

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052720\
 Data File : BG045478.D
 Acq On : 27 May 2020 16:13
 Operator : CG/JU
 Sample : L2768-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 370MS

Manual Integrations
 APPROVED

mohammad
 5/29/2020 10:24:32 PM

Quant Time: May 27 16:58:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 27 13:40:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	84290	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	356304	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	259267	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	583424	20.00	ng	0.00
76) Chrysene-d12	21.61	240	512803	20.00	ng	0.00
87) Perylene-d12	24.76	264	563383	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	534740	123.98	ng	0.00
7) Phenol-d6	7.18	99	775341	126.30	ng	0.00
23) Nitrobenzene-d5	9.12	82	502109	76.85	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	391592	118.10	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1190715	77.90	ng	0.00
79) Terphenyl-d14	19.96	244	1816650	82.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	76460	35.749	ng	97
3) Pyridine	3.80	79	180141	30.242	ng	93
4) n-Nitrosodimethylamine	3.72	42	80106	41.097	ng	97
6) Aniline	7.29	93	221682	27.663	ng	96
8) 2-Chlorophenol	7.54	128	244101	51.609	ng	98
9) Benzaldehyde	7.09	77	159399	39.854	ng	96
10) Phenol	7.21	94	321073	50.748	ng	98
11) bis(2-Chloroethyl)ether	7.38	93	219183	44.414	ng	98
12) 1,3-Dichlorobenzene	7.85	146	257234	45.257	ng	97
13) 1,4-Dichlorobenzene	7.99	146	257099	45.835	ng	97
14) 1,2-Dichlorobenzene	8.32	146	246402	45.673	ng	99
15) Benzyl Alcohol	8.21	79	248036	48.911	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.49	45	202331	43.193	ng	99
17) 2-Methylphenol	8.44	107	224044	47.311	ng	99
18) Hexachloroethane	9.04	117	100473	46.768	ng	92
19) n-Nitroso-di-n-propylamine	8.77	70	201815	47.541	ng	99
20) 3+4-Methylphenols	8.77	107	292436m	45.348	ng	
22) Acetophenone	8.78	105	368486	43.635	ng	# 94
24) Nitrobenzene	9.16	77	305493	43.639	ng	99
25) Isophorone	9.68	82	551525	42.861	ng	98
26) 2-Nitrophenol	9.88	139	142052	47.435	ng	91
27) 2,4-Dimethylphenol	9.97	122	234617	52.823	ng	95
28) bis(2-Chloroethoxy)methane	10.17	93	307181	45.520	ng	96
29) 2,4-Dichlorophenol	10.44	162	263058	50.155	ng	99
30) 1,2,4-Trichlorobenzene	10.63	180	284531	45.910	ng	99
31) Naphthalene	10.82	128	756804	45.581	ng	99
32) Benzoic acid	10.16	122	171356	54.904	ng	97
33) 4-Chloroaniline	10.94	127	90548	13.047	ng	# 94
34) Hexachlorobutadiene	11.11	225	197008	44.970	ng	99
35) Caprolactam	11.70	113	88507m	45.974	ng	
36) 4-Chloro-3-methylphenol	12.09	107	287049	48.569	ng	98
37) 2-Methylnaphthalene	12.43	142	573347	46.330	ng	98
38) 1-Methylnaphthalene	12.64	142	547610m	46.844	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	339030	46.816	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	329717	78.883	nq	96
43) 2,4,6-Trichlorophenol	13.05	196	233745	46.465	nq	97
44) 2,4,5-Trichlorophenol	13.14	196	252458	43.916	nq	97
46) 1,1'-Biphenyl	13.44	154	744873	46.757	nq	99
47) 2-Chloronaphthalene	13.48	162	570225	44.079	nq	99
48) 2-Nitroaniline	13.68	65	179814	42.256	nq	88
49) Acenaphthylene	14.32	152	945688	45.511	nq	99
50) Dimethylphthalate	14.06	163	878965	49.420	nq	97
51) 2,6-Dinitrotoluene	14.18	165	172720	43.037	nq	98
52) Acenaphthene	14.67	154	686779m	49.376	nq	
53) 3-Nitroaniline	14.51	138	92192	22.598	nq	# 93
54) 2,4-Dinitrophenol	14.72	184	196040	74.939	nq	99
55) Dibenzofuran	15.01	168	903746	43.754	nq	97
56) 4-Nitrophenol	14.88	139	275037	89.045	nq	95
57) 2,4-Dinitrotoluene	14.97	165	244865	42.128	nq	95
58) Fluorene	15.65	166	748229	44.093	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.24	232	233617	46.192	nq	99
60) Diethylphthalate	15.42	149	778036	42.029	nq	98
61) 4-Chlorophenyl-phenylether	15.65	204	419254	43.175	nq	97
62) 4-Nitroaniline	15.68	138	159766	37.512	nq	98
63) Azobenzene	15.94	77	738154	42.764	nq	98
65) 4,6-Dinitro-2-methylphenol	15.73	198	148102	43.587	nq	95
66) n-Nitrosodiphenylamine	15.86	169	661546	47.226	nq	97
67) 4-Bromophenyl-phenylether	16.54	248	291359	46.119	nq	94
68) Hexachlorobenzene	16.66	284	313715	47.478	nq	98
69) Atrazine	16.82	200	245452	42.541	nq	97
70) Pentachlorophenol	17.02	266	343153	100.017	nq	98
71) Phenanthrene	17.40	178	1161946	45.621	nq	98
72) Anthracene	17.49	178	1196214	46.768	nq	95
73) Carbazole	17.76	167	1082119	43.403	nq	99
74) Di-n-butylphthalate	18.31	149	1277226	42.681	nq	99
75) Fluoranthene	19.41	202	1411356	43.566	nq	99
77) Benzidine	19.58	184	574325	39.877	nq	98
78) Pyrene	19.76	202	1388130	47.487	nq	98
80) Butylbenzylphthalate	20.65	149	557129	44.155	nq	97
81) Benzo(a)anthracene	21.59	228	1342384	46.991	nq	98
82) 3,3'-Dichlorobenzidine	21.51	252	348349	31.087	nq	98
83) Chrysene	21.66	228	1265457	46.070	nq	98
84) Bis(2-ethylhexyl)phthalate	21.50	149	771108	44.459	nq	99
85) Di-n-octyl phthalate	22.70	149	1297237	43.547	nq	100
86) Indeno(1,2,3-cd)pyrene	28.35	276	1687374	46.977	nq	# 96
88) Benzo(b)fluoranthene	23.77	252	1427488	47.245	nq	99
89) Benzo(k)fluoranthene	23.83	252	1331293	46.899	nq	99
90) Benzo(a)pyrene	24.62	252	1282940	45.591	nq	97
91) Dibenzo(a,h)anthracene	28.40	278	1369836	48.442	nq	100
92) Benzo(g,h,i)perylene	29.46	276	1402275	49.583	nq	99

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

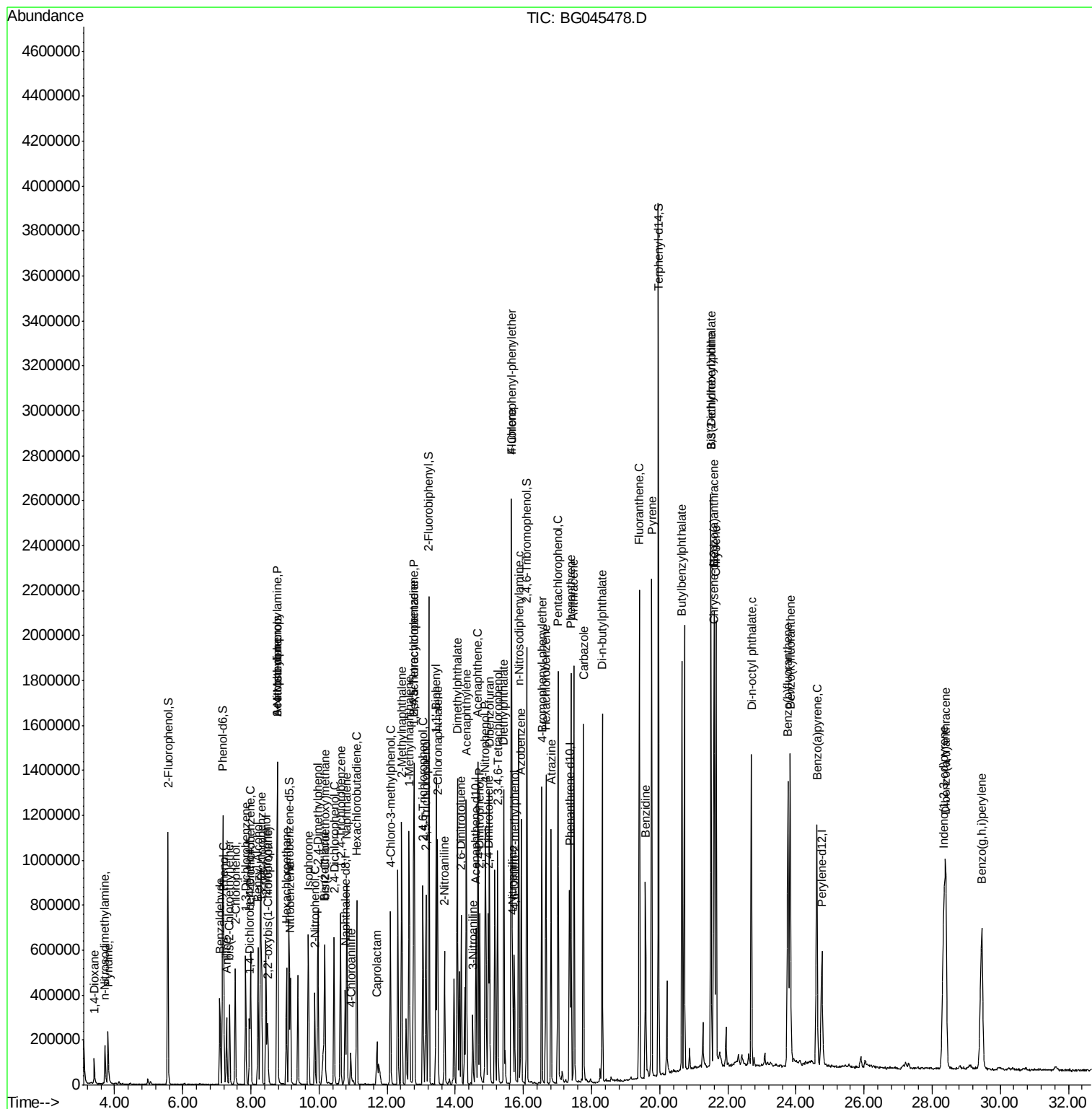
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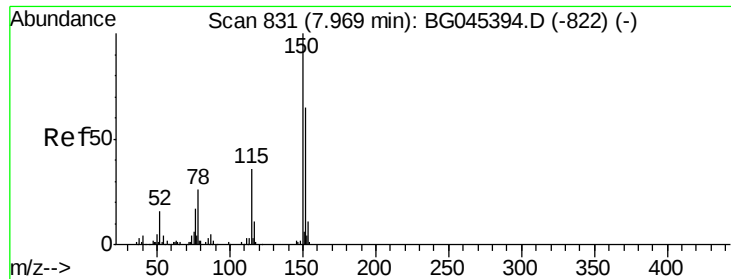
Instrument :
BNA_G
ClientSampleId :
370MS

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#1

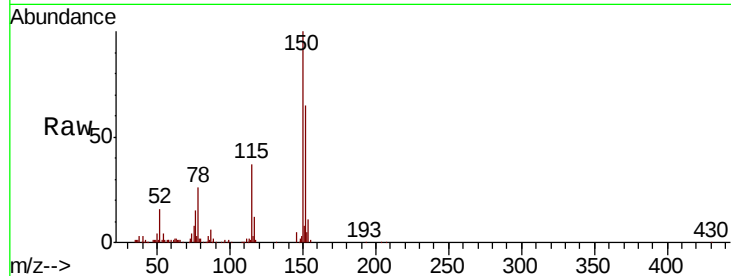
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. 0.01 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

Instrument :
BNA_G
ClientSampleId :
370MS

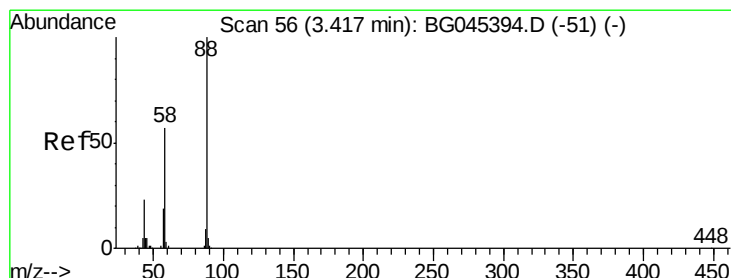
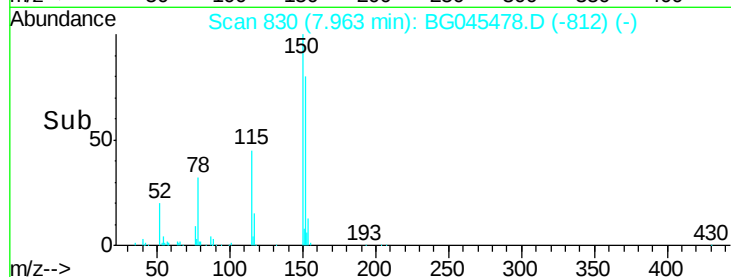
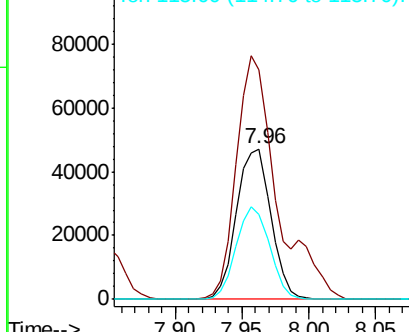
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	122.4	183.6
115	56.1	44.2	66.4

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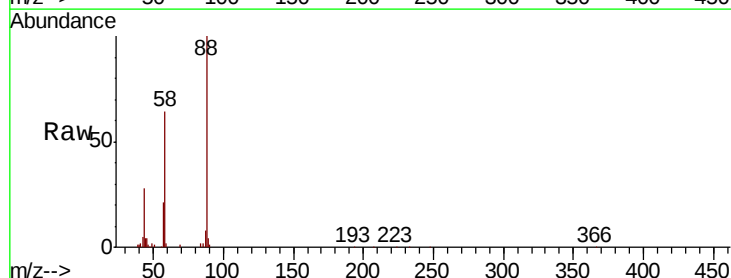
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



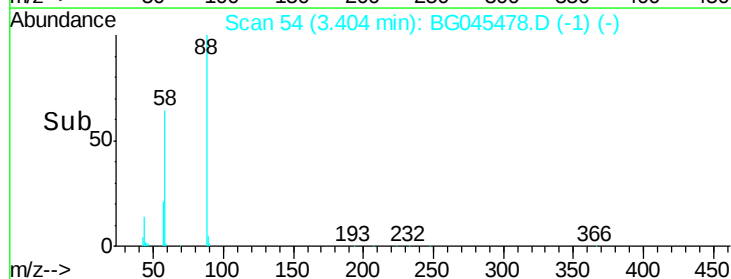
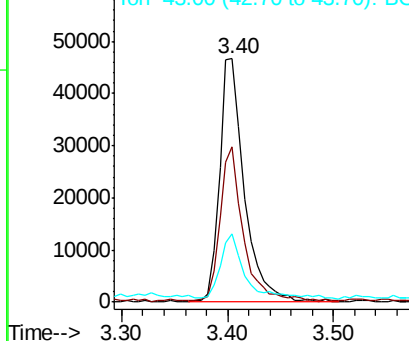
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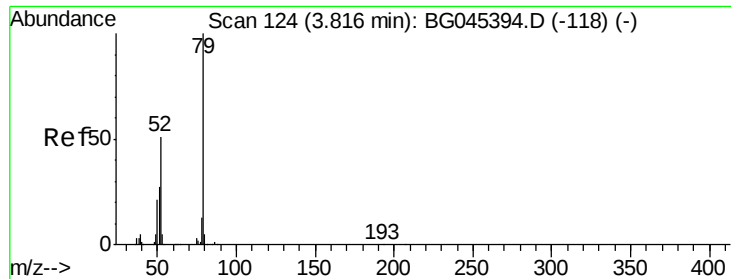
1,4-Dioxane
Concen: 35.749 ng
RT: 3.40 min Scan# 54
Delta R.T. -0.00 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	58.4	45.7	68.5
43	23.7	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: 30.242 ng

RT: 3.80 min Scan# 122

Delta R.T. -0.00 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

Instrument :

BNA_G

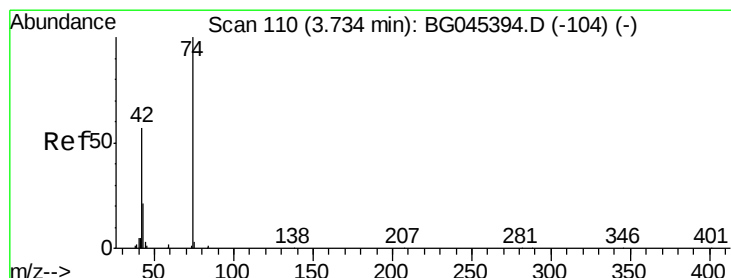
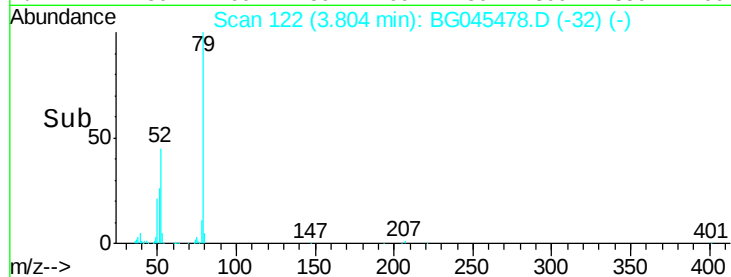
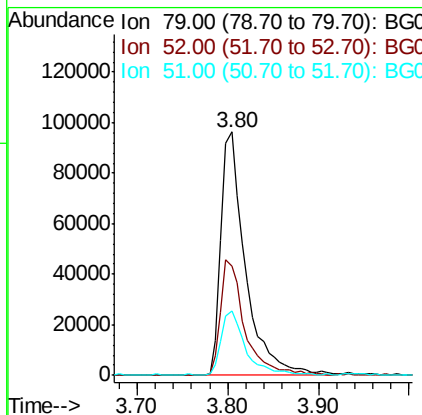
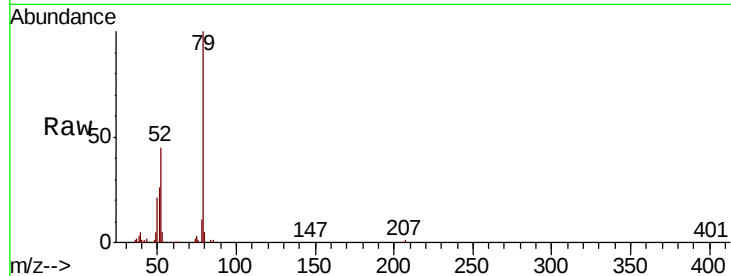
ClientSampleId :

370MS

Tot Ion:	79	Resp:	180141
Ion Ratio	Lower	Upper	
79	100		
52	44.7	40.8	61.2
51	26.4	21.9	32.9

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#4

n-Nitrosodimethylamine

Concen: 41.097 ng

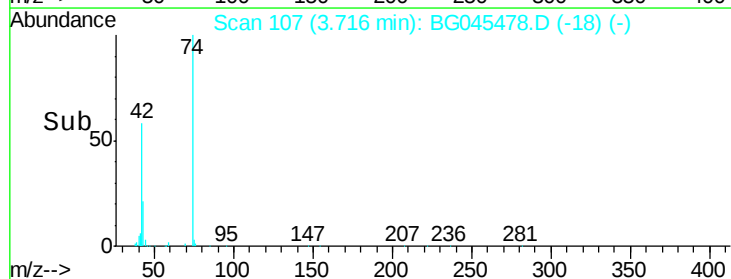
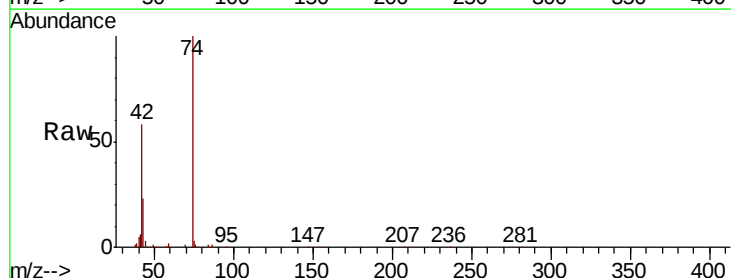
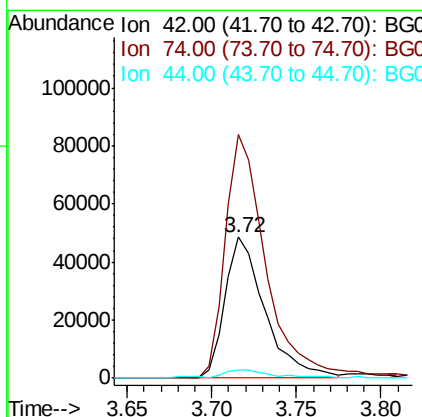
RT: 3.72 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

Tgt Ion:	42	Resp:	80106
Ion Ratio	Lower	Upper	
42	100		
74	172.5	141.3	211.9
44	5.4	4.2	6.4





#5

2-Fluorophenol

Concen: 123.982 ng

RT: 5.56 min Scan# 421

Delta R.T. 0.01 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

Instrument :

BNA_G

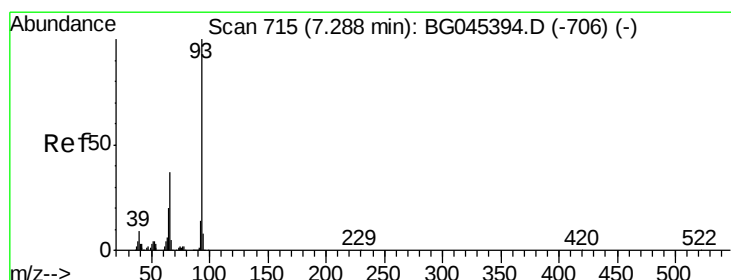
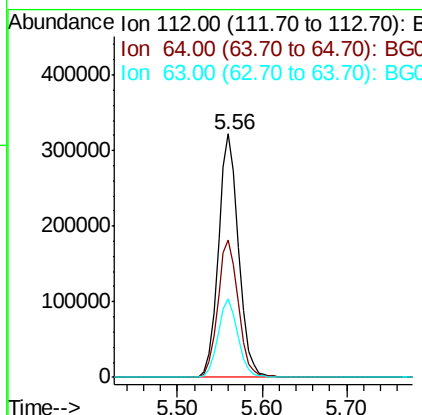
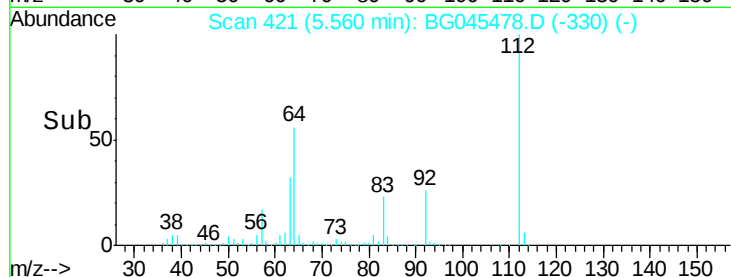
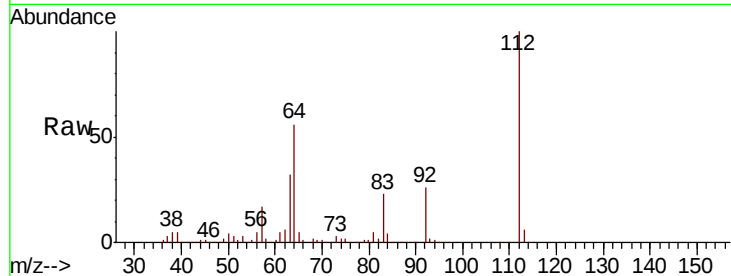
ClientSampled :

370MS

Tot Ion:	112	Resp:	534740
Ion Ratio	Lower	Upper	
112	100		
64	56.4	48.6	72.8
63	32.0	26.5	39.7

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#6

Aniline

Concen: 27.663 ng

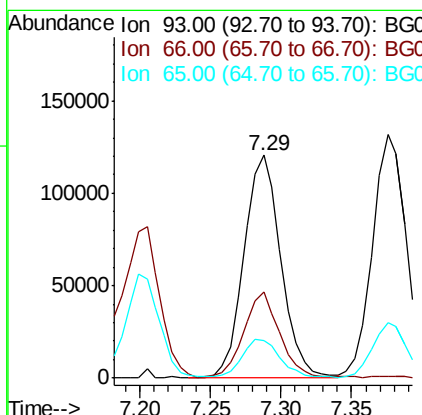
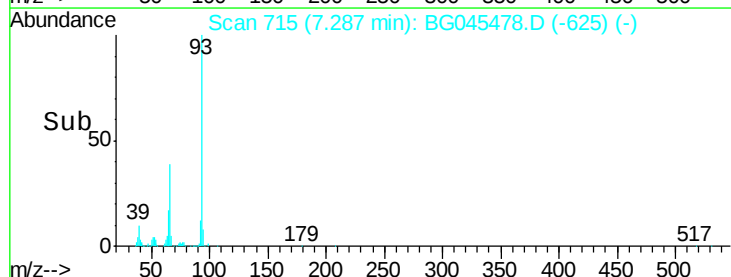
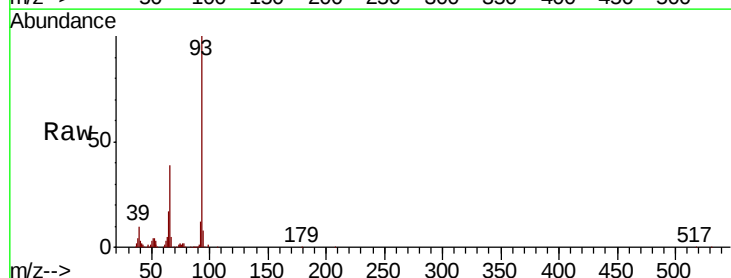
RT: 7.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

Tgt Ion:	93	Resp:	221682
Ion Ratio	Lower	Upper	
93	100		
66	38.6	29.6	44.4
65	17.1	15.9	23.9





#7

Phenol-d6

Concen: 126.302 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

Instrument :

BNA_G

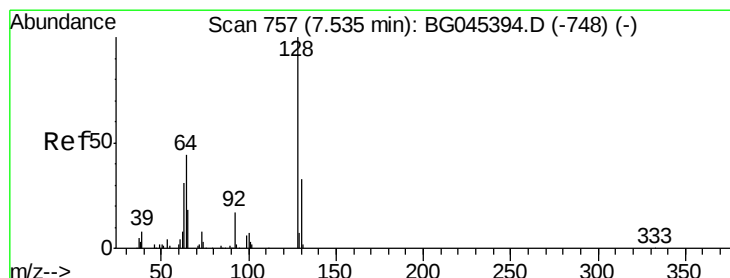
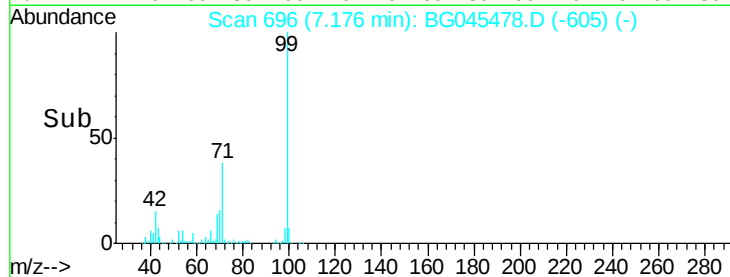
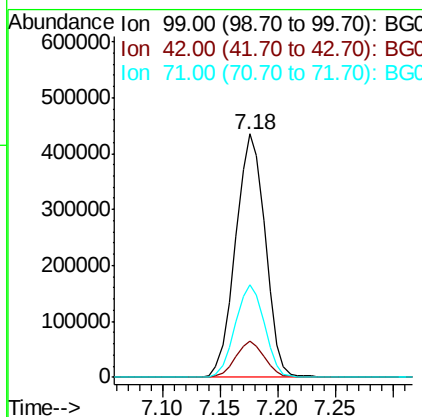
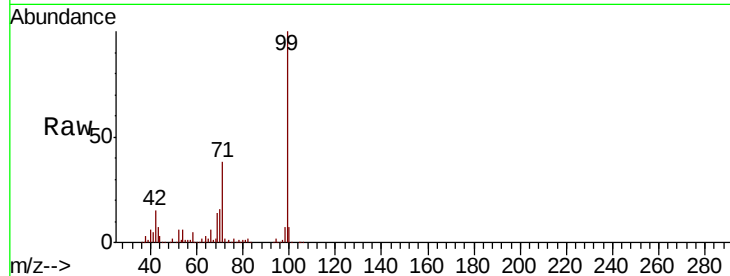
ClientSampled :

370MS

Tot Ion:	99	Resp:	775341
Ion	Ratio	Lower	Upper
99	100		
42	14.8	11.3	16.9
71	38.0	30.8	46.2

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#8

2-Chlorophenol

Concen: 51.609 ng

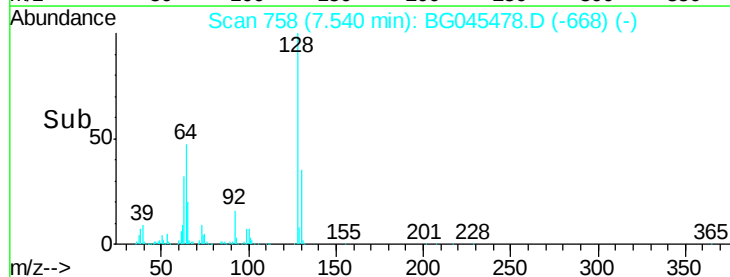
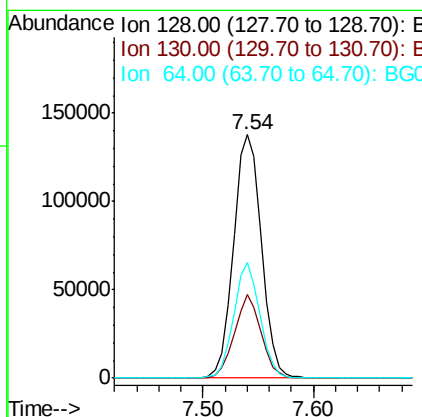
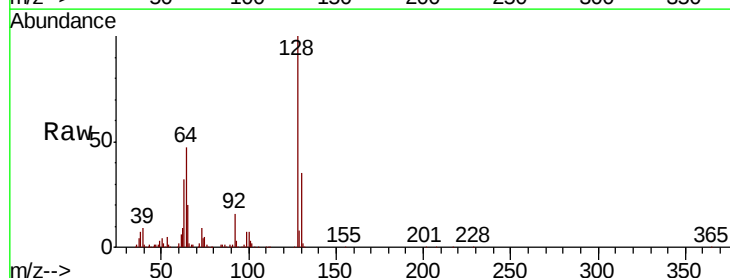
RT: 7.54 min Scan# 758

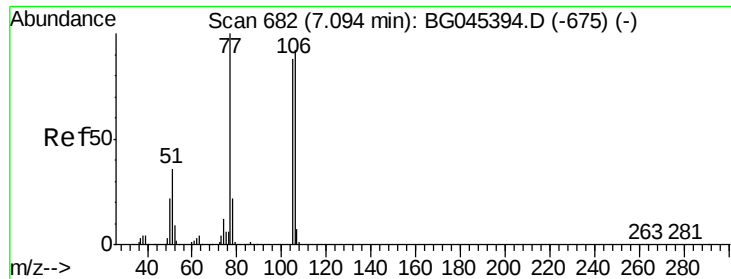
Delta R.T. -0.00 min

Lab File: BG045478.D

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Tgt Ion:	128	Resp:	244101
Ion	Ratio	Lower	Upper
128	100		
130	34.5	12.6	52.6
64	47.3	27.0	67.0





#9

Benzaldehyde

Concen: 39.854 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

Instrument :

