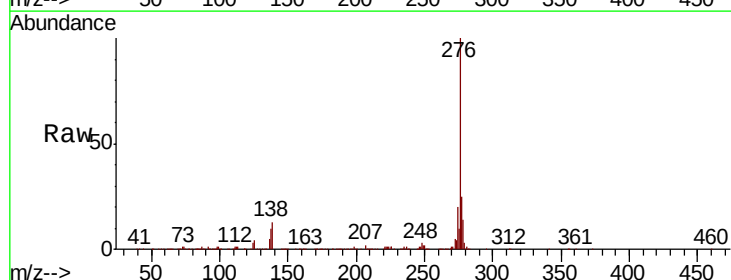
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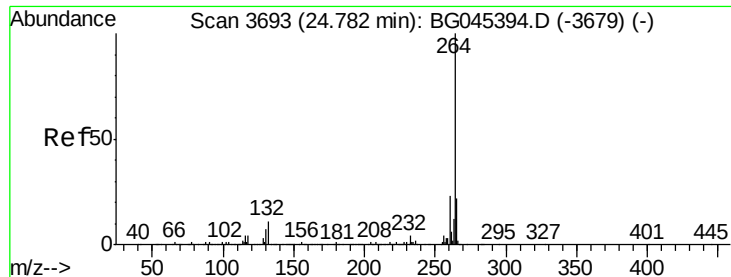
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 47.287 ng
RT: 28.37 min Scan# 4304
Delta R.T. 0.00 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.3	8.6	12.8#
277	25.8	20.2	30.4





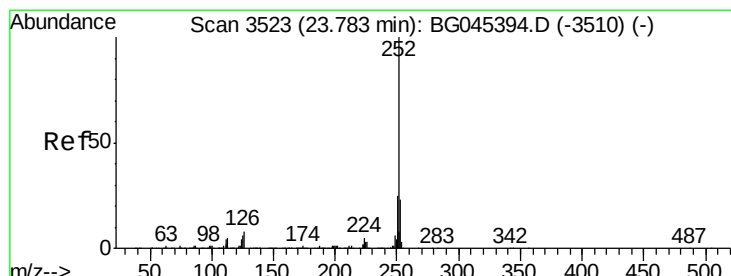
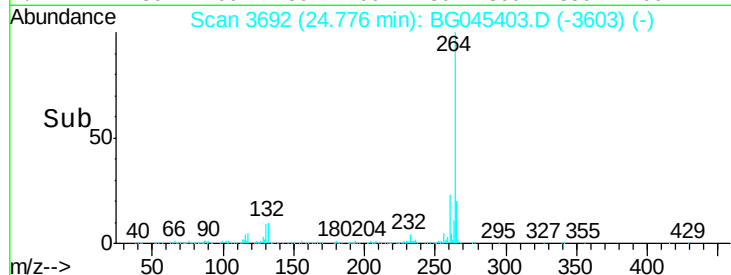
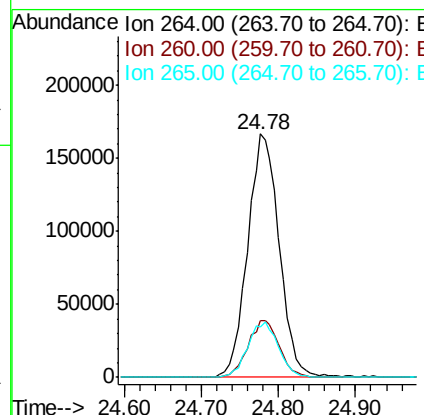
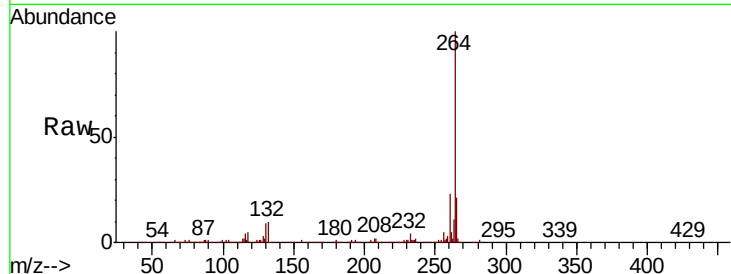
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.78 min Scan# 3692
Delta R.T. -0.01 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Instrument :
BNA_G
ClientSampleId :
