

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052720\
 Data File : BG045475.D
 Acq On : 27 May 2020 14:13
 Operator : CG/JU
 Sample : PB129112BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129112BS

Manual Integrations
 APPROVED

mohammad
 5/29/2020 10:24:30 PM

Quant Time: May 27 14:53:13 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	69567	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	278433	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	206714	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	504703	20.00	ng	0.00
76) Chrysene-d12	21.61	240	472870	20.00	ng	0.00
87) Perylene-d12	24.76	264	531039	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	516706	145.15	ng	0.00
7) Phenol-d6	7.18	99	722610	142.62	ng	0.00
23) Nitrobenzene-d5	9.12	82	465082	91.09	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	374359	141.61	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1090631	89.49	ng	0.00
79) Terphenyl-d14	19.96	244	1928727	95.13	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.40	88	64513	36.547	ng	98
3) Pyridine	3.80	79	151759	30.869	ng	94
4) n-Nitrosodimethylamine	3.72	42	68015	42.279	ng	96
6) Aniline	7.28	93	227575	34.409	ng	99
8) 2-Chlorophenol	7.54	128	194456	49.814	ng	95
9) Benzaldehyde	7.09	77	126119	38.207	ng	97
10) Phenol	7.20	94	252222	48.302	ng	98
11) bis(2-Chloroethyl)ether	7.38	93	172411	42.331	ng	98
12) 1,3-Dichlorobenzene	7.85	146	205123	43.726	ng	97
13) 1,4-Dichlorobenzene	7.99	146	210396	45.447	ng	98
14) 1,2-Dichlorobenzene	8.31	146	193401	43.435	ng	98
15) Benzyl Alcohol	8.20	79	193121	46.141	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.49	45	164860	42.642	ng	98
17) 2-Methylphenol	8.44	107	174039	44.529	ng	97
18) Hexachloroethane	9.04	117	80171	45.216	ng	93
19) n-Nitroso-di-n-propylamine	8.76	70	162644	46.423	ng	98
20) 3+4-Methylphenols	8.77	107	238085	44.734	ng	# 71
22) Acetophenone	8.78	105	299693	45.414	ng	# 94
24) Nitrobenzene	9.16	77	240669	43.994	ng	98
25) Isophorone	9.68	82	451800	44.931	ng	98
26) 2-Nitrophenol	9.88	139	108468	46.351	ng	96
27) 2,4-Dimethylphenol	9.97	122	187794	54.106	ng	99
28) bis(2-Chloroethoxy)methane	10.17	93	249561	47.324	ng	96
29) 2,4-Dichlorophenol	10.44	162	203707	49.701	ng	97
30) 1,2,4-Trichlorobenzene	10.63	180	219800	45.384	ng	93
31) Naphthalene	10.82	128	589444	45.430	ng	99
32) Benzoic acid	10.14	122	121026	50.587	ng	95
33) 4-Chloroaniline	10.93	127	107155	19.758	ng	95
34) Hexachlorobutadiene	11.11	225	152600	44.575	ng	99
35) Caprolactam	11.69	113	73959m	49.161	ng	
36) 4-Chloro-3-methylphenol	12.09	107	231703	50.169	ng	97
37) 2-Methylnaphthalene	12.43	142	452831	46.825	ng	97
38) 1-Methylnaphthalene	12.64	142	433616	47.467	ng	# 95
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	260677	45.148	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	355215	106.589	ng	96
43) 2,4,6-Trichlorophenol	13.05	196	184310	45.953	ng	99
44) 2,4,5-Trichlorophenol	13.14	196	199850	43.603	ng	96
46) 1,1'-Biphenyl	13.43	154	593116	46.696	ng	100
47) 2-Chloronaphthalene	13.48	162	452887	43.909	ng	99
48) 2-Nitroaniline	13.68	65	147920	43.598	ng	89
49) Acenaphthylene	14.32	152	770410	46.502	ng	99
50) Dimethylphthalate	14.06	163	645150	45.496	ng	100
51) 2,6-Dinitrotoluene	14.18	165	147025	45.948	ng	94
52) Acenaphthene	14.67	154	564235m	50.879	ng	
53) 3-Nitroaniline	14.51	138	77102	23.704	ng	98
54) 2,4-Dinitrophenol	14.72	184	172997	82.360	ng	94
55) Dibenzofuran	15.00	168	740255	44.950	ng	96
56) 4-Nitrophenol	14.88	139	229208	93.074	ng	93
57) 2,4-Dinitrotoluene	14.97	165	210530	45.430	ng	97
58) Fluorene	15.65	166	619311	45.774	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.24	232	189243	46.931	ng	99
60) Diethylphthalate	15.42	149	659864	44.708	ng	98
61) 4-Chlorophenyl-phenylether	15.64	204	343243	44.334	ng	100
62) 4-Nitroaniline	15.68	138	142621	42.000	ng	99
63) Azobenzene	15.93	77	619264	44.997	ng	99
65) 4,6-Dinitro-2-methylphenol	15.73	198	135593	46.130	ng	96
66) n-Nitrosodiphenylamine	15.86	169	556908	45.957	ng	98
67) 4-Bromophenyl-phenylether	16.54	248	239314	43.789	ng	97
68) Hexachlorobenzene	16.66	284	267726	46.838	ng	99
69) Atrazine	16.81	200	219859	44.049	ng	99
70) Pentachlorophenol	17.02	266	286519	96.536	ng	97
71) Phenanthrene	17.39	178	1024513	46.499	ng	99
72) Anthracene	17.49	178	1047608	47.347	ng	98
73) Carbazole	17.76	167	964566	44.722	ng	99
74) Di-n-butylphthalate	18.31	149	1165632	45.028	ng	99
75) Fluoranthene	19.40	202	1290428	46.046	ng	98
77) Benzidine	19.58	184	506722	38.155	ng	99
78) Pyrene	19.76	202	1272442	47.205	ng	97
80) Butylbenzylphthalate	20.65	149	523744	45.015	ng	97
81) Benzo(a)anthracene	21.59	228	1229195	46.663	ng	98
82) 3,3'-Dichlorobenzidine	21.51	252	266399	25.781	ng	99
83) Chrysene	21.66	228	1167271	46.085	ng	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	725362	45.353	ng	98
85) Di-n-octyl phthalate	22.70	149	1235343	44.972	ng	99
86) Indeno(1,2,3-cd)pyrene	28.34	276	1558885	47.065	ng	# 95
88) Benzo(b)fluoranthene	23.77	252	1314936	46.170	ng	100
89) Benzo(k)fluoranthene	23.83	252	1292655	48.311	ng	99
90) Benzo(a)pyrene	24.61	252	1223692	46.135	ng	97
91) Dibenzo(a,h)anthracene	28.40	278	1275758	47.863	ng	100
92) Benzo(g,h,i)perylene	29.45	276	1304169	48.923	ng	97

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

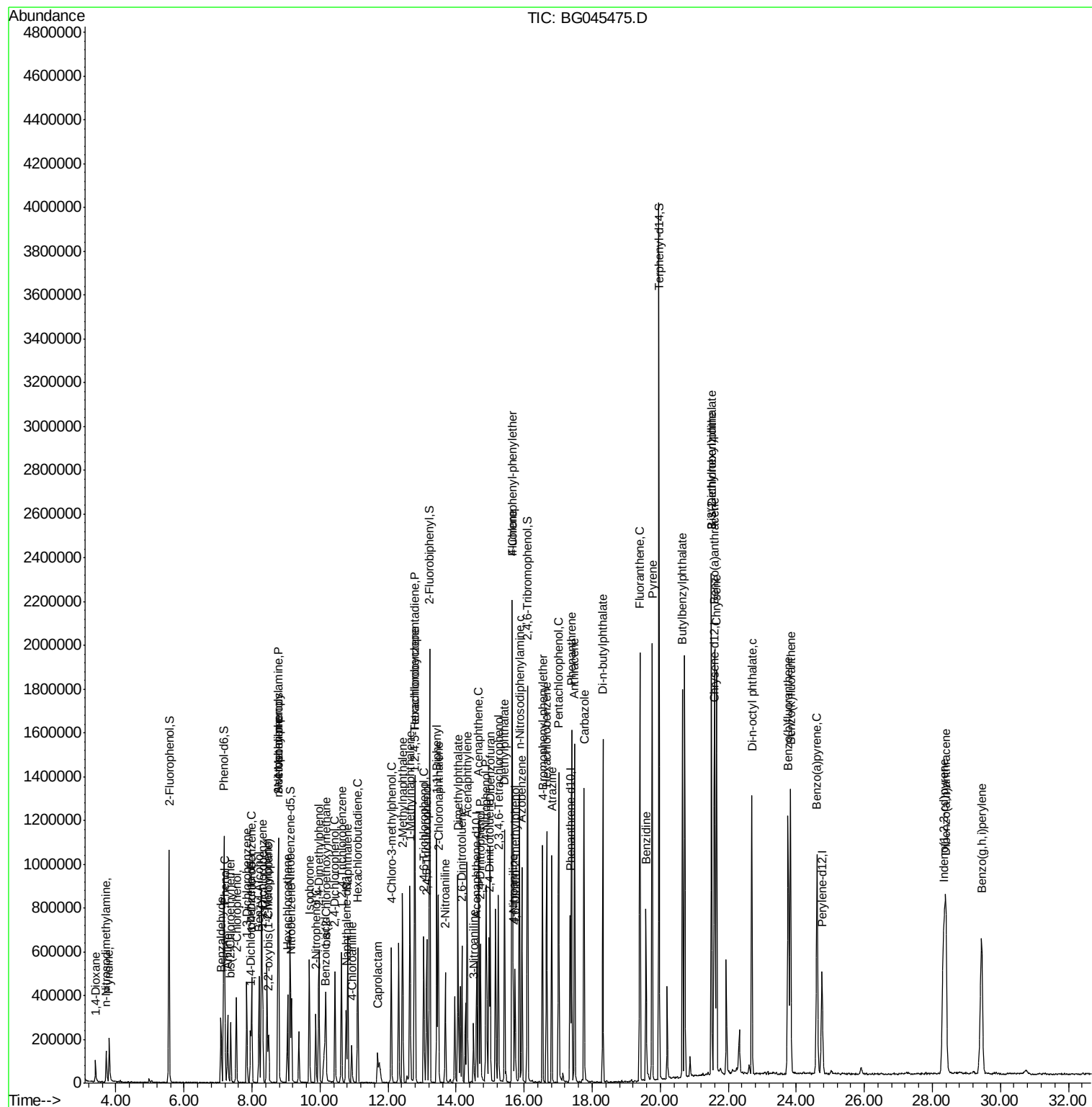
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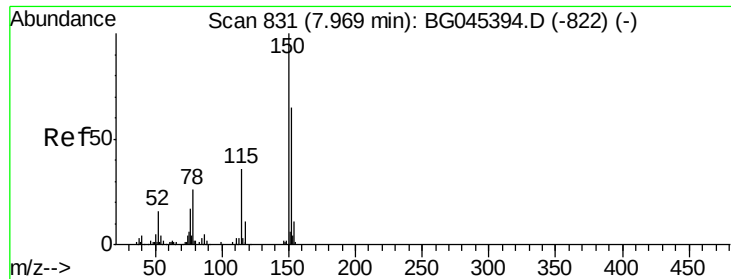
Instrument :
BNA_G
ClientSampled :
PB129112BS

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#1

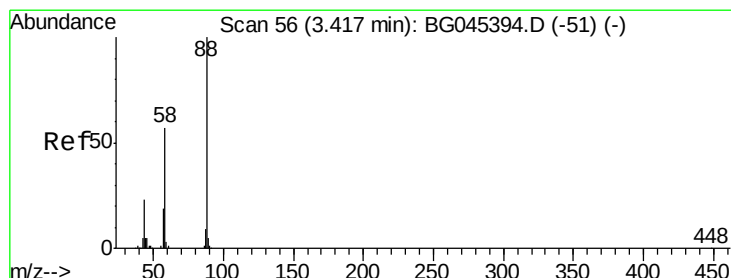
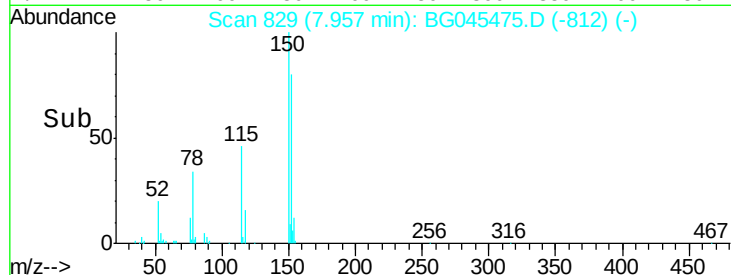
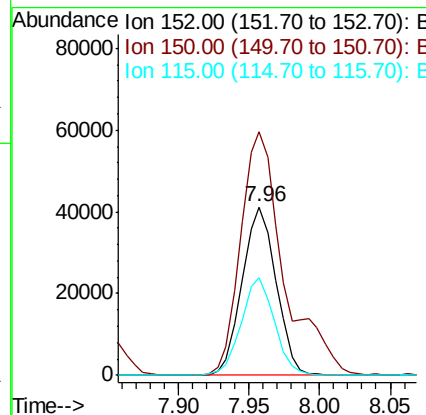
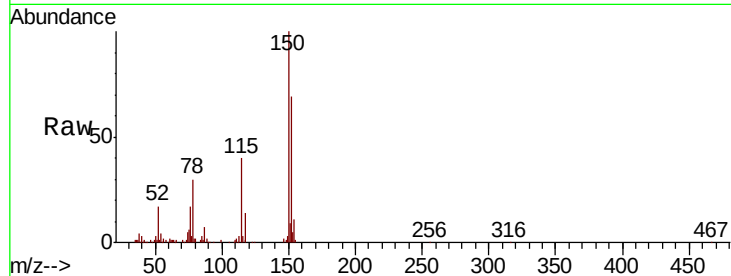
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Instrument :
BNA_G
ClientSampleId :
PB129112BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.6	122.4	183.6
115	57.8	44.2	66.4

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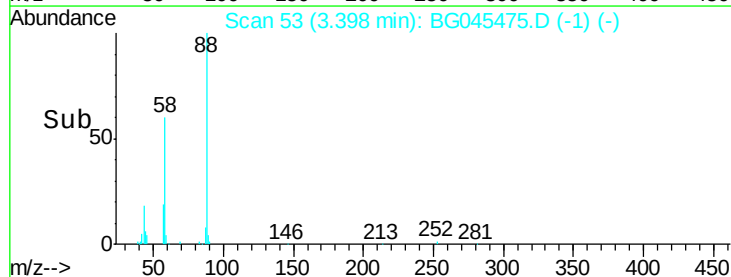
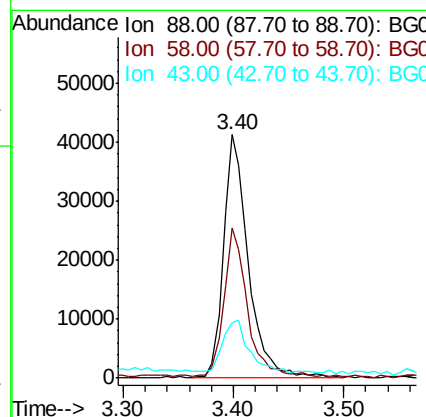
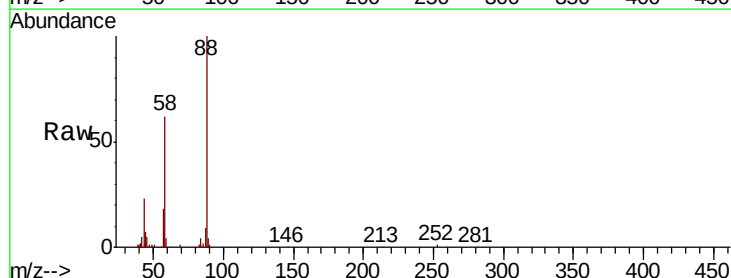
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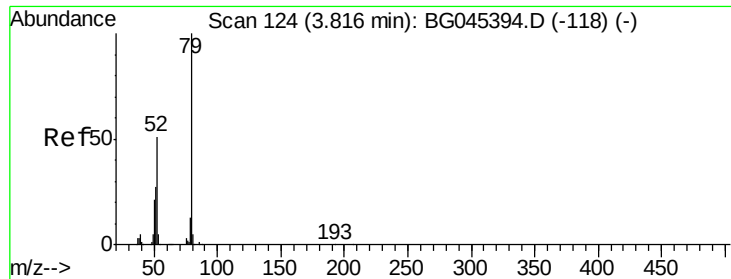


#2

1,4-Dioxane
Concen: 36.547 ng
RT: 3.40 min Scan# 53
Delta R.T. -0.01 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.1	45.7	68.5
43	22.6	16.8	25.2





#3

Pvridine

Concen: 30.869 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

Instrument :

BNA_G

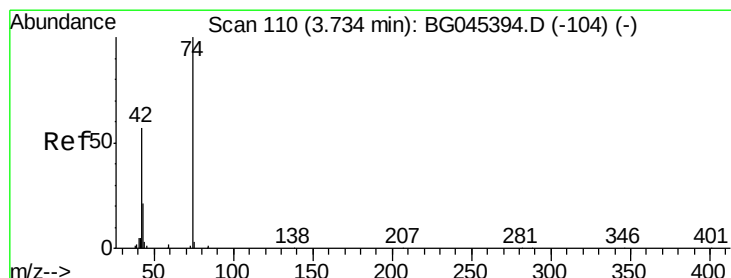
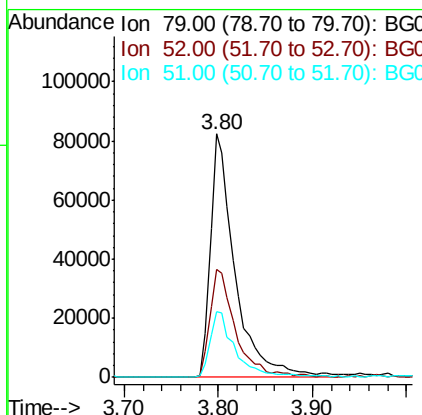
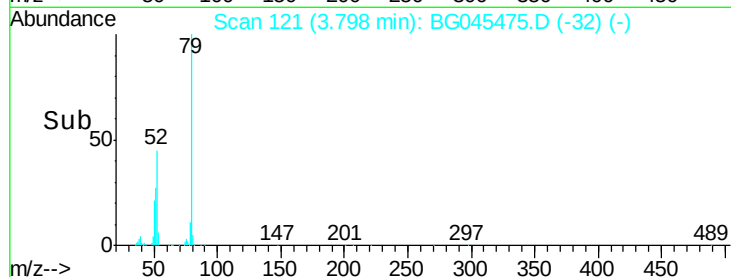
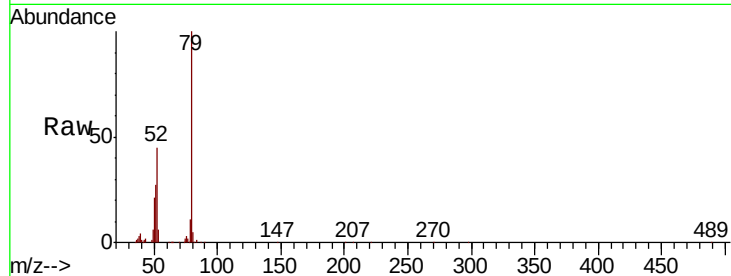
ClientSampled :