BNA_G

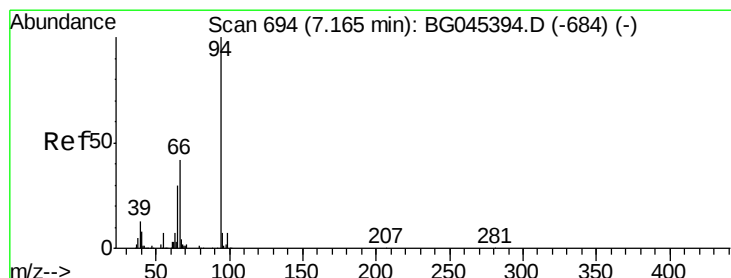
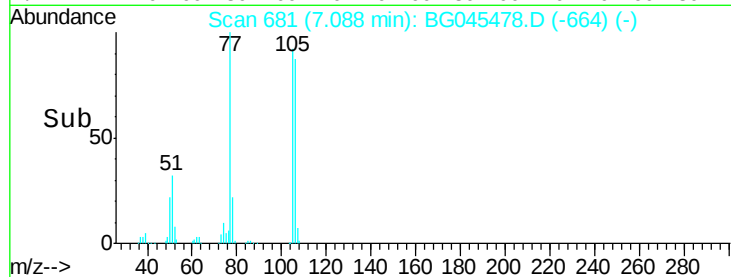
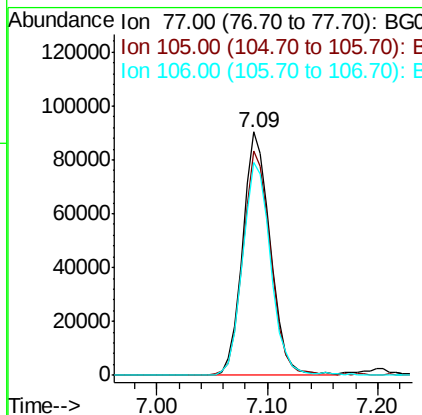
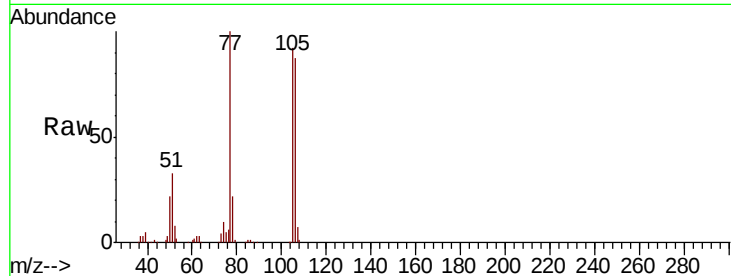
ClientSampleId :

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Tot Ion:	77	Resp:	159399
Ion	Ratio	Lower	Upper
77	100		
105	92.2	68.5	108.5
106	87.3	71.6	111.6

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#10

Phenol

Concen: 50.748 ng

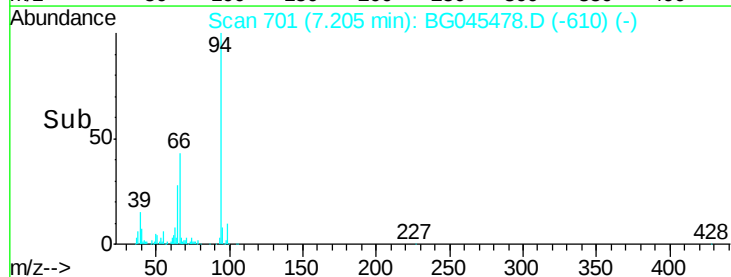
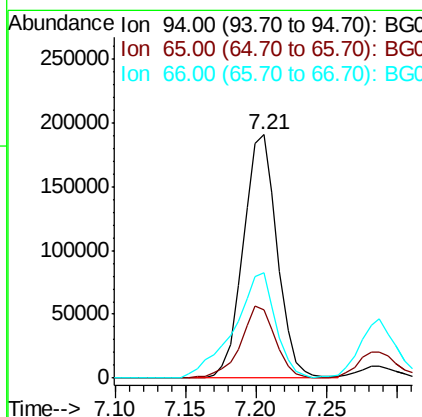
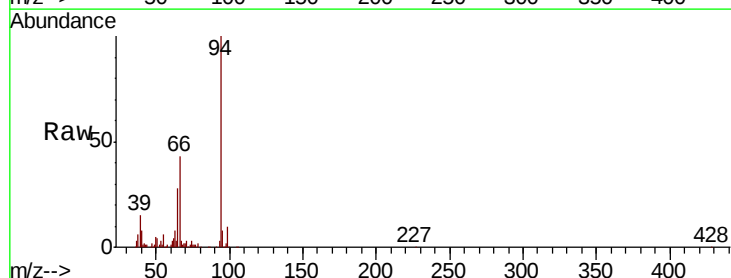
RT: 7.21 min Scan# 701

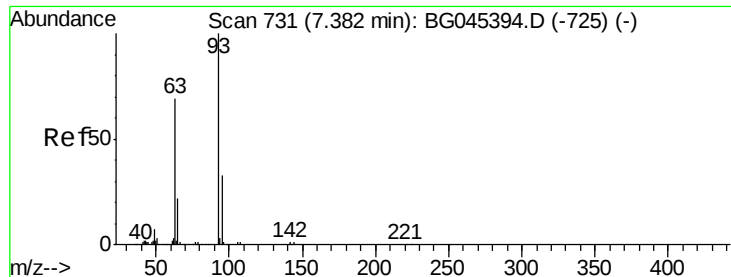
Delta R.T. 0.01 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

Tgt Ion:	94	Resp:	321073
Ion	Ratio	Lower	Upper
94	100		
65	28.1	9.8	49.8
66	43.1	22.0	62.0





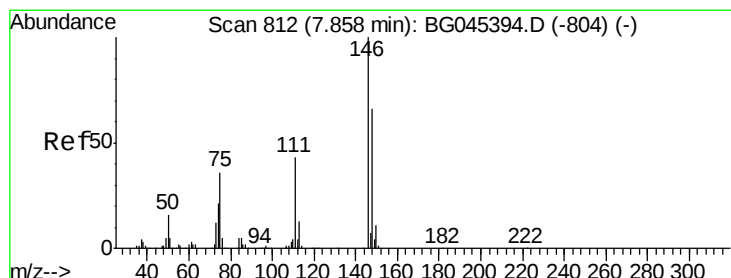
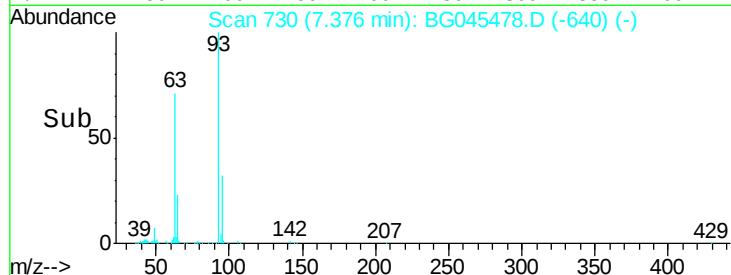
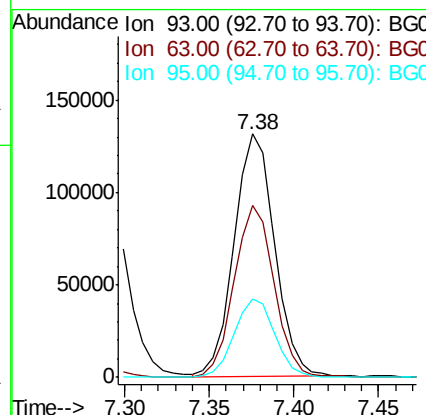
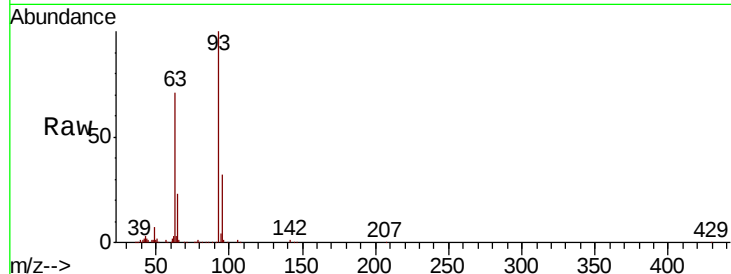
#11
bis(2-Chloroethyl)ether
Concen: 44.414 ng
RT: 7.38 min Scan# 730
Delta R.T. -0.00 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

Instrument :
BNA_G
ClientSampleId :
370MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	219183		
63	70.8	48.4	88.4	
95	32.4	12.4	52.4	

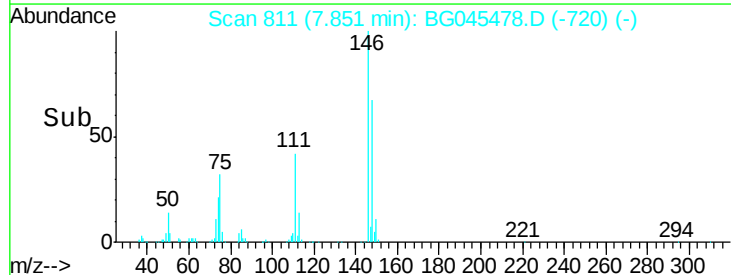
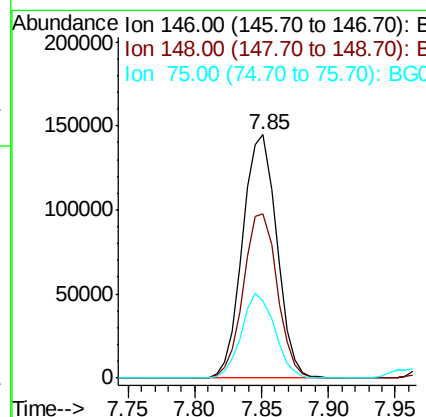
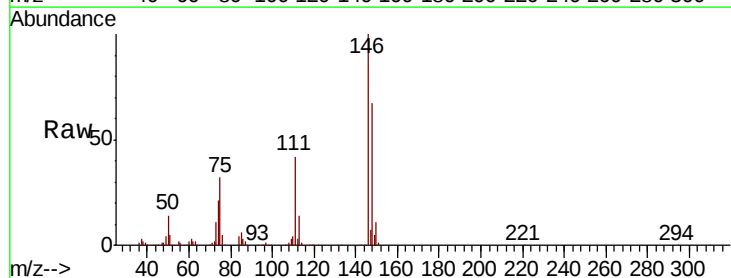
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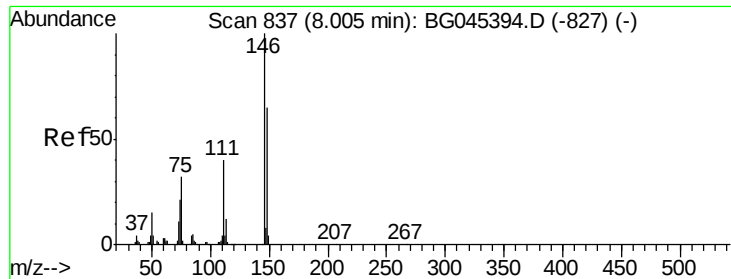
mohammad
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#12
1,3-Dichlorobenzene
Concen: 45.257 ng
RT: 7.85 min Scan# 811
Delta R.T. 0.01 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	257234		
148	67.5	53.2	79.8	
75	31.9	28.6	43.0	





#13

1,4-Dichlorobenzene

Concen: 45.835 ng

RT: 7.99 min Scan# 835

Delta R.T. -0.00 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

Instrument :

BNA_G

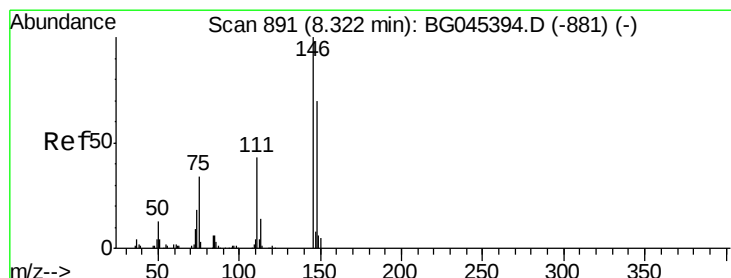
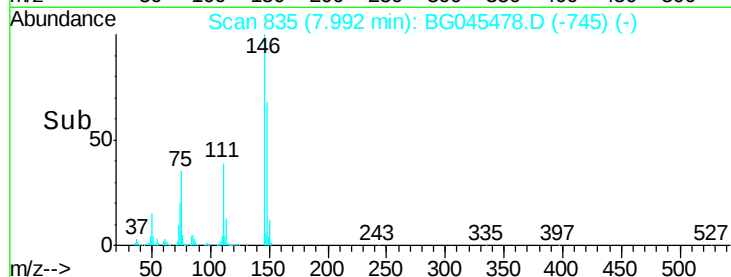
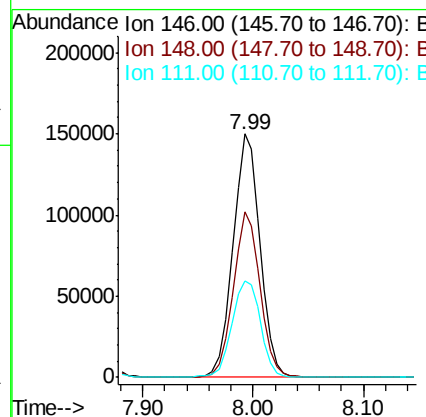
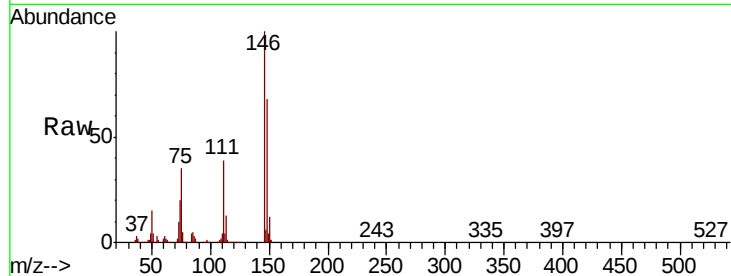
ClientSampleId :

370MS

Tot Ion:	146	Resp:	257099
Ion Ratio	Lower	Upper	
146	100		
148	68.2	51.8	77.8
111	39.4	32.1	48.1

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#14

1,2-Dichlorobenzene

Concen: 45.673 ng

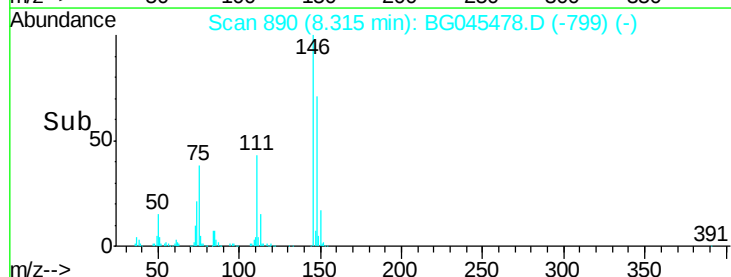
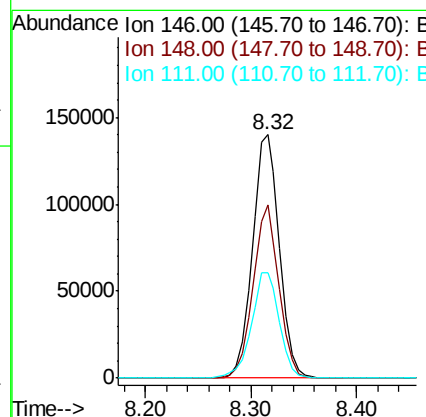
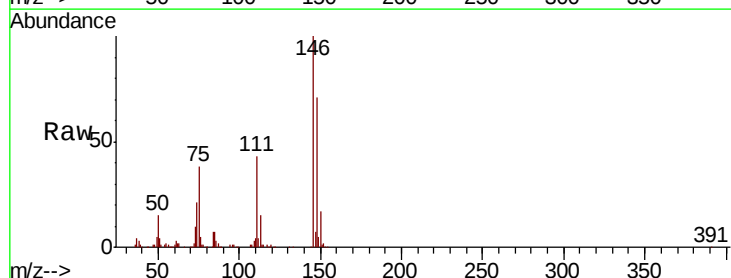
RT: 8.32 min Scan# 890

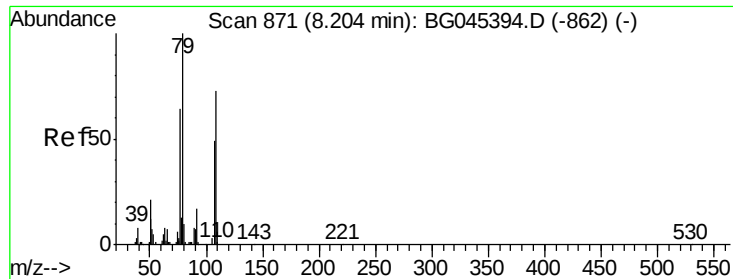
Delta R.T. 0.01 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

Tgt Ion:	146	Resp:	246402
Ion Ratio	Lower	Upper	
146	100		
148	71.1	55.9	83.9
111	43.1	35.0	52.4





#15

Benzyl Alcohol

Concen: 48.911 ng

RT: 8.21 min Scan# 872

Delta R.T. -0.00 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

Instrument :

BNA_G

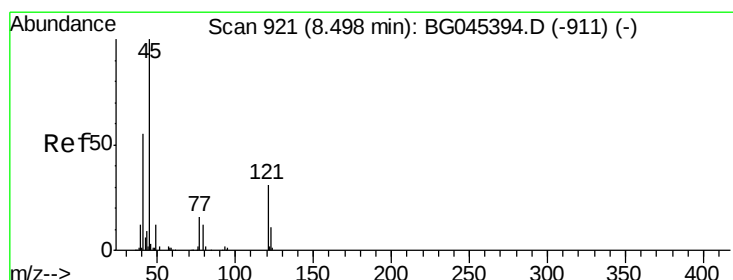
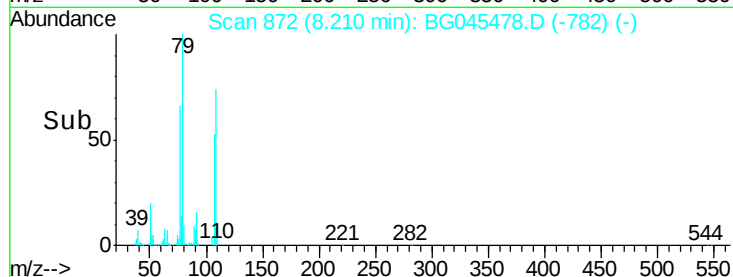
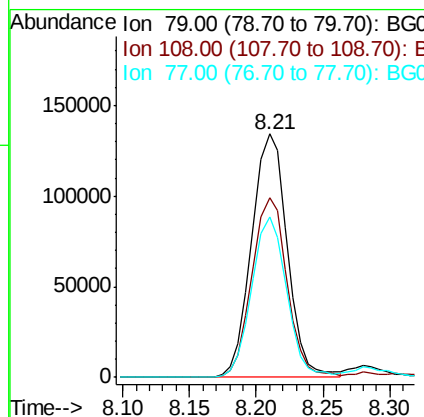
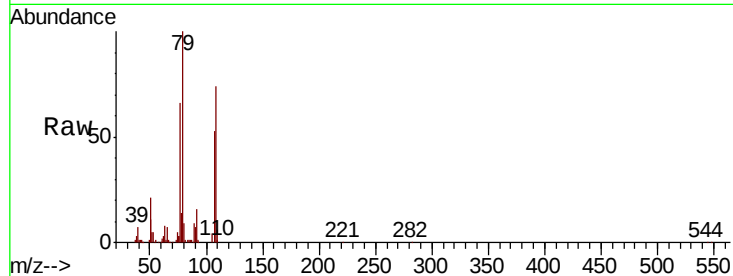
ClientSampleId :

370MS

Tot Ion:	79	Resp:	248036
Ion Ratio	Lower	Upper	
79	100		
108	74.0	58.2	87.4
77	65.7	51.0	76.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.193 ng

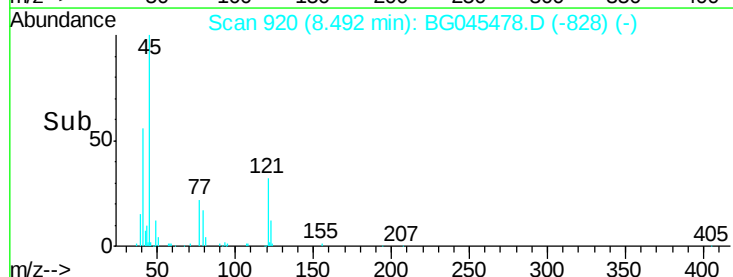
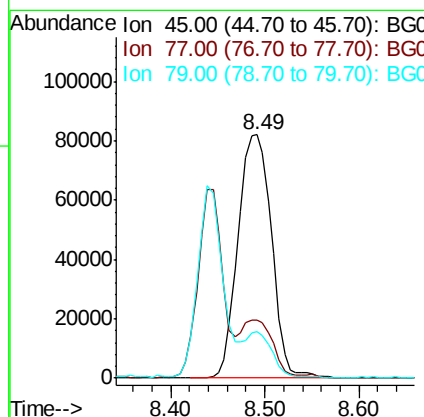
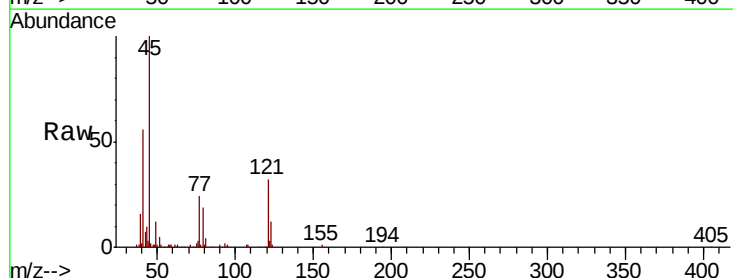
RT: 8.49 min Scan# 920

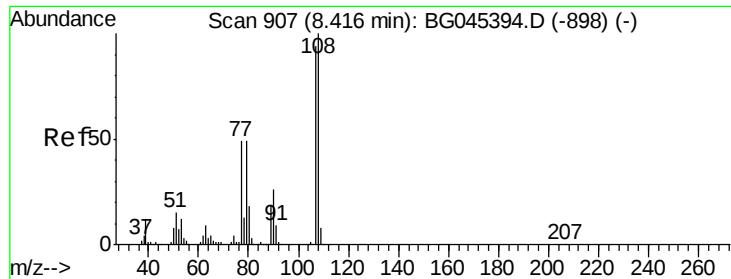
Delta R.T. 0.01 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

Tgt Ion:	45	Resp:	202331
Ion Ratio	Lower	Upper	
45	100		
77	23.9	4.0	44.0
79	19.2	0.0	38.6





#17

2-Methylphenol

Concen: 47.311 ng

RT: 8.44 min Scan# 912

Delta R.T. 0.01 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

Instrument :

BNA_G

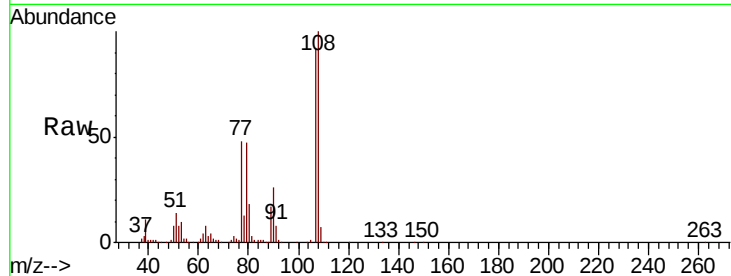
ClientSampleId :

370MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.6	85.2	127.8	
77	52.2	41.6	62.4	
79	51.4	41.8	62.8	

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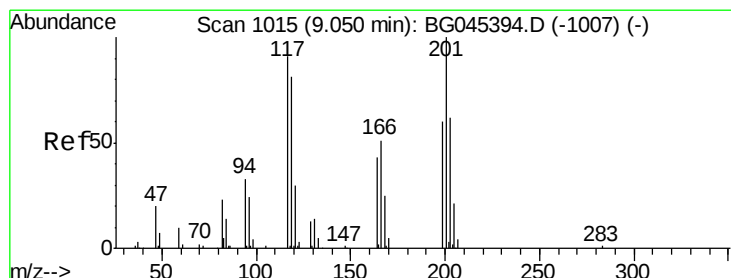
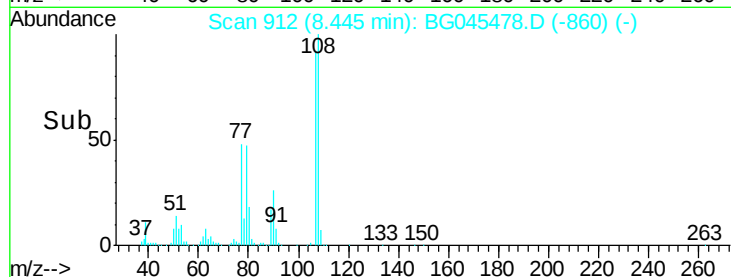
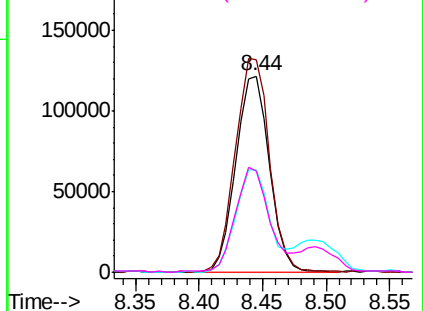
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 46.768 ng

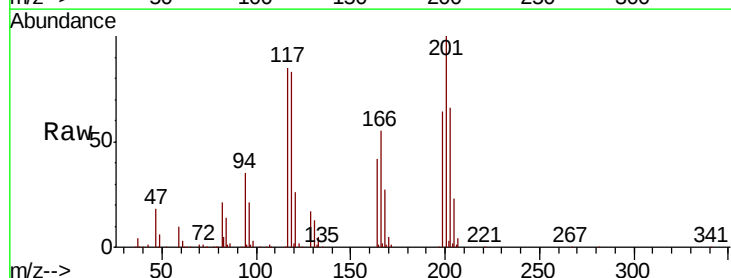
RT: 9.04 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.5	71.3	106.9	
201	117.4	87.5	131.3	

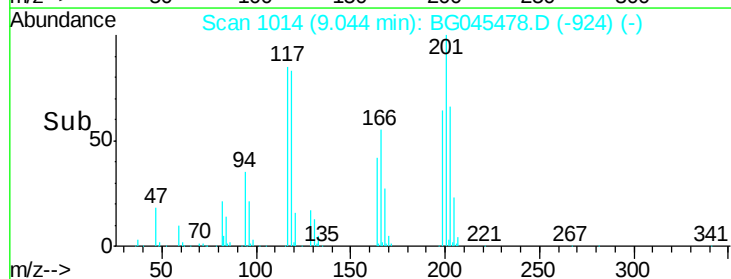
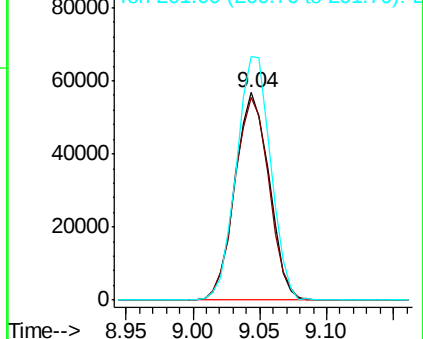


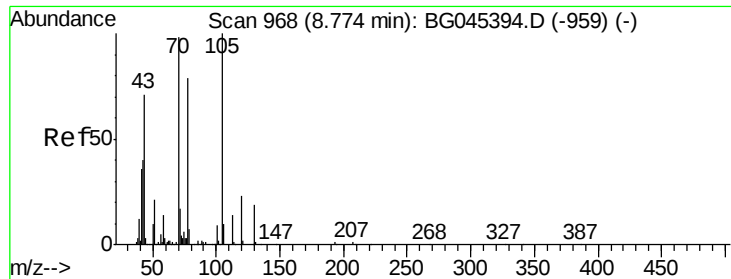
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





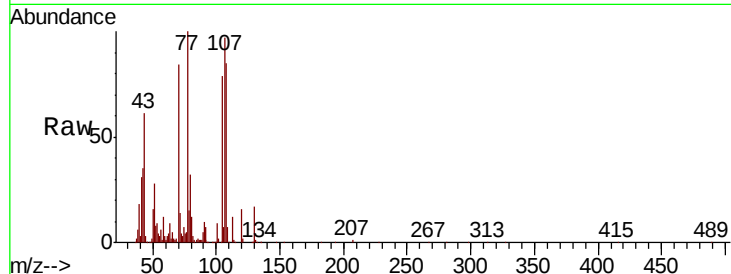
#19
n-Nitroso-di-n-propylamine
Concen: 47.541 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.01 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

Instrument :
BNA_G
ClientSampleId :
370MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	41.3	33.2	49.8
101	10.2	7.8	11.6
130	20.0	15.4	23.2

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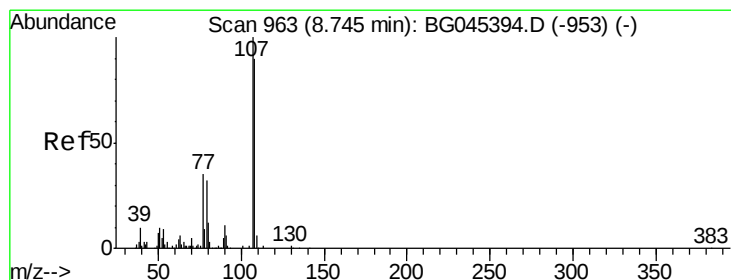
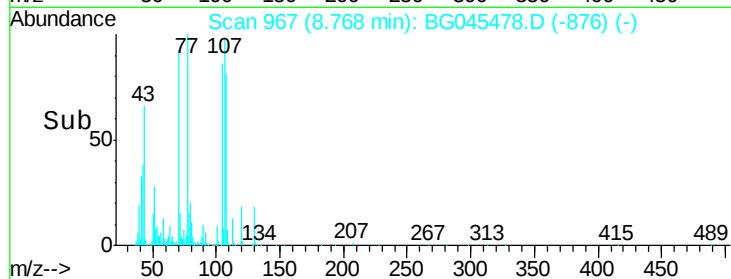
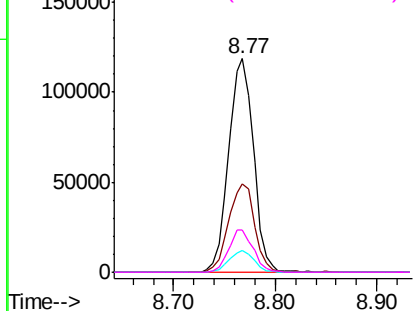
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 45.348 ng m
RT: 8.77 min Scan# 968
Delta R.T. 0.01 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.5	70.3	110.3
77	129.2	15.4	55.4#
79	36.0	12.6	52.6

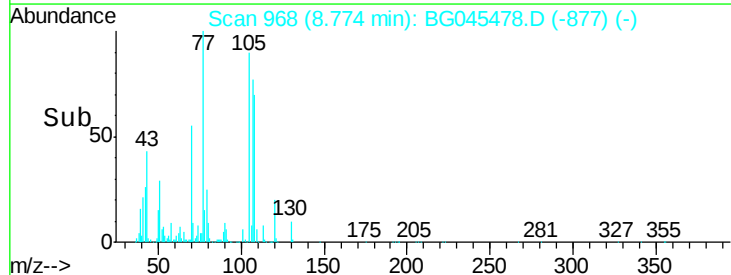
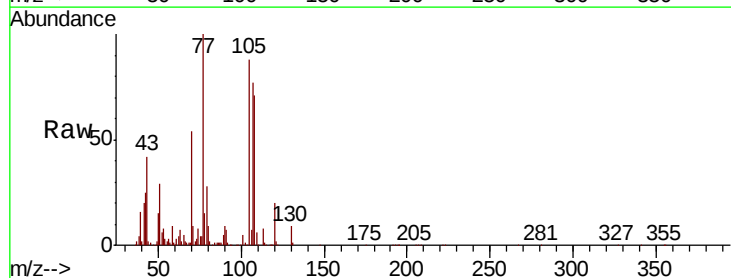
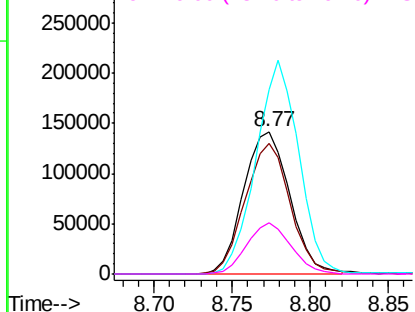
Abundance

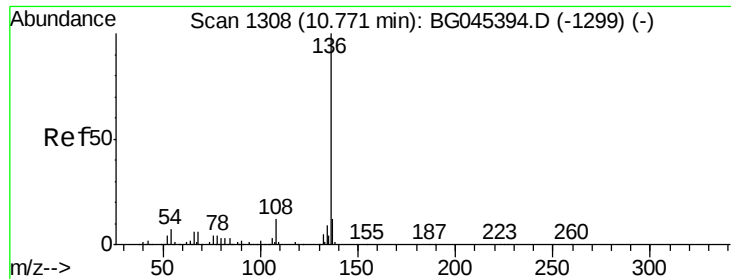
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