PB128906BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.4
265	20.6	17.6	26.4

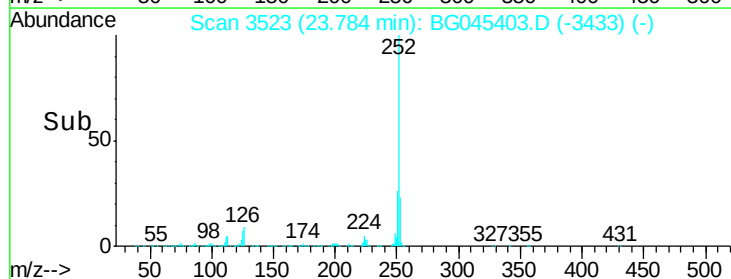
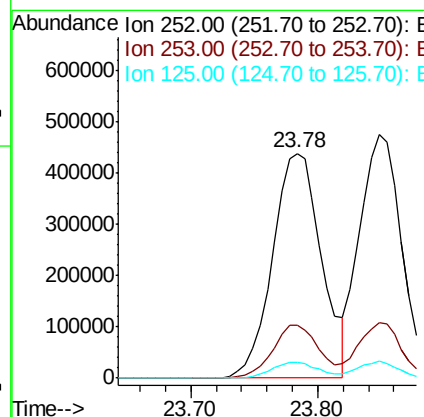
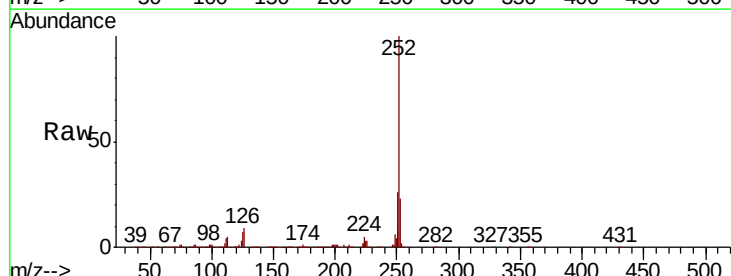
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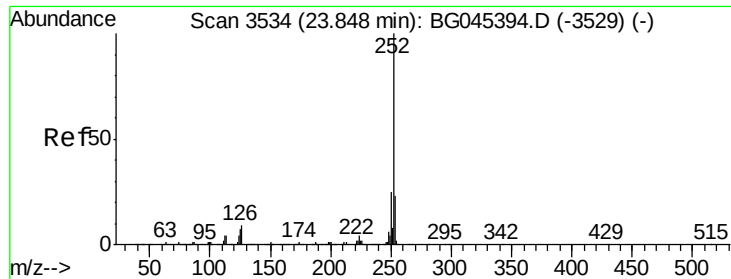
mohammad
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#88
Benzo(b)fluoranthene
Concen: 46.003 ng
RT: 23.78 min Scan# 3523
Delta R.T. 0.00 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.1	27.1
125	7.0	5.0	7.6





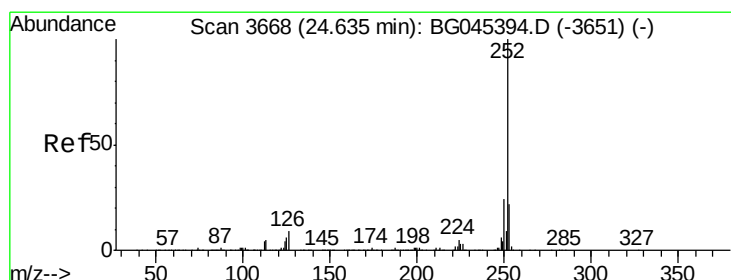
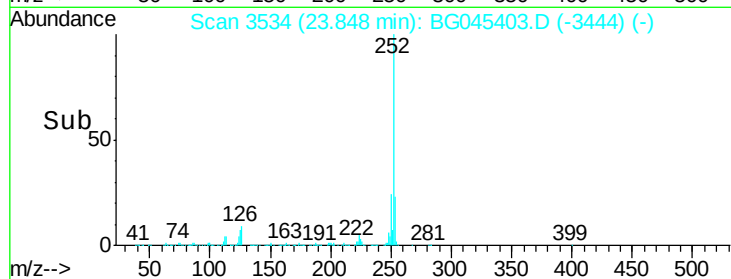
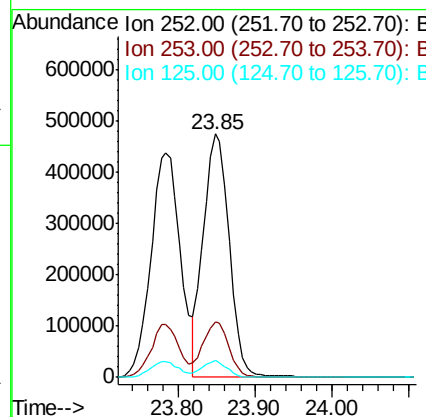
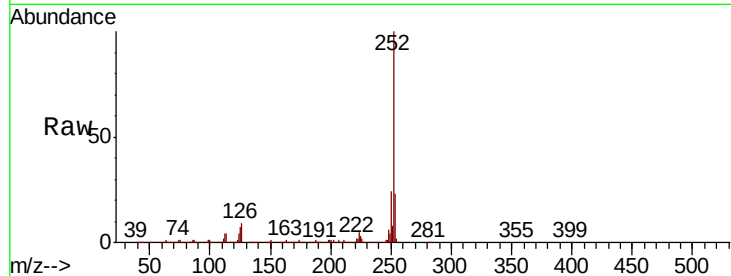