PB129112BS

Tot Ion:	79	Resp:	151759
Ion	Ratio	Lower	Upper
79	100		
52	44.5	40.8	61.2
51	27.0	21.9	32.9

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#4

n-Nitrosodimethylamine

Concen: 42.279 ng

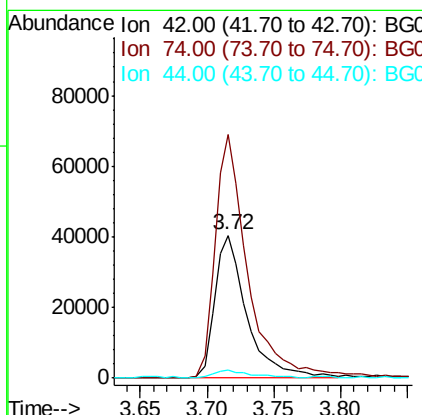
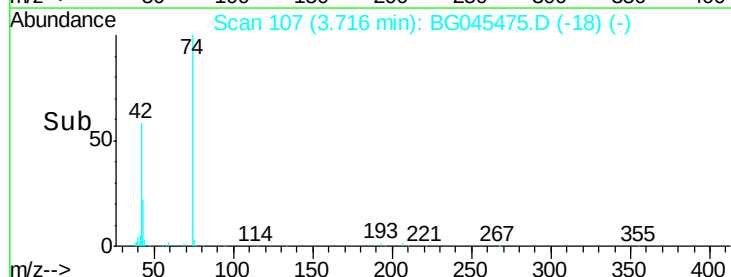
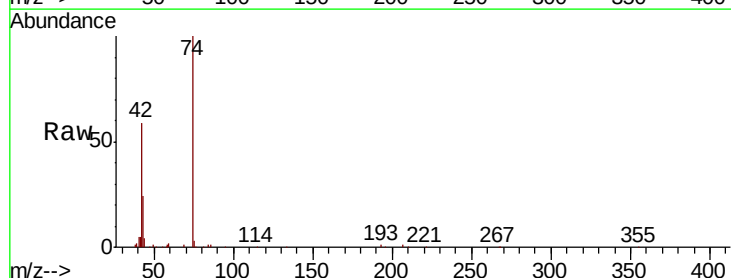
RT: 3.72 min Scan# 107

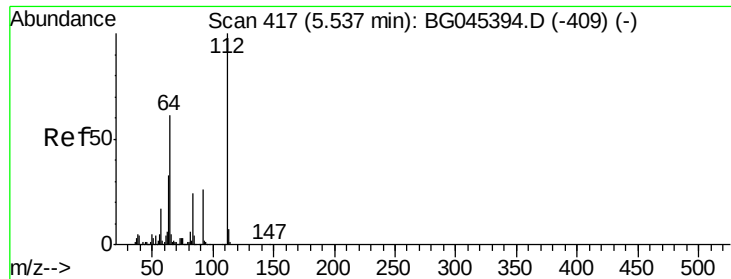
Delta R.T. -0.01 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

Tgt Ion:	42	Resp:	68015
Ion	Ratio	Lower	Upper
42	100		
74	170.6	141.3	211.9
44	6.0	4.2	6.4





#5

2-Fluorophenol

Concen: 145.155 ng

RT: 5.56 min Scan# 421

Delta R.T. 0.01 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

Instrument :

BNA_G

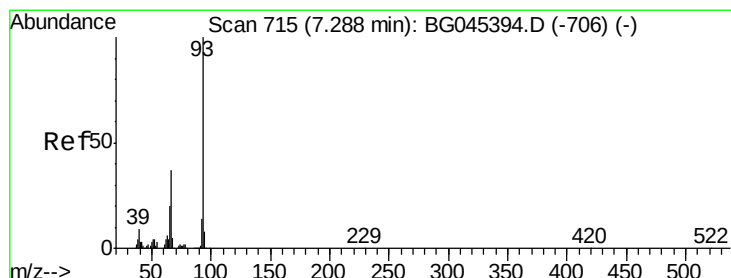
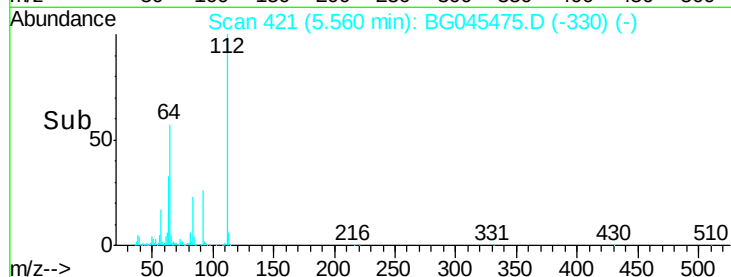
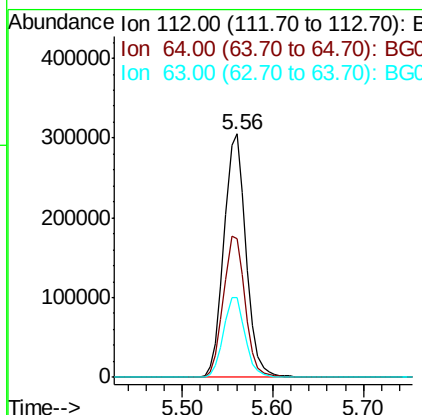
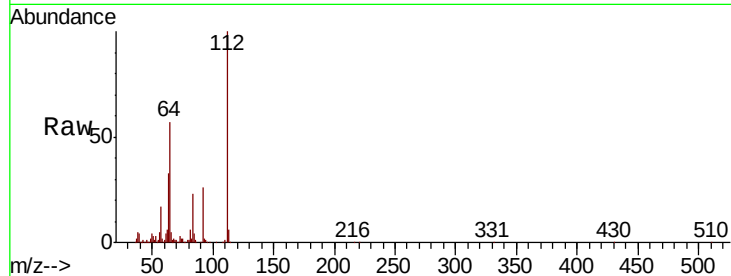
ClientSampleId :

PB129112BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		516706		
64	56.8		48.6	72.8	
63	32.8		26.5	39.7	

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#6

Aniline

Concen: 34.409 ng

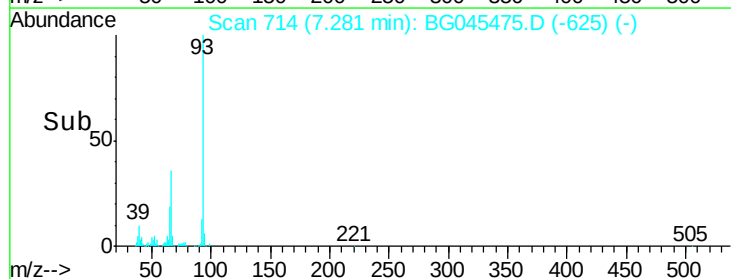
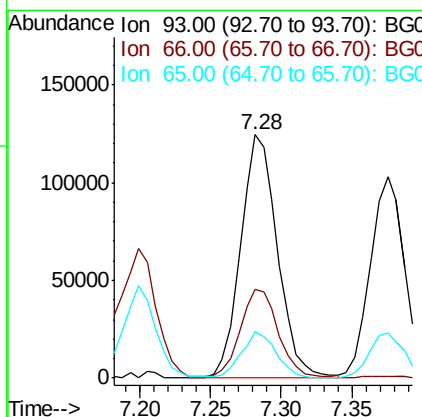
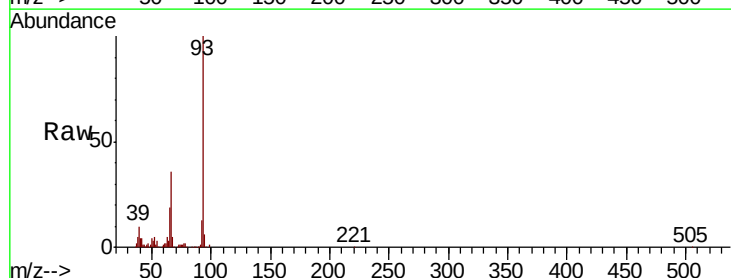
RT: 7.28 min Scan# 714

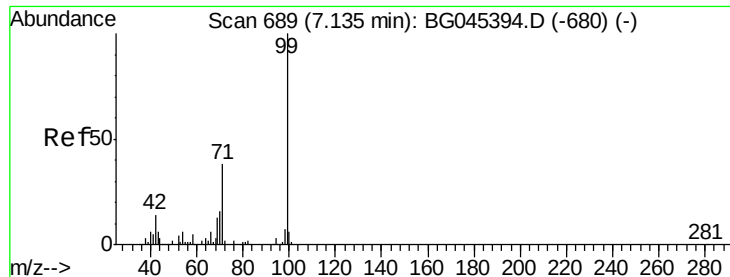
Delta R.T. -0.01 min

Lab File: BG045475.D

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		227575		
66	36.3		29.6	44.4	
65	19.2		15.9	23.9	





#7

Phenol-d6

Concen: 142.625 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

Instrument :

BNA_G

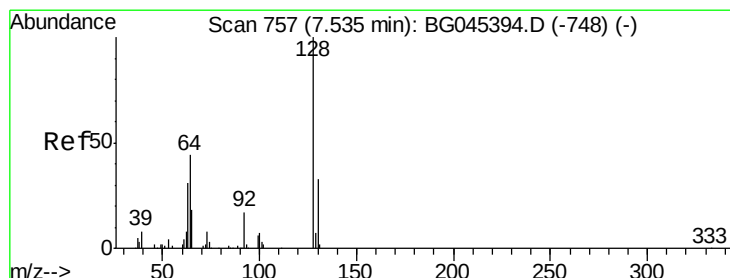
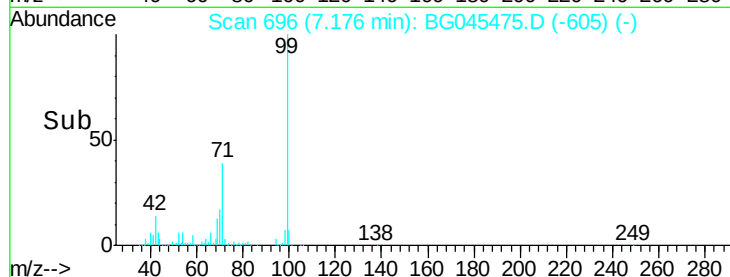
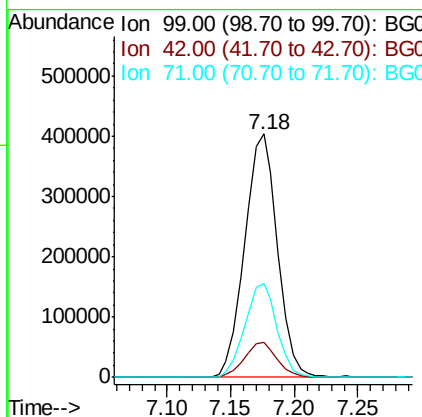
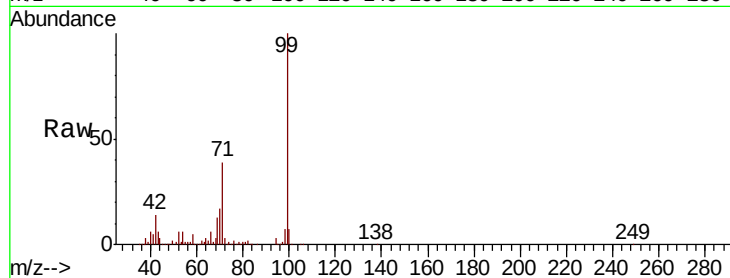
ClientSampled :

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Tot Ion:	99	Resp:	722610
Ion Ratio	Lower	Upper	
99	100		
42	14.2	11.3	16.9
71	38.6	30.8	46.2

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#8

2-Chlorophenol

Concen: 49.814 ng

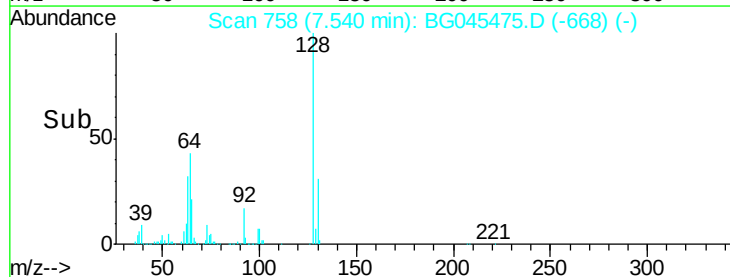
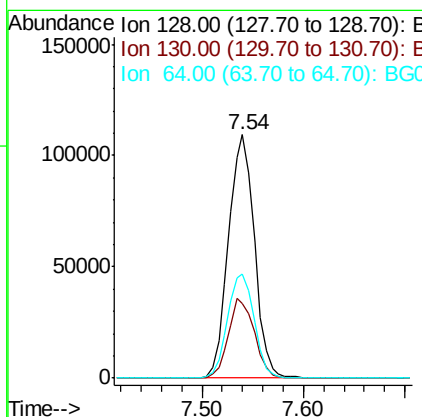
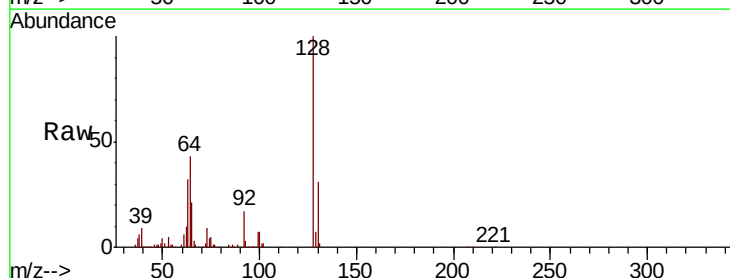
RT: 7.54 min Scan# 758

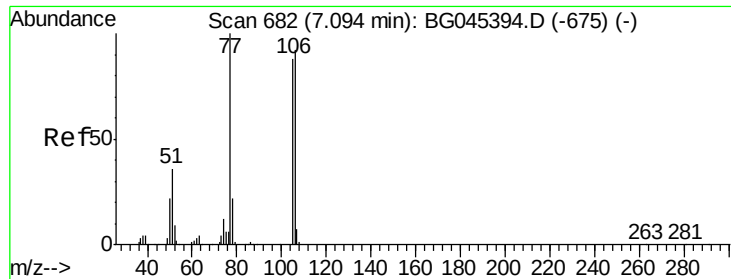
Delta R.T. -0.00 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

Tgt Ion:	128	Resp:	194456
Ion Ratio	Lower	Upper	
128	100		
130	30.9	12.6	52.6
64	42.9	27.0	67.0





#9

Benzaldehyde

Concen: 38.207 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG045475.D

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Instrument :

BNA_G

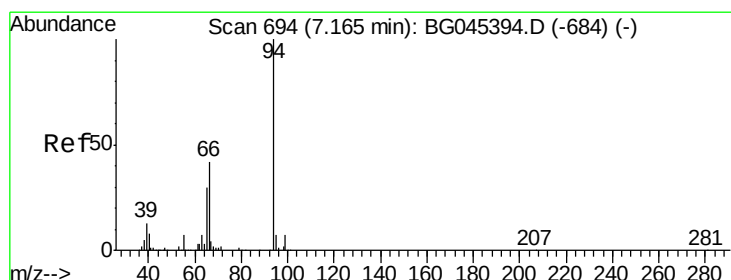
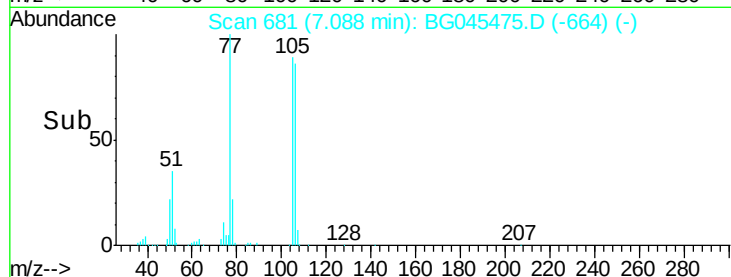
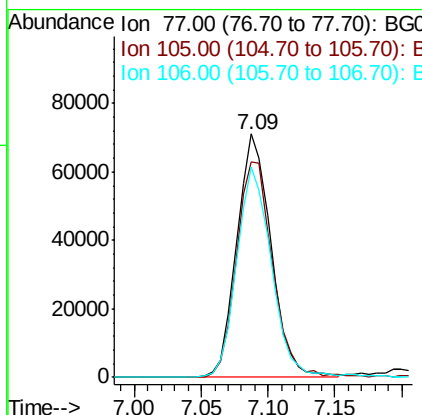
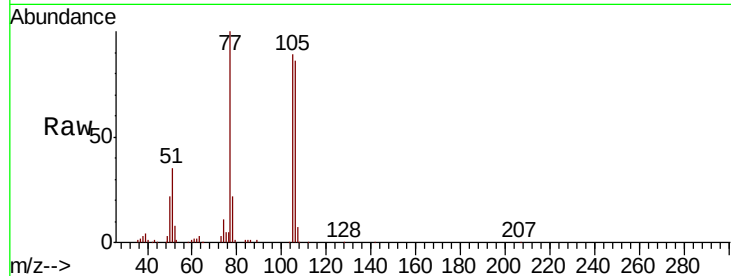
ClientSampleId :

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Tot Ion:	77	Resp:	126119
Ion	Ratio	Lower	Upper
77	100		
105	88.5	68.5	108.5
106	86.2	71.6	111.6