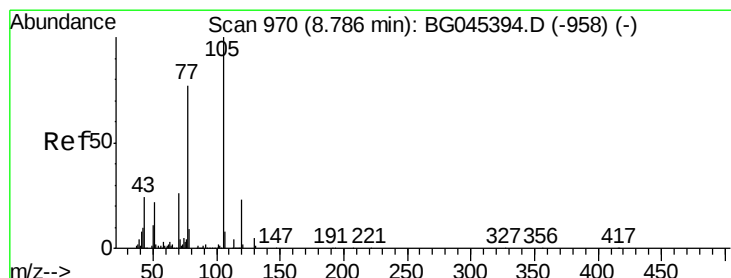
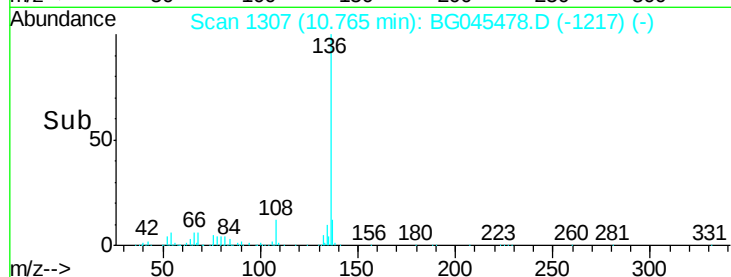
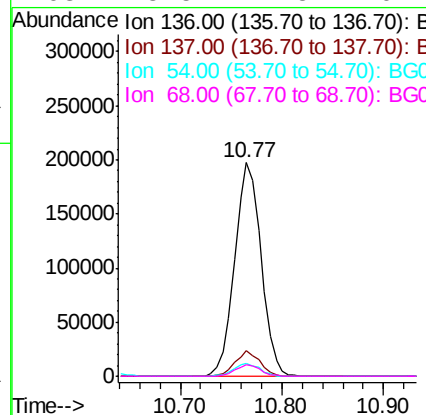
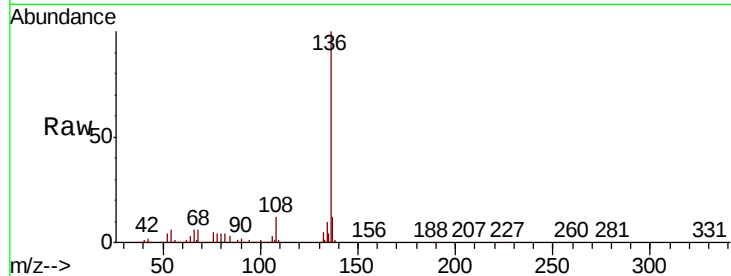
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

Instrument :
BNA_G
ClientSampleId :
370MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	12.1	9.4	14.2	
54	5.7	5.8	8.6	
68	5.5	4.5	6.7	

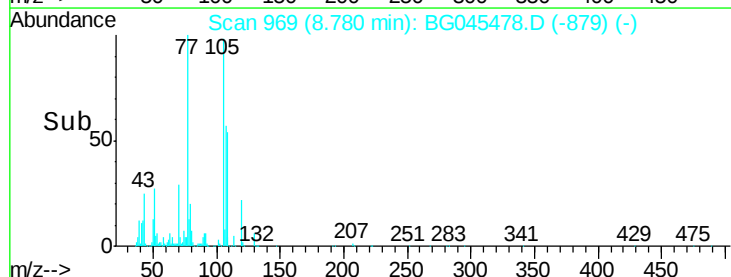
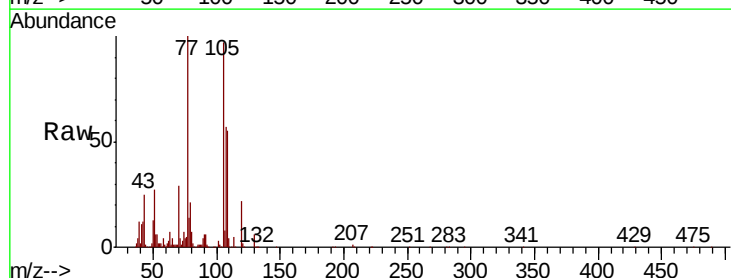
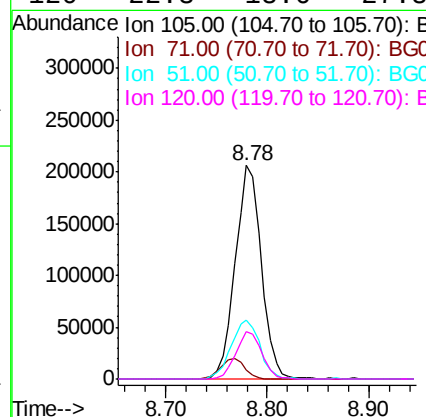
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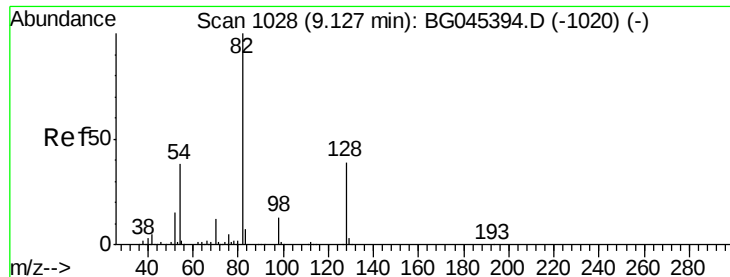
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#22
Acetophenone
Concen: 43.635 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.00 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.5	3.4	5.0	
51	27.8	18.2	27.2	
120	22.3	18.6	27.8	





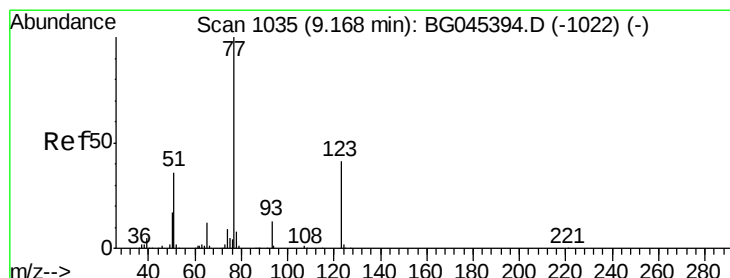
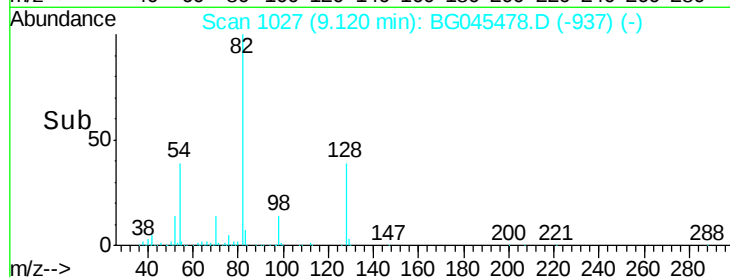
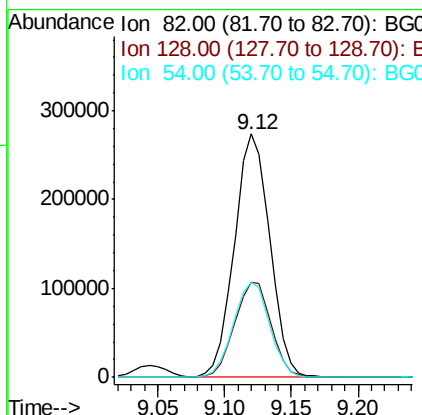
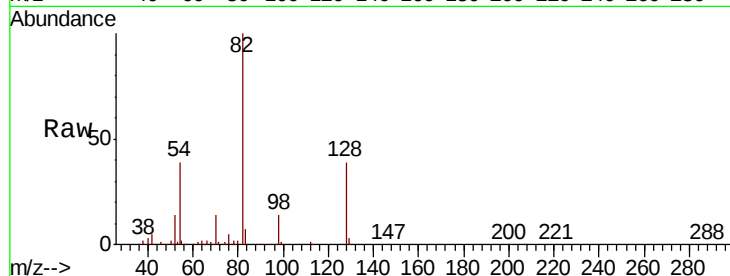
#23
Nitrobenzene-d5
Concen: 76.847 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

Instrument :
BNA_G
ClientSampleId :
370MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.3	30.9	46.3
54	38.8	30.3	45.5

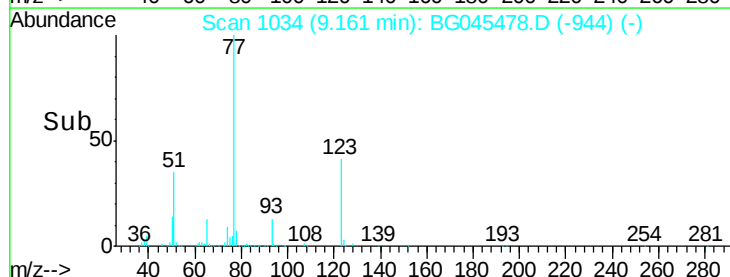
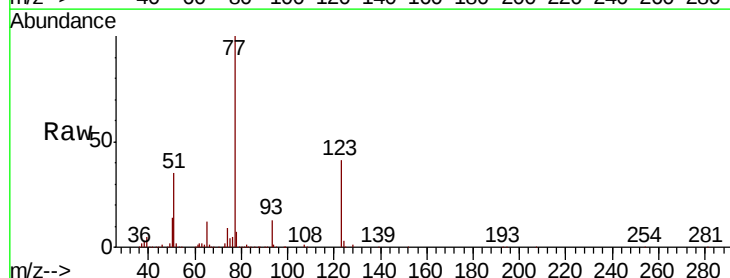
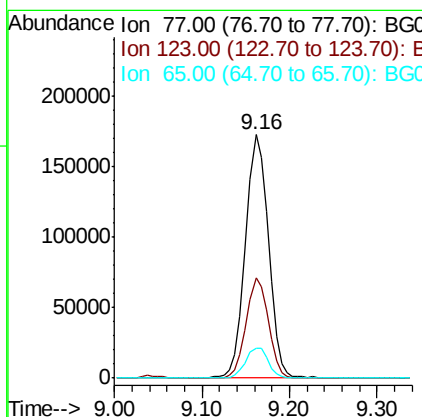
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#24
Nitrobenzene
Concen: 43.639 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.3	32.9	49.3
65	12.5	9.4	14.2





#25

Isophorone

Concen: 42.861 ng

RT: 9.68 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

Instrument :

BNA_G

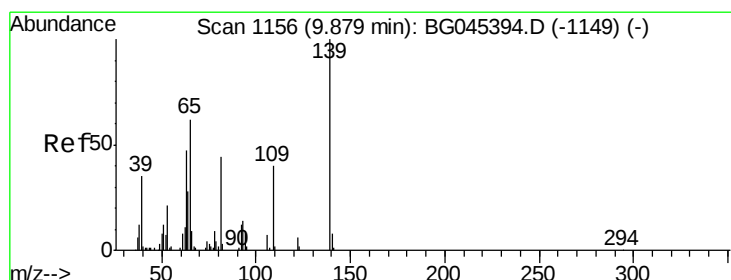
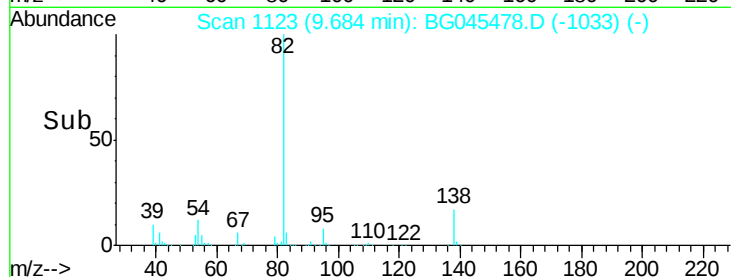
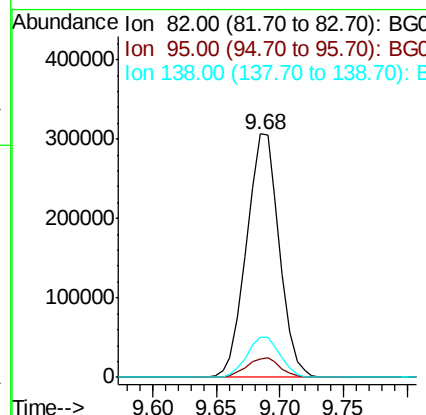
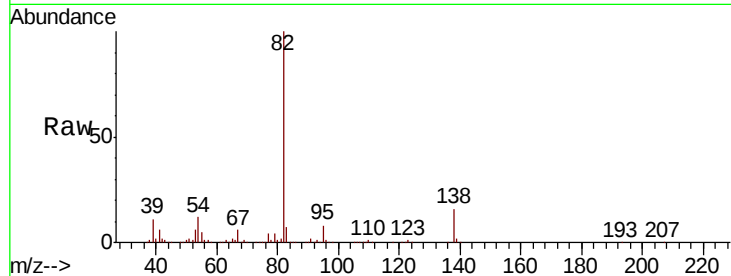
ClientSampleId :

370MS

Tot Ion:	82	Resp:	551525
Ion Ratio	Lower	Upper	
82	100		
95	7.8	6.7	10.1
138	16.4	12.2	18.4

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#26

2-Nitrophenol

Concen: 47.435 ng

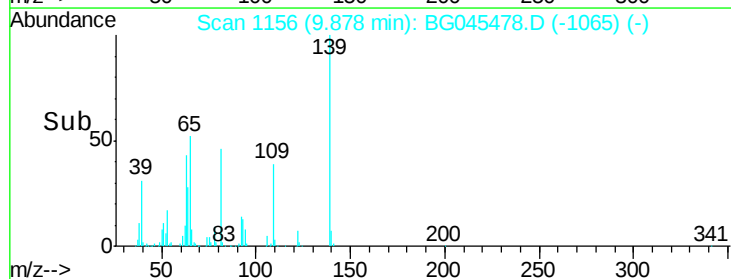
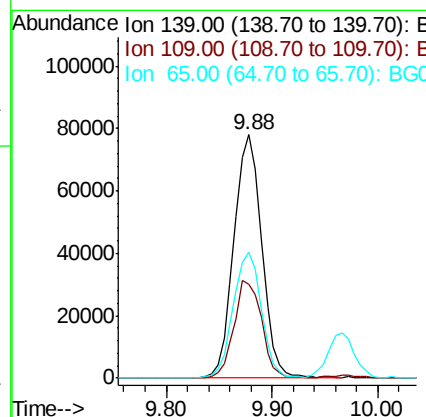
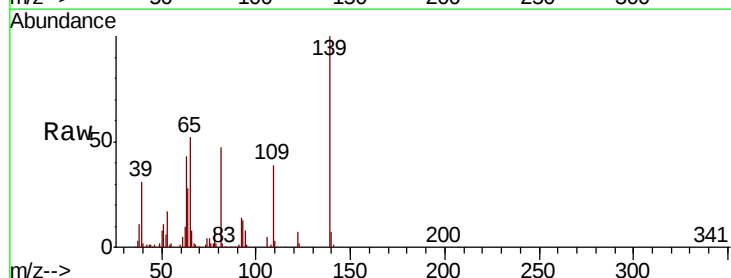
RT: 9.88 min Scan# 1156

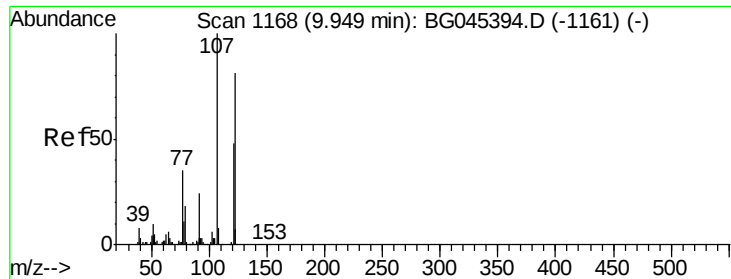
Delta R.T. 0.01 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

Tgt Ion:	139	Resp:	142052
Ion Ratio	Lower	Upper	
139	100		
109	38.7	32.2	48.4
65	51.9	49.6	74.4





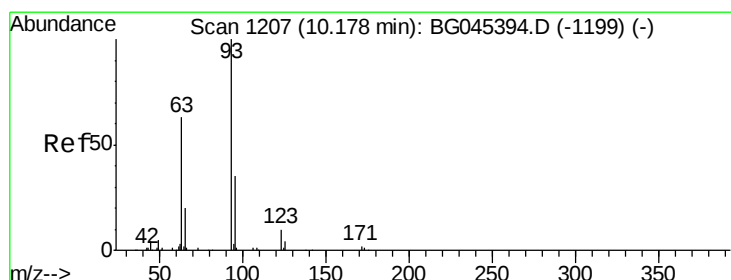
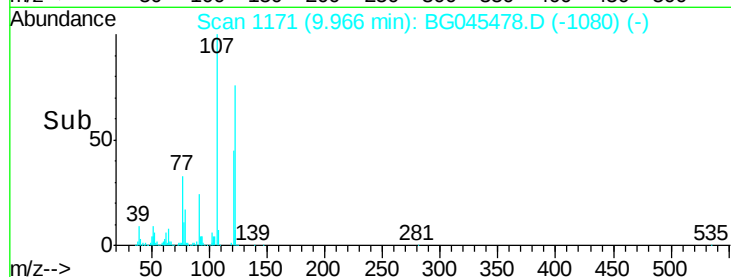
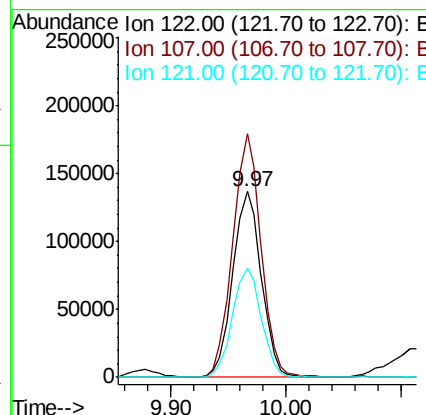
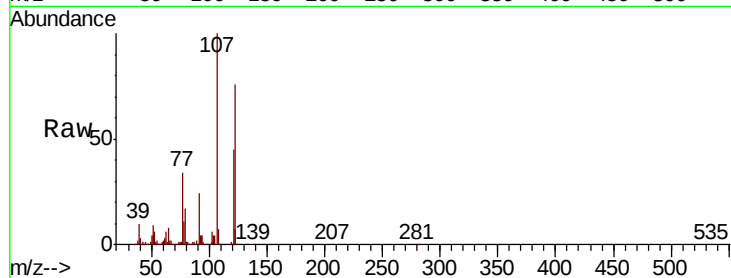
#27
 2,4-Dimethylphenol
 Concen: 52.823 ng
 RT: 9.97 min Scan# 1171
 Delta R.T. 0.01 min
 Lab File: BG045478.D
 Acq: 27 May 2020 16:13

Instrument :
 BNA_G
 ClientSampleId :
 370MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	234617		
107	131.3	99.0	148.4	
121	59.2	47.7	71.5	

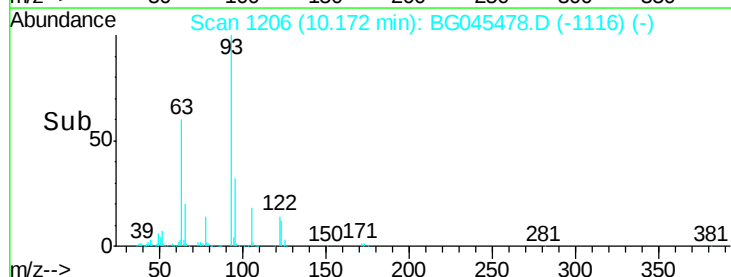
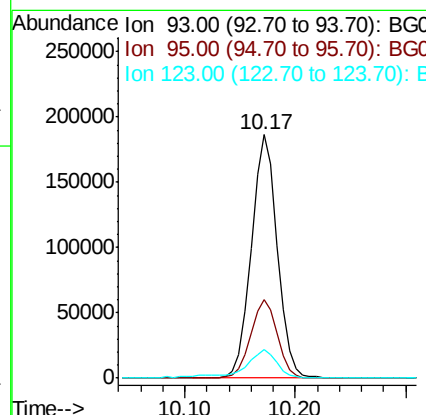
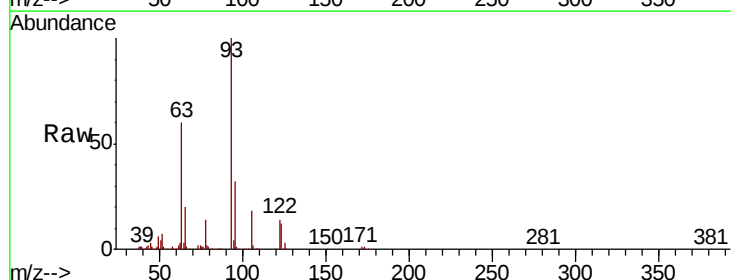
Manual Integrations
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#28
 bis(2-Chloroethoxy)methane
 Concen: 45.520 ng
 RT: 10.17 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BG045478.D
 Acq: 27 May 2020 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	307181		
95	32.1	27.6	41.4	
123	11.9	8.1	12.1	





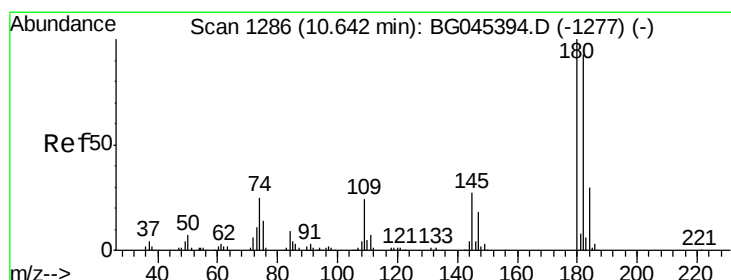
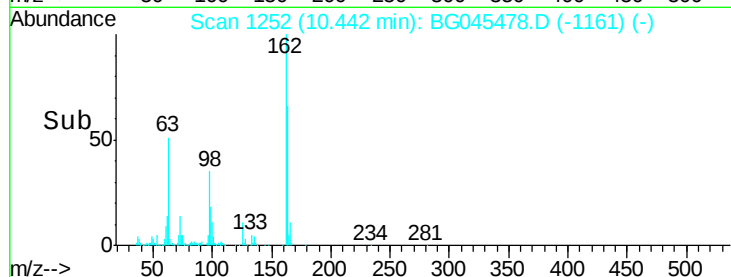
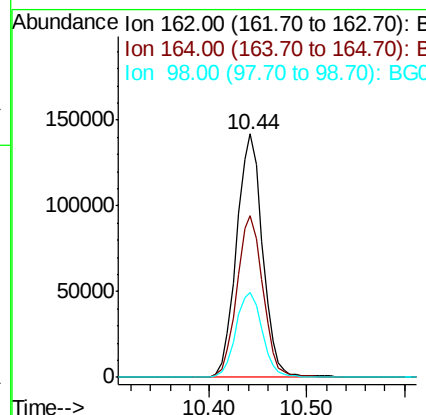
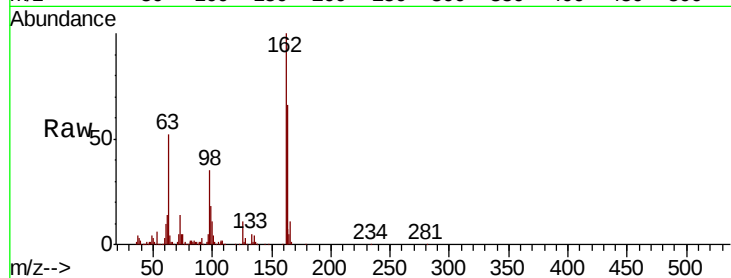
#29
 2,4-Dichlorophenol
 Concen: 50.155 ng
 RT: 10.44 min Scan# 1252
 Delta R.T. 0.01 min
 Lab File: BG045478.D
 Acq: 27 May 2020 16:13

Instrument :
 BNA_G
 ClientSampleId :
 370MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		263058		
164	66.2	46.8	86.8		
98	34.7	15.2	55.2		

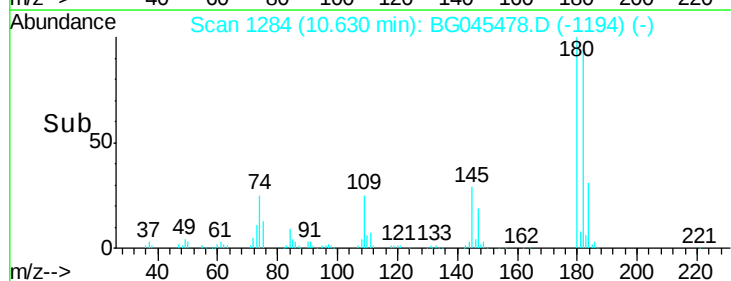
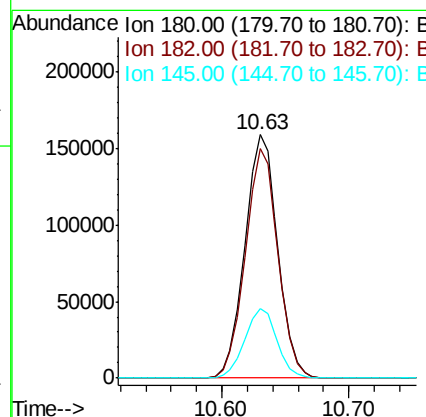
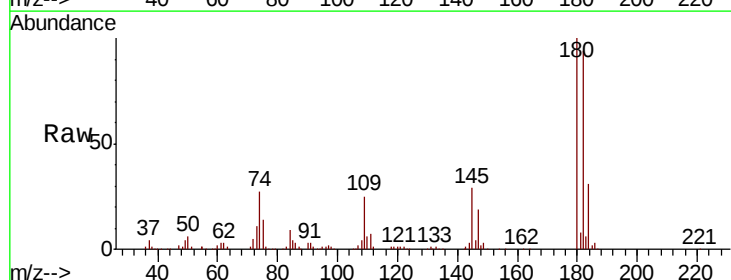
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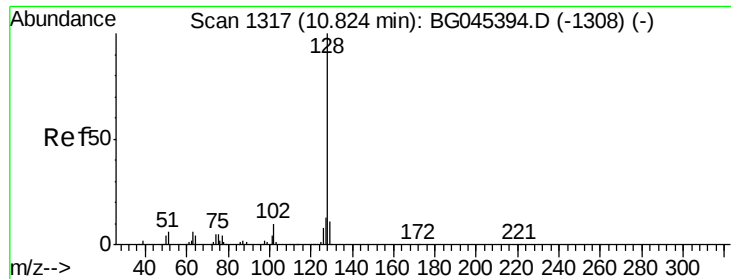
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#30
 1,2,4-Trichlorobenzene
 Concen: 45.910 ng
 RT: 10.63 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: BG045478.D
 Acq: 27 May 2020 16:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		284531		
182	94.4	74.8	112.2		
145	28.6	21.9	32.9		





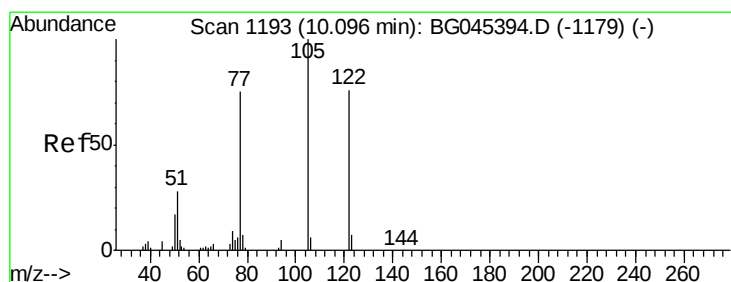
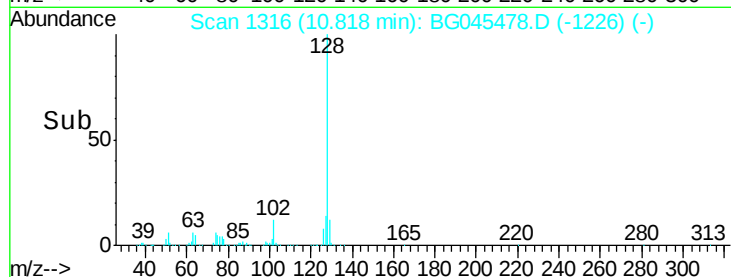
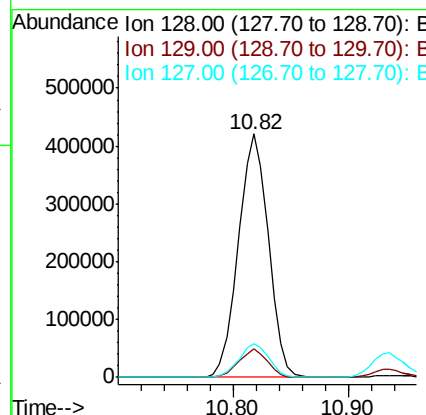
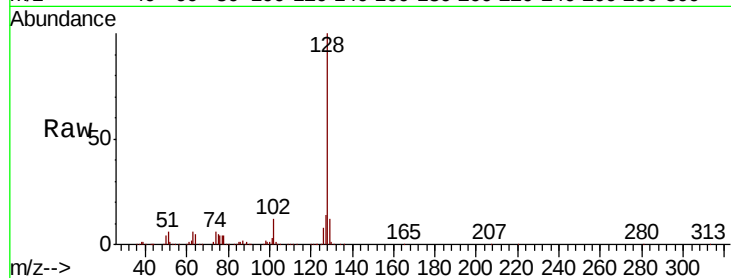
#31
Naphthalene
Concen: 45.581 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

Instrument :
BNA_G
ClientSampleId :
370MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	13.7	10.7	16.1

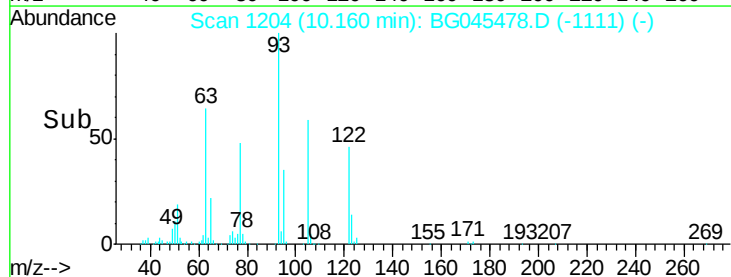
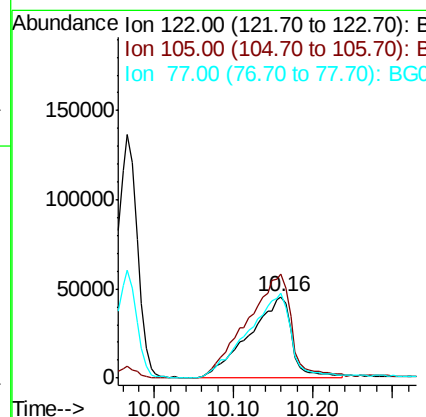
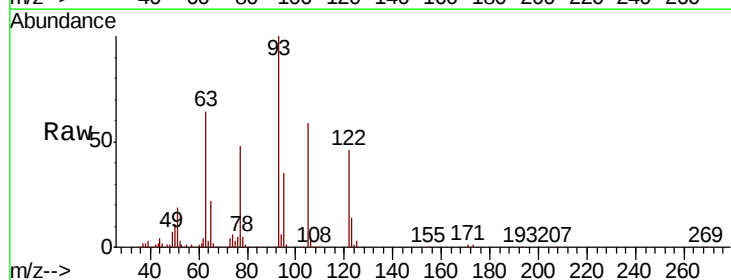
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#32
Benzoic acid
Concen: 54.904 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.02 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.3	107.9	147.9
77	105.0	78.9	118.9