#89
Benzo(k)fluoranthene
Concen: 45.762 ng
RT: 23.85 min Scan# 3534
Delta R.T. 0.00 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Instrument :
BNA_G
ClientSampleId :
PB128906BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.4	27.6
125	6.8	5.7	8.5

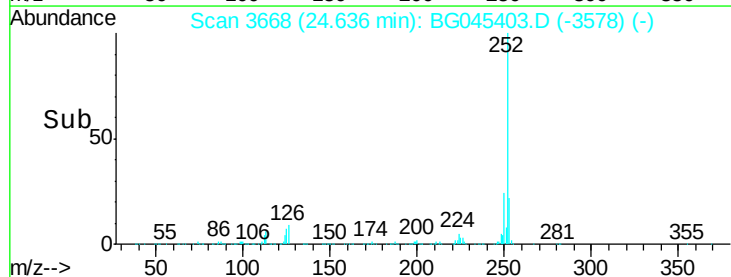
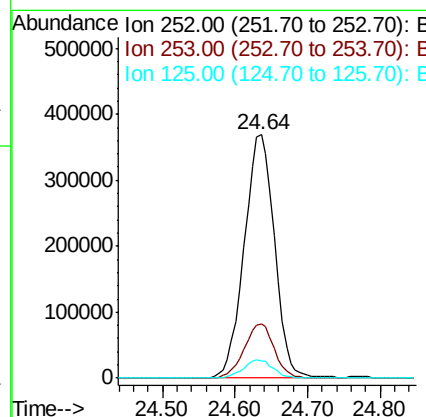
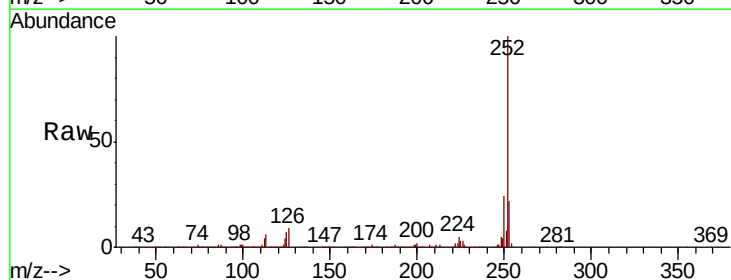
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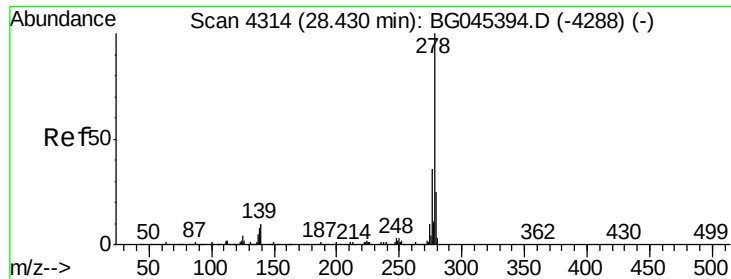
mohammad
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#90
Benzo(a)pyrene
Concen: 45.064 ng
RT: 24.64 min Scan# 3668
Delta R.T. 0.00 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	6.9	5.0	7.6