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#10

Phenol

Concen: 48.302 ng

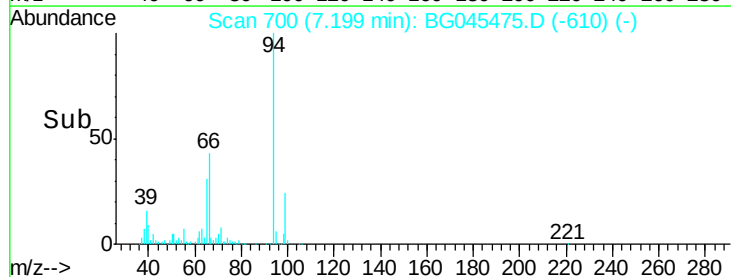
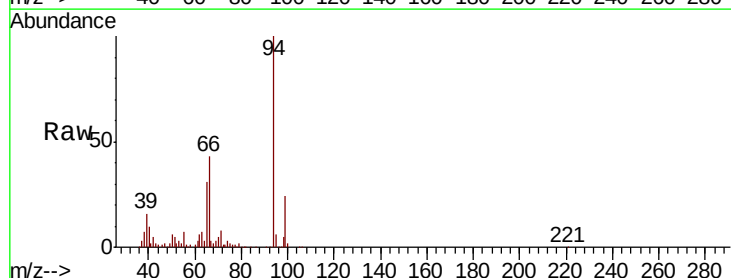
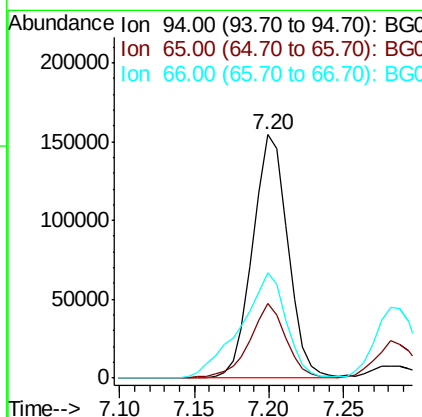
RT: 7.20 min Scan# 700

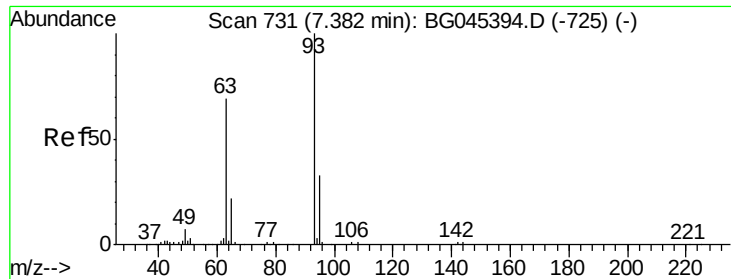
Delta R.T. -0.00 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

Tgt Ion:	94	Resp:	252222
Ion	Ratio	Lower	Upper
94	100		
65	30.5	9.8	49.8
66	43.1	22.0	62.0





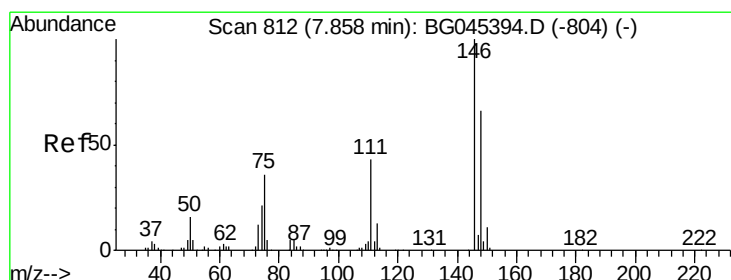
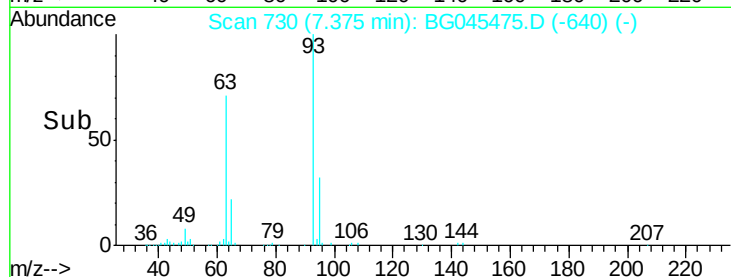
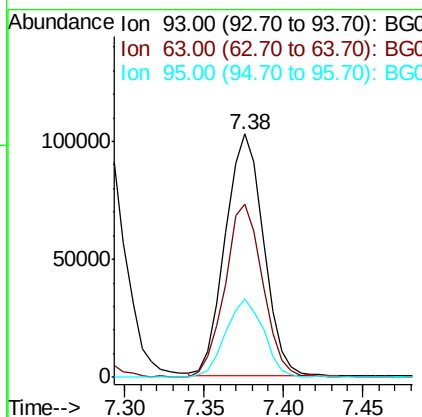
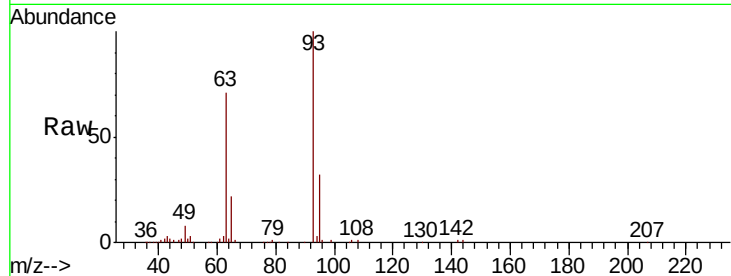
#11
bis(2-Chloroethyl)ether
Concen: 42.331 ng
RT: 7.38 min Scan# 730
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Instrument :
BNA_G
ClientSampled :
PB129112BS

Tot Ion:	93	Resp:	172411
Ion Ratio	Lower	Upper	
93	100		
63	70.9	48.4	88.4
95	32.2	12.4	52.4

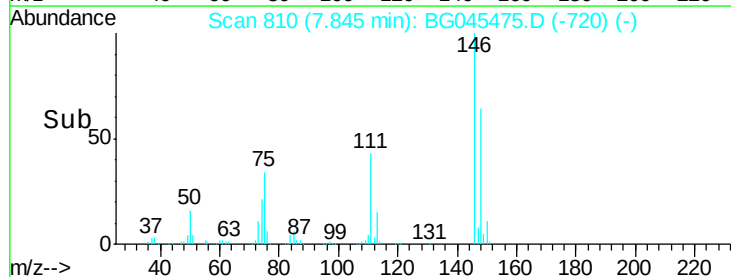
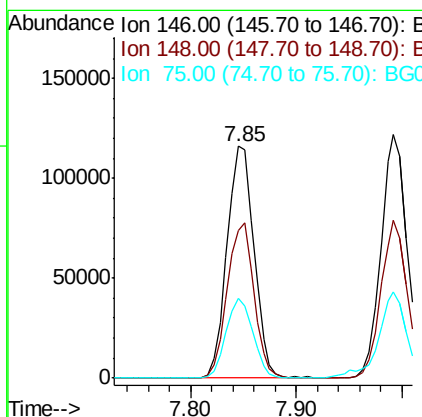
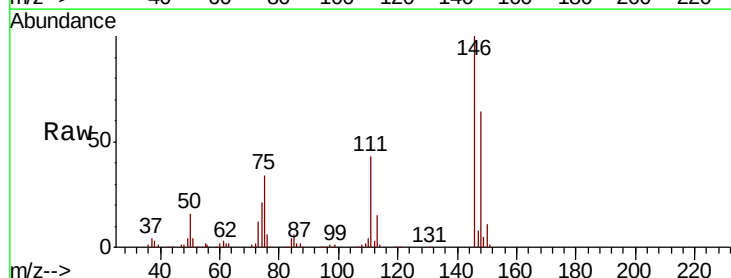
Manual Integrations
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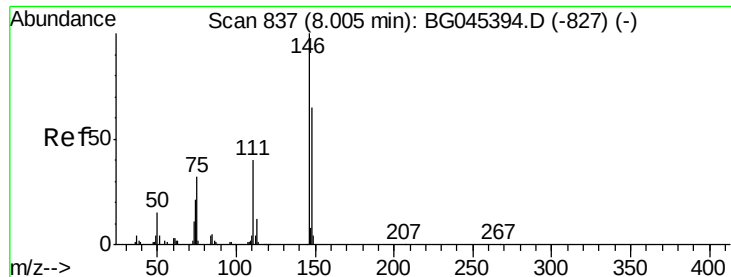
mohammad
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#12
1,3-Dichlorobenzene
Concen: 43.726 ng
RT: 7.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Tgt Ion:	146	Resp:	205123
Ion Ratio	Lower	Upper	
146	100		
148	63.6	53.2	79.8
75	34.2	28.6	43.0





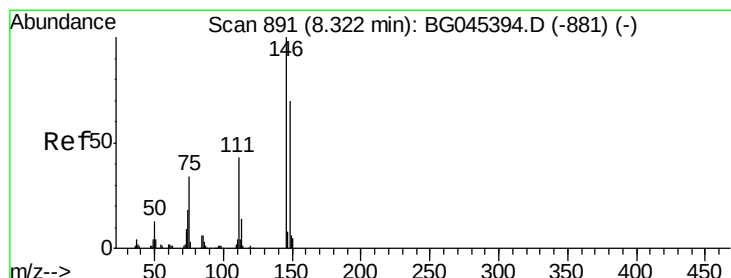
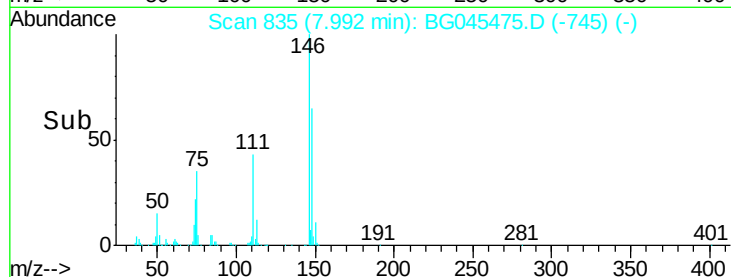
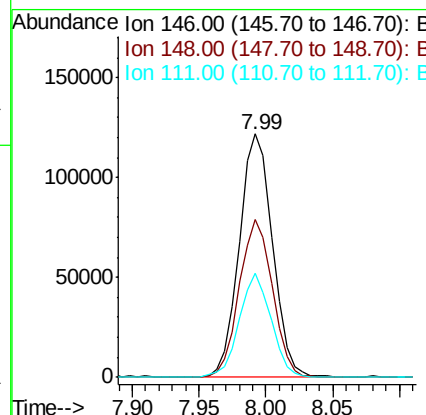
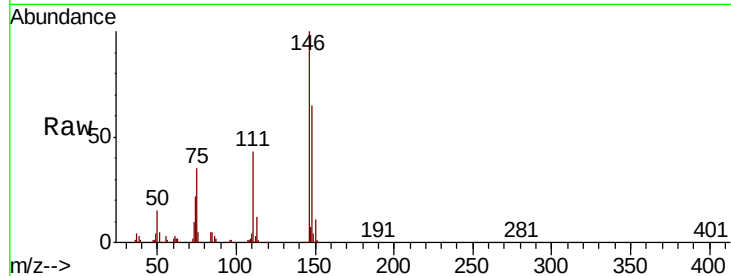
#13
 1,4-Dichlorobenzene
 Concen: 45.447 ng
 RT: 7.99 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BG045475.D
 Acq: 27 May 2020 14:13

Instrument :
 BNA_G
 ClientSampleId :
 PB129112BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.8	77.8
111	42.9	32.1	48.1

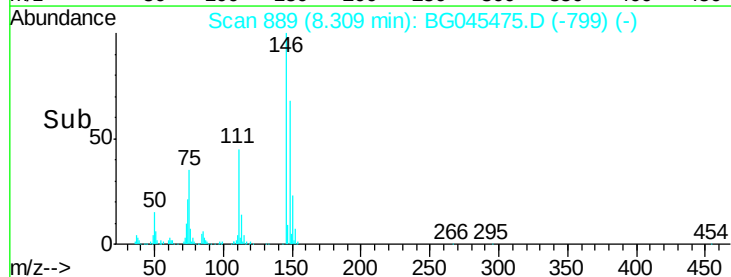
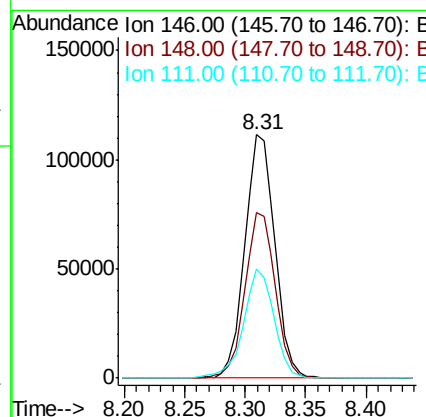
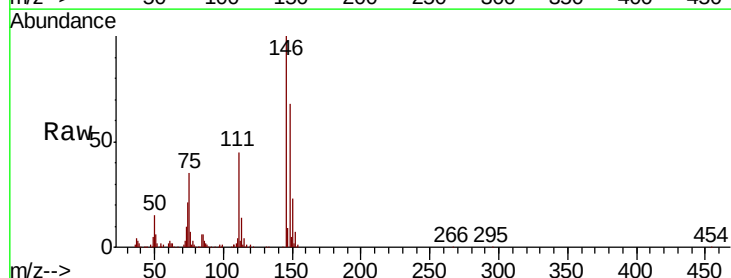
Manual Integrations
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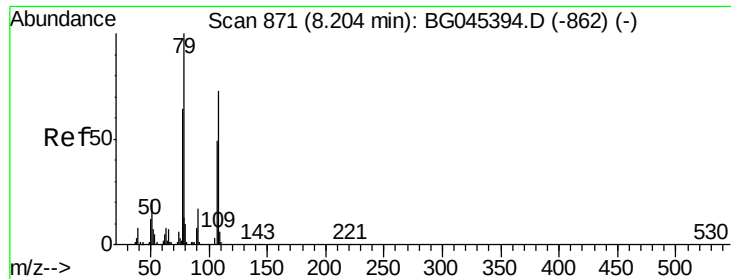
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 43.435 ng
 RT: 8.31 min Scan# 889
 Delta R.T. -0.00 min
 Lab File: BG045475.D
 Acq: 27 May 2020 14:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.8	55.9	83.9
111	44.7	35.0	52.4





#15

Benzyl Alcohol

Concen: 46.141 ng

RT: 8.20 min Scan# 871

Delta R.T. -0.01 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

Instrument :

BNA_G

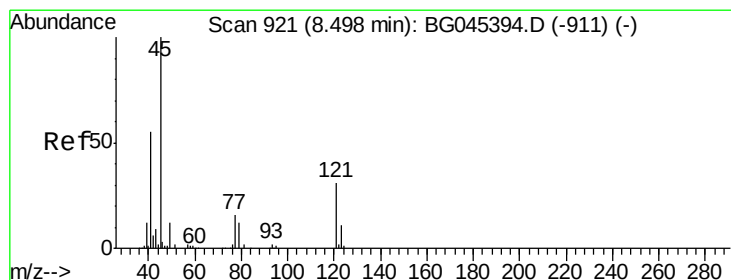
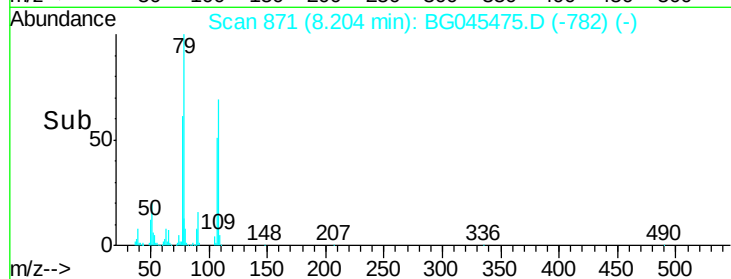
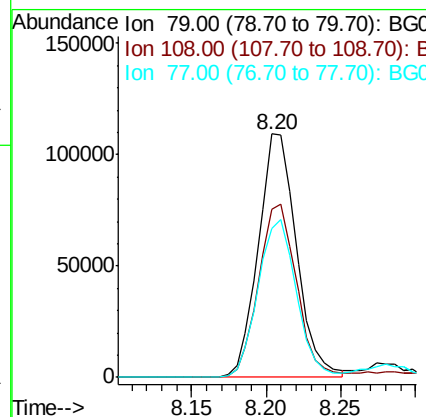
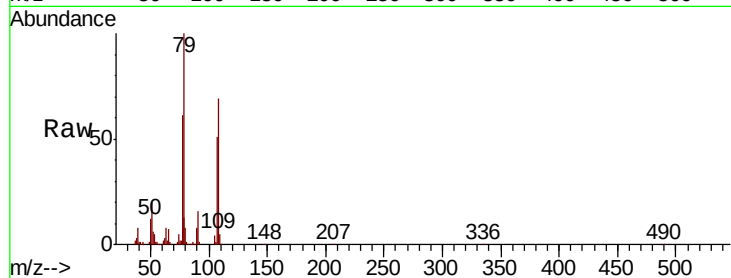
ClientSampleId :

PB129112BS

Tot Ion:	79	Resp:	193121
Ion Ratio	Lower	Upper	
79	100		
108	69.1	58.2	87.4
77	61.3	51.0	76.4

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.642 ng

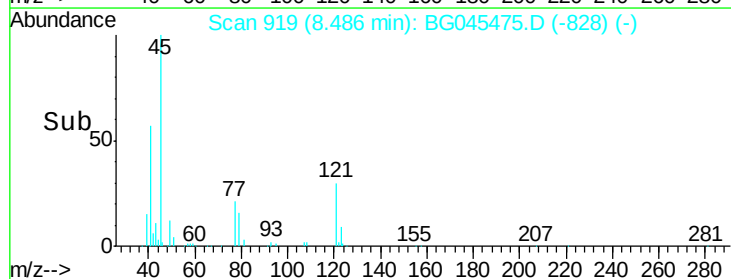
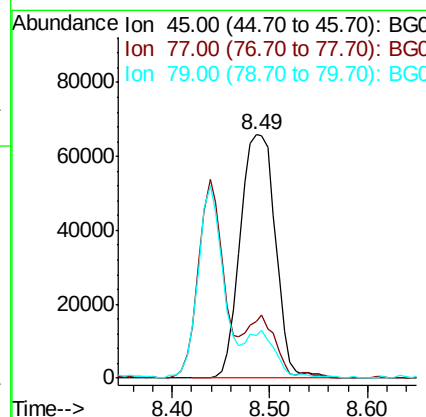
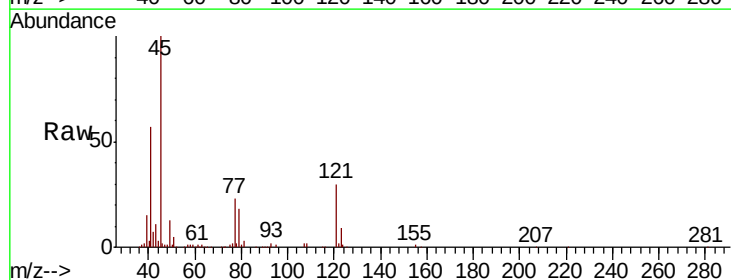
RT: 8.49 min Scan# 919