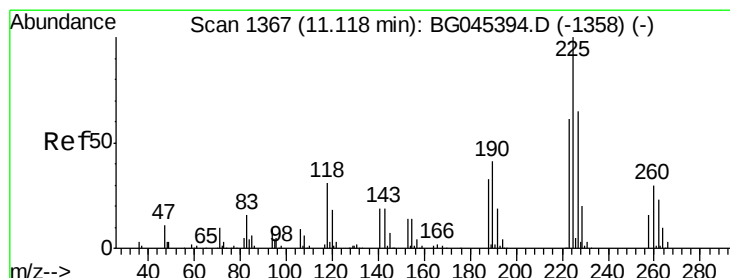
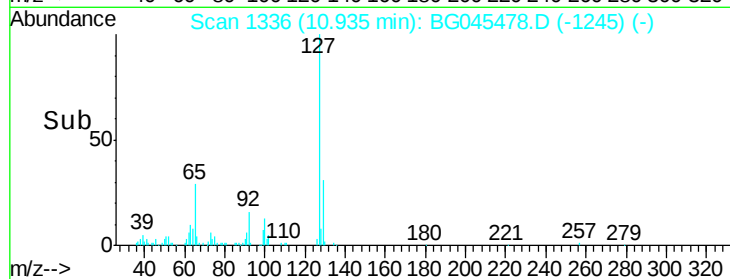
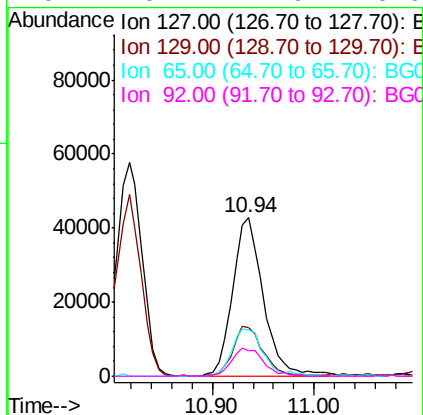
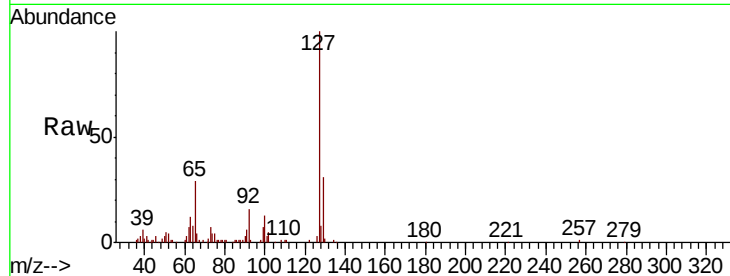
#33
4-Chloroaniline
Concen: 13.047 ng
RT: 10.94 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

Instrument :
BNA_G
ClientSampleId :
370MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.1	24.7	37.1		
65	29.2	26.2	39.2		
92	16.4	17.9	26.9		

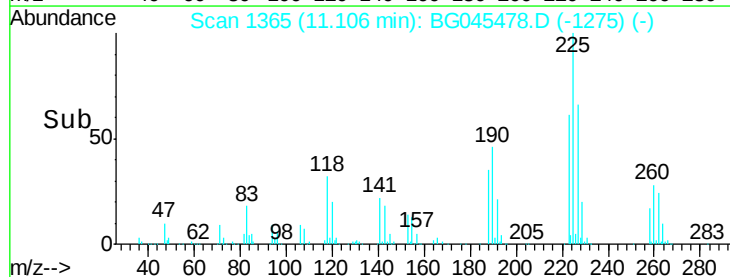
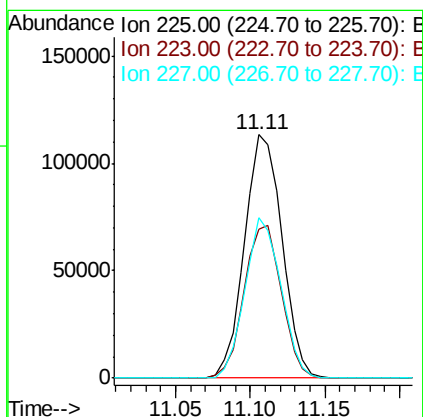
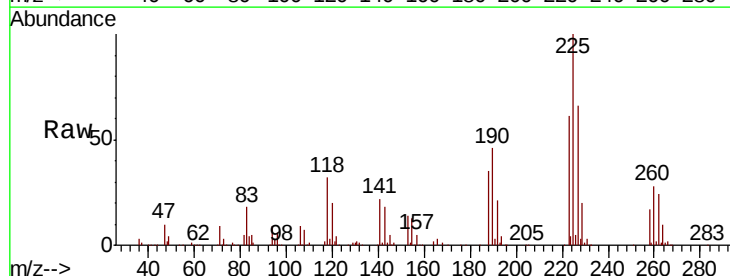
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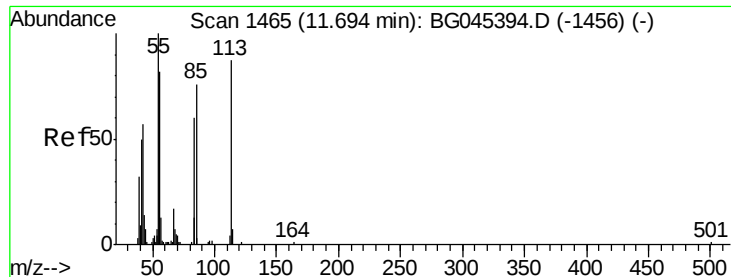
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#34
Hexachlorobutadiene
Concen: 44.970 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.1	49.1	73.7		
227	66.1	52.0	78.0		





#35

Caprolactam

Concen: 45.974 ng/mL

RT: 11.70 min Scan# 1467

Delta R.T. 0.01 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

Instrument :

BNA_G

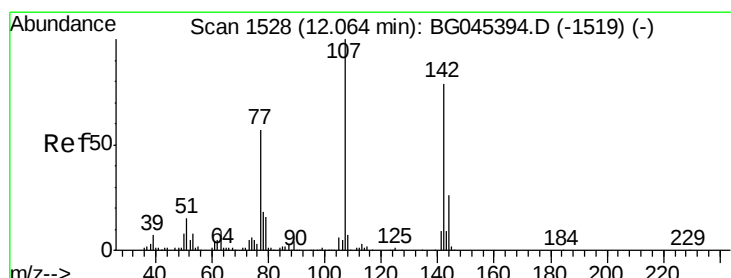
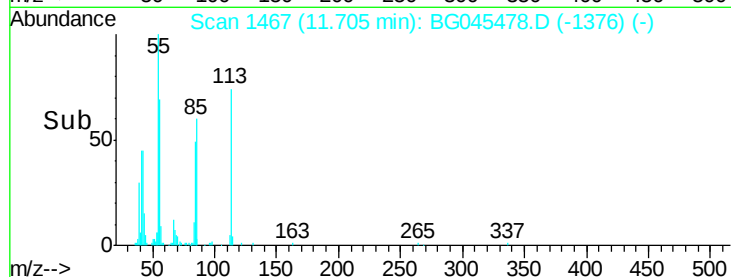
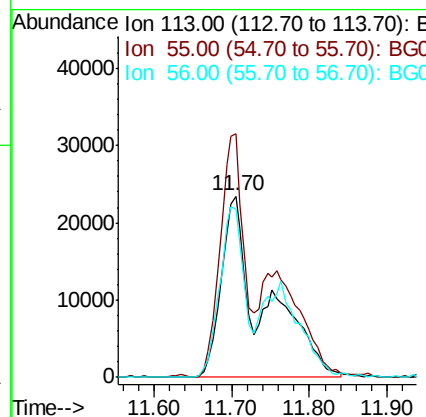
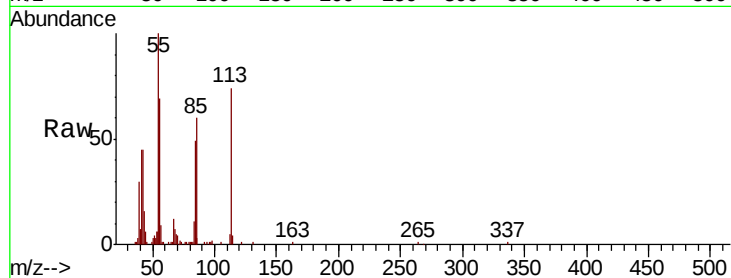
ClientSampleId :

370MS

Tot Ion:	113	Resp:	88507
Ion	Ratio	Lower	Upper
113	100		
55	134.6	96.0	136.0
56	92.8	75.1	115.1

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#36

4-Chloro-3-methylphenol

Concen: 48.569 ng/mL

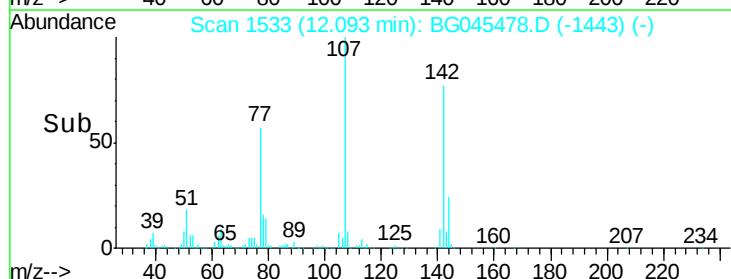
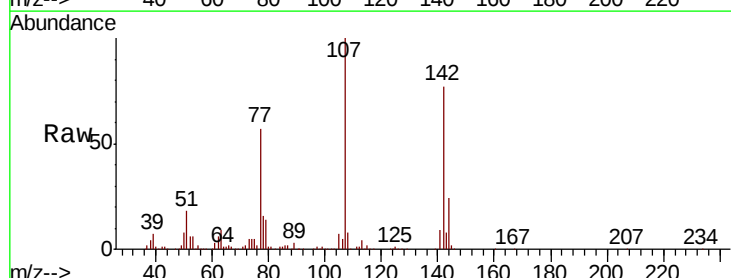
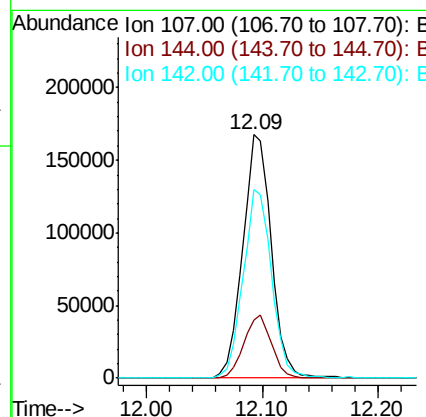
RT: 12.09 min Scan# 1533

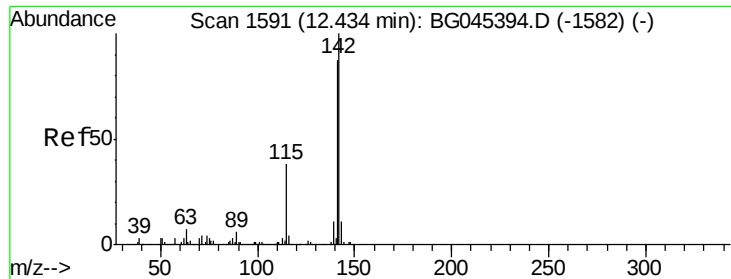
Delta R.T. -0.00 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

Tgt Ion:	107	Resp:	287049
Ion	Ratio	Lower	Upper
107	100		
144	23.8	20.8	31.2
142	77.4	62.8	94.2





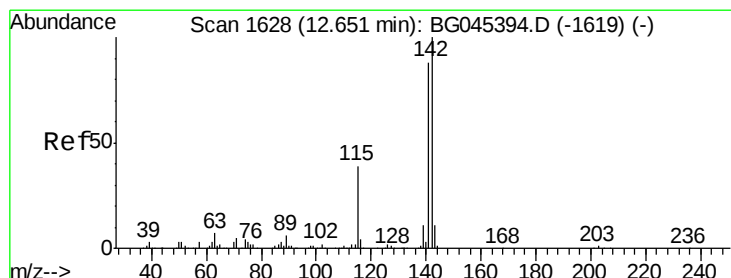
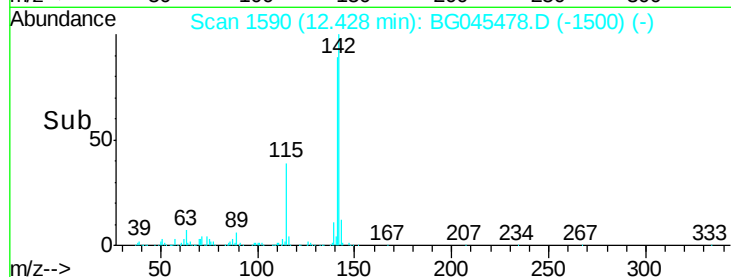
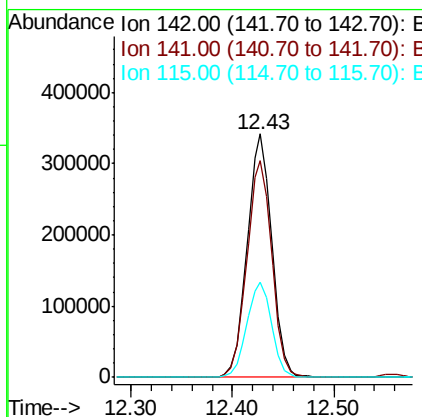
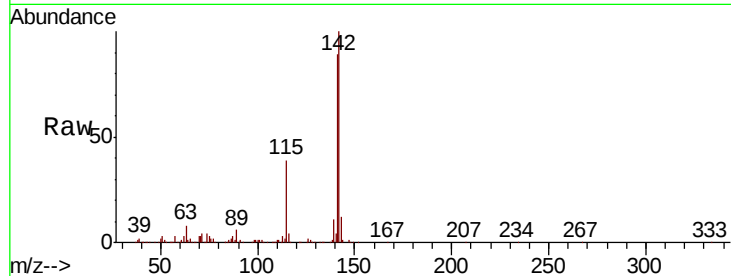
#37
2-Methylnaphthalene
Concen: 46.330 ng
RT: 12.43 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

Instrument :
BNA_G
ClientSampleId :
370MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.0	105.0
115	39.1	30.8	46.2

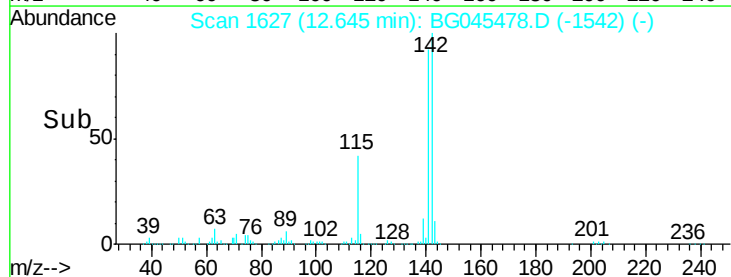
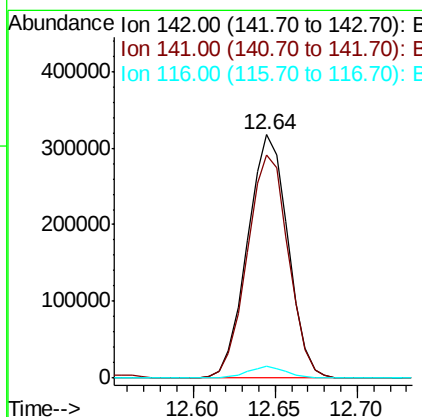
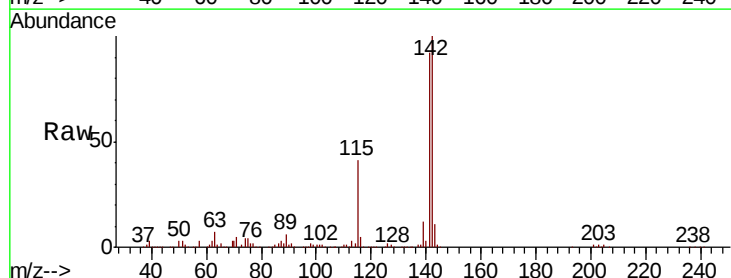
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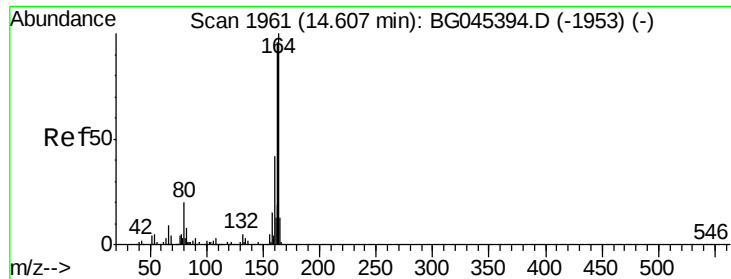
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#38
1-Methylnaphthalene
Concen: 46.844 ng m
RT: 12.64 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	70.8	106.2
116	4.8	3.0	4.6#





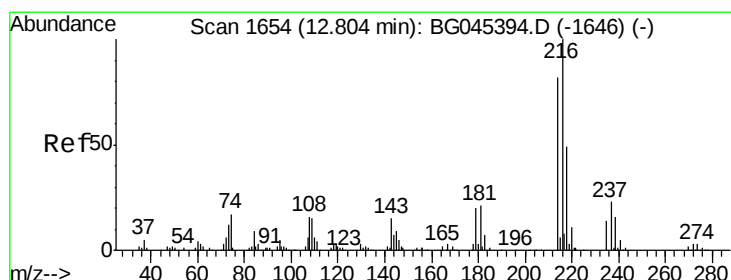
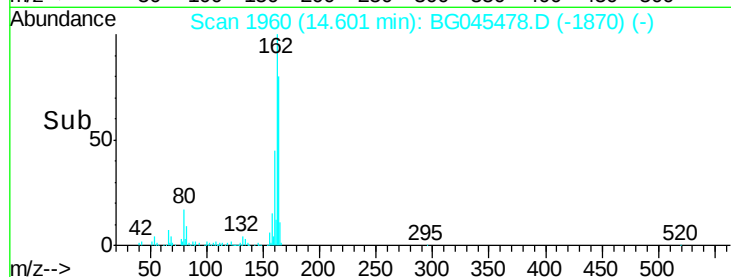
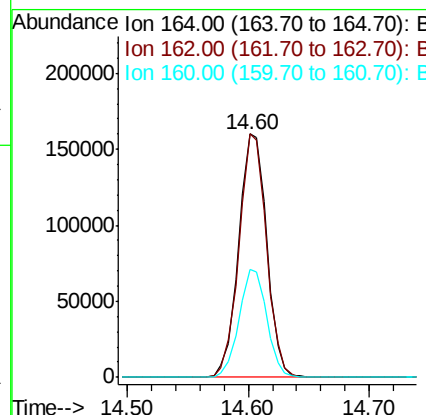
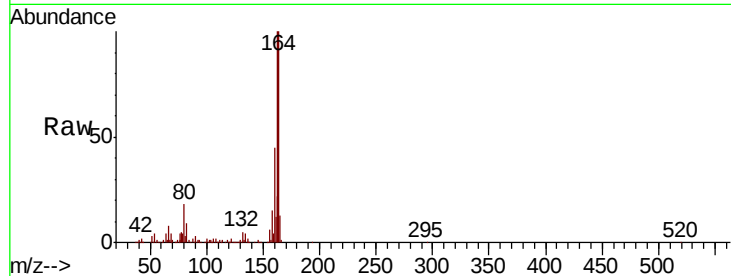
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.60 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

Instrument :
BNA_G
ClientSampleId :
370MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.9	76.9	115.3
160	44.6	33.8	50.8

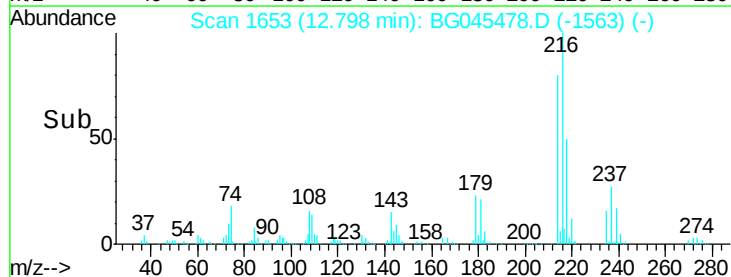
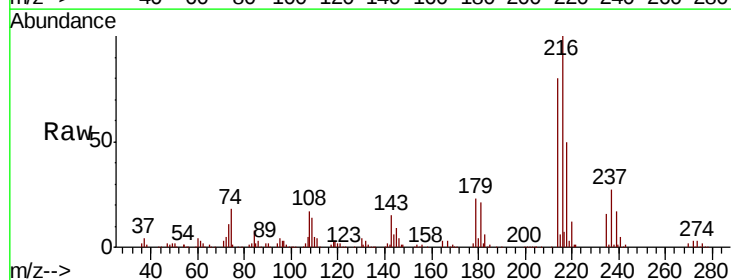
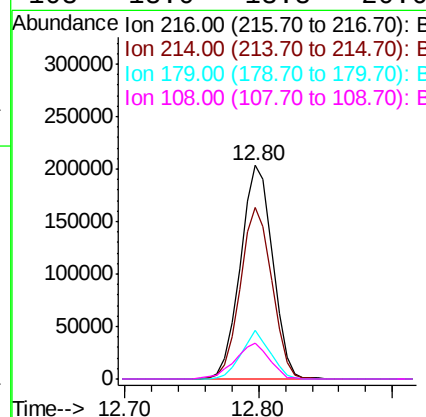
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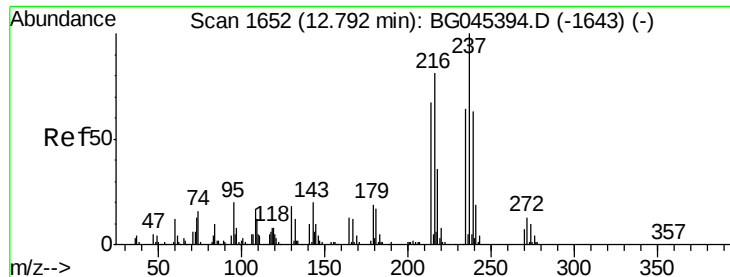
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.816 ng
RT: 12.80 min Scan# 1653
Delta R.T. -0.00 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.7	95.5
179	20.4	16.1	24.1
108	18.0	13.8	20.6





#41

Hexachlorocyclopentadiene

Concen: 78.883 ng

RT: 12.78 min Scan# 1650

Delta R.T. -0.00 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

Instrument :

BNA_G

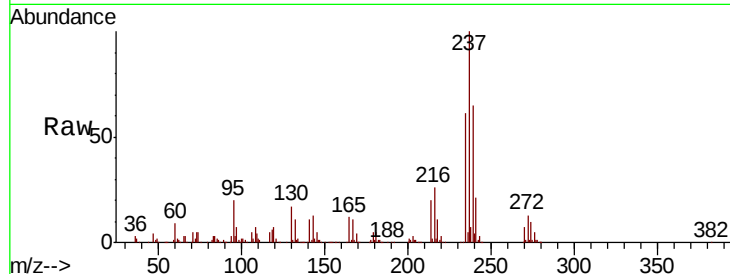
ClientSampleId :

370MS

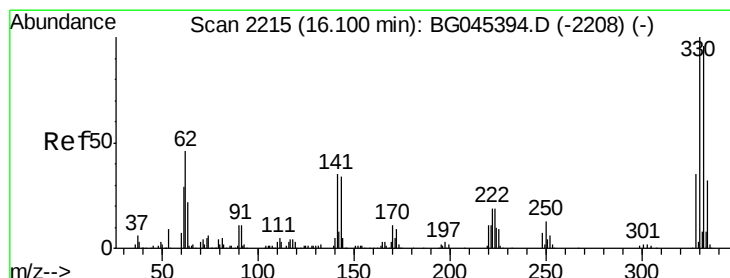
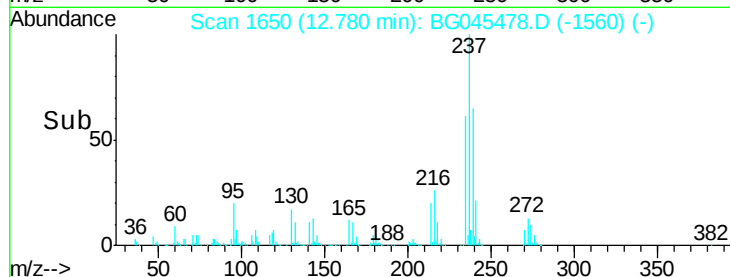
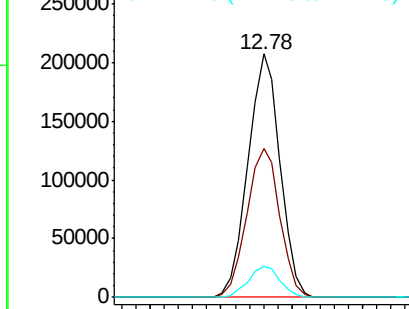
Tot Ion:	237	Resp:	329717
Ion Ratio	Lower	Upper	
237	100		
235	61.2	44.4	84.4
272	12.7	0.0	32.5

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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: 118.101 ng

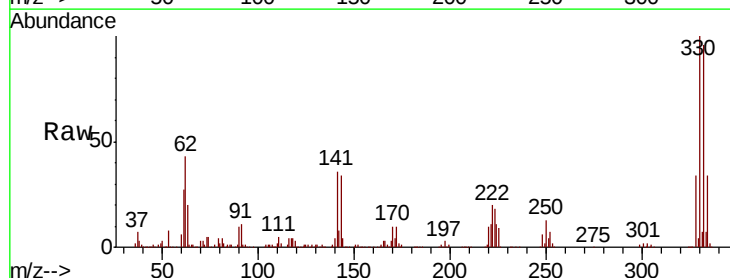
RT: 16.10 min Scan# 2215

Delta R.T. -0.00 min

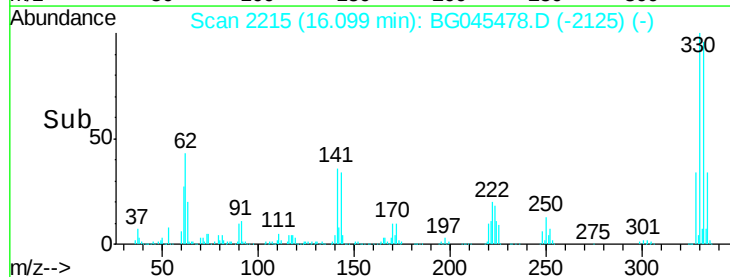
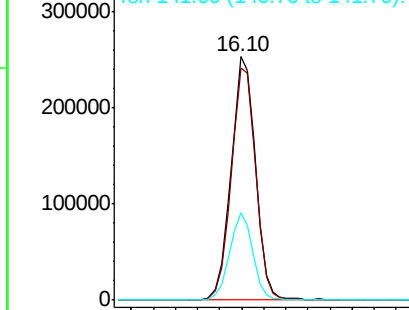
Lab File: BG045478.D

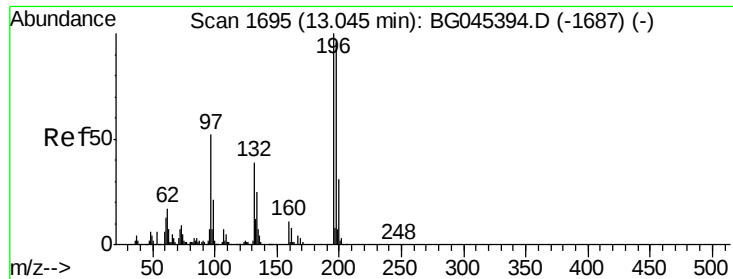
Acq: 27 May 2020 16:13

Tgt Ion:	330	Resp:	391592
Ion Ratio	Lower	Upper	
330	100		
332	96.9	78.2	117.4
141	34.4	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





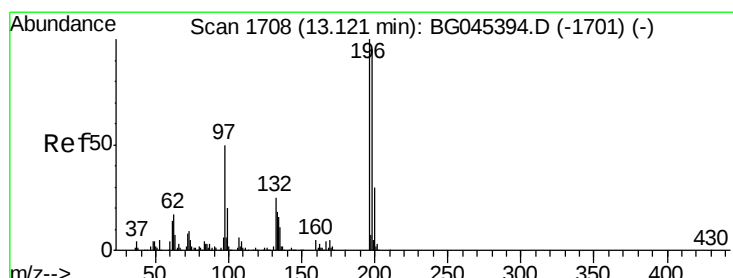
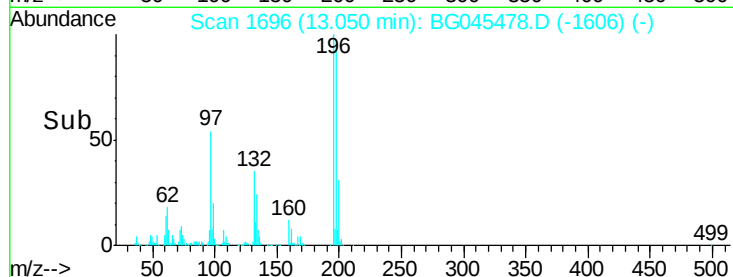
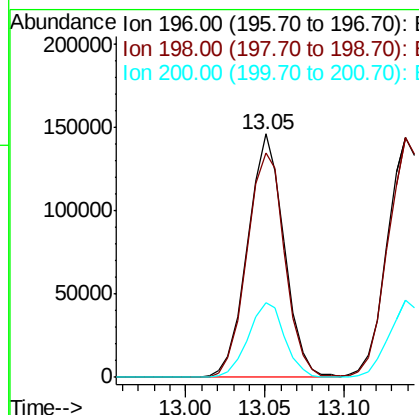
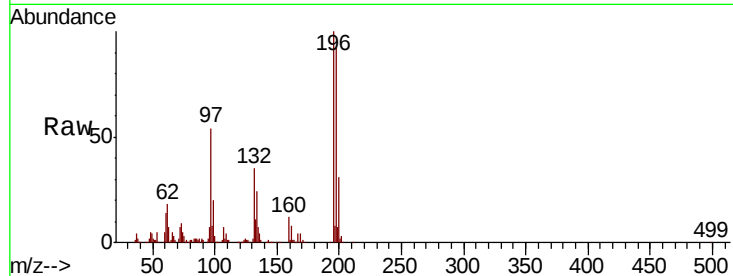
#43
 2,4,6-Trichlorophenol
 Concen: 46.465 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. -0.00 min
 Lab File: BG045478.D
 Acq: 27 May 2020 16:13

Instrument :
 BNA_G
 ClientSampleId :
 370MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.3	76.7	115.1
200	30.5	24.9	37.3

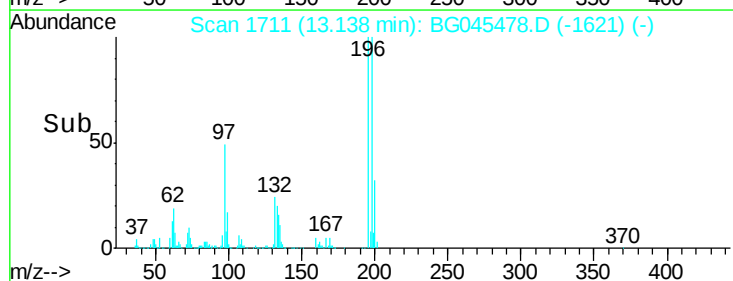
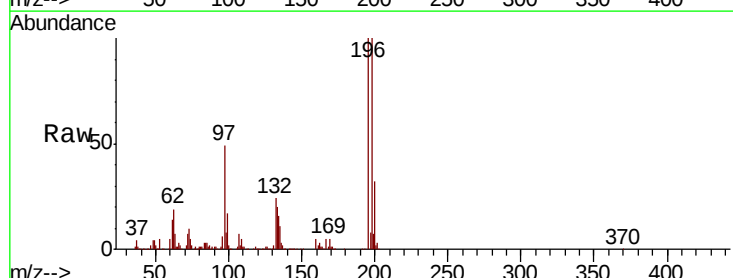
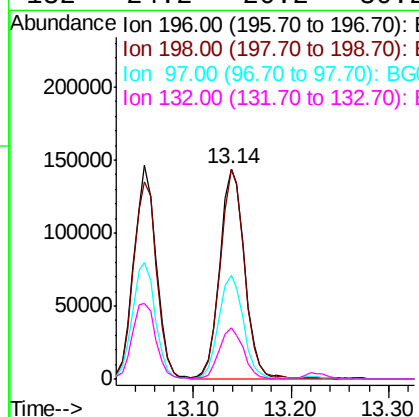
Manual Integrations
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#44
 2,4,5-Trichlorophenol
 Concen: 43.916 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG045478.D
 Acq: 27 May 2020 16:13

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.8	76.1	114.1
97	49.1	40.0	60.0
132	24.2	20.2	30.2