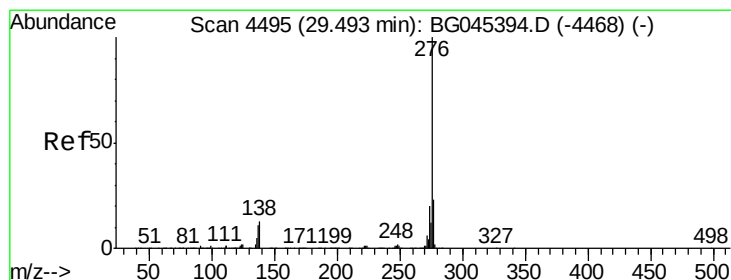
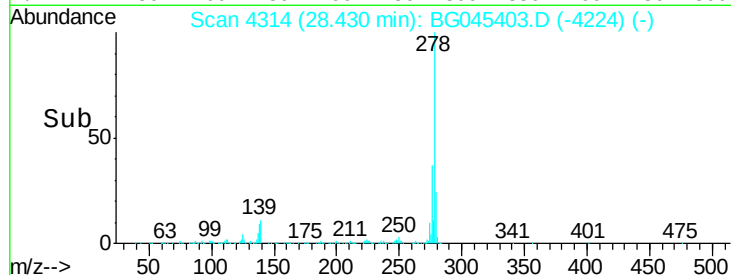
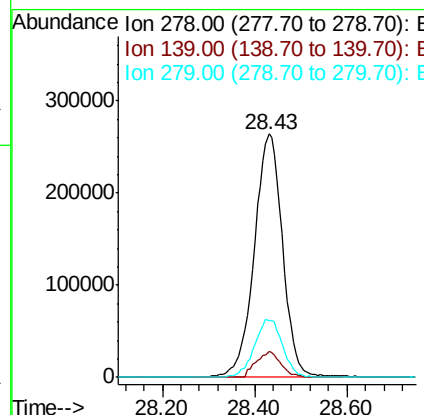
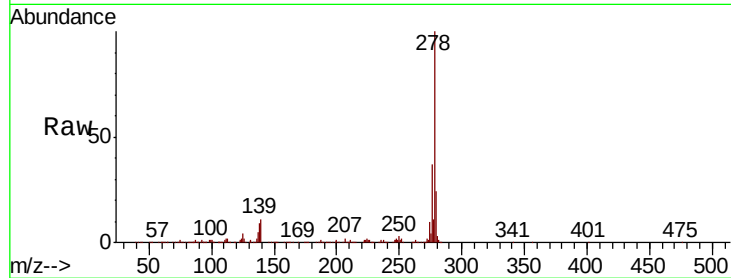
#91
Dibenzo(a,h)anthracene
Concen: 47.017 ng
RT: 28.43 min Scan# 4314
Delta R.T. 0.00 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Instrument :
BNA_G
ClientSampleId :
PB128906BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.7	7.8	11.8
279	23.5	19.8	29.8

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 48.007 ng
RT: 29.49 min Scan# 4495
Delta R.T. 0.00 min
Lab File: BG045403.D
Acq: 15 May 2020 19:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.1	27.1
138	13.1	10.2	15.4