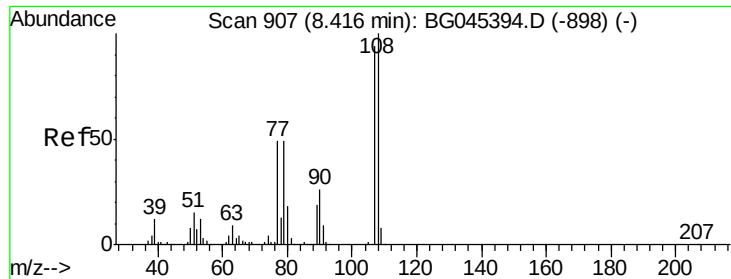
Delta R.T. 0.01 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

Tgt Ion:	45	Resp:	164860
Ion Ratio	Lower	Upper	
45	100		
77	23.1	4.0	44.0
79	17.8	0.0	38.6





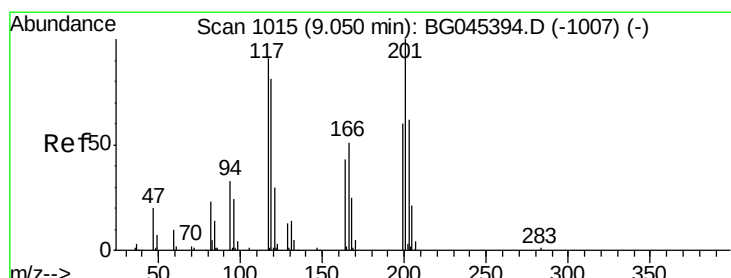
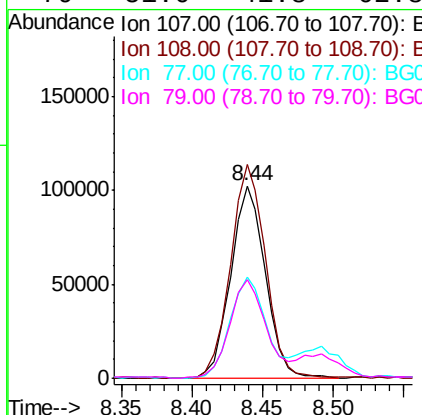
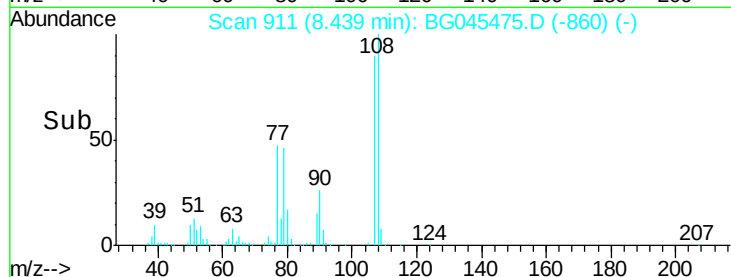
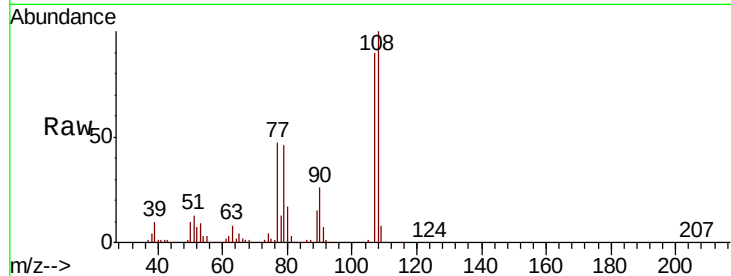
#17
2-Methylphenol
Concen: 44.529 ng
RT: 8.44 min Scan# 911
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Instrument :
BNA_G
ClientSampleId :
PB129112BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	108	111.1	85.2	127.8	
77	77	52.4	41.6	62.4	
79	79	51.0	41.8	62.8	

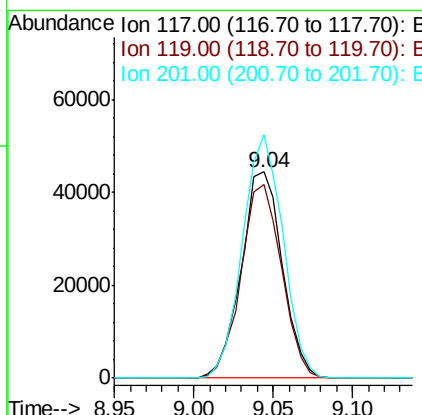
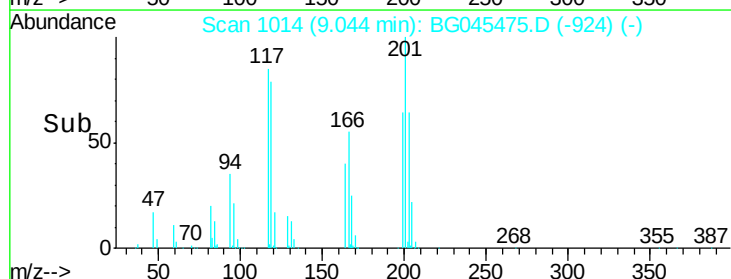
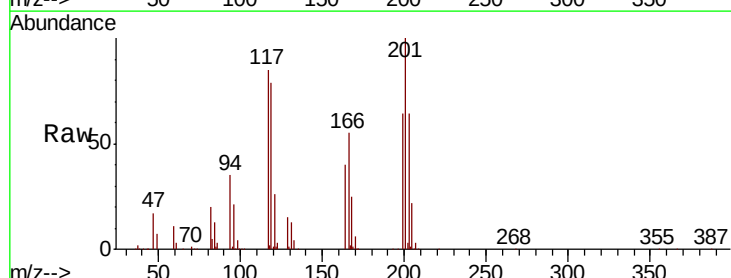
Manual Integrations
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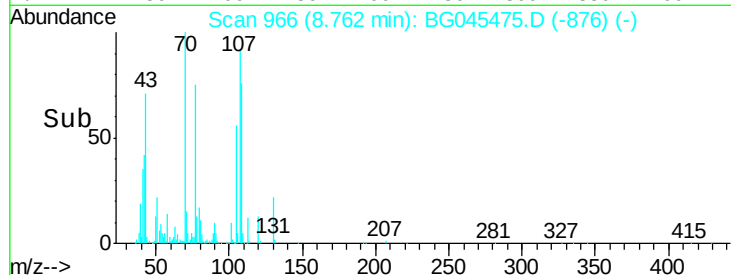
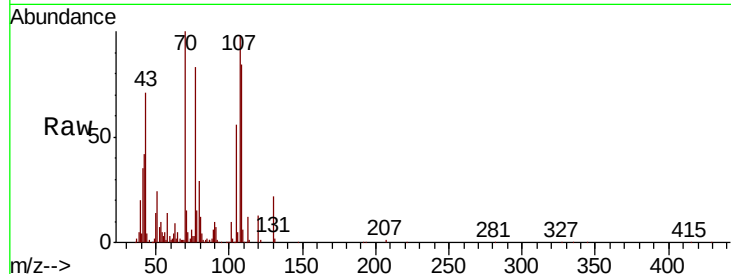
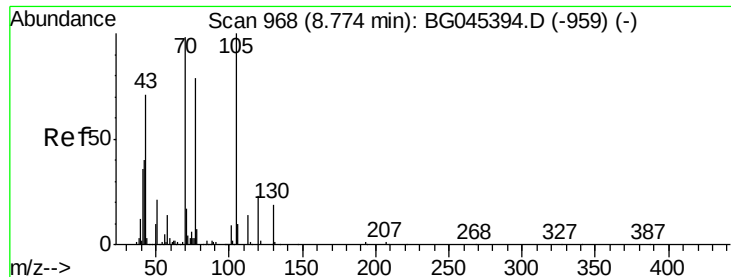
mohammad
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#18
Hexachloroethane
Concen: 45.216 ng
RT: 9.04 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	119	93.8	71.3	106.9	
201	201	118.0	87.5	131.3	





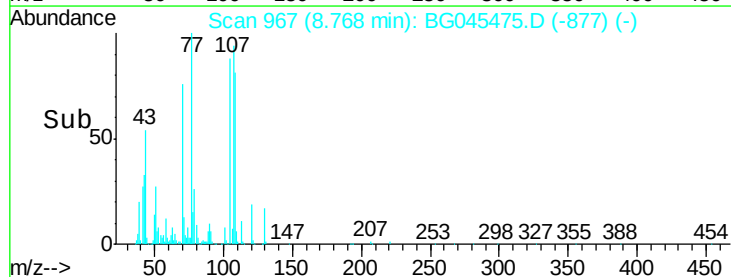
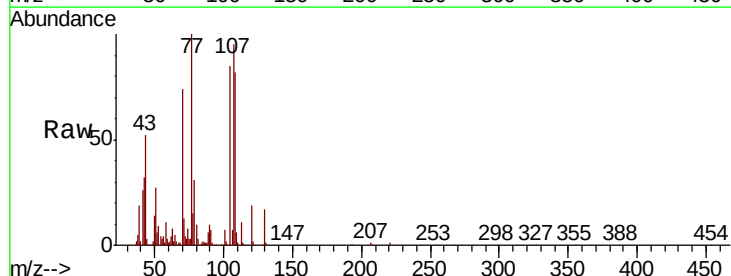
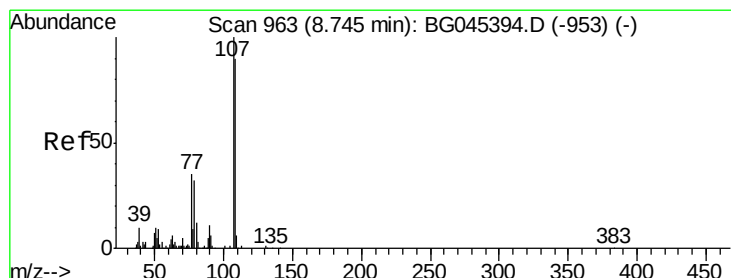
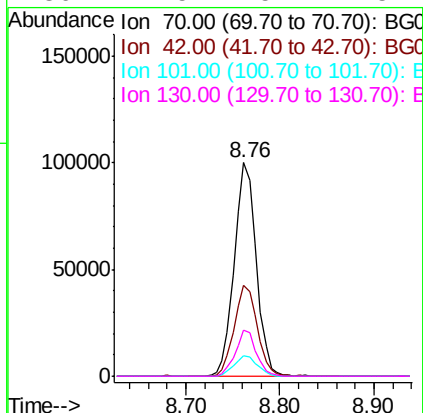
#19
n-Nitroso-di-n-propylamine
Concen: 46.423 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Instrument :
BNA_G
ClientSampleId :
PB129112BS

Manual Integrations
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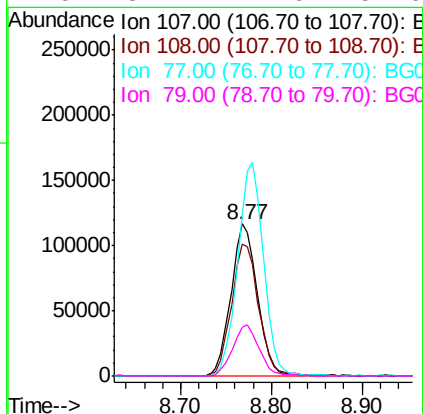
mohammad
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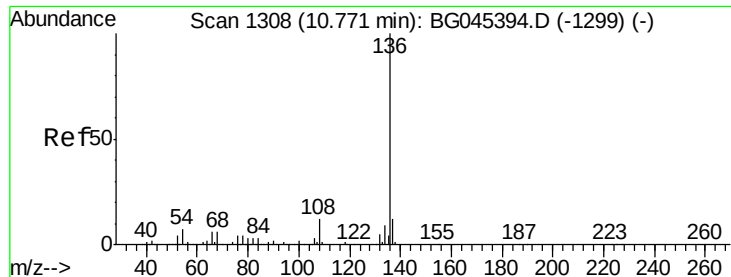
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	42.4	33.2	49.8	
101	9.6	7.8	11.6	
130	21.5	15.4	23.2	



#20
3+4-Methylphenols
Concen: 44.734 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.0	70.3	110.3	
77	105.8	15.4	55.4	
79	32.4	12.6	52.6	





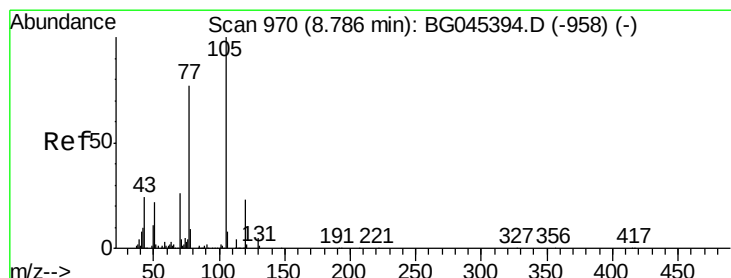
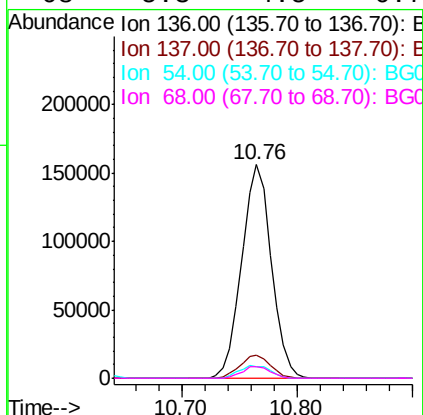
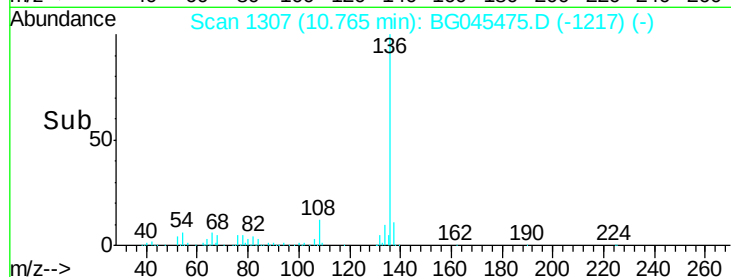
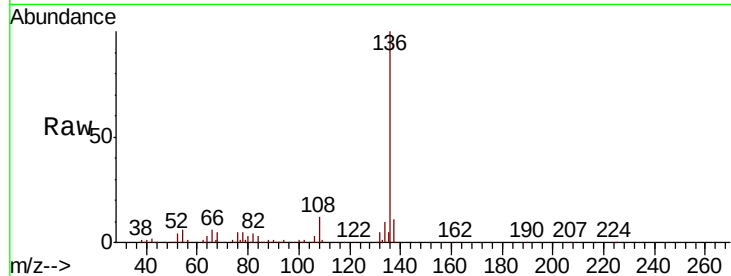
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Instrument :
BNA_G
ClientSampleId :
PB129112BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		278433		
137	10.5		9.4	14.2	
54	5.5		5.8	8.6	
68	5.3		4.5	6.7	

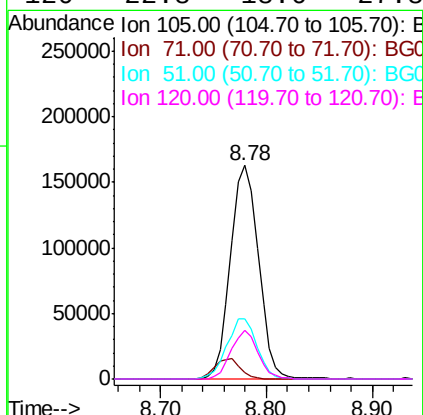
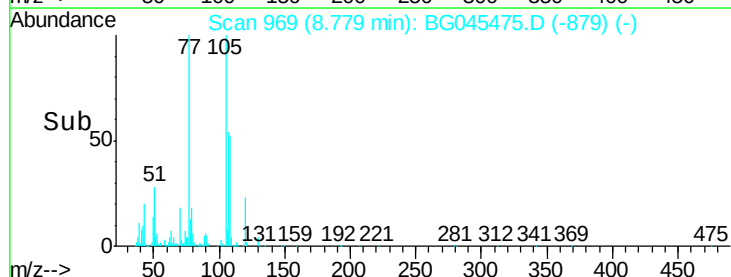
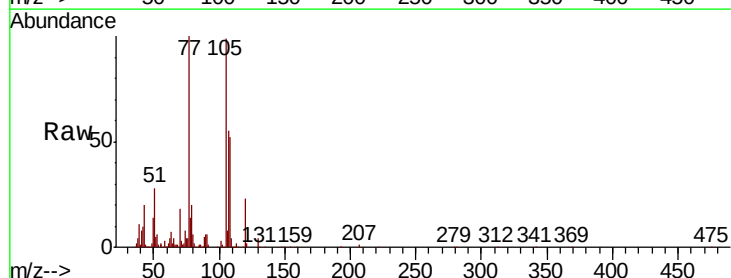
Manual Integrations
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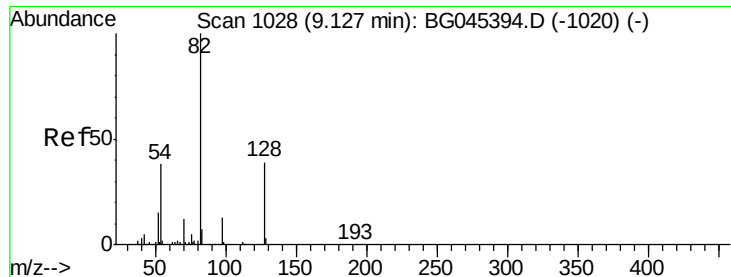
mohammad
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#22
Acetophenone
Concen: 45.414 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		299693		
71	3.2		3.4	5.0	
51	28.4		18.2	27.2	
120	22.8		18.6	27.8	