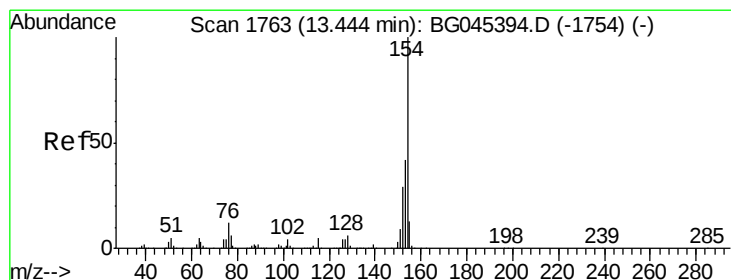
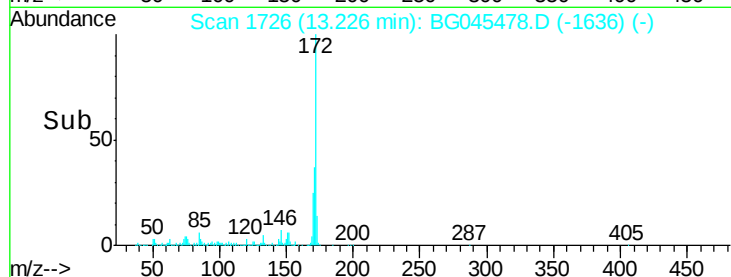
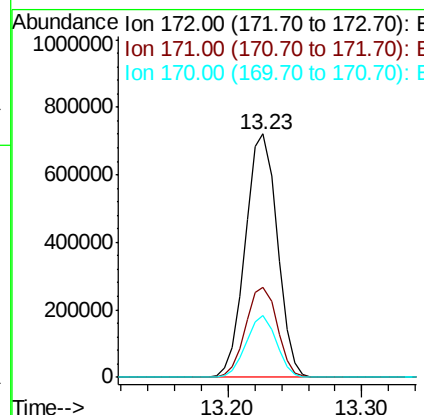
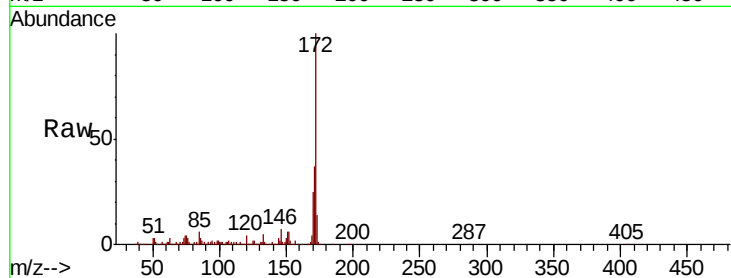
#45
2-Fluorobiphenyl
Concen: 77.900 ng
RT: 13.23 min Scan# 1726
Delta R.T. -0.00 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

Instrument :
BNA_G
ClientSampleId :
370MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.5	44.3
170	25.2	18.5	27.7

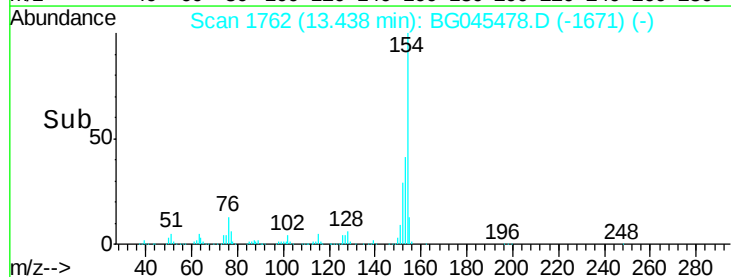
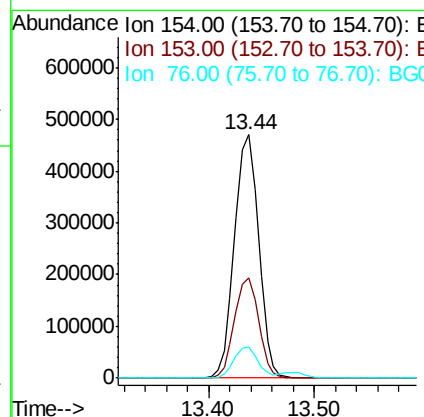
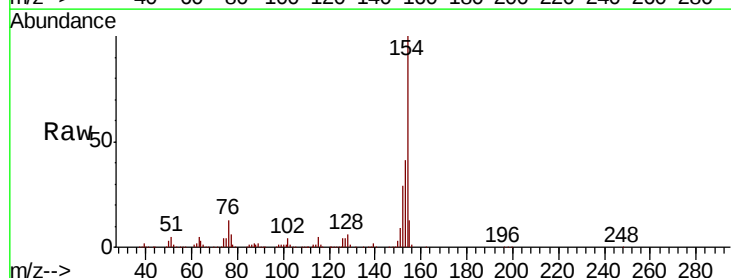
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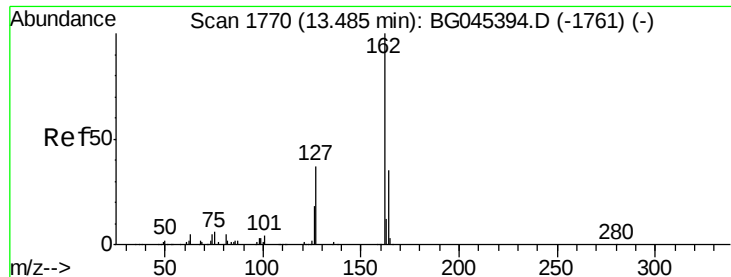
mohammad
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#46
1,1'-Biphenyl
Concen: 46.757 ng
RT: 13.44 min Scan# 1762
Delta R.T. 0.01 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	22.2	62.2
76	12.5	0.0	32.4





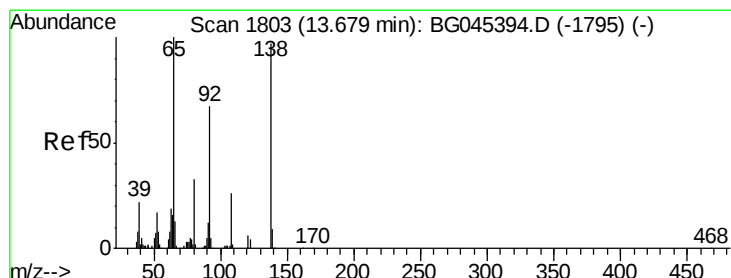
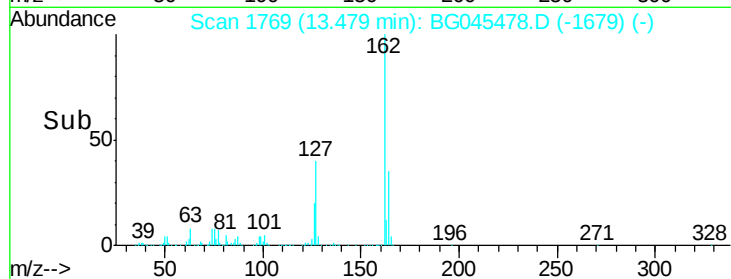
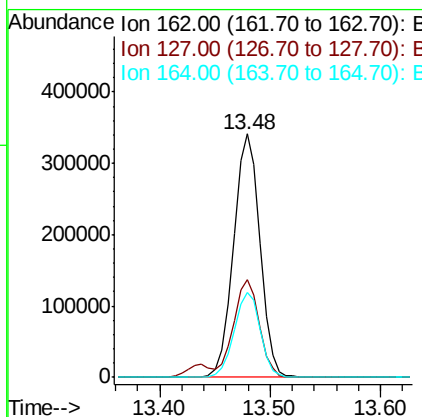
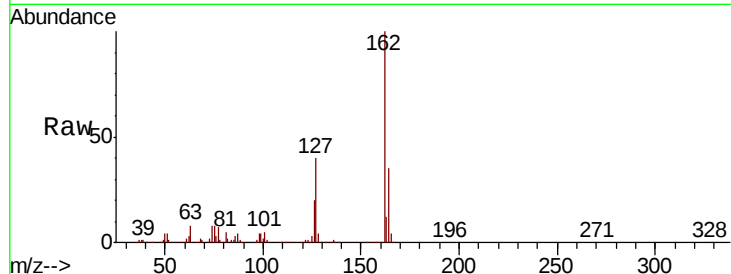
#47
2-Chloronaphthalene
Concen: 44.079 ng
RT: 13.48 min Scan# 1769
Delta R.T. -0.00 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

Instrument :
BNA_G
ClientSampleId :
370MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.2	31.6	47.4
164	35.1	28.1	42.1

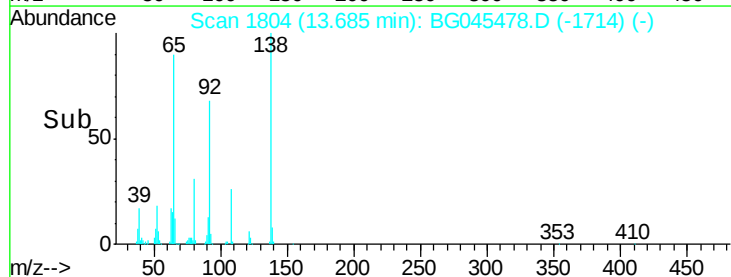
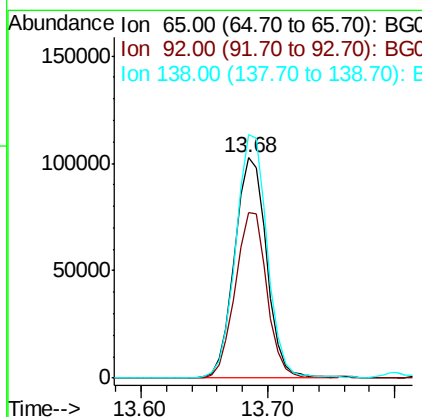
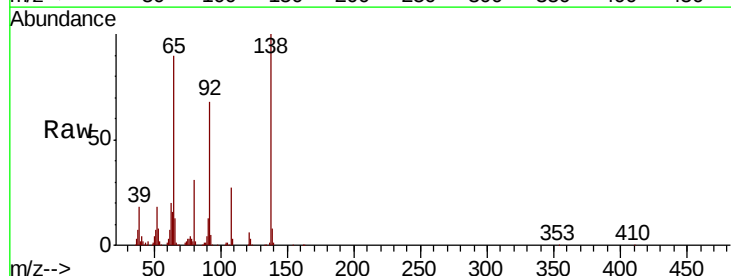
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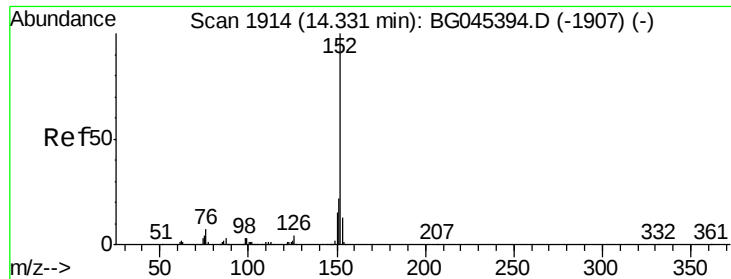
mohammad
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#48
2-Nitroaniline
Concen: 42.256 ng
RT: 13.68 min Scan# 1804
Delta R.T. -0.00 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.2	53.8	80.8
138	110.6	77.9	116.9





#49

Acenaphthylene

Concen: 45.511 ng

RT: 14.32 min Scan# 1913

Delta R.T. -0.00 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

Instrument :

BNA_G

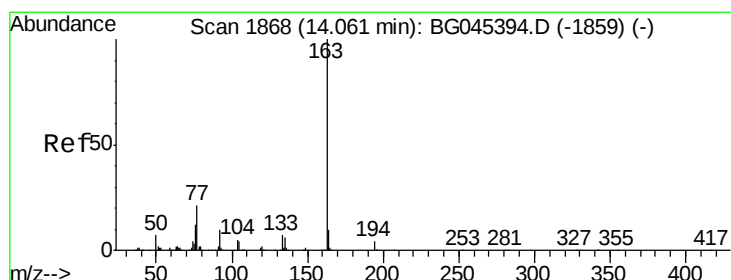
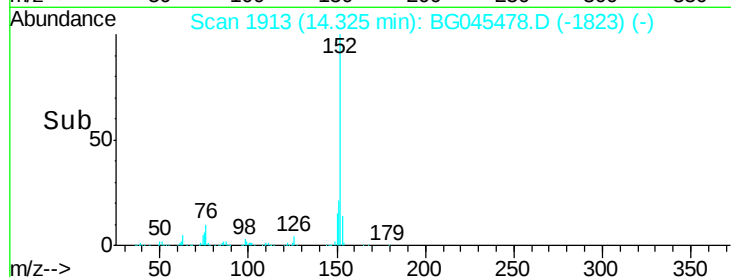
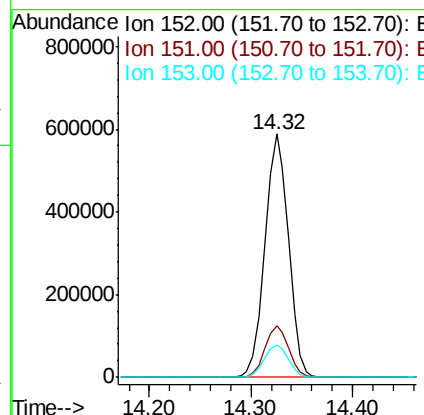
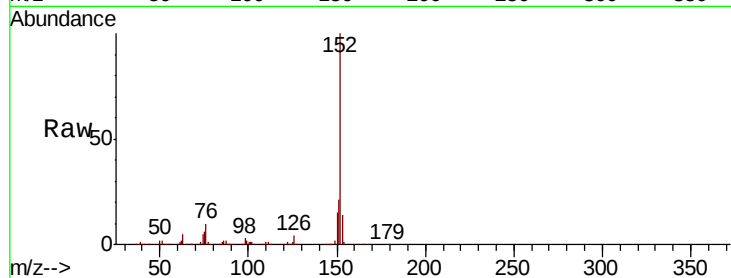
ClientSampleId :

370MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.4	26.2
153	13.6	10.7	16.1

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#50

Dimethylphthalate

Concen: 49.420 ng

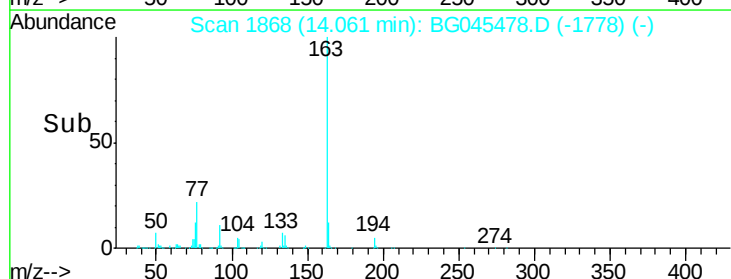
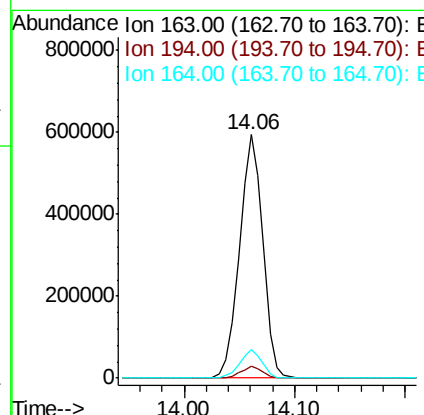
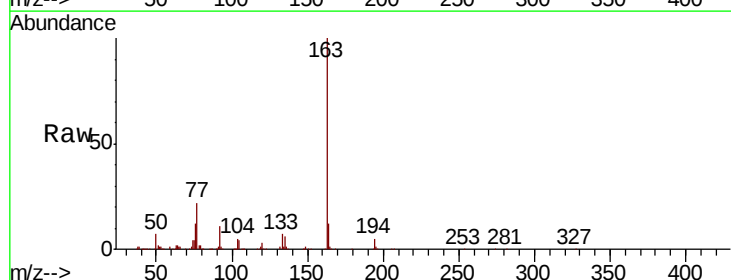
RT: 14.06 min Scan# 1868

Delta R.T. -0.00 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.2	4.8
164	11.8	8.3	12.5





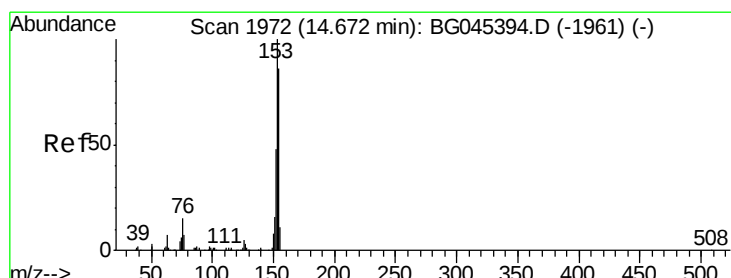
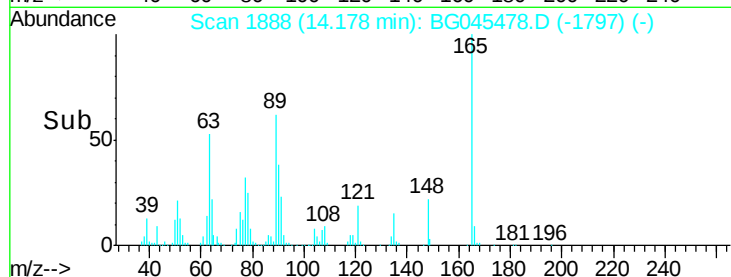
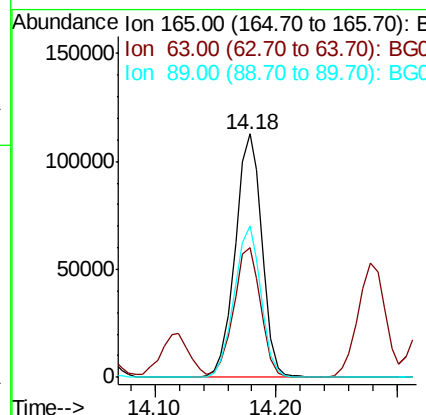
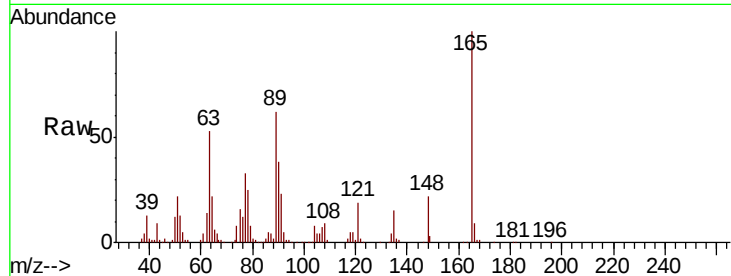
#51
 2,6-Dinitrotoluene
 Concen: 43.037 ng
 RT: 14.18 min Scan# 1888
 Delta R.T. 0.01 min
 Lab File: BG045478.D
 Acq: 27 May 2020 16:13

Instrument :
 BNA_G
 ClientSampleId :
 370MS

Tot Ion:	165	Resp:	172720
Ion Ratio	Lower	Upper	
165	100		
63	53.5	45.0	67.4
89	62.2	50.2	75.4

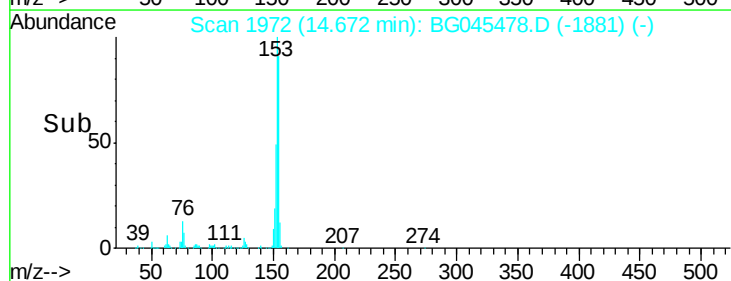
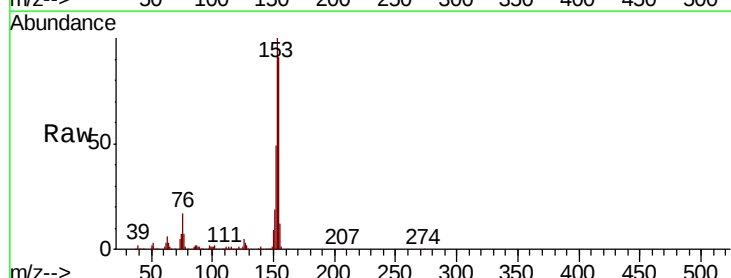
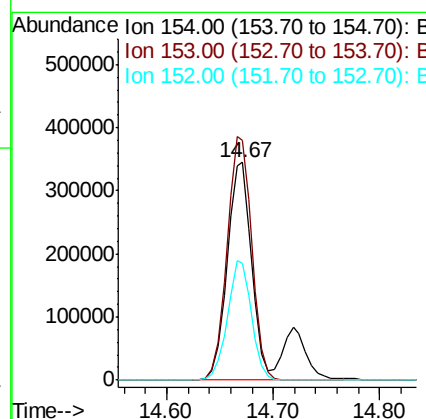
Manual Integrations
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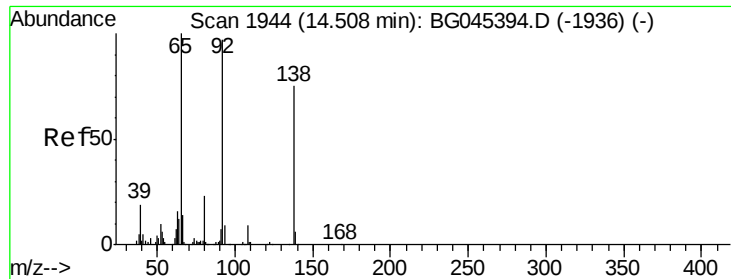
mohammad
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#52
 Acenaphthene
 Concen: 49.376 ng m
 RT: 14.67 min Scan# 1972
 Delta R.T. 0.01 min
 Lab File: BG045478.D
 Acq: 27 May 2020 16:13

Tgt Ion:	154	Resp:	686779
Ion Ratio	Lower	Upper	
154	100		
153	109.7	92.8	139.2
152	53.5	44.6	66.8





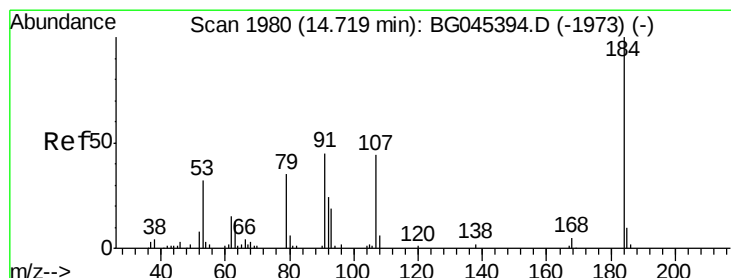
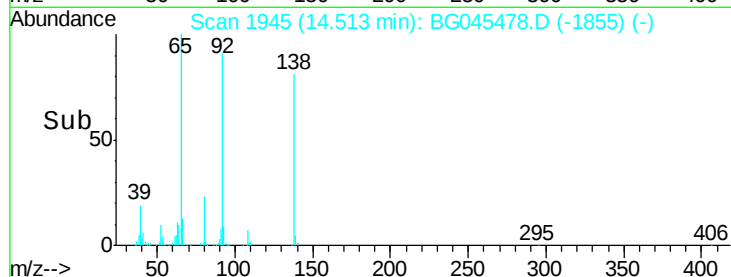
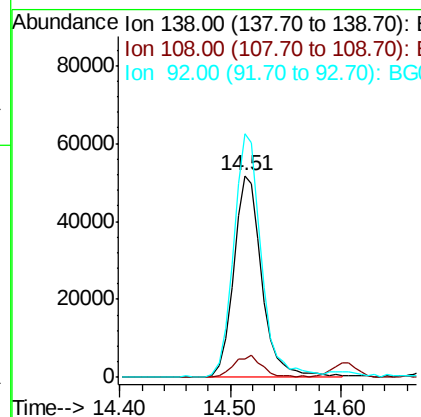
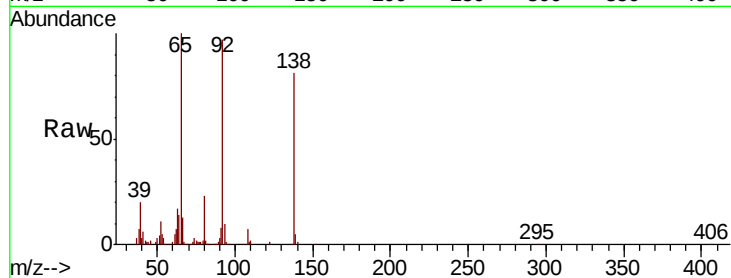
#53
3-Nitroaniline
Concen: 22.598 ng
RT: 14.51 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

Instrument :
BNA_G
ClientSampleId :
370MS

Tot Ion:138 Resp: 92192
Ion Ratio Lower Upper
138 100
108 9.1 9.8 14.6#
92 120.6 103.0 154.4

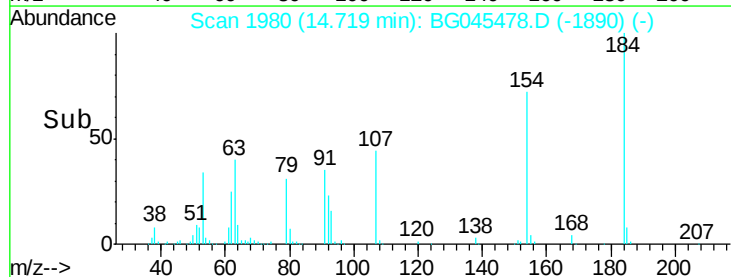
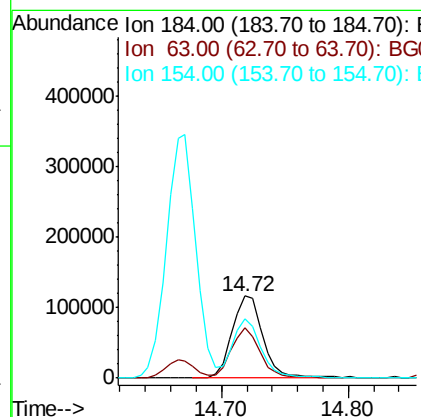
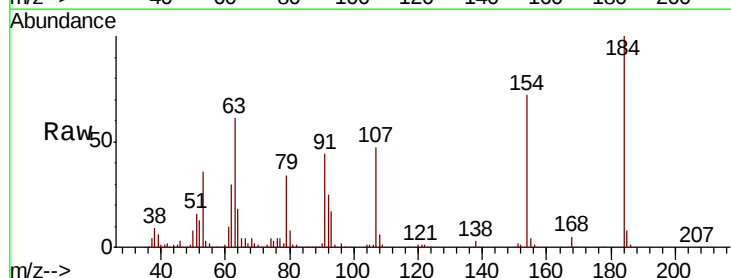
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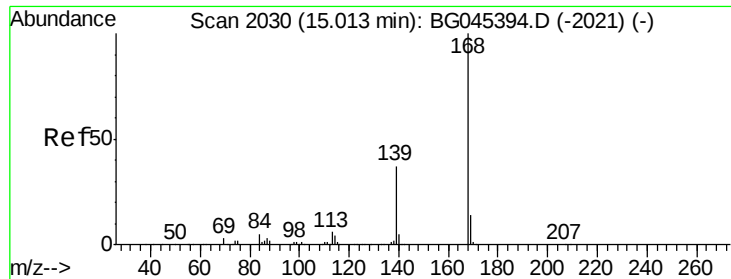
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#54
2,4-Dinitrophenol
Concen: 74.939 ng
RT: 14.72 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

Tgt Ion:184 Resp: 196040
Ion Ratio Lower Upper
184 100
63 60.5 47.8 71.6
154 71.5 58.3 87.5





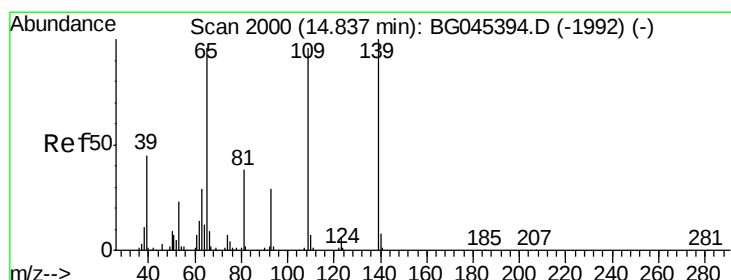
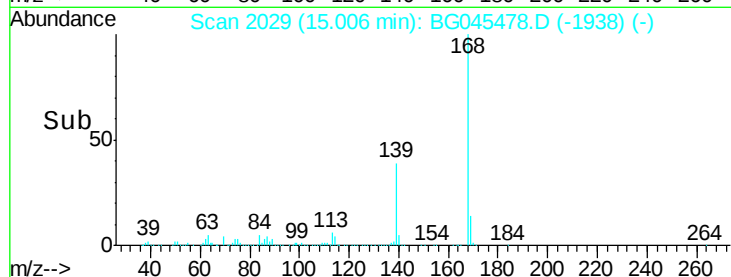
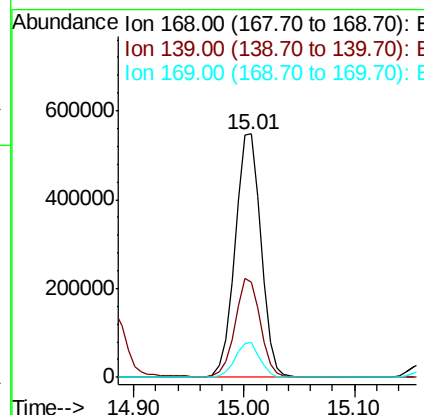
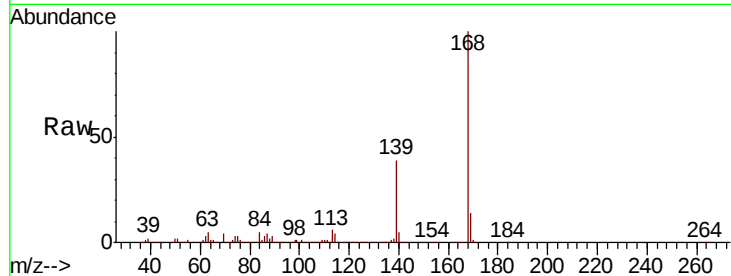
#55
Dibenzenofuran
Concen: 43.754 ng
RT: 15.01 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

Instrument :
BNA_G
ClientSampleId :
370MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.2	29.9	44.9
169	14.1	10.9	16.3

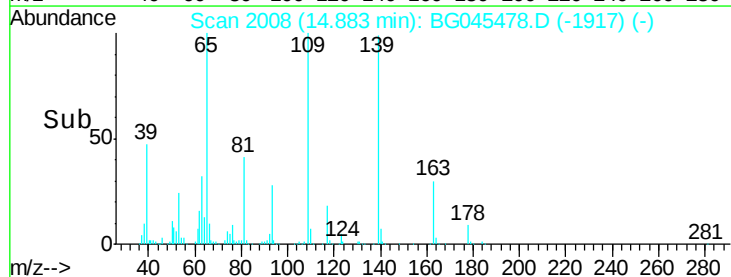
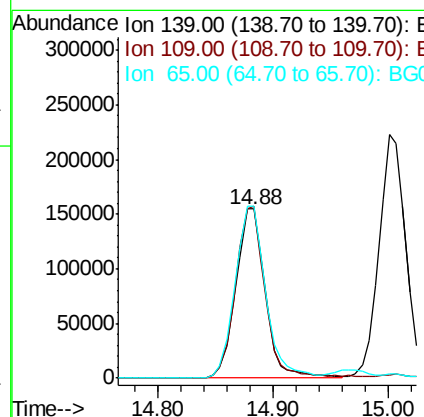
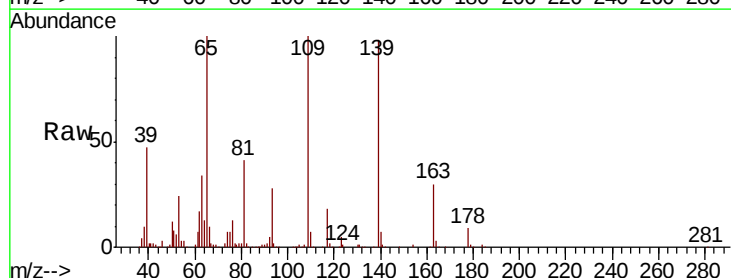
Manual Integrations
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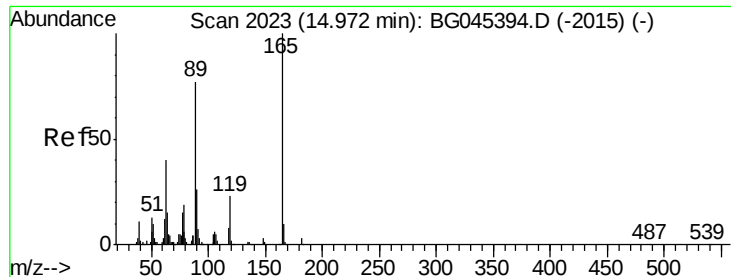
mohammad
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#56
4-Nitrophenol
Concen: 89.045 ng
RT: 14.88 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