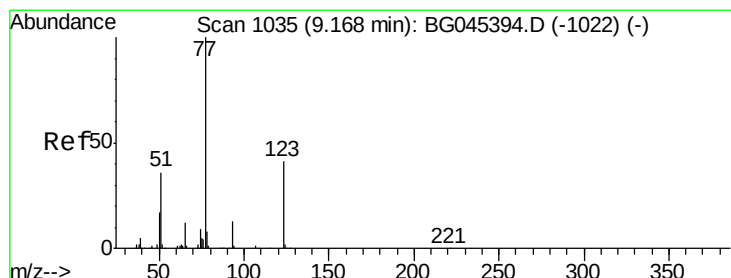
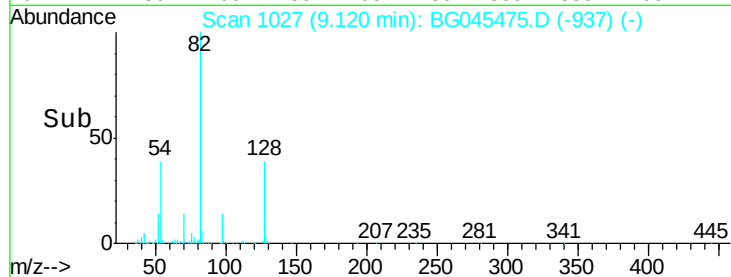
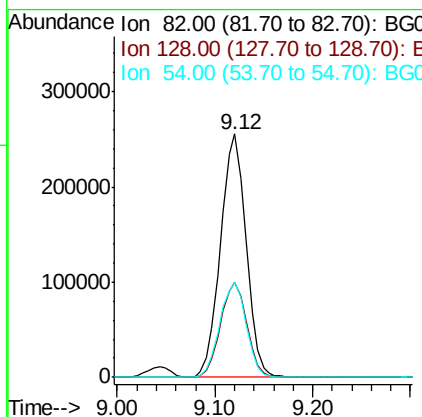
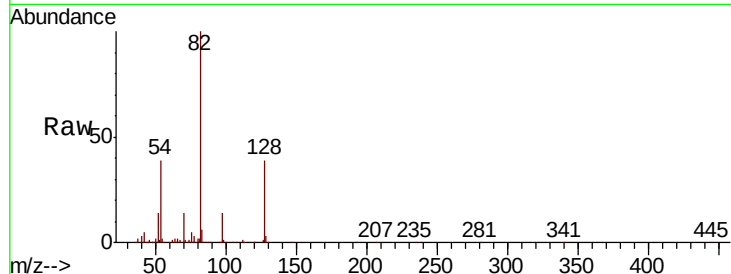
#23
 Nitrobenzene-d5
 Concen: 91.087 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BG045475.D
 Acq: 27 May 2020 14:13

Instrument :
 BNA_G
 ClientSampleId :
 PB129112BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.1	30.9	46.3
54	39.2	30.3	45.5

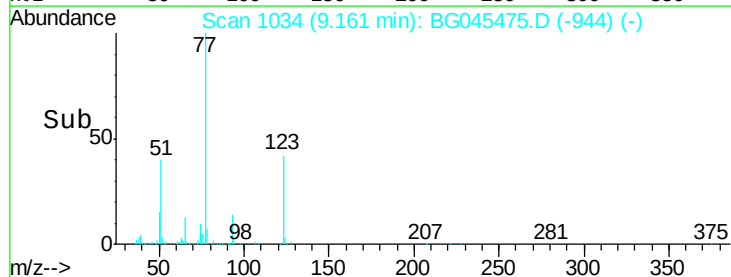
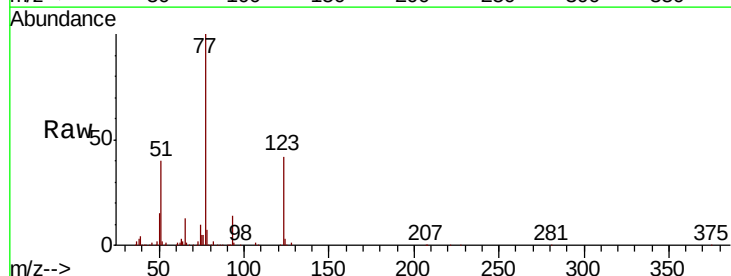
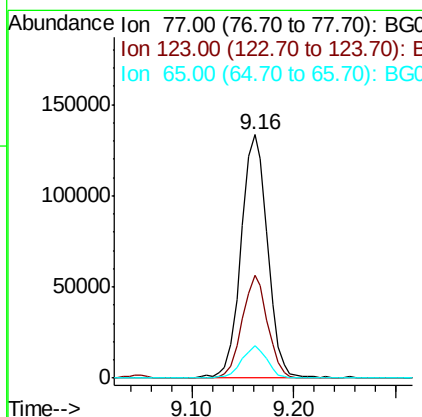
Manual Integrations
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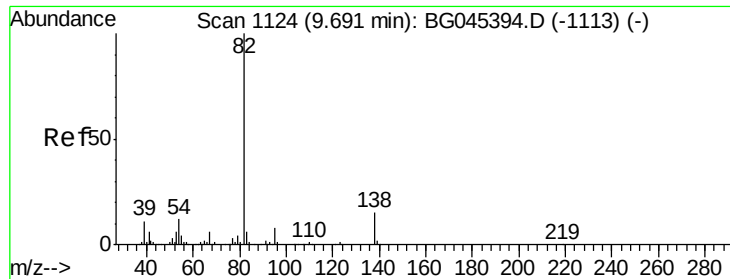
mohammad
 5/29/2020 10:24:30 PM



#24
 Nitrobenzene
 Concen: 43.994 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BG045475.D
 Acq: 27 May 2020 14:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.0	32.9	49.3
65	13.1	9.4	14.2





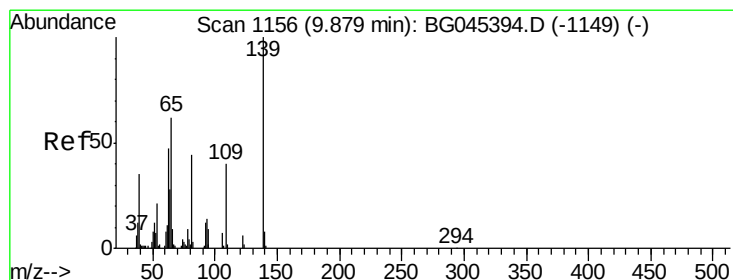
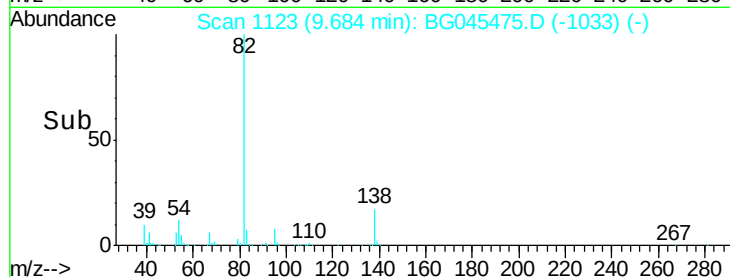
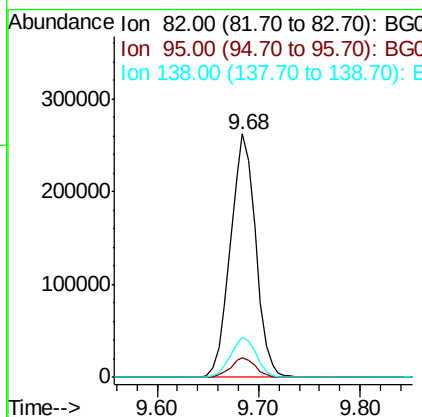
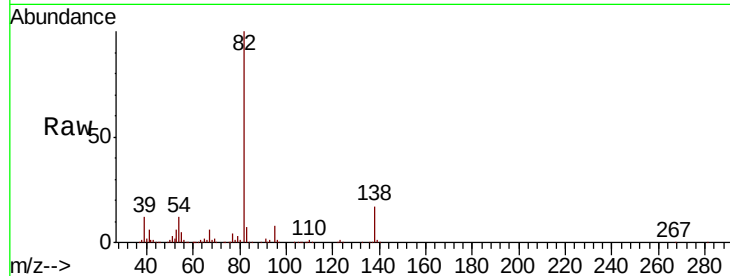
#25
Isophorone
Concen: 44.931 ng
RT: 9.68 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Instrument :
BNA_G
ClientSampleId :
PB129112BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.2	6.7	10.1	
138	16.5	12.2	18.4	

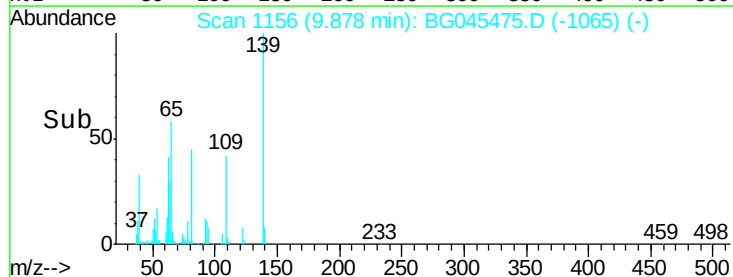
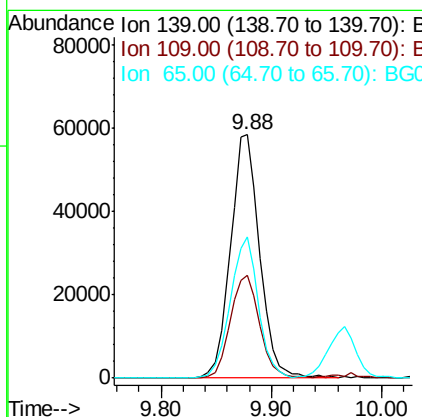
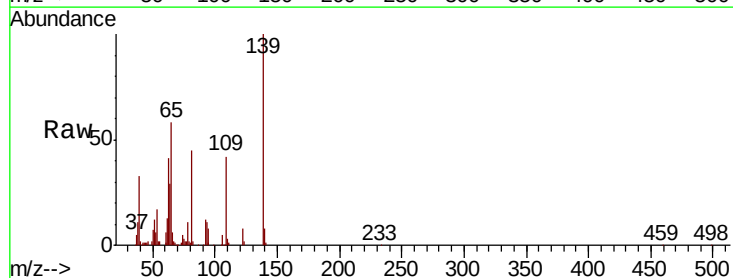
Manual Integrations
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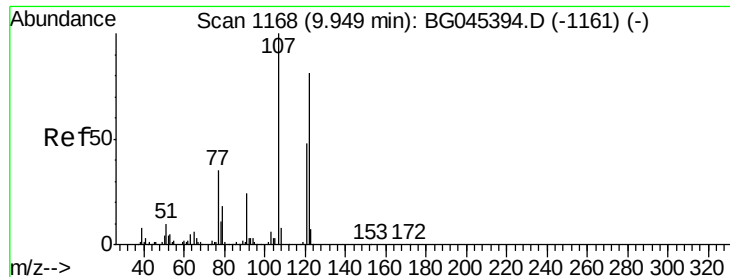
mohammad
5/29/2020 10:24:30 PM



#26
2-Nitrophenol
Concen: 46.351 ng
RT: 9.88 min Scan# 1156
Delta R.T. 0.01 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	42.0	32.2	48.4	
65	58.1	49.6	74.4	





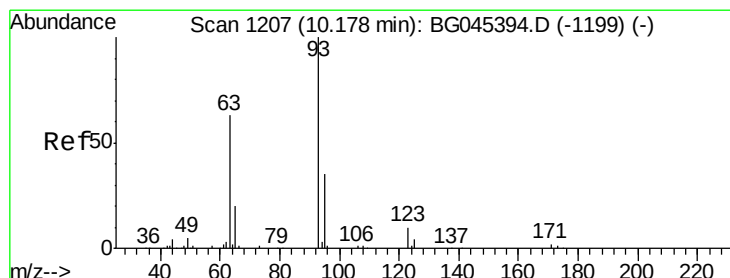
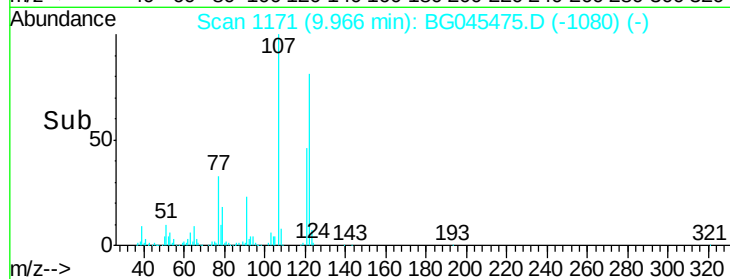
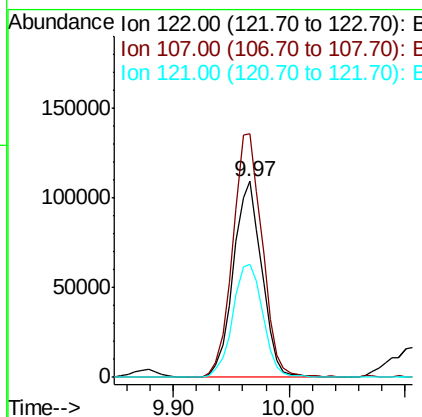
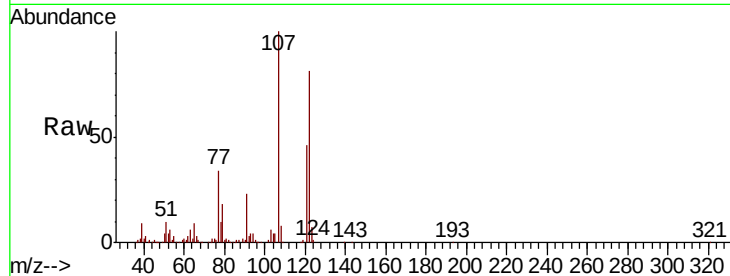
#27
2,4-Dimethylphenol
Concen: 54.106 ng
RT: 9.97 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Instrument :
BNA_G
ClientSampleId :
PB129112BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	187794		
107	124.1	99.0	148.4	
121	57.5	47.7	71.5	

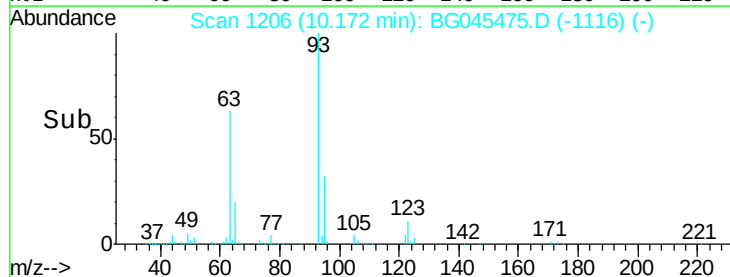
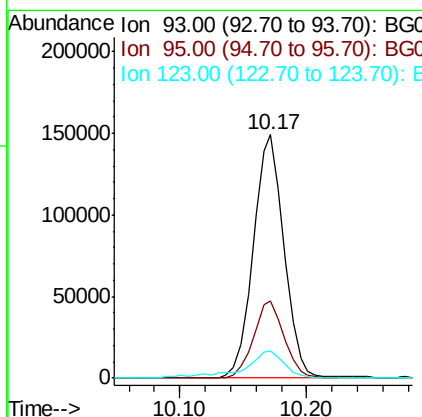
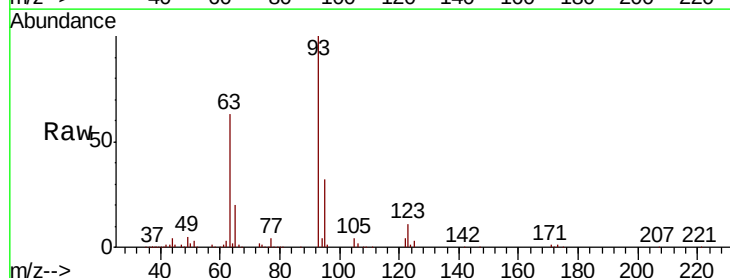
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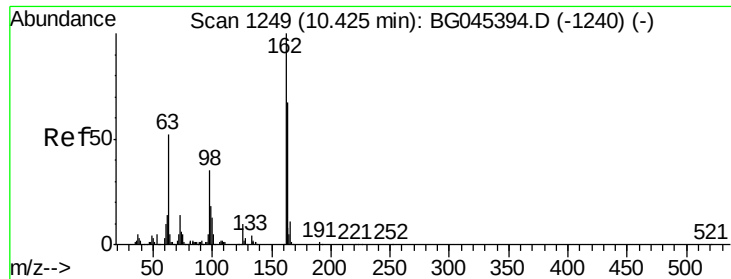
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 47.324 ng
RT: 10.17 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	249561		
95	31.8	27.6	41.4	
123	11.0	8.1	12.1	





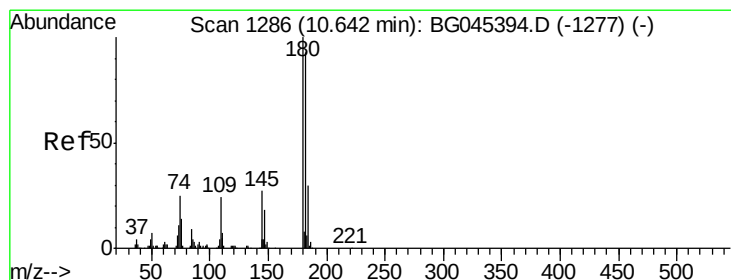
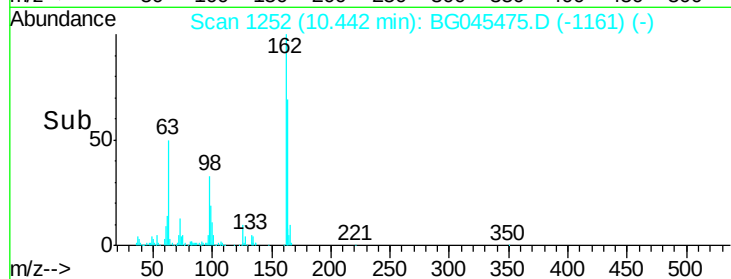
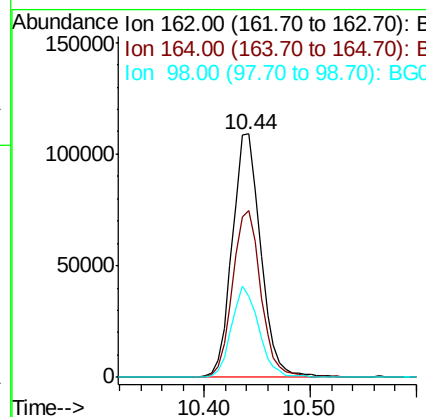
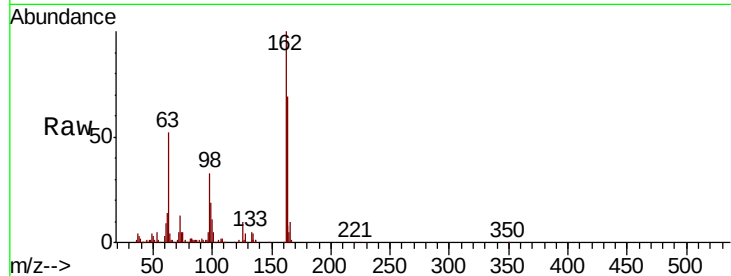
#29
 2,4-Dichlorophenol
 Concen: 49.701 ng
 RT: 10.44 min Scan# 1252
 Delta R.T. 0.01 min
 Lab File: BG045475.D
 Acq: 27 May 2020 14:13