Tgt Ion	Ratio	Lower	Upper
139	100		
109	101.4	75.6	115.6
65	101.7	76.8	116.8





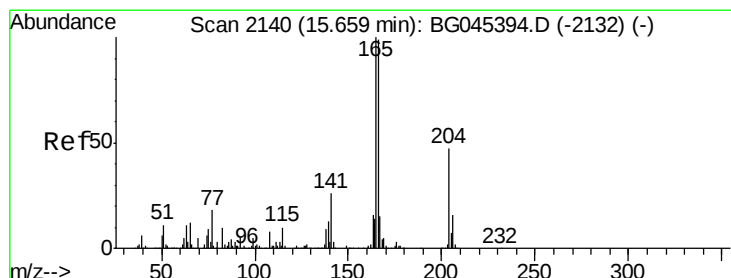
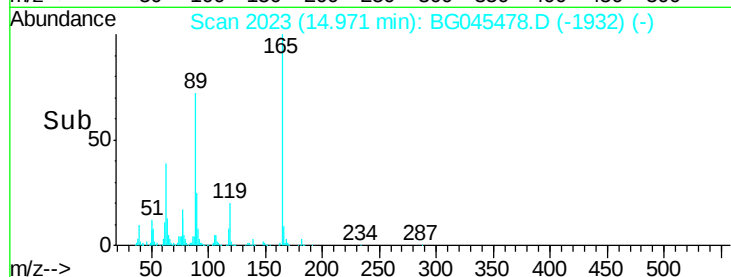
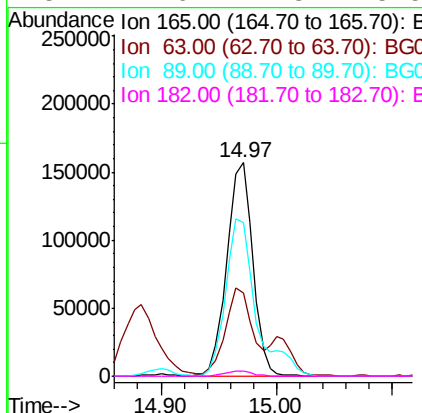
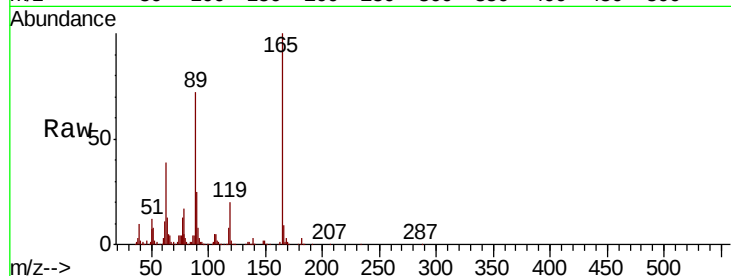
#57
2,4-Dinitrotoluene
Concen: 42.128 ng
RT: 14.97 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

Instrument :
BNA_G
ClientSampleId :
370MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	244865		
63	38.8	32.5	48.7	
89	71.8	61.8	92.6	
182	2.6	2.3	3.5	

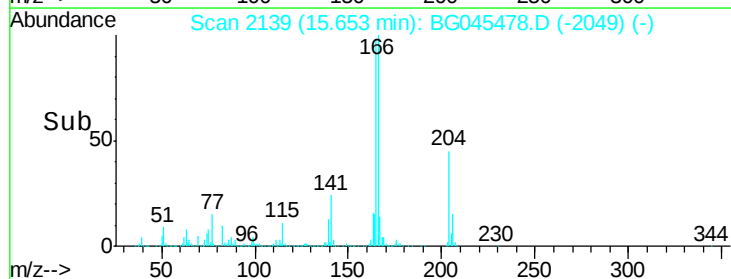
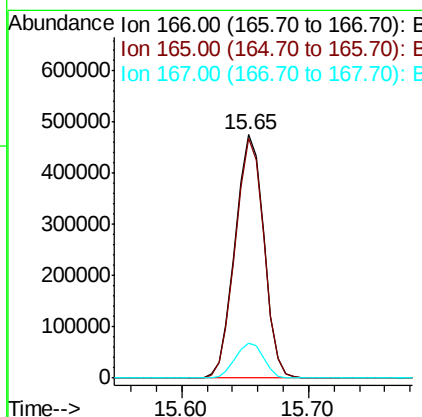
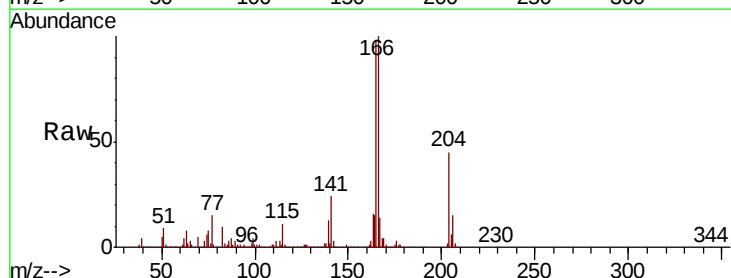
Manual Integrations
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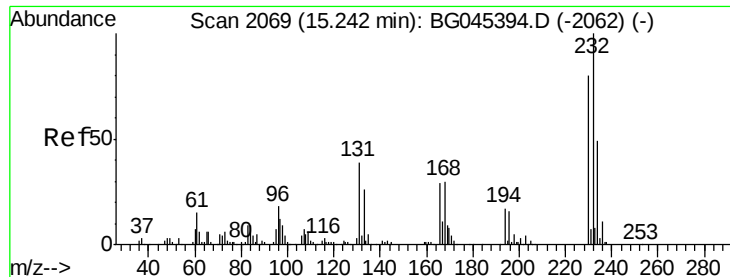
mohammad
5/29/2020 10:24:32 PM



#58
Fluorene
Concen: 44.093 ng
RT: 15.65 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	748229		
165	98.4	80.8	121.2	
167	14.2	12.0	18.0	





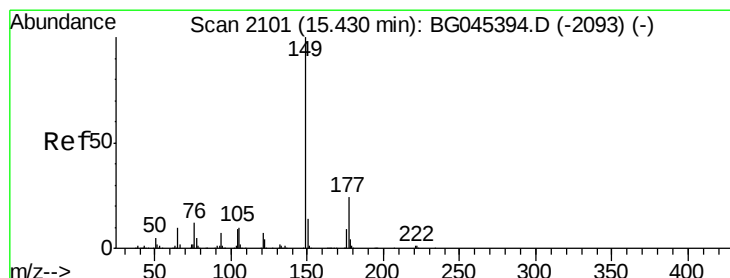
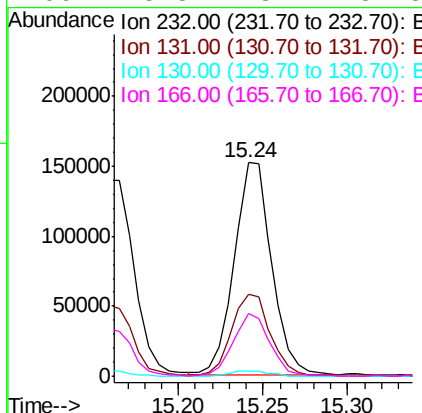
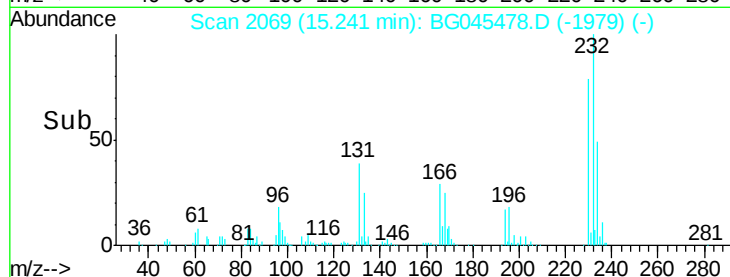
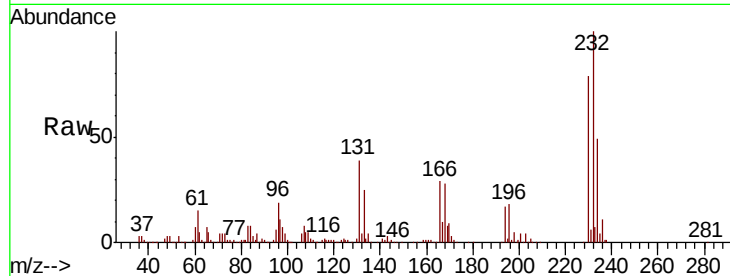
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.192 ng
 RT: 15.24 min Scan# 2069
 Delta R.T. -0.00 min
 Lab File: BG045478.D
 Acq: 27 May 2020 16:13

Instrument :
 BNA_G
 ClientSampleId :
 370MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		233617		
131	41.4	33.7	50.5		
130	2.6	2.1	3.1		
166	28.8	23.2	34.8		

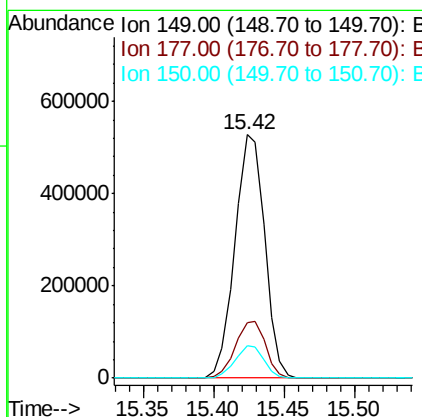
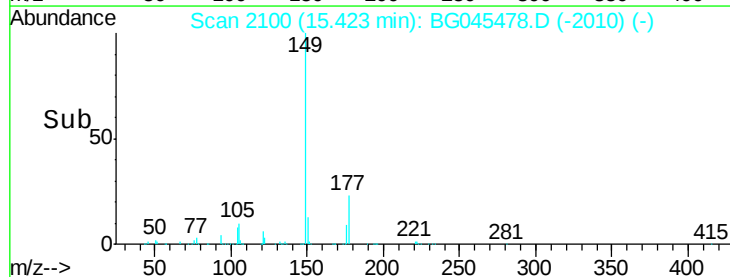
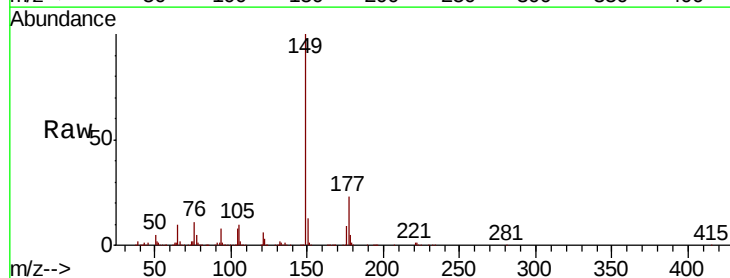
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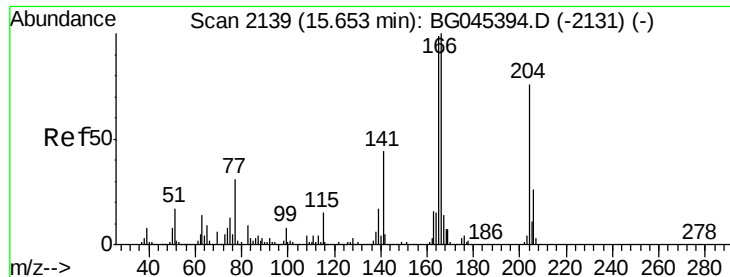
mohammad
 5/29/2020 10:24:32 PM



#60
 Diethylphthalate
 Concen: 42.029 ng
 RT: 15.42 min Scan# 2100
 Delta R.T. -0.00 min
 Lab File: BG045478.D
 Acq: 27 May 2020 16:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		778036		
177	22.8	19.0	28.4		
150	13.5	11.4	17.0		





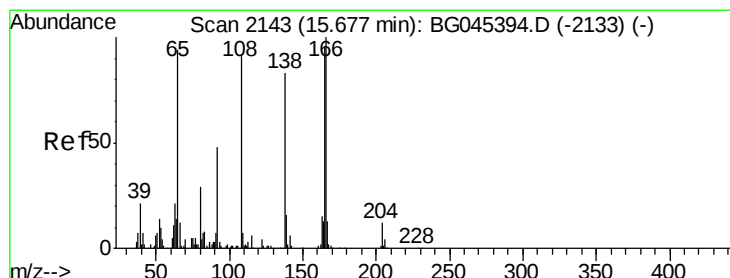
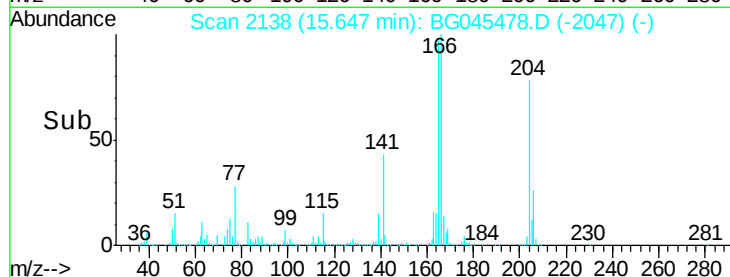
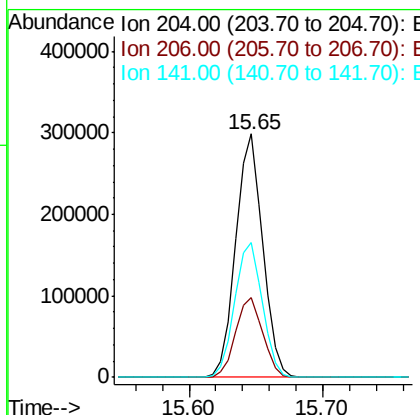
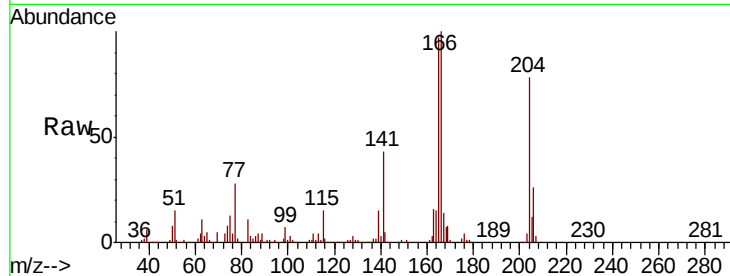
#61
4-Chlorophenyl-phenylether
Concen: 43.175 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.01 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

Instrument :
BNA_G
ClientSampleId :
370MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	27.3	40.9
141	55.3	45.9	68.9

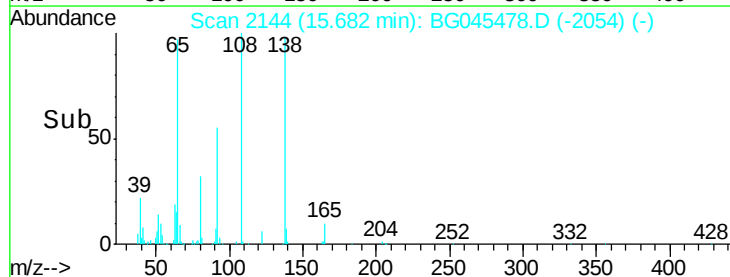
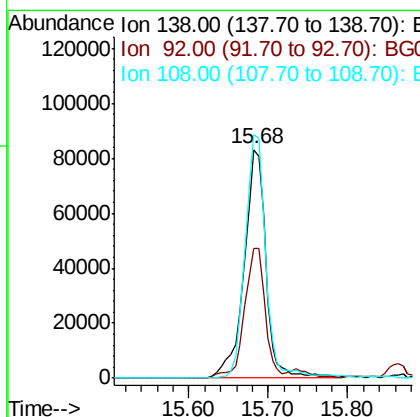
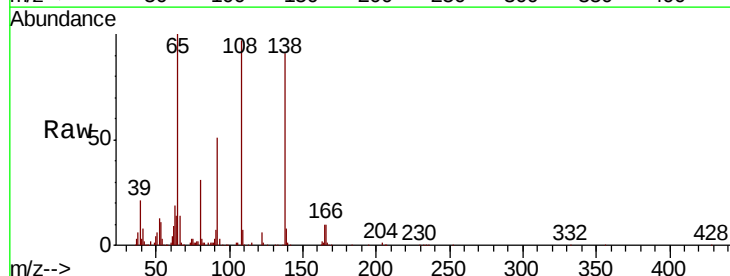
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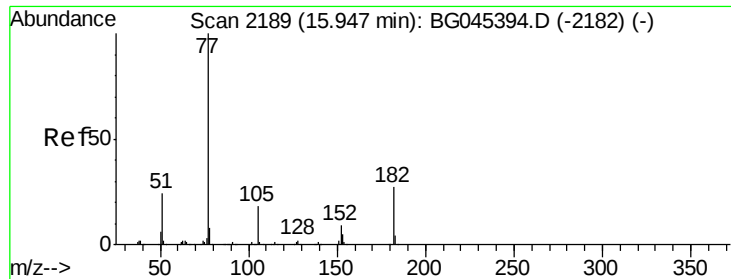
mohammad
5/29/2020 10:24:32 PM



#62
4-Nitroaniline
Concen: 37.512 ng
RT: 15.68 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.7	38.0	78.0
108	106.7	89.3	129.3





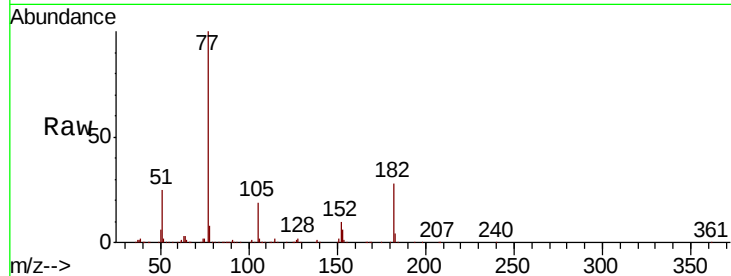
#63
Azobenzene
Concen: 42.764 ng
RT: 15.94 min Scan# 2188
Delta R.T. 0.01 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

Instrument :
BNA_G
ClientSampleId :
370MS

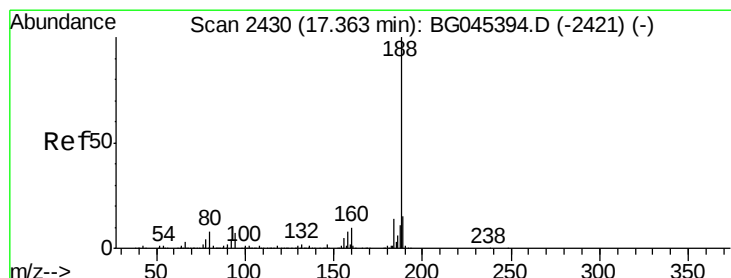
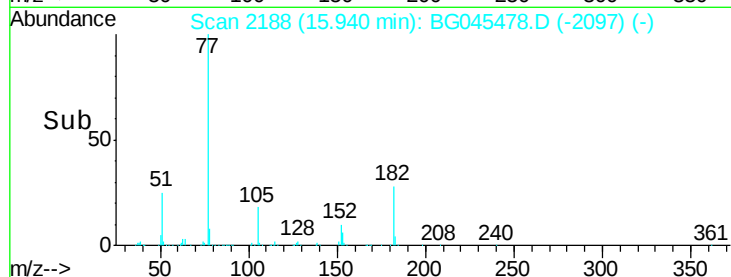
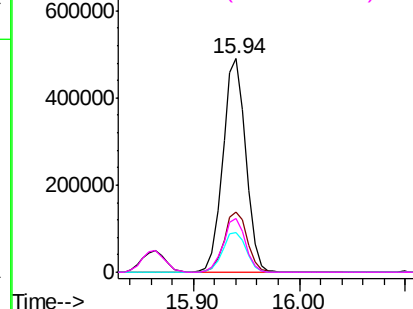
Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	28.1	6.5	46.5	
105	18.9	0.0	37.9	
51	25.0	4.1	44.1	

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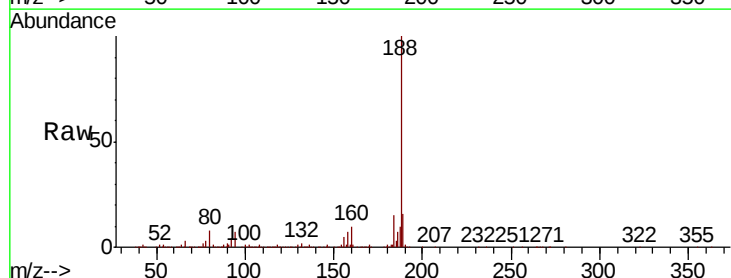


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

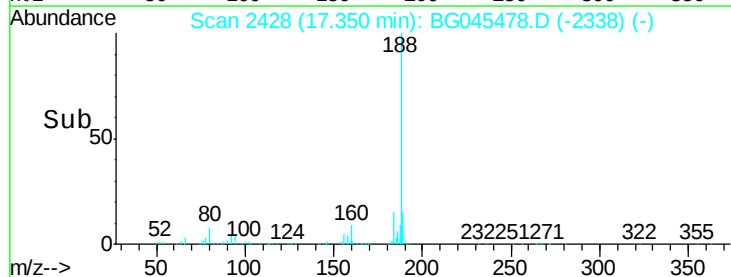
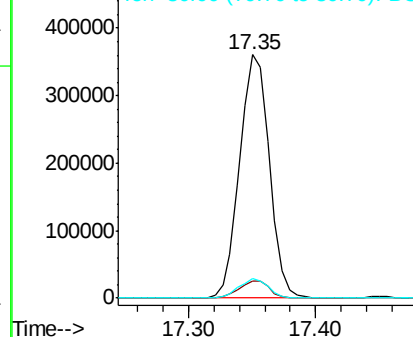


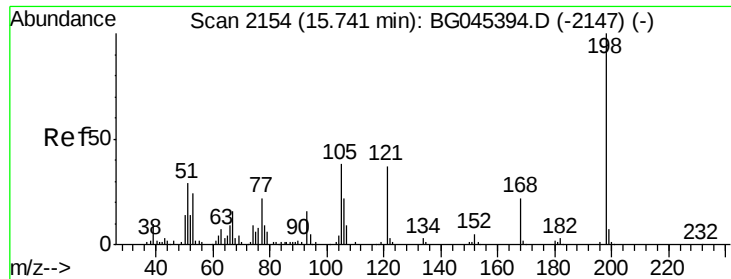
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	7.3	5.5	8.3	
80	8.2	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: 43.587 ng

RT: 15.73 min Scan# 2153

Delta R.T. -0.00 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

Instrument :

BNA_G

ClientSampleId :

370MS

Tot Ion:198 Resp: 148102

Ion Ratio Lower Upper

198 100

51 34.0 10.0 50.0

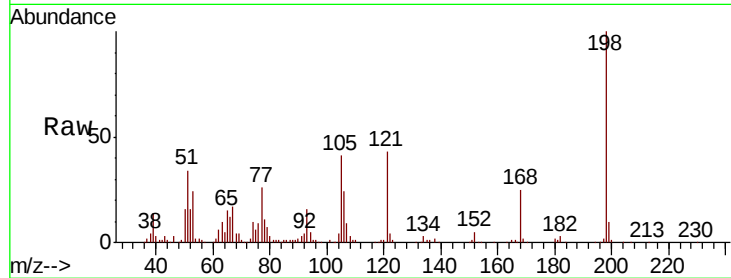
105 40.7 18.9 58.9

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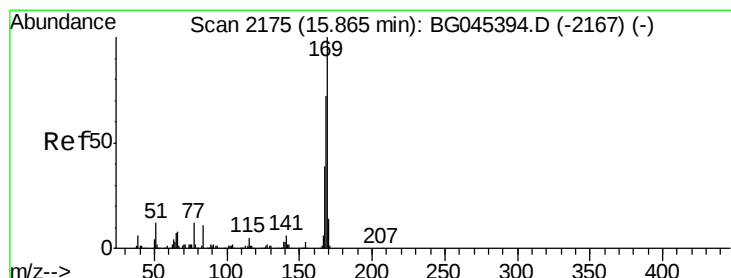
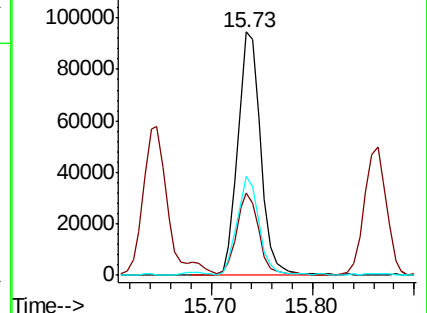
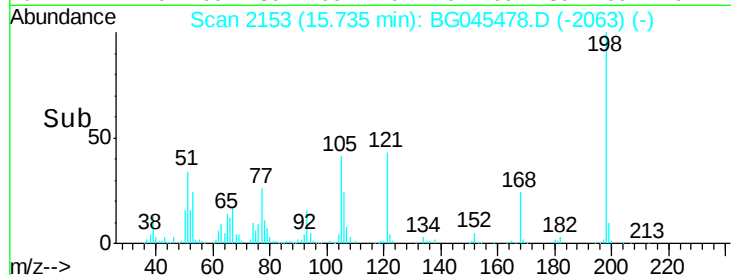
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.226 ng

RT: 15.86 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

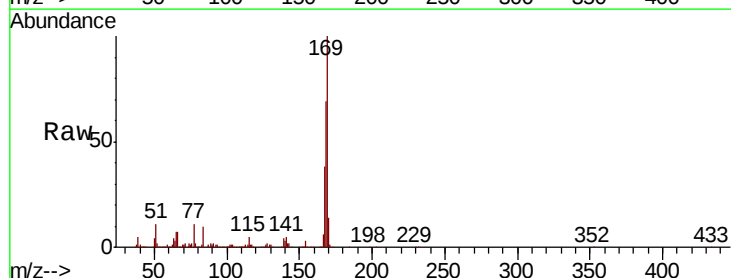
Tgt Ion:169 Resp: 661546

Ion Ratio Lower Upper

169 100

168 69.1 57.8 86.6

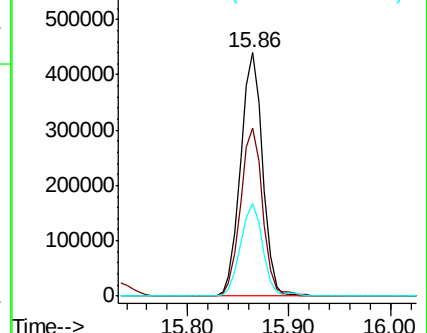
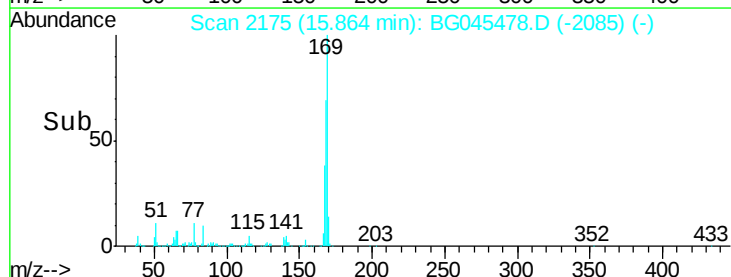
167 37.9 31.5 47.3

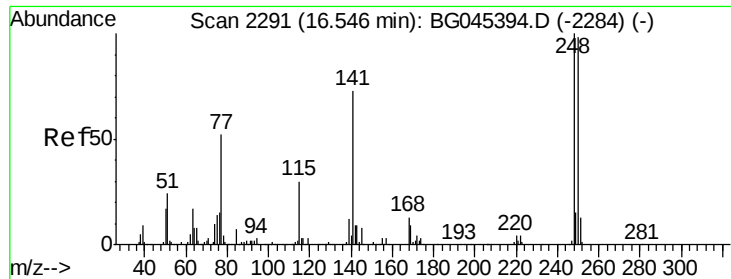


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





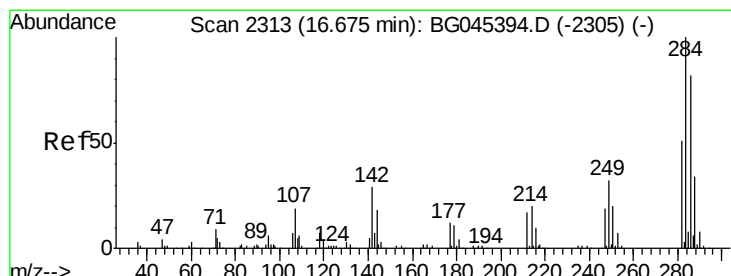
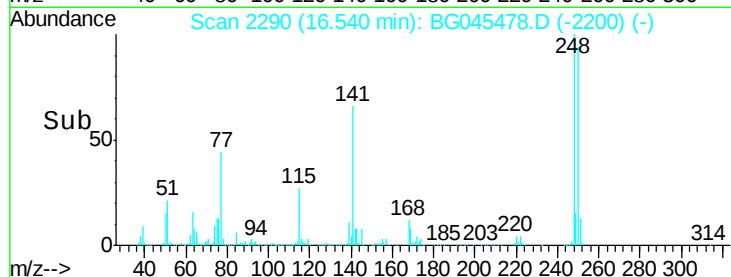
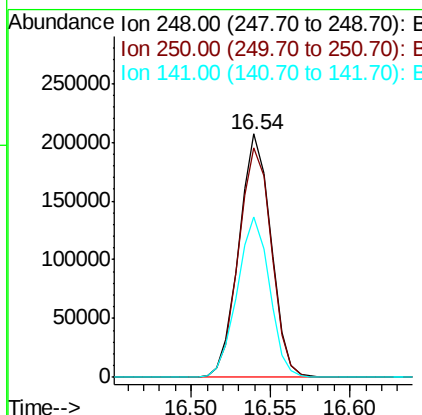
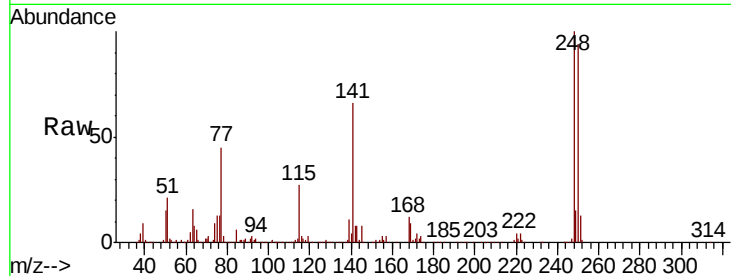
#67
4-Bromophenyl-phenylether
Concen: 46.119 ng
RT: 16.54 min Scan# 2290
Delta R.T. -0.00 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

Instrument :
BNA_G
ClientSampled :
370MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.1	78.6	117.8
141	66.1	58.2	87.2

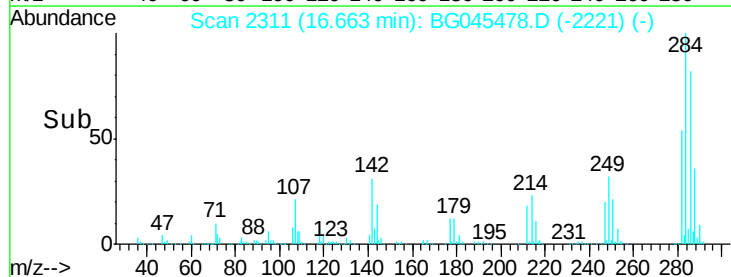
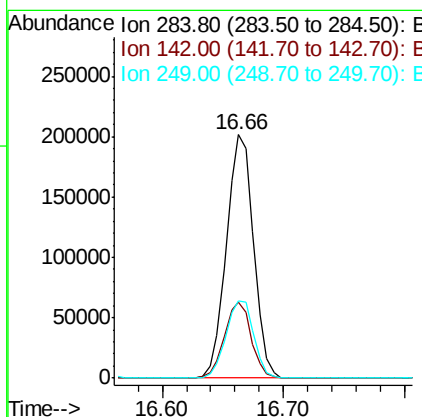
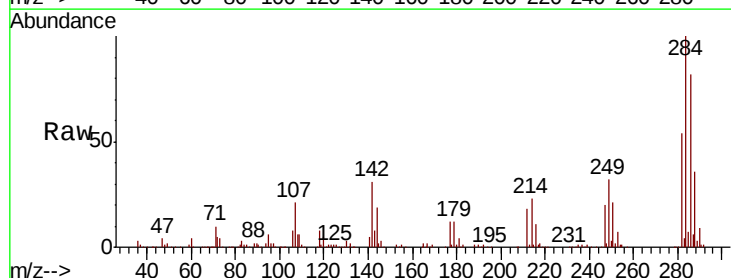
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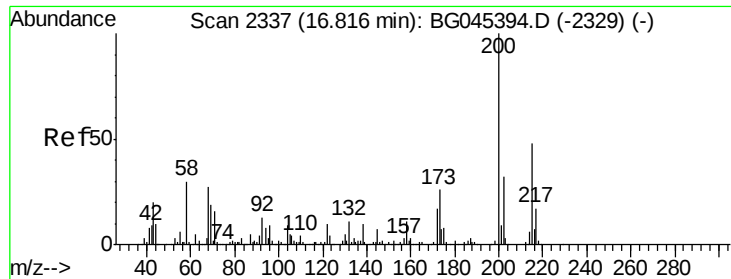
mohammad
5/29/2020 10:24:32 PM



#68
Hexachlorobenzene
Concen: 47.478 ng
RT: 16.66 min Scan# 2311
Delta R.T. -0.00 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.9	23.0	34.6
249	31.9	25.8	38.6





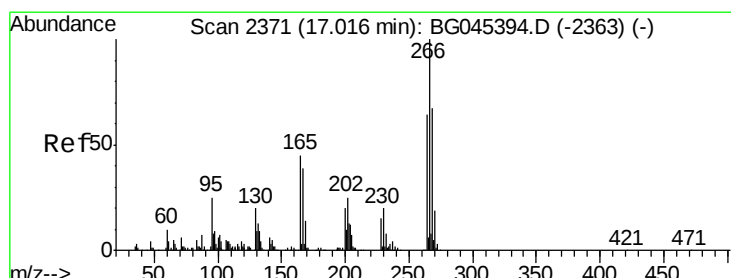
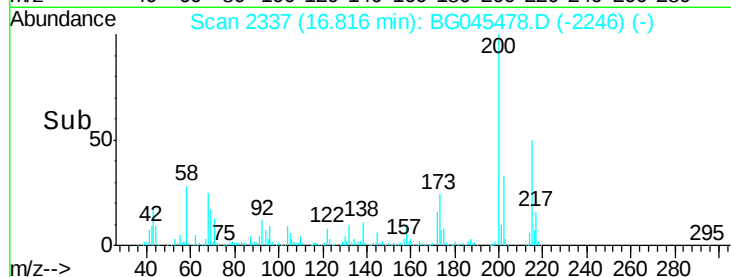
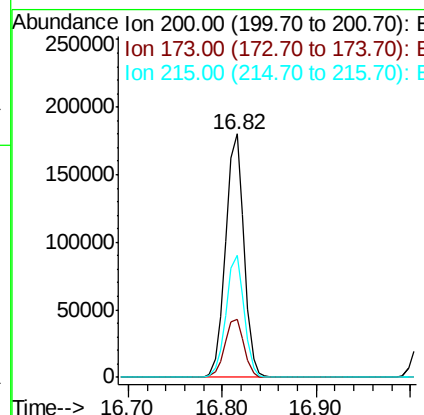
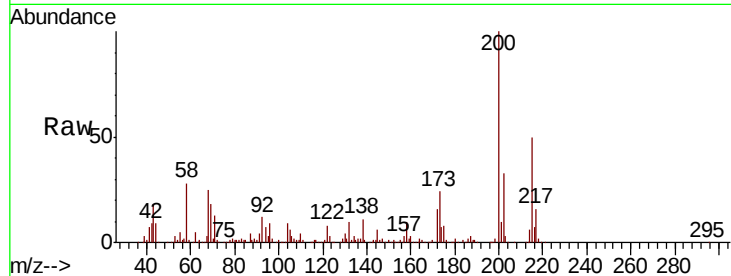
#69
 Atrazine
 Concen: 42.541 ng
 RT: 16.82 min Scan# 2337
 Delta R.T. 0.01 min
 Lab File: BG045478.D
 Acq: 27 May 2020 16:13

Instrument :
 BNA_G
 ClientSampled :
 370MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	245452		
173	23.6	5.5	45.5	
215	50.2	28.2	68.2	

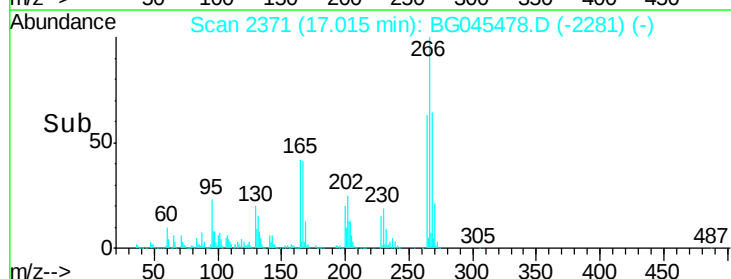
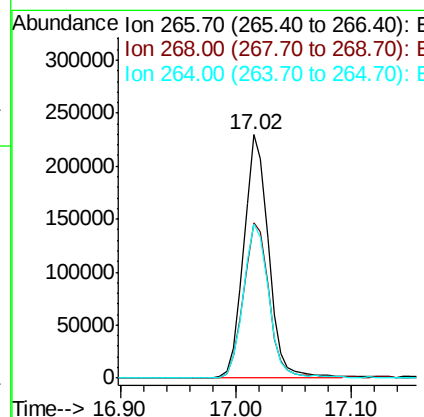
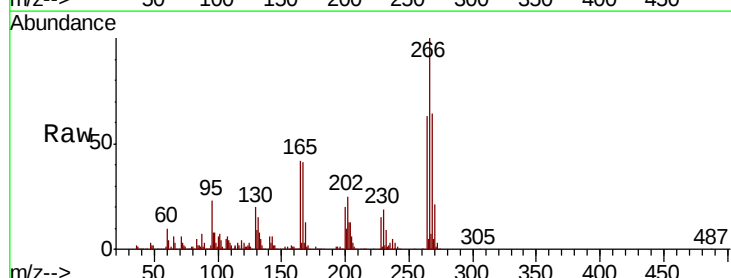
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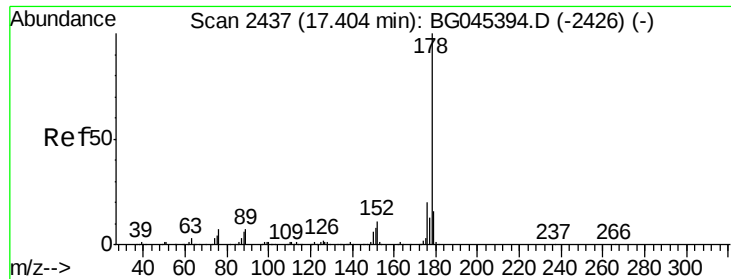
mohammad
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#70
 Pentachlorophenol
 Concen: 100.017 ng
 RT: 17.02 min Scan# 2371
 Delta R.T. -0.00 min
 Lab File: BG045478.D
 Acq: 27 May 2020 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	343153		
268	63.9	53.2	79.8	
264	63.1	51.0	76.4	





#71

Phenanthrene

Concen: 45.621 ng

RT: 17.40 min Scan# 2436

Delta R.T. 0.01 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

Instrument :

BNA_G

ClientSampleId :

370MS

Tot Ion:178 Resp: 1161946

Ion Ratio Lower Upper

178 100

176 21.7 16.2 24.4

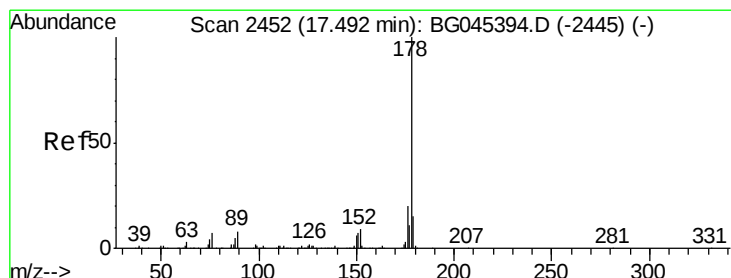
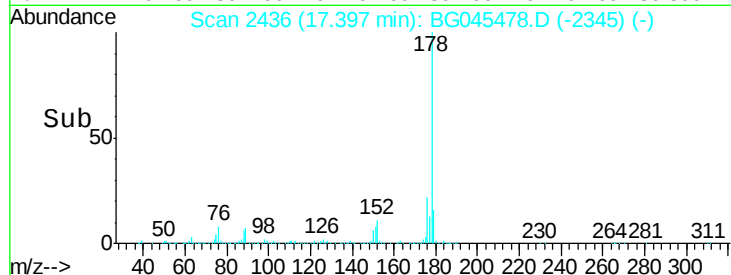
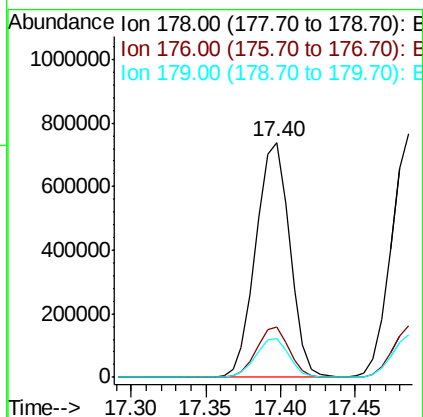
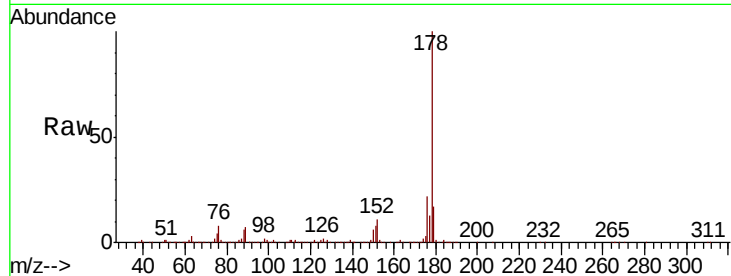
179 16.6 13.1 19.7

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#72

Anthracene

Concen: 46.768 ng

RT: 17.49 min Scan# 2451

Delta R.T. -0.00 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

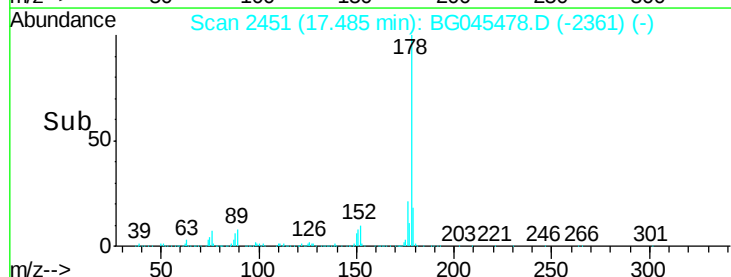
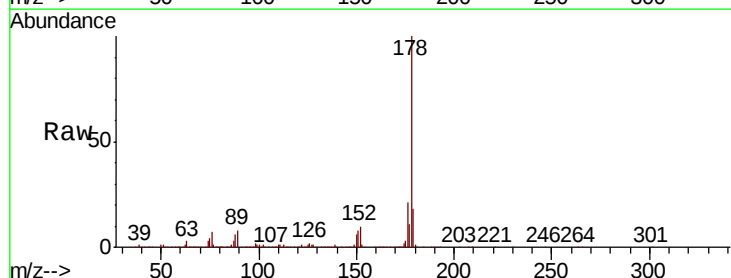
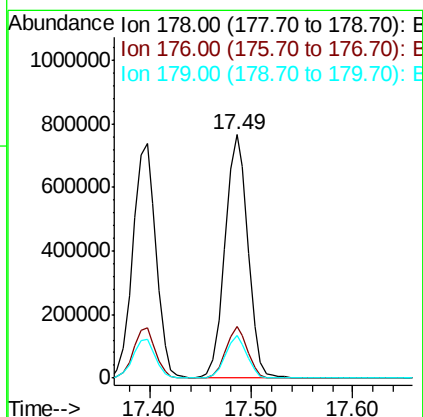
Tgt Ion:178 Resp: 1196214

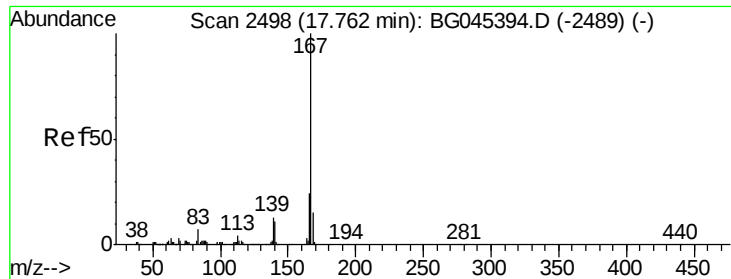
Ion Ratio Lower Upper

178 100

176 21.3 15.8 23.6

179 17.7 12.2 18.4





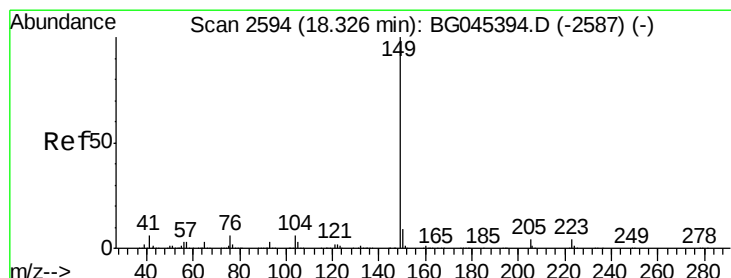
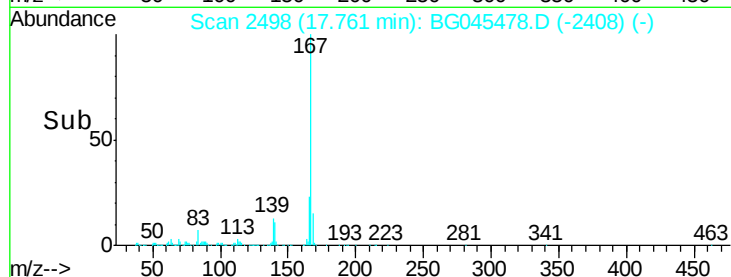
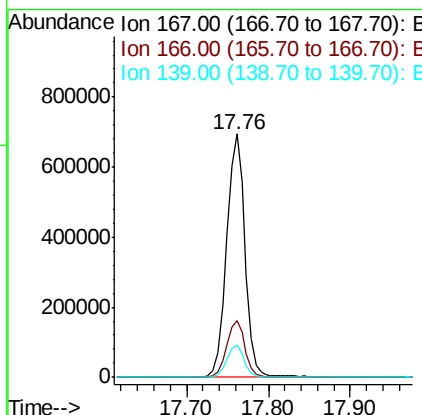
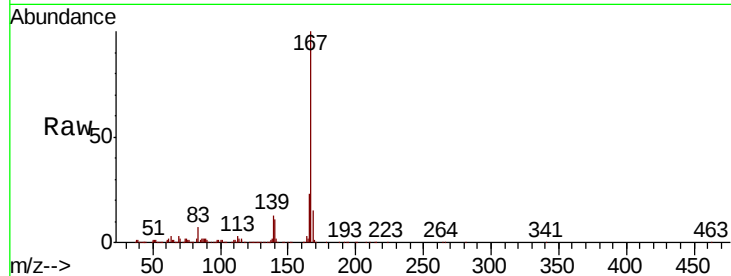
#73
 Carbazole
 Concen: 43.403 ng
 RT: 17.76 min Scan# 2498
 Delta R.T. -0.00 min
 Lab File: BG045478.D
 Acq: 27 May 2020 16:13

Instrument :
 BNA_G
 ClientSampleId :
 370MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.3	19.2	28.8
139	13.2	10.6	16.0

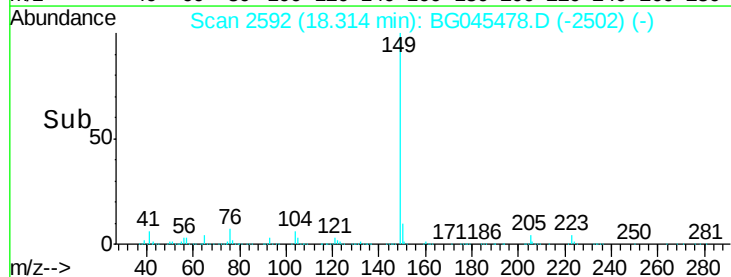
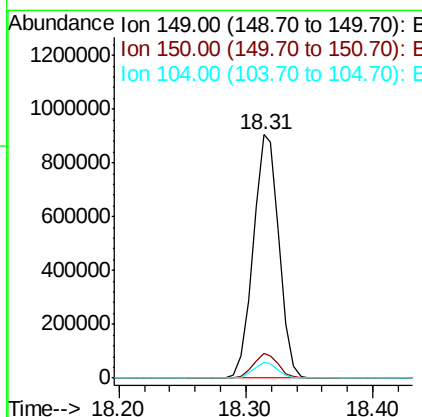
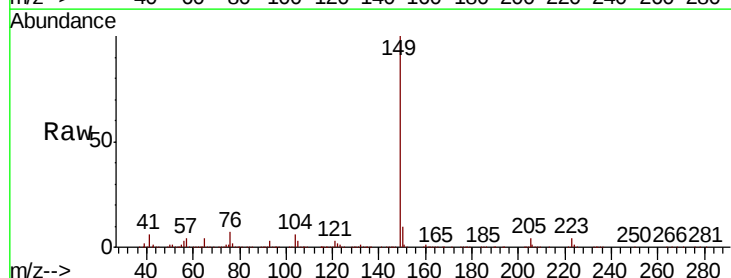
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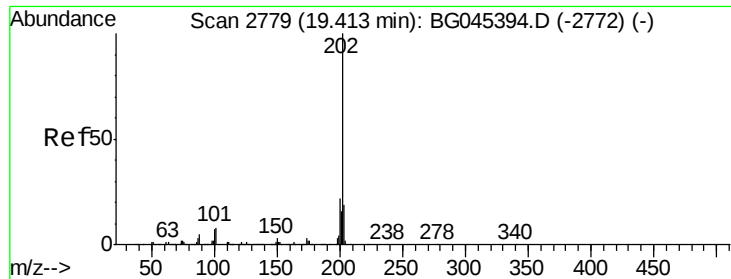
mohammad
 5/29/2020 10:24:32 PM



#74
 Di-n-butylphthalate
 Concen: 42.681 ng
 RT: 18.31 min Scan# 2592
 Delta R.T. -0.00 min
 Lab File: BG045478.D
 Acq: 27 May 2020 16:13

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.6	11.4
104	6.5	5.0	7.4





#75

Fluoranthene

Concen: 43.566 ng

RT: 19.41 min Scan# 2778

Delta R.T. 0.01 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

Instrument :

BNA_G

ClientSampleId :

370MS

Tot Ion:202 Resp: 1411356

Ion Ratio Lower Upper

202 100

101 8.6 0.0 28.3

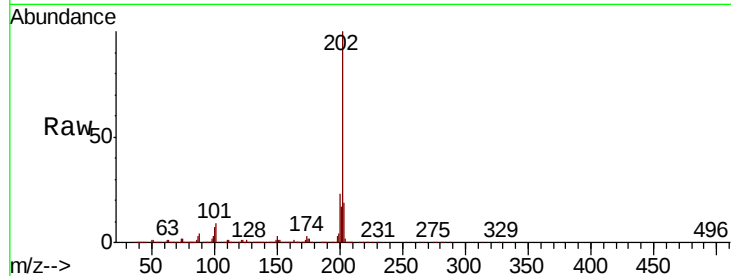
203 19.4 0.0 39.0

Manual Integrations

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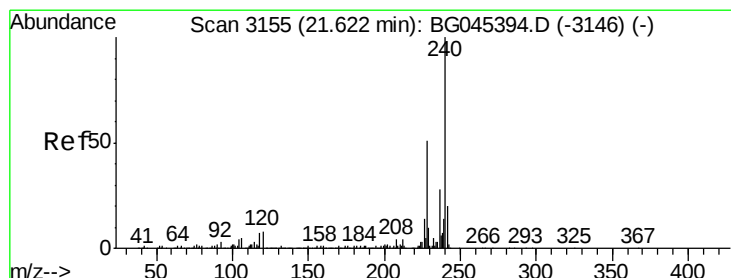
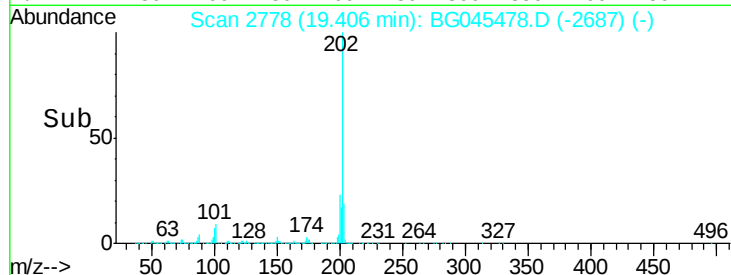
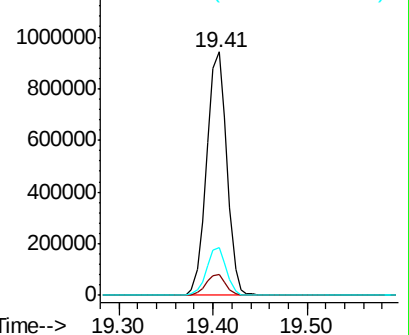
5/29/2020 10:24:32 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

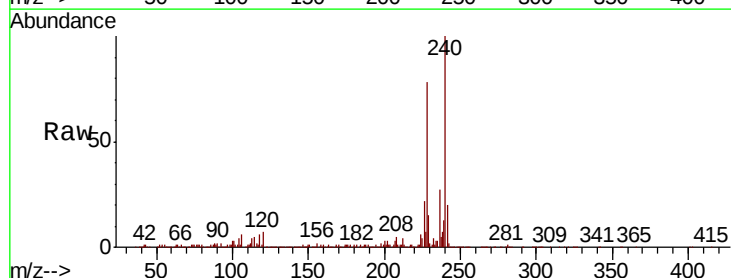
Tgt Ion:240 Resp: 512803

Ion Ratio Lower Upper

240 100

120 7.4 6.1 9.1

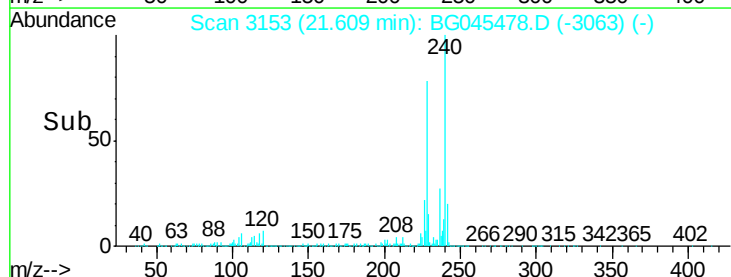
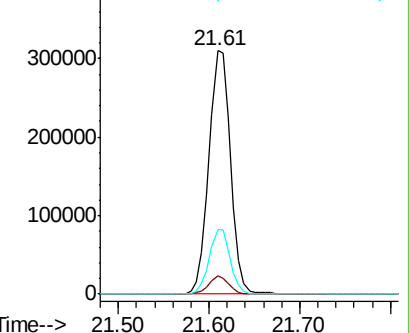
236 26.6 22.3 33.5

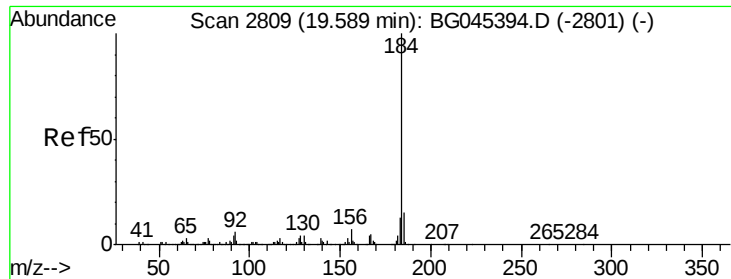


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.877 ng

RT: 19.58 min Scan# 2808

Delta R.T. -0.00 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

Instrument :

BNA_G

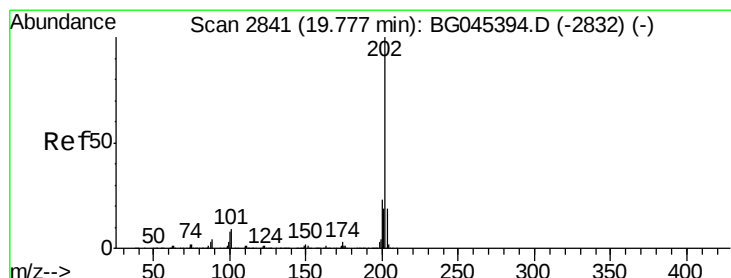
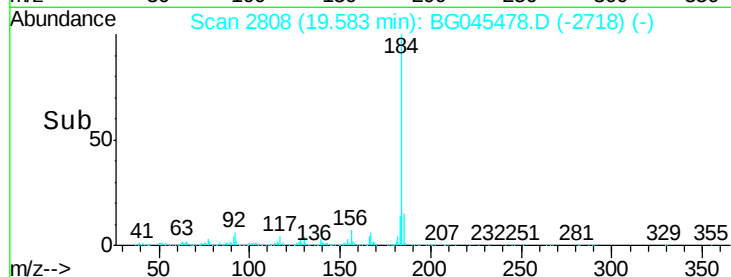
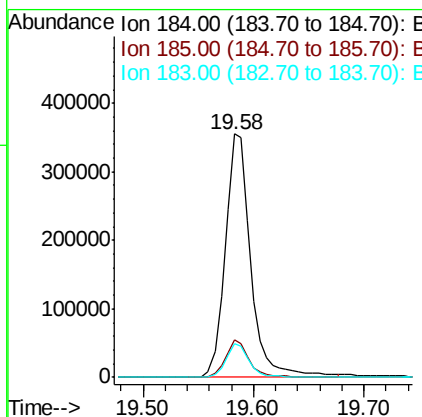
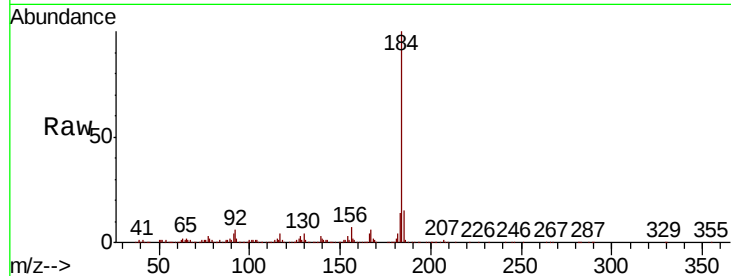
ClientSampleId :

370MS

Tot Ion:	184	Resp:	574325
Ion Ratio	Lower	Upper	
184	100		
185	15.2	11.7	17.5
183	13.8	10.2	15.4

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#78

Pyrene

Concen: 47.487 ng

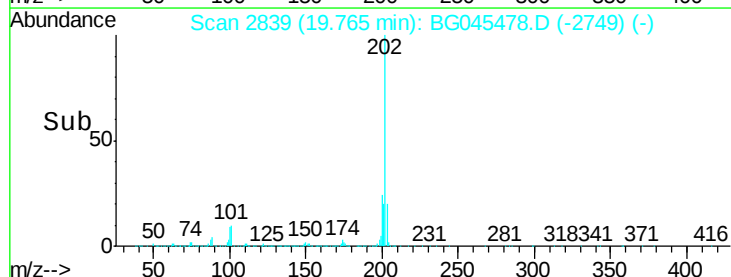
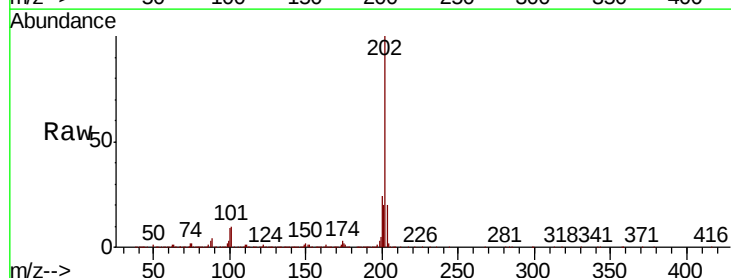
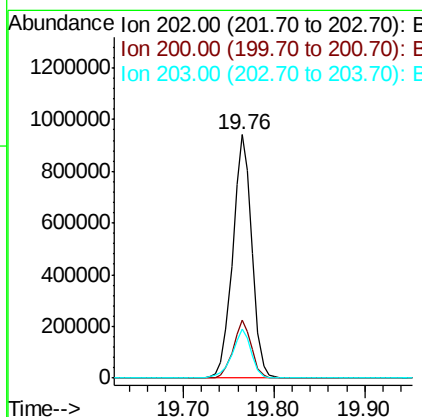
RT: 19.76 min Scan# 2839

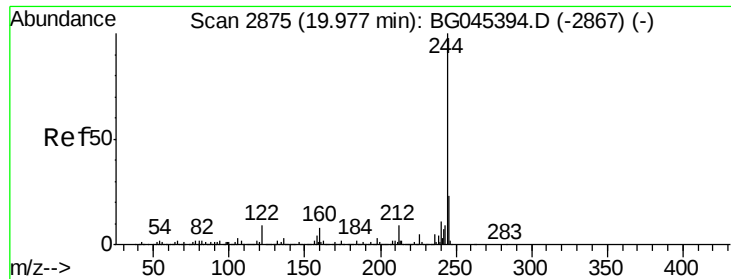
Delta R.T. -0.00 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

Tgt Ion:	202	Resp:	1388130
Ion Ratio	Lower	Upper	
202	100		
200	23.9	18.2	27.2
203	19.9	15.1	22.7





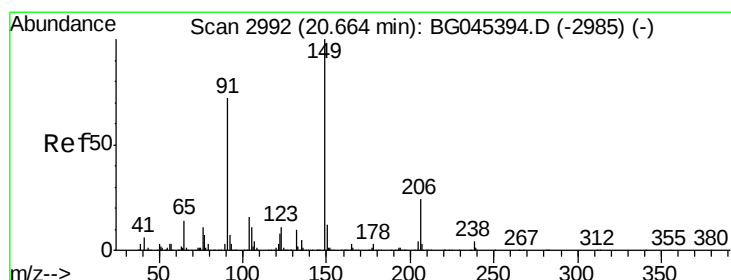
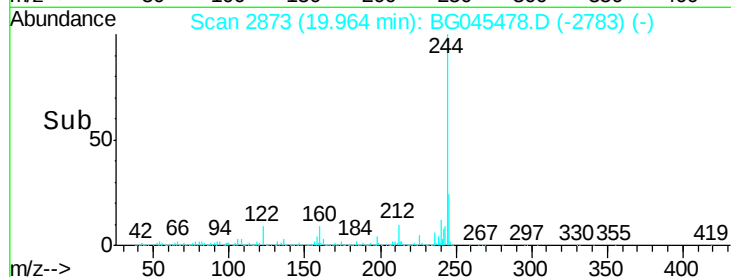
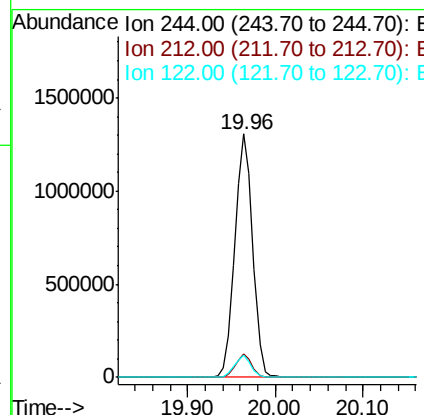
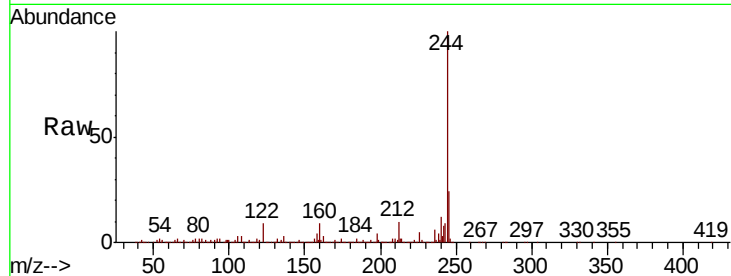
#79
 Terphenyl-d14
 Concen: 82.624 ng
 RT: 19.96 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: BG045478.D
 Acq: 27 May 2020 16:13

Instrument :
 BNA_G
 ClientSampleId :
 370MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.4	11.0
122	9.1	6.8	10.2