Instrument :
 BNA_G
 ClientSampleID :
 PB129112BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		203707		
164	68.7	46.8	86.8		
98	33.1	15.2	55.2		

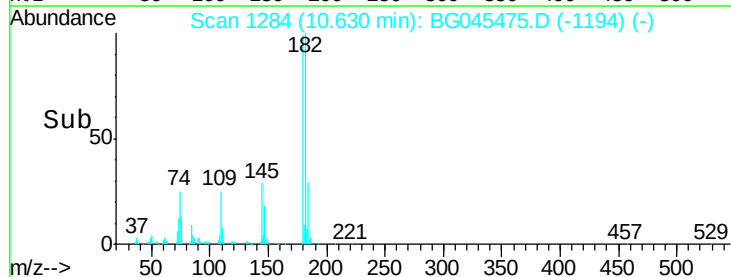
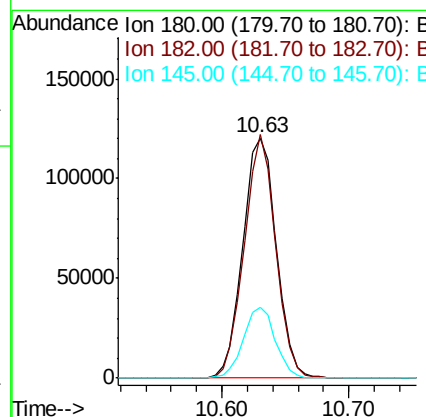
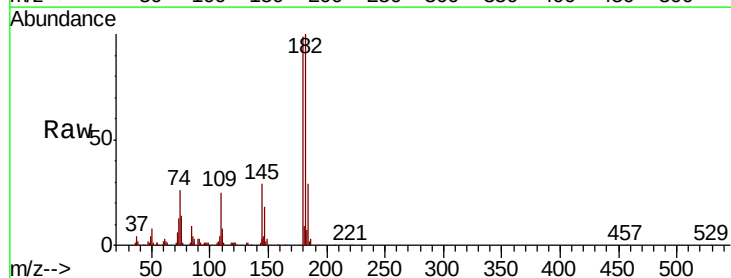
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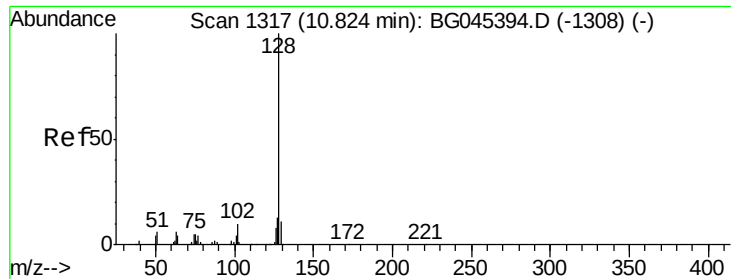
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 45.384 ng
 RT: 10.63 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: BG045475.D
 Acq: 27 May 2020 14:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		219800		
182	101.5	74.8	112.2		
145	29.3	21.9	32.9		





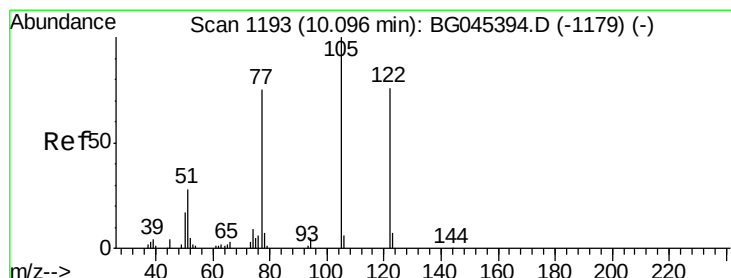
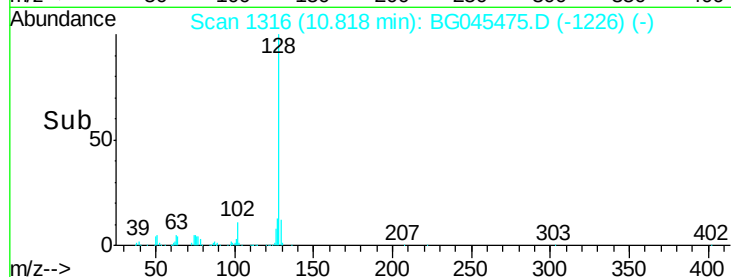
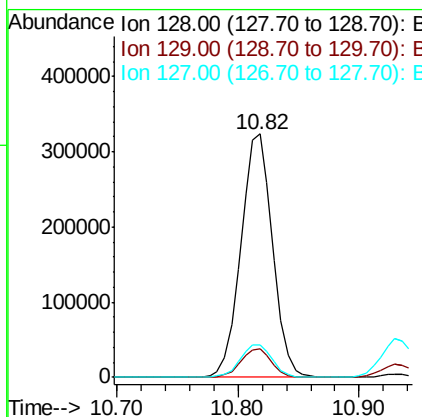
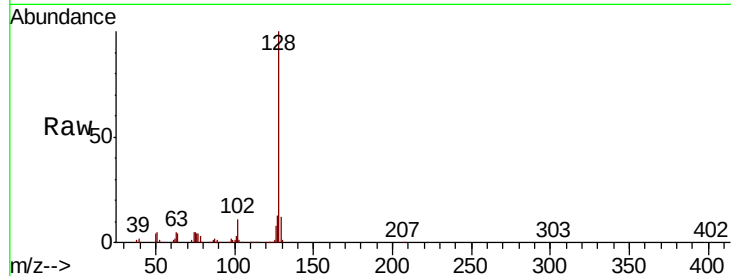
#31
Naphthalene
Concen: 45.430 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Instrument :
BNA_G
ClientSampleId :
PB129112BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.0	13.6
127	13.4	10.7	16.1

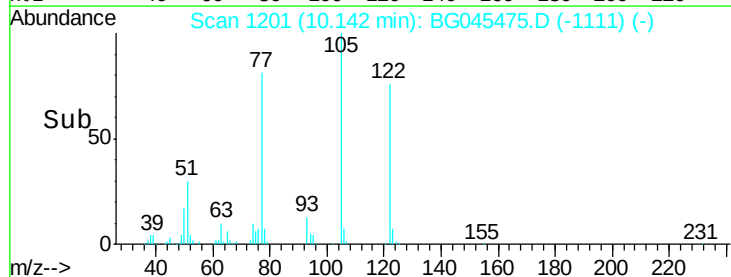
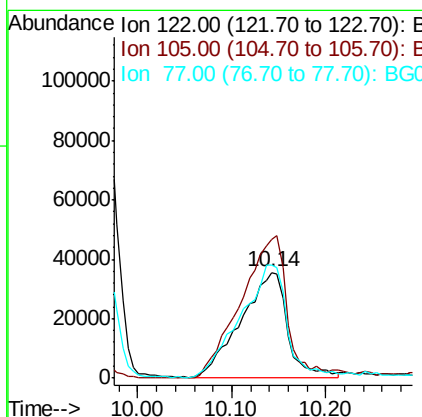
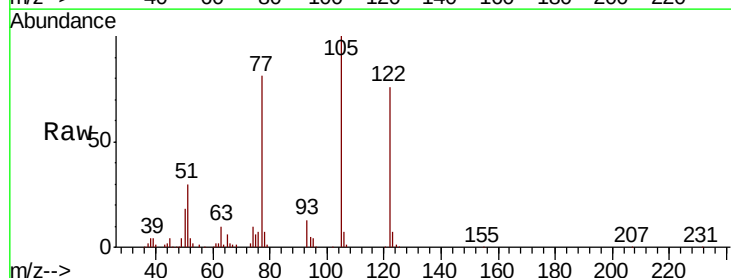
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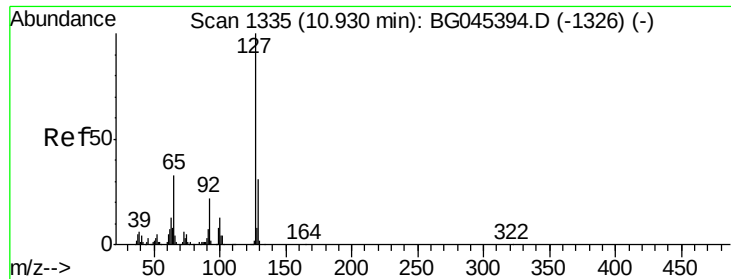
mohammad
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#32
Benzoic acid
Concen: 50.587 ng
RT: 10.14 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.6	107.9	147.9
77	107.2	78.9	118.9





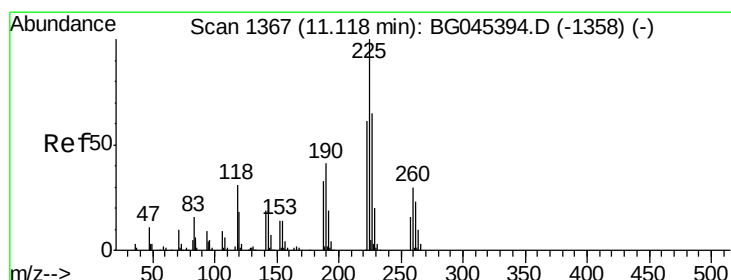
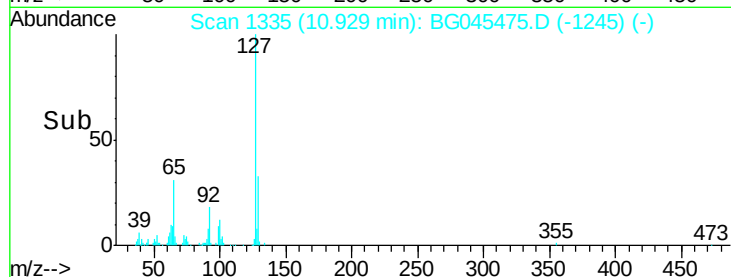
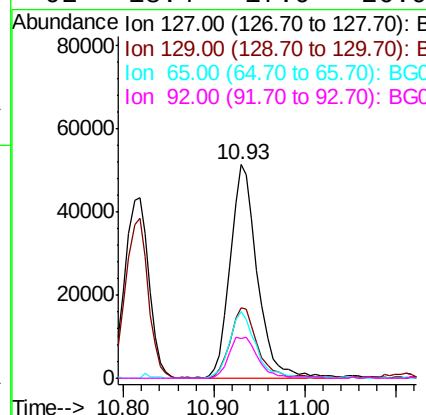
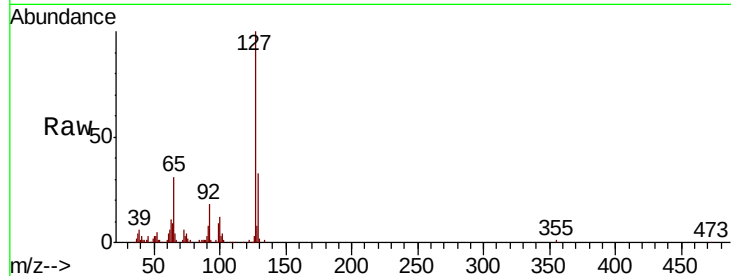
#33
4-Chloroaniline
Concen: 19.758 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Instrument :
BNA_G
ClientSampleId :
PB129112BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.1	24.7	37.1		
65	31.2	26.2	39.2		
92	18.4	17.9	26.9		

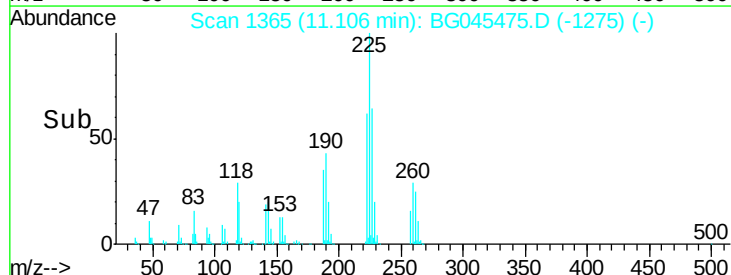
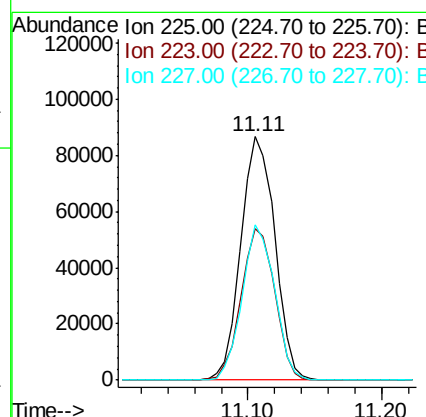
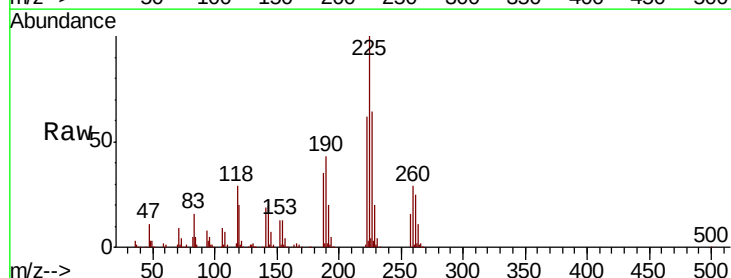
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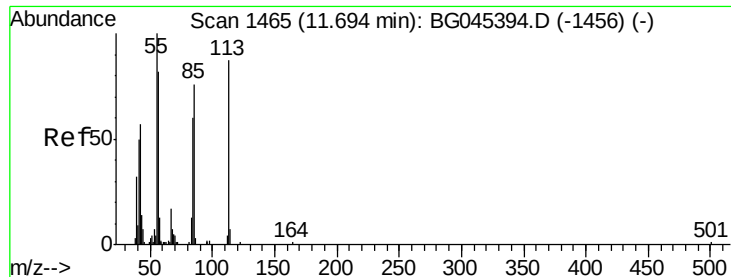
mohammad
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#34
Hexachlorobutadiene
Concen: 44.575 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.2	49.1	73.7		
227	63.9	52.0	78.0		





#35

Caprolactam

Concen: 49.161 ng/mL

RT: 11.69 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

Instrument :

BNA_G

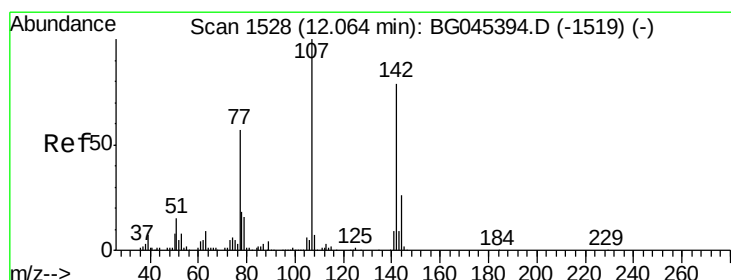
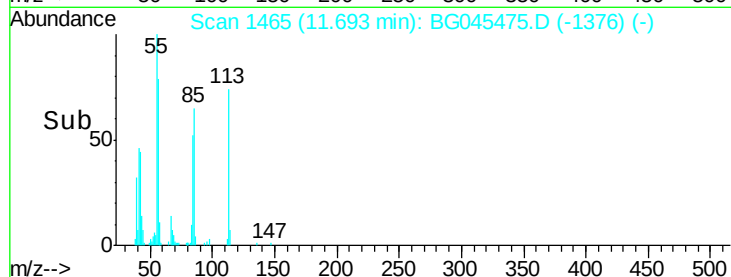
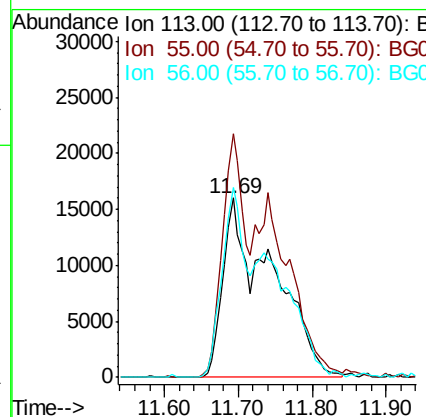
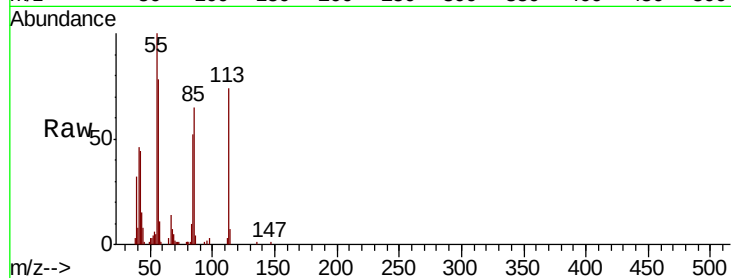
ClientSampleId :

PB129112BS

Tot Ion:	113	Resp:	73959
Ion	Ratio	Lower	Upper
113	100		
55	135.6	96.0	136.0
56	106.0	75.1	115.1