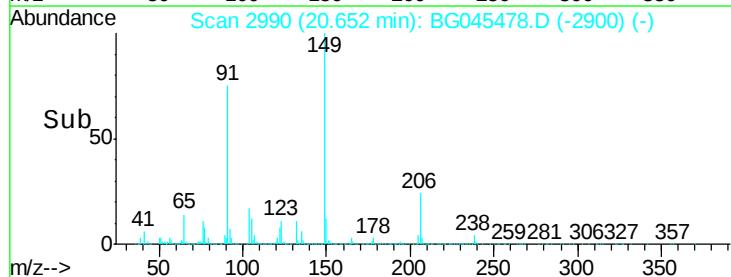
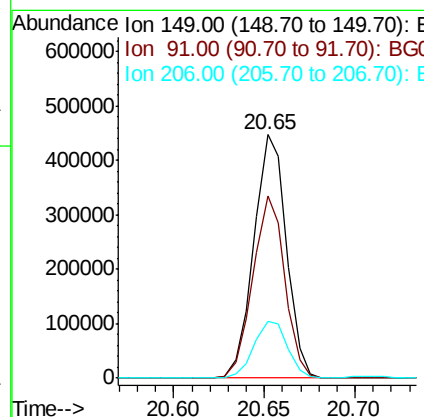
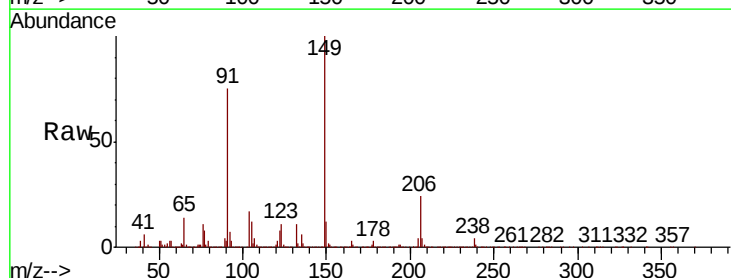
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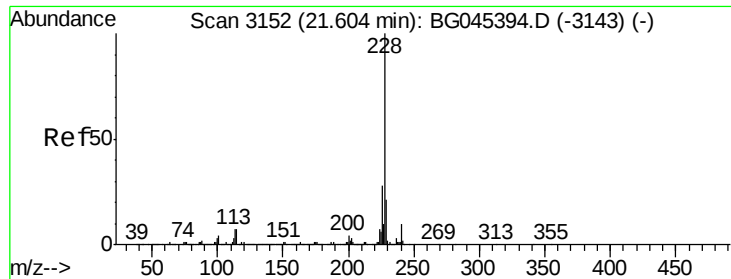
mohammad
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#80
 Butylbenzylphthalate
 Concen: 44.155 ng
 RT: 20.65 min Scan# 2990
 Delta R.T. -0.00 min
 Lab File: BG045478.D
 Acq: 27 May 2020 16:13

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.8	57.8	86.6
206	23.5	19.1	28.7





#81

Benzo(a)anthracene

Concen: 46.991 ng

RT: 21.59 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

Instrument :

BNA_G

ClientSampleId :

370MS

Tot Ion:228 Resp: 1342384

Ion Ratio Lower Upper

228 100

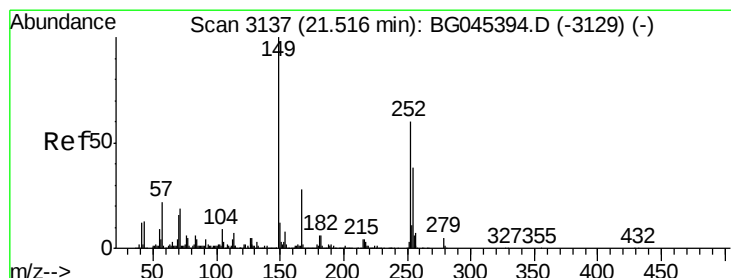
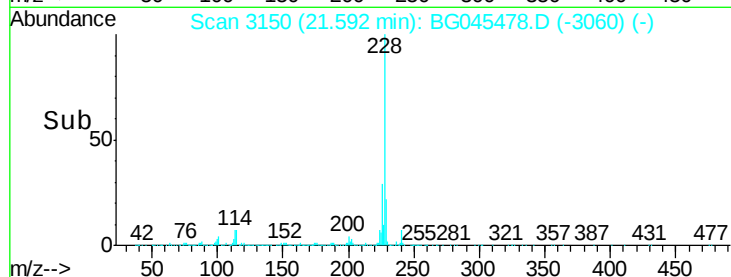
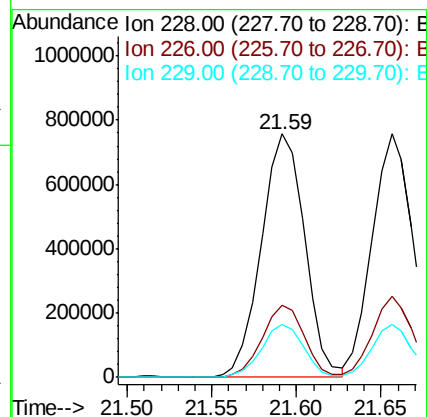
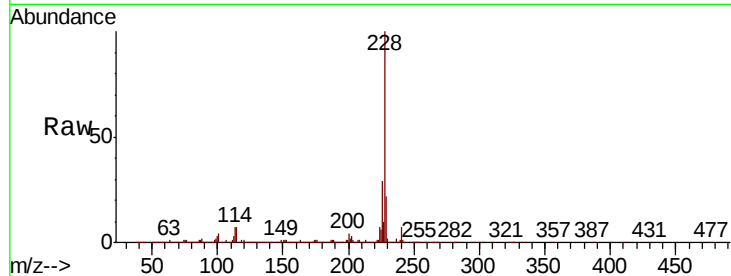
226 29.4 22.7 34.1

229 21.8 16.7 25.1

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#82

3,3'-Dichlorobenzidine

Concen: 31.087 ng

RT: 21.51 min Scan# 3136

Delta R.T. -0.00 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

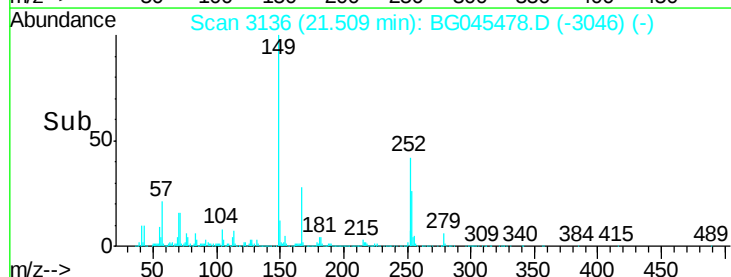
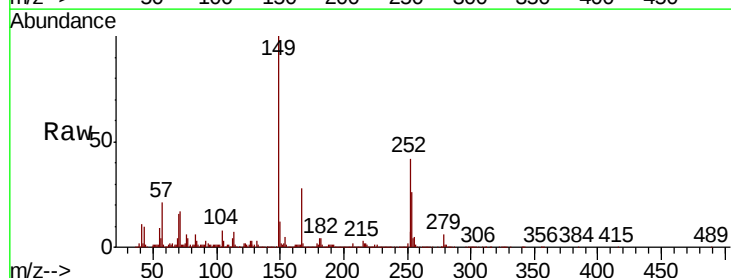
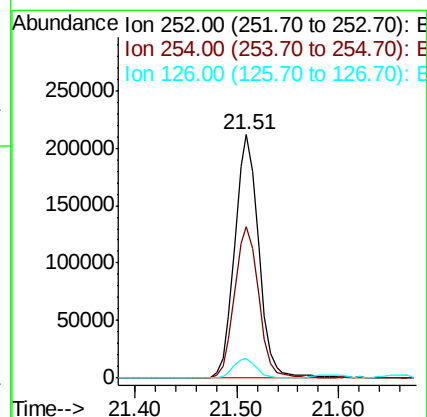
Tgt Ion:252 Resp: 348349

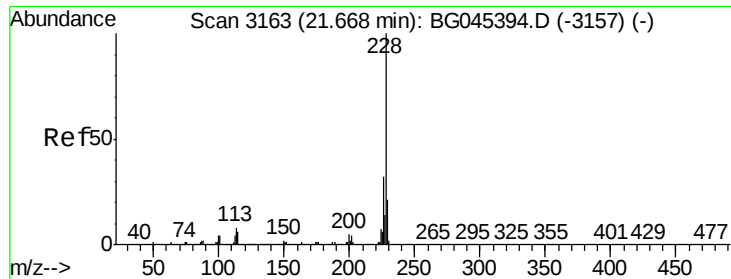
Ion Ratio Lower Upper

252 100

254 62.1 51.3 76.9

126 8.1 6.6 10.0





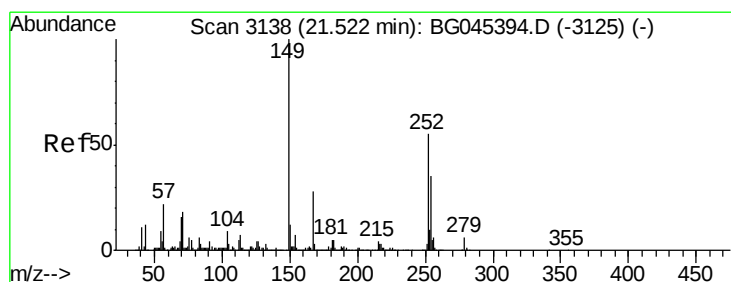
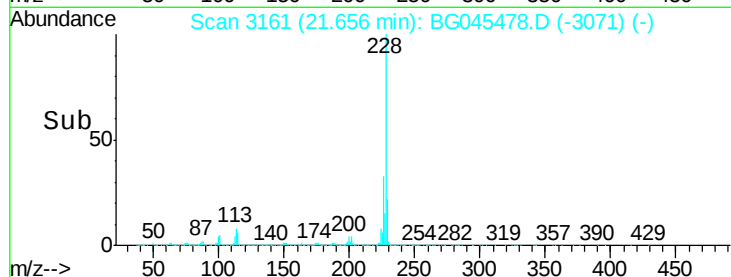
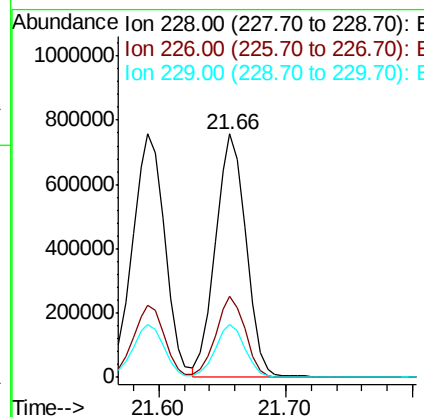
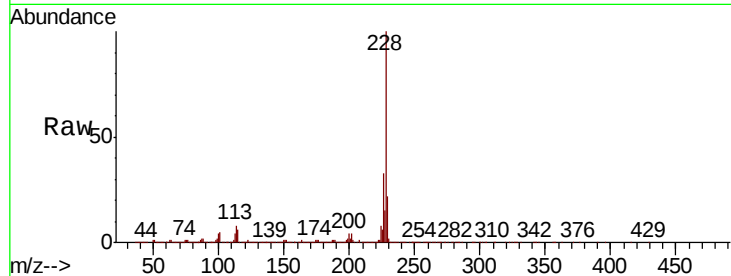
#83
 Chrvsene
 Concen: 46.070 ng
 RT: 21.66 min Scan# 3161
 Delta R.T. -0.00 min
 Lab File: BG045478.D
 Acq: 27 May 2020 16:13

Instrument :
 BNA_G
 ClientSampleId :
 370MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.1	25.2	37.8
229	21.8	16.7	25.1

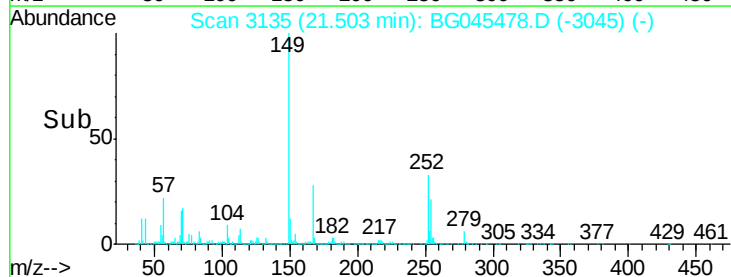
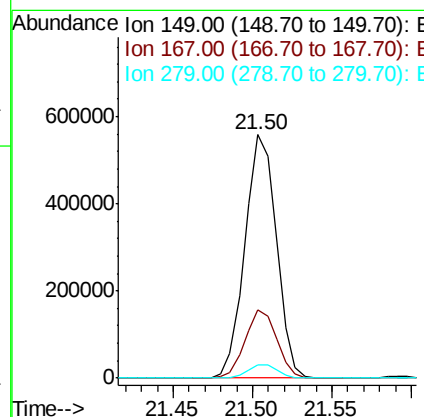
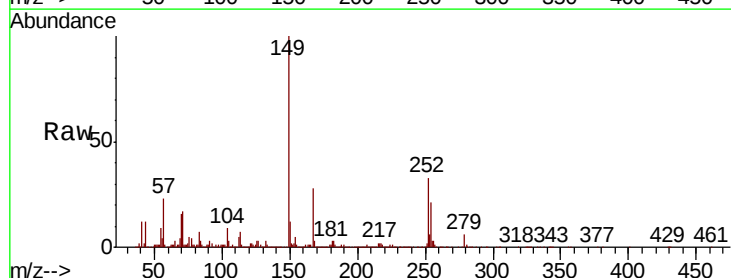
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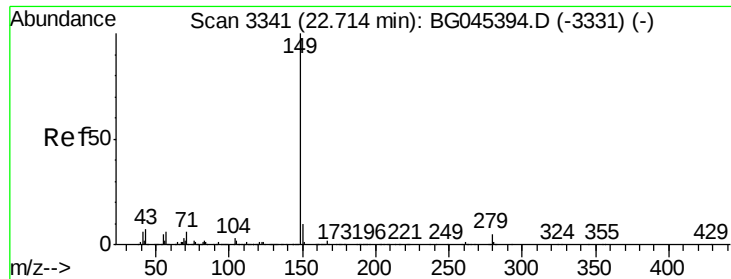
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.459 ng
 RT: 21.50 min Scan# 3135
 Delta R.T. -0.00 min
 Lab File: BG045478.D
 Acq: 27 May 2020 16:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.2	33.2
279	5.6	4.7	7.1





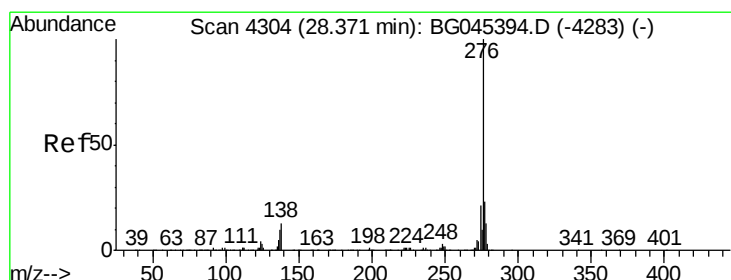
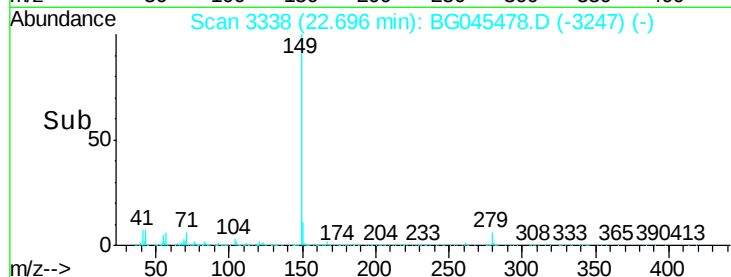
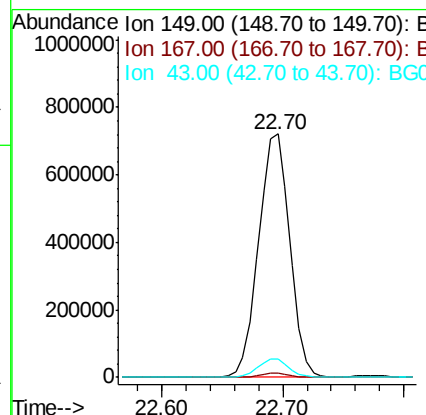
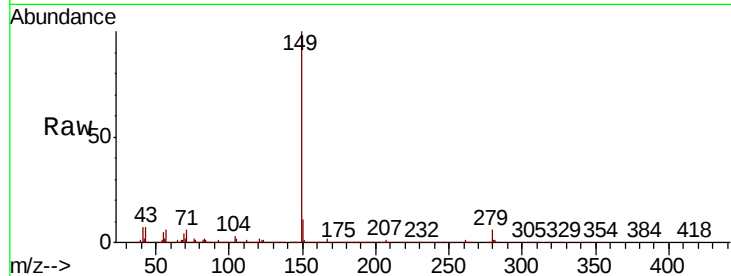
#85
Di-n-octyl phthalate
Concen: 43.547 ng
RT: 22.70 min Scan# 3338
Delta R.T. 0.01 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

Instrument :
BNA_G
ClientSampled :
370MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	7.2	5.8	8.8

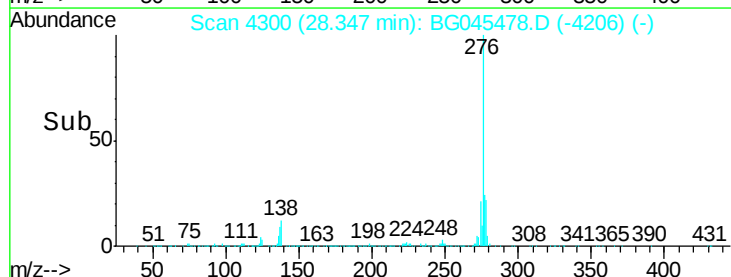
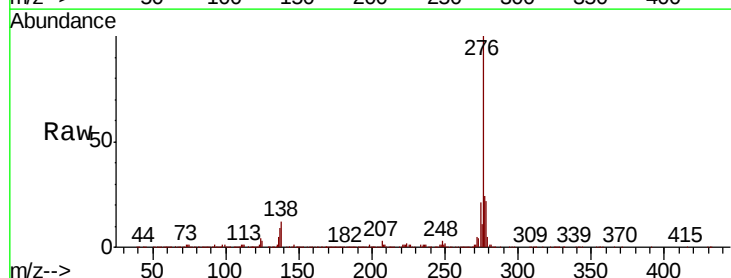
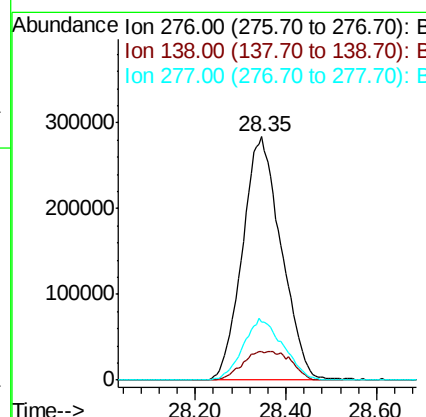
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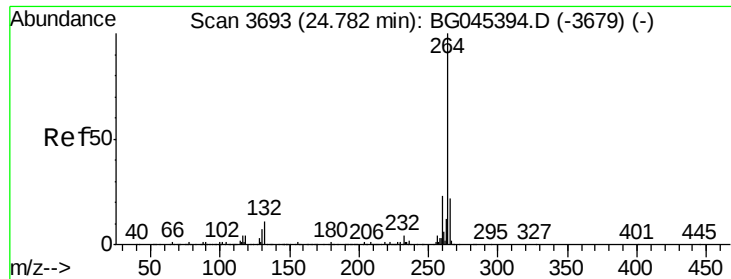
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 46.977 ng
RT: 28.35 min Scan# 4300
Delta R.T. 0.02 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	7.0	8.6	12.8#
277	25.9	20.2	30.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.76 min Scan# 3689

Delta R.T. -0.00 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

Instrument :

BNA_G

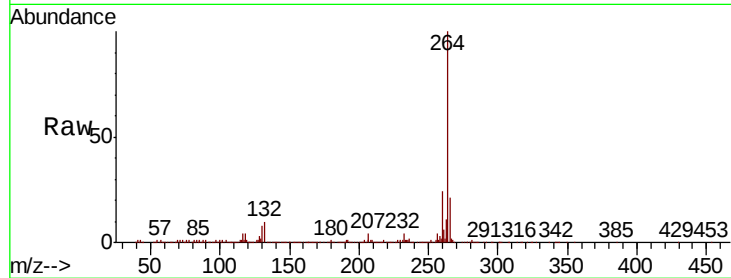
ClientSampled :

370MS

Tot Ion:	264	Resp:	563383
Ion Ratio	Lower	Upper	
264	100		
260	24.0	18.2	27.4
265	21.3	17.6	26.4

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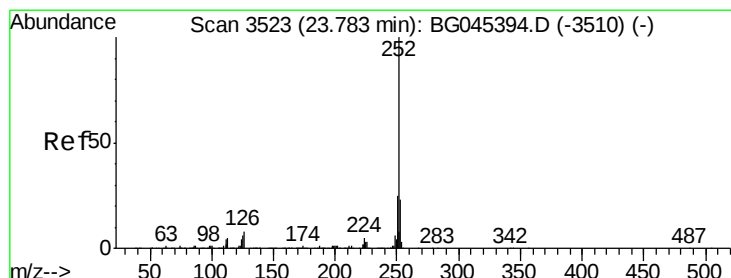
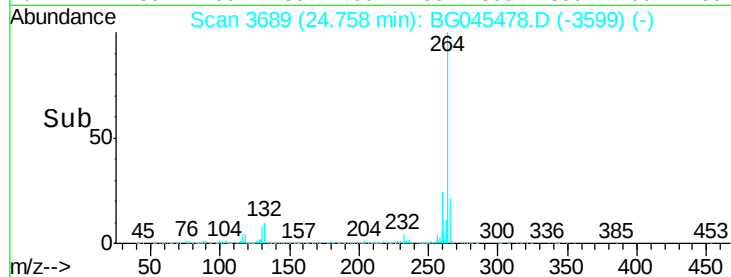
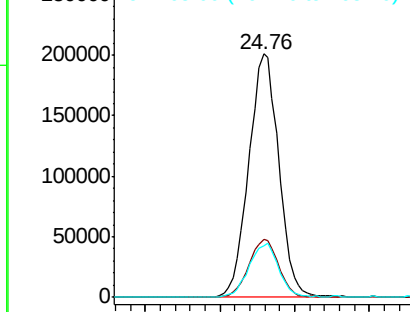


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 47.245 ng

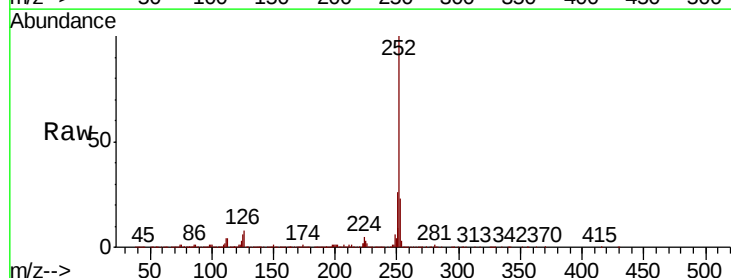
RT: 23.77 min Scan# 3520

Delta R.T. 0.01 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

Tgt Ion:	252	Resp:	1427488
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.1	27.1
125	6.2	5.0	7.6

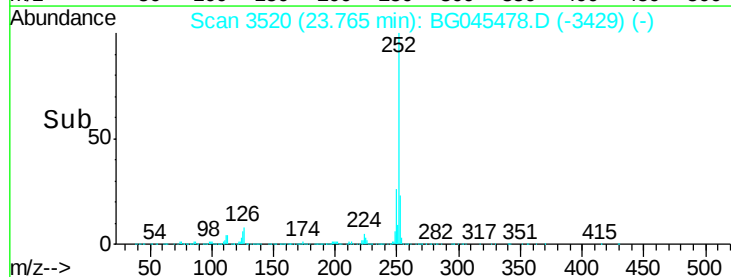
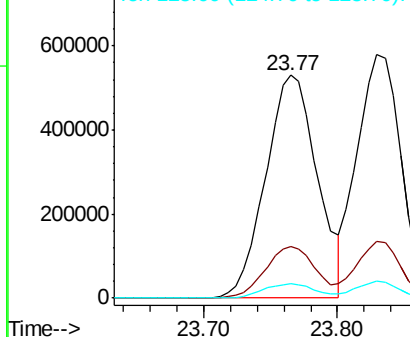


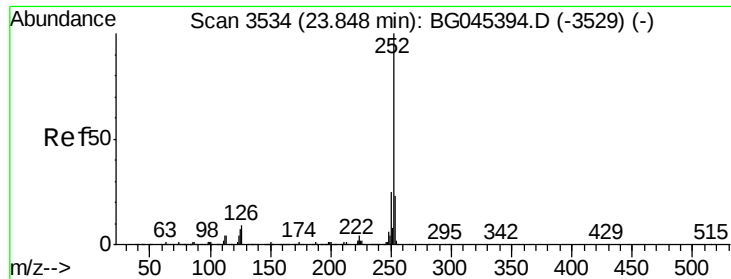
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





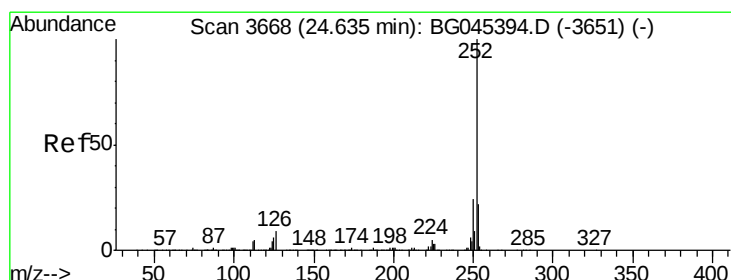
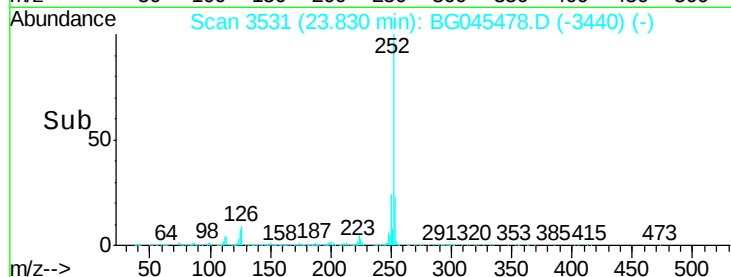
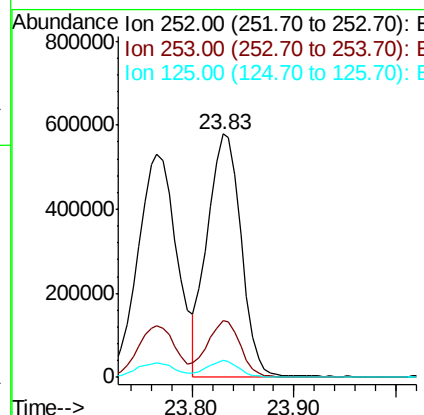
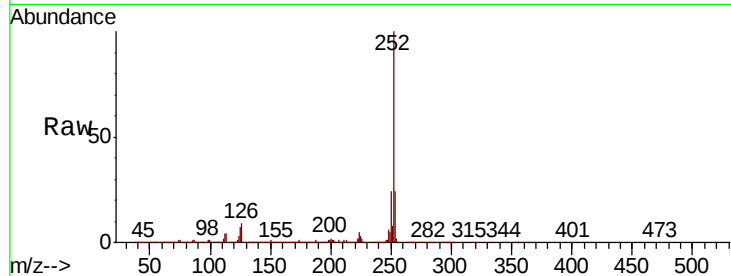
#89
Benzo(k)fluoranthene
Concen: 46.899 ng
RT: 23.83 min Scan# 3531
Delta R.T. 0.01 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

Instrument :
BNA_G
ClientSampleId :
370MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.4	27.6
125	6.8	5.7	8.5

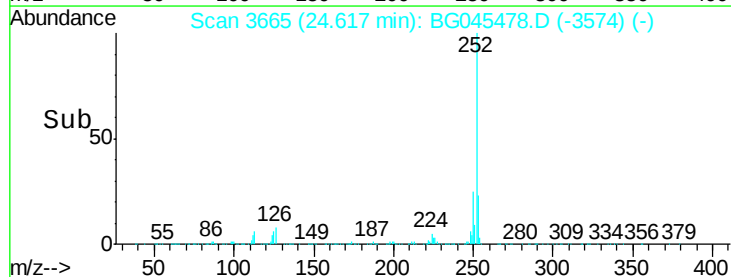
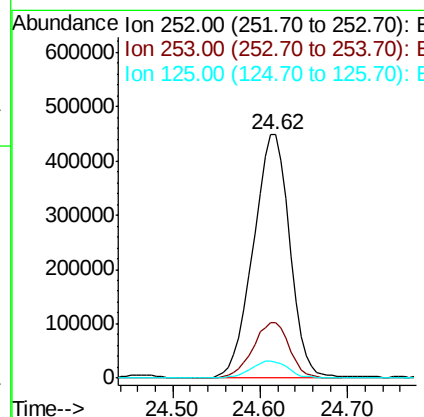
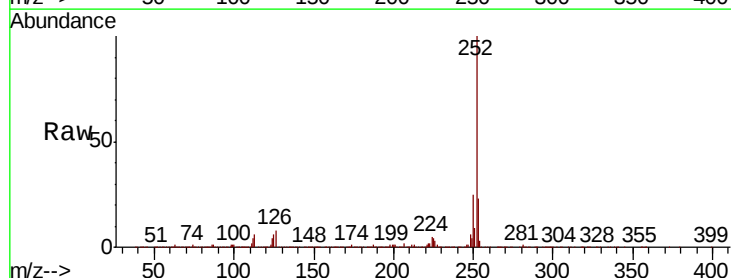
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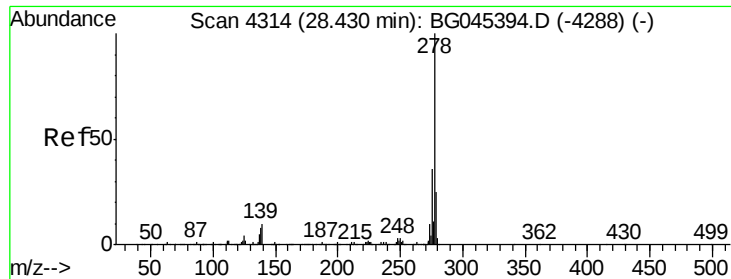
mohammad
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#90
Benzo(a)pyrene
Concen: 45.591 ng
RT: 24.62 min Scan# 3665
Delta R.T. 0.01 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	6.5	5.0	7.6





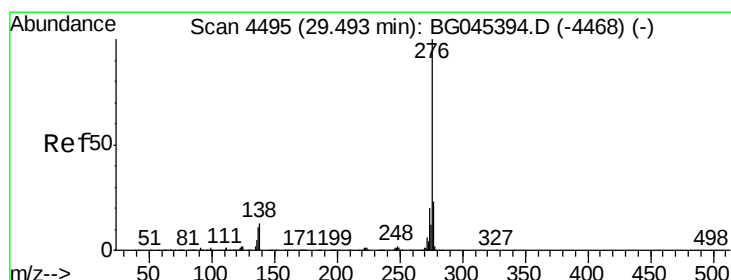
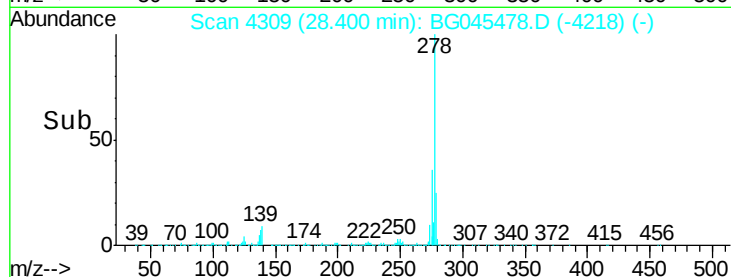
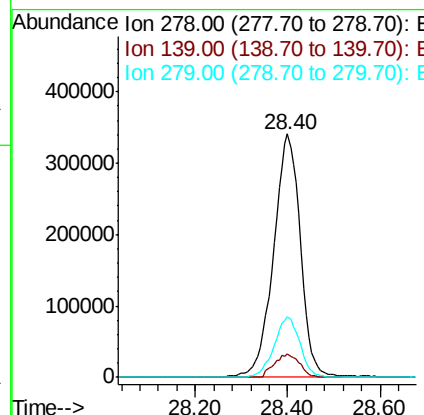
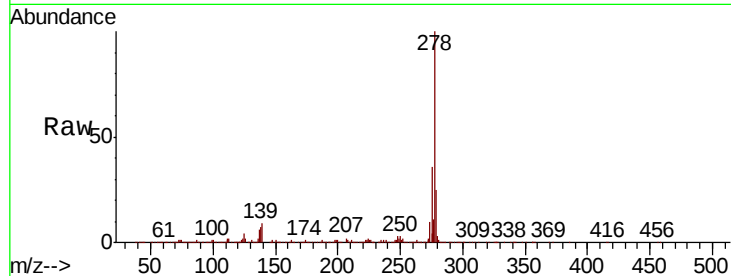
#91
Dibenzo(a,h)anthracene
Concen: 48.442 ng
RT: 28.40 min Scan# 4309
Delta R.T. 0.01 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

Instrument :
BNA_G
ClientSampleId :
370MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.4	7.8	11.8
279	24.7	19.8	29.8

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 49.583 ng
RT: 29.46 min Scan# 4489
Delta R.T. 0.01 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.1	27.1
138	12.3	10.2	15.4