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#36

4-Chloro-3-methylphenol

Concen: 50.169 ng/mL

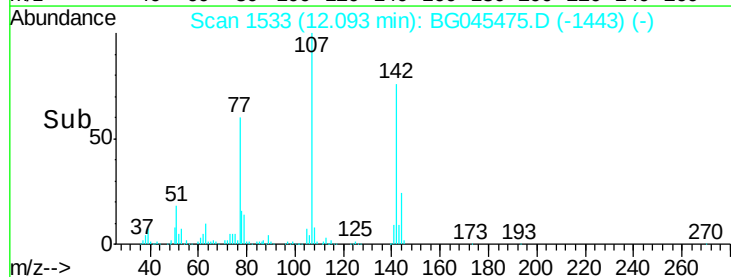
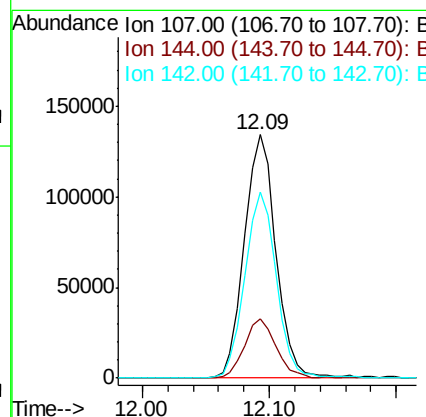
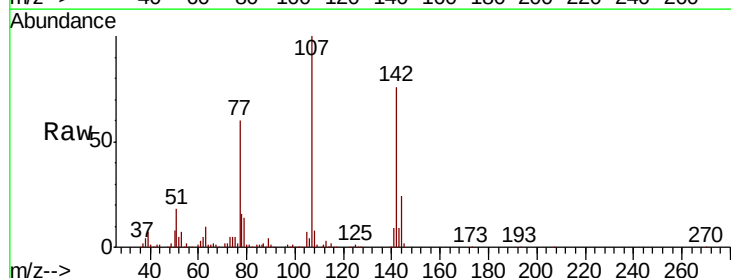
RT: 12.09 min Scan# 1533

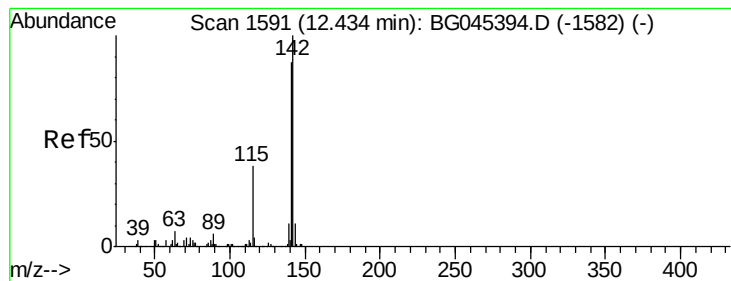
Delta R.T. -0.00 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

Tgt Ion:	107	Resp:	231703
Ion	Ratio	Lower	Upper
107	100		
144	24.4	20.8	31.2
142	76.3	62.8	94.2





#37

2-Methylnaphthalene

Concen: 46.825 ng

RT: 12.43 min Scan# 1590

Delta R.T. -0.00 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

Instrument :

BNA_G

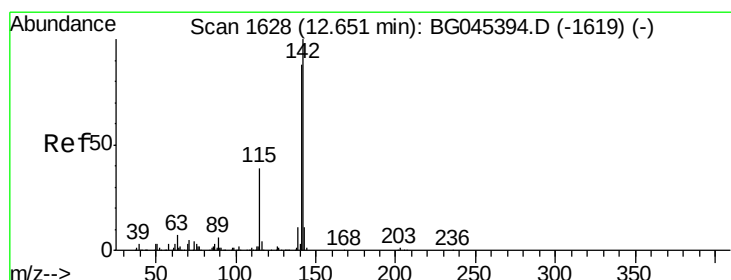
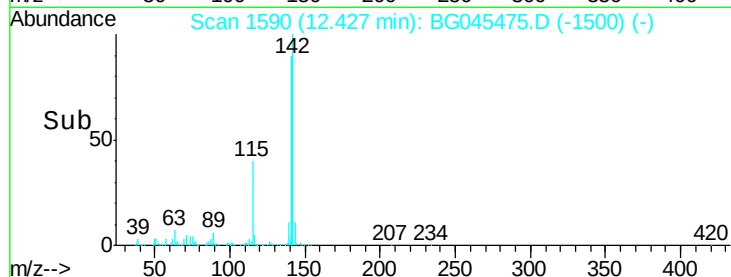
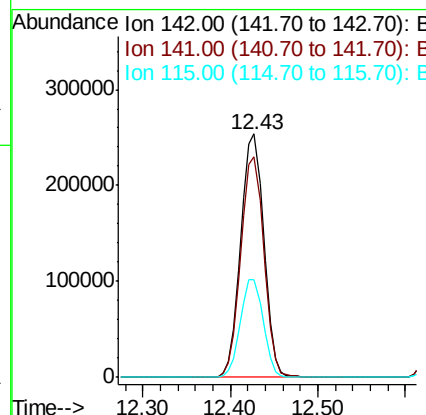
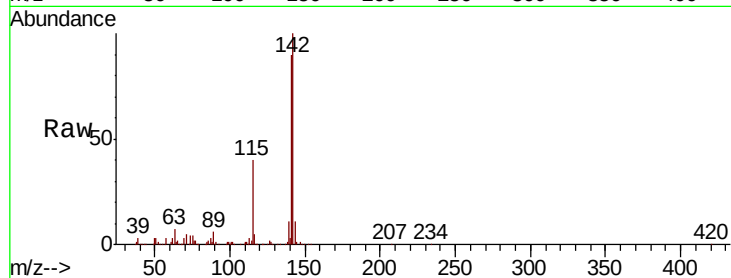
ClientSampleId :

PB129112BS

Tot Ion:	142	Resp:	452831
Ion Ratio	Lower	Upper	
142	100		
141	90.4	70.0	105.0
115	40.2	30.8	46.2

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#38

1-Methylnaphthalene

Concen: 47.467 ng

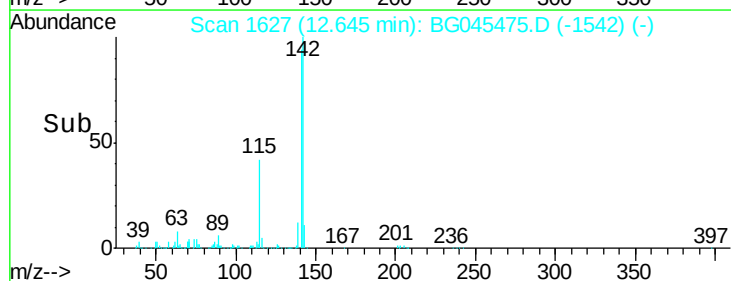
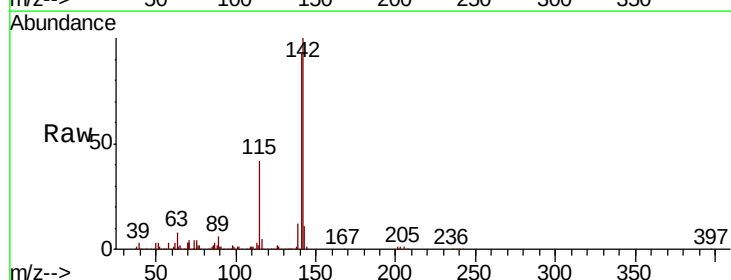
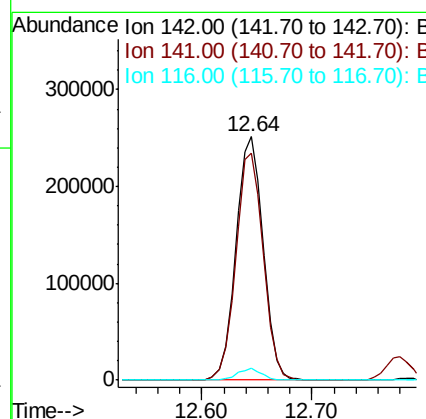
RT: 12.64 min Scan# 1627

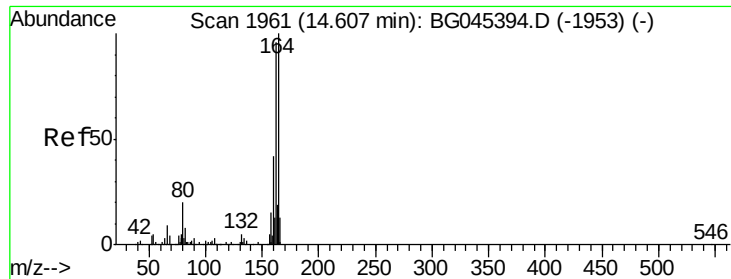
Delta R.T. -0.00 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

Tgt Ion:	142	Resp:	433616
Ion Ratio	Lower	Upper	
142	100		
141	93.3	70.8	106.2
116	4.8	3.0	4.6#





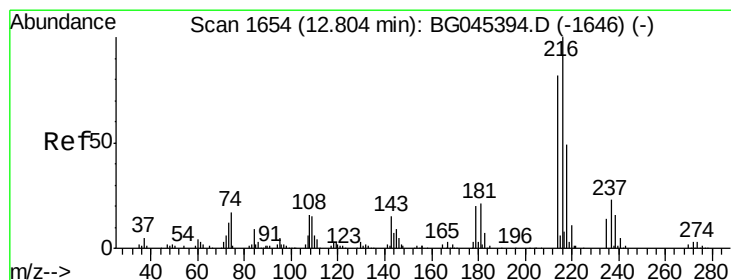
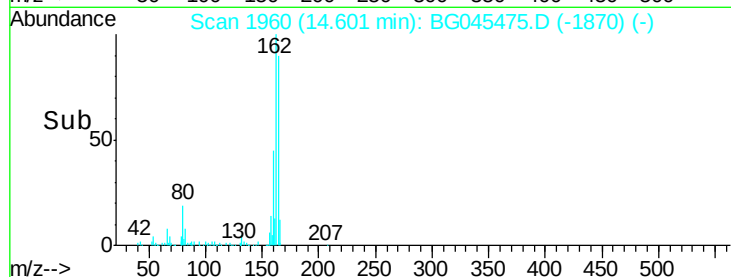
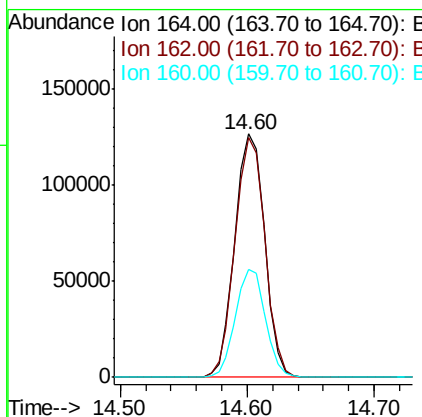
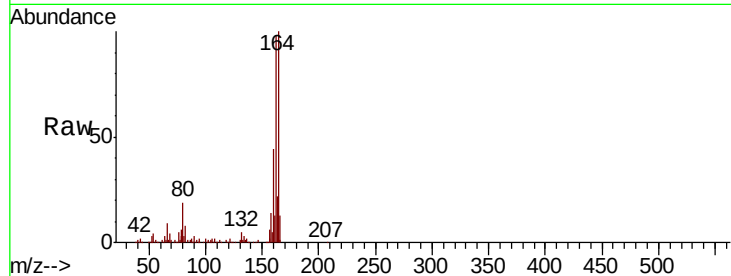
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.60 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Instrument :
BNA_G
ClientSampleId :
PB129112BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.3	76.9	115.3
160	44.3	33.8	50.8

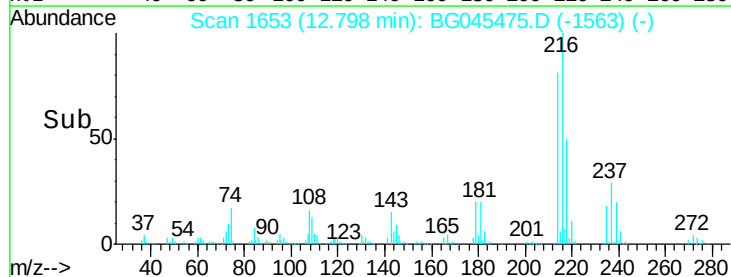
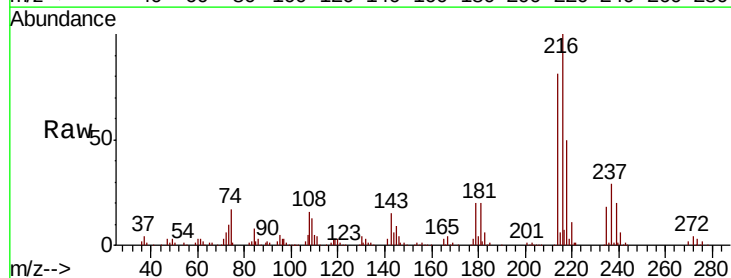
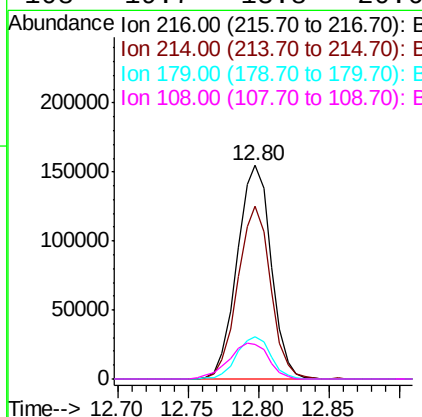
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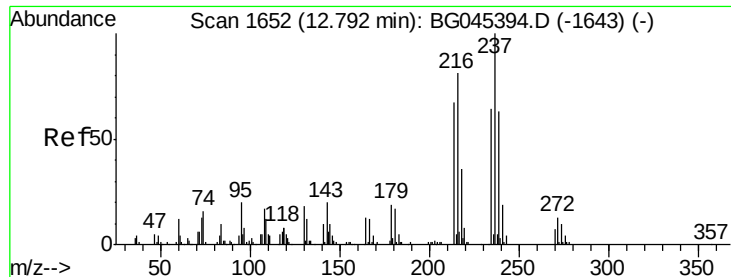
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.148 ng
RT: 12.80 min Scan# 1653
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.7	95.5
179	20.0	16.1	24.1
108	19.7	13.8	20.6





#41

Hexachlorocyclopentadiene

Concen: 106.589 ng

RT: 12.78 min Scan# 1650

Delta R.T. -0.00 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

Instrument :

BNA_G

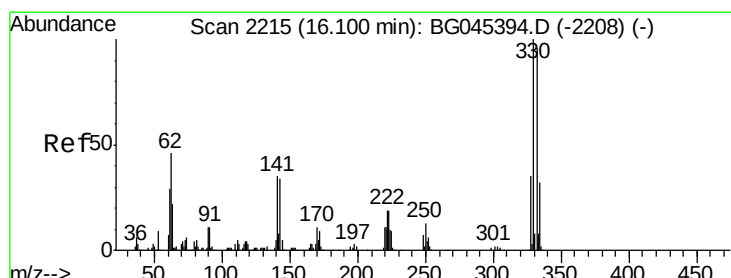
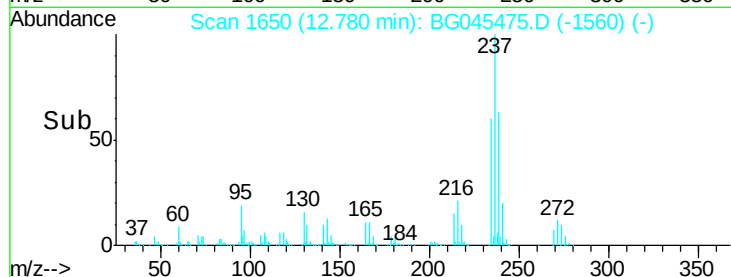
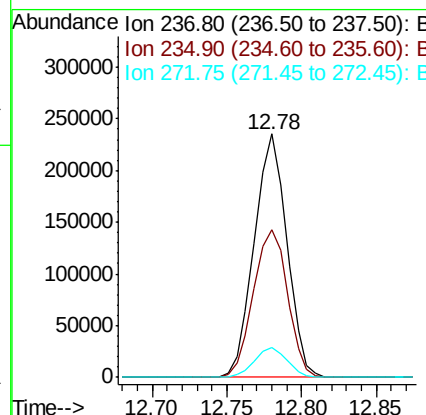
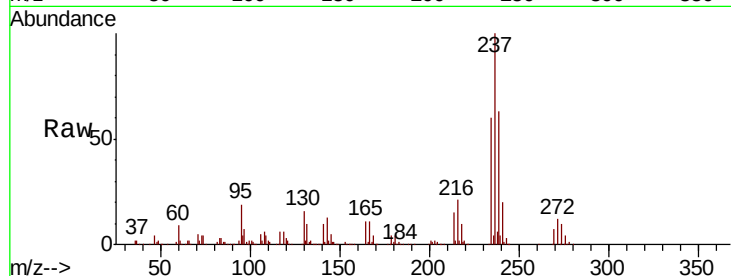
ClientSampleId :

PB129112BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	60.5	44.4	84.4	
272	12.2	0.0	32.5	

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#42

2,4,6-Tribromophenol

Concen: 141.607 ng

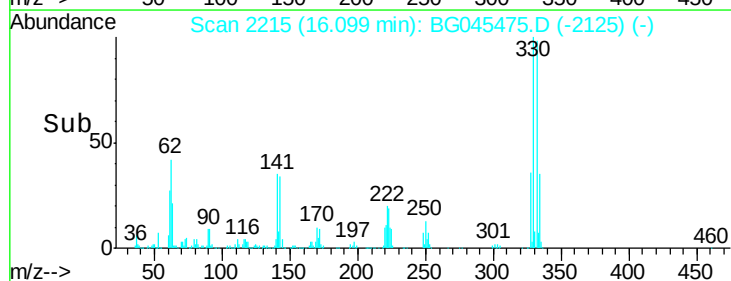
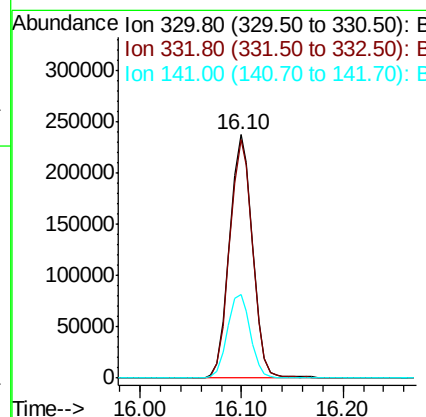
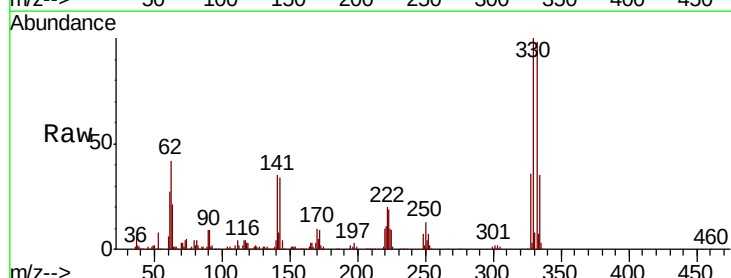
RT: 16.10 min Scan# 2215

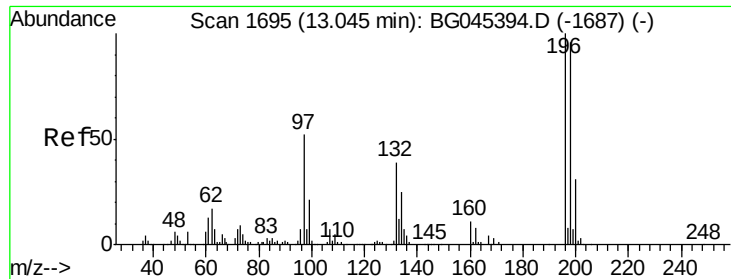
Delta R.T. -0.00 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.5	78.2	117.4	
141	34.4	28.2	42.4	





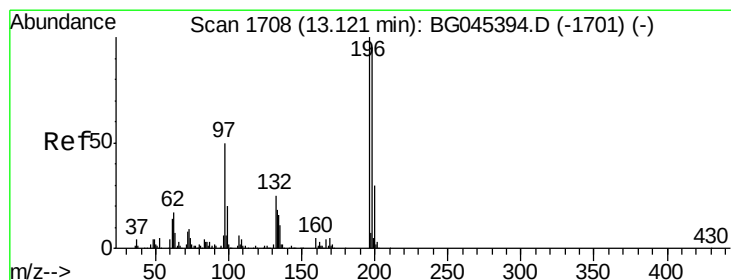
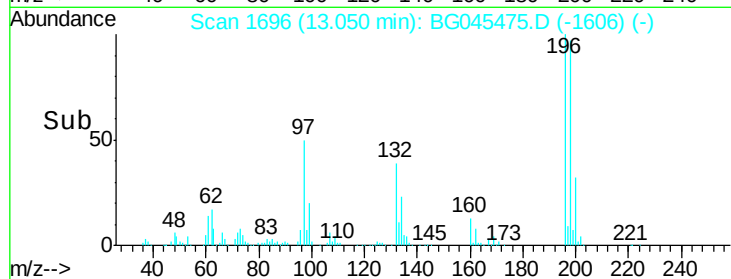
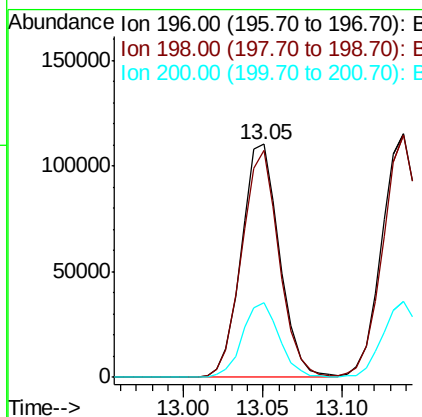
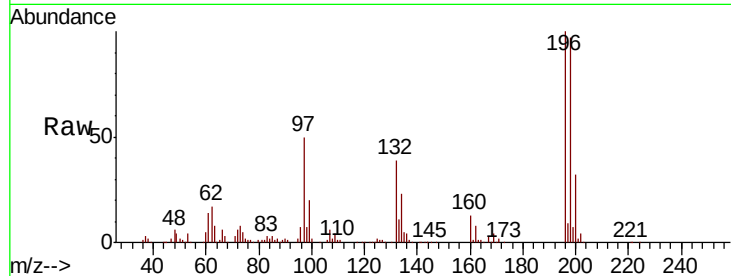
#43
 2,4,6-Trichlorophenol
 Concen: 45.953 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. -0.00 min
 Lab File: BG045475.D
 Acq: 27 May 2020 14:13

Instrument :
 BNA_G
 ClientSampleId :
 PB129112BS

Tot Ion:196	Resp:	184310
Ion Ratio	Lower	Upper
196	100	
198	97.1	76.7 115.1
200	31.7	24.9 37.3

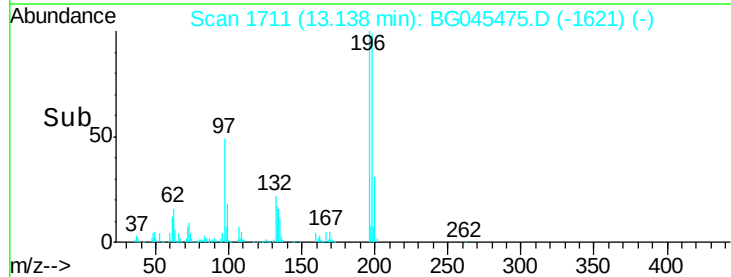
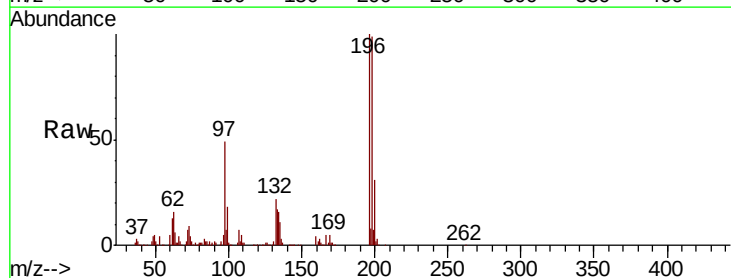
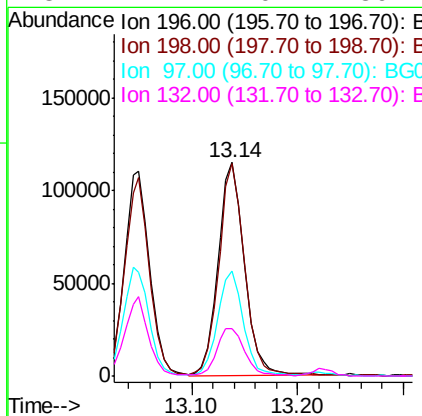
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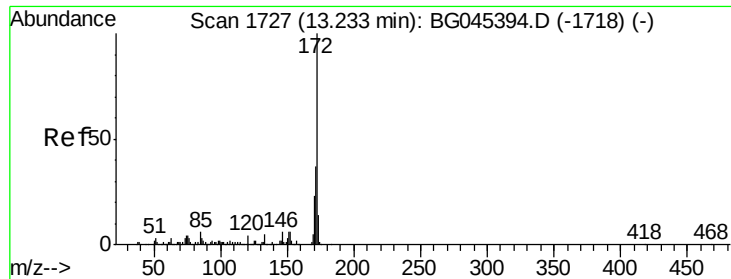
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 43.603 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG045475.D
 Acq: 27 May 2020 14:13

Tgt Ion:196	Resp:	199850
Ion Ratio	Lower	Upper
196	100	
198	99.3	76.1 114.1
97	49.2	40.0 60.0
132	22.2	20.2 30.2





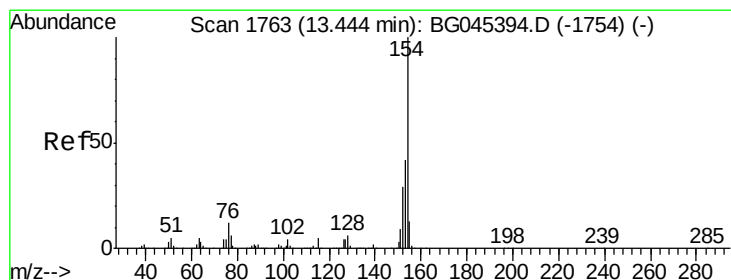
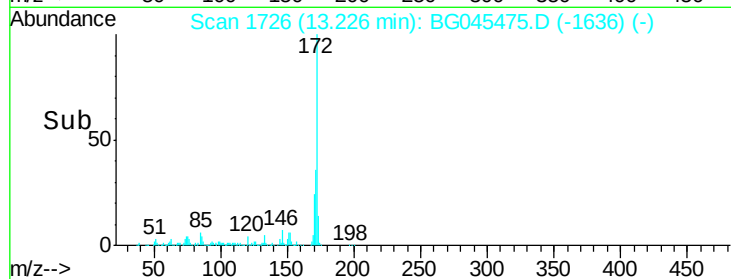
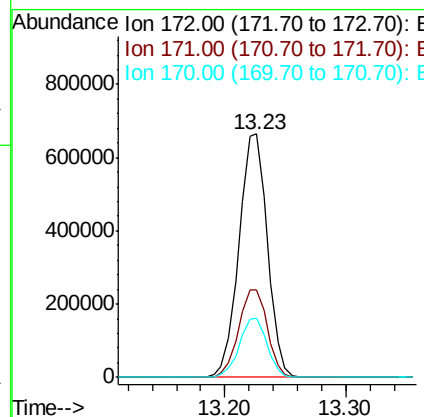
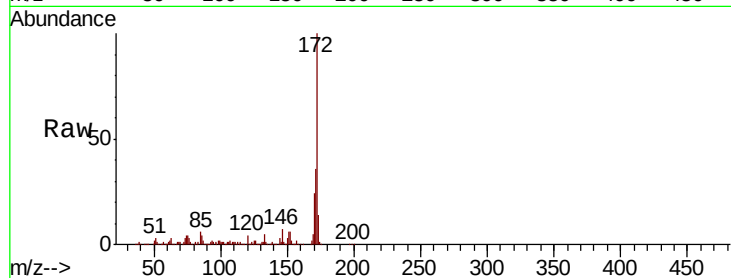
#45
2-Fluorobiphenyl
Concen: 89.493 ng
RT: 13.23 min Scan# 1726
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Instrument :
BNA_G
ClientSampleId :
PB129112BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.5	44.3
170	24.3	18.5	27.7

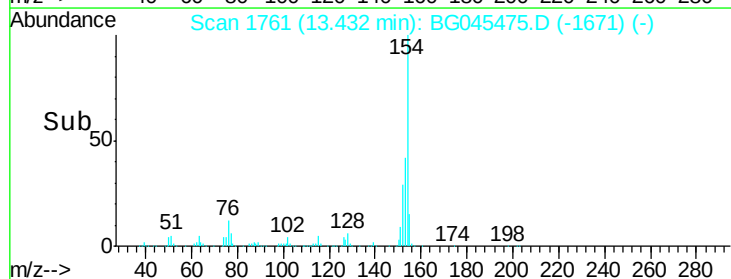
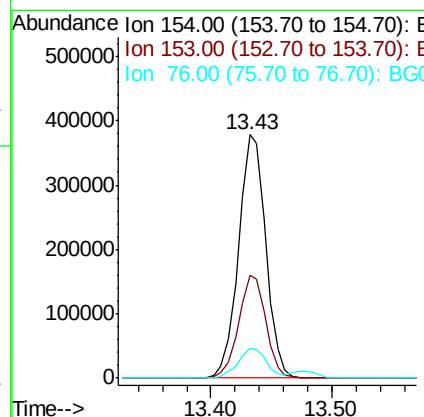
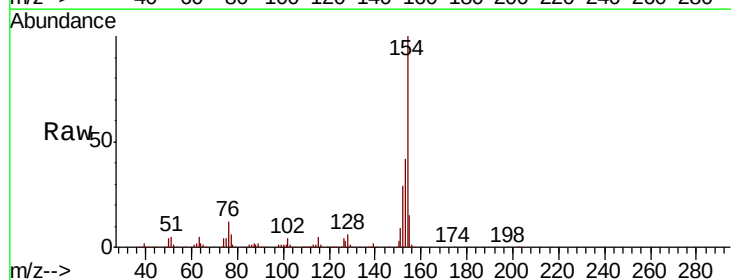
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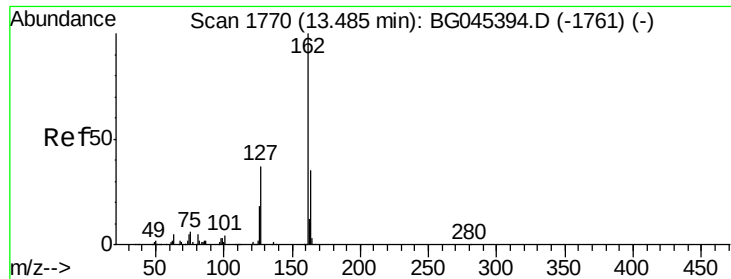
mohammad
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#46
1,1'-Biphenyl
Concen: 46.696 ng
RT: 13.43 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	22.2	62.2
76	12.1	0.0	32.4





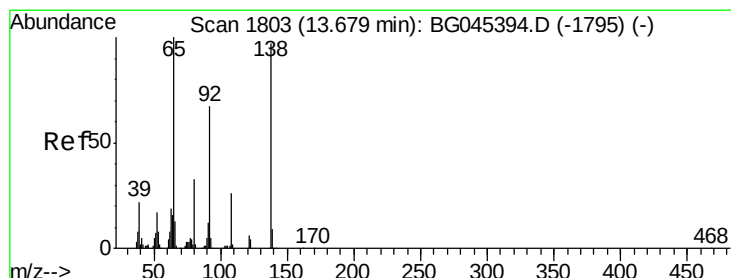
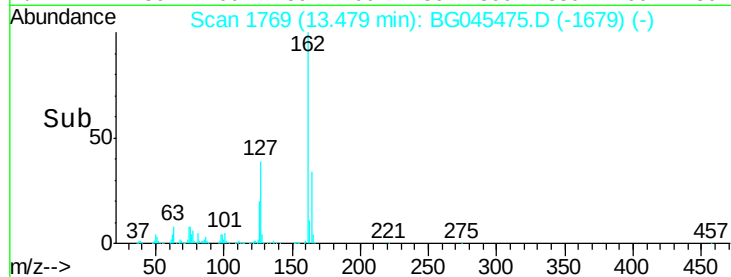
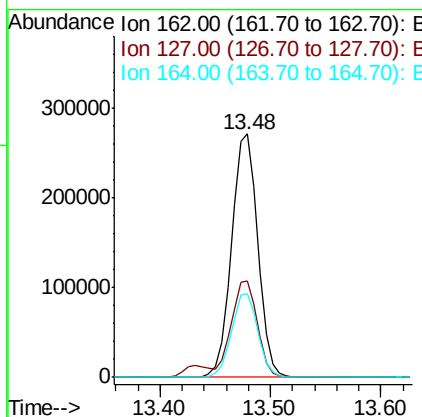
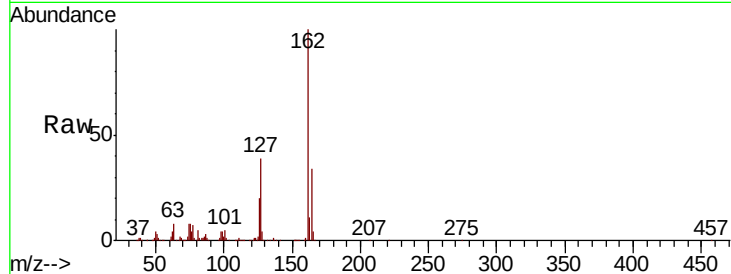
#47
2-Chloronaphthalene
Concen: 43.909 ng
RT: 13.48 min Scan# 1769
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Instrument :
BNA_G
ClientSampleId :
PB129112BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	452887		
127	39.4		31.6	47.4
164	34.5		28.1	42.1

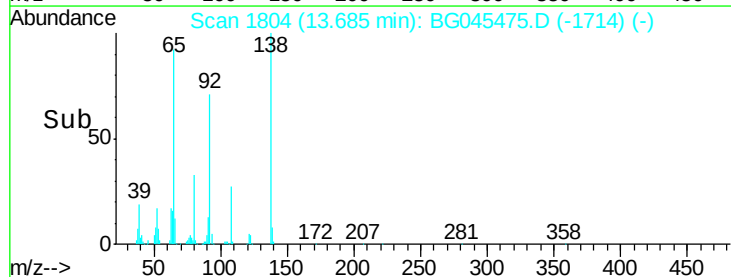
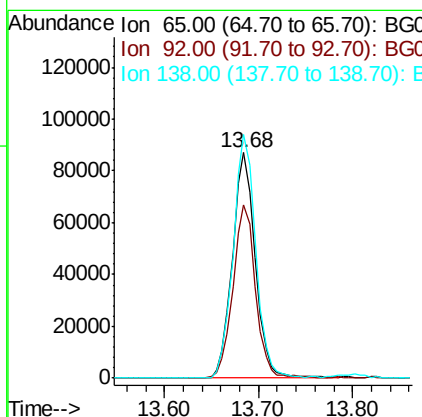
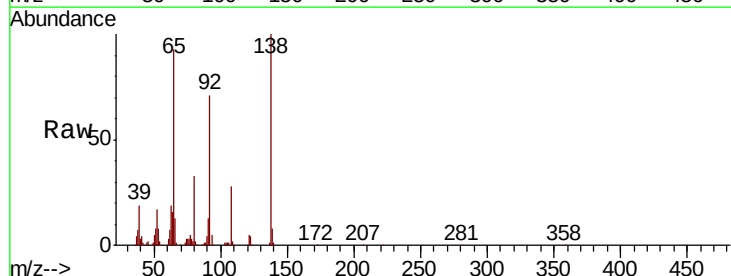
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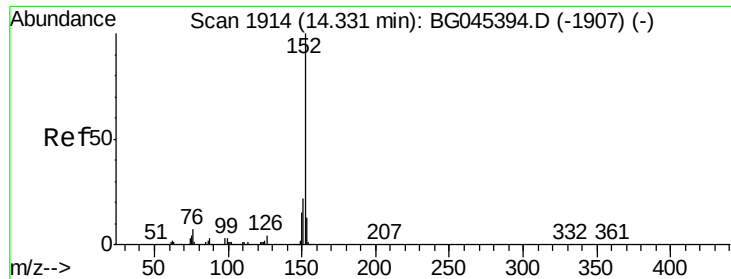
mohammad
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#48
2-Nitroaniline
Concen: 43.598 ng
RT: 13.68 min Scan# 1804
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	147920		
92	76.9		53.8	80.8
138	108.0		77.9	116.9





#49

Acenaphthylene

Concen: 46.502 ng

RT: 14.32 min Scan# 1913

Delta R.T. -0.00 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

Instrument :

BNA_G

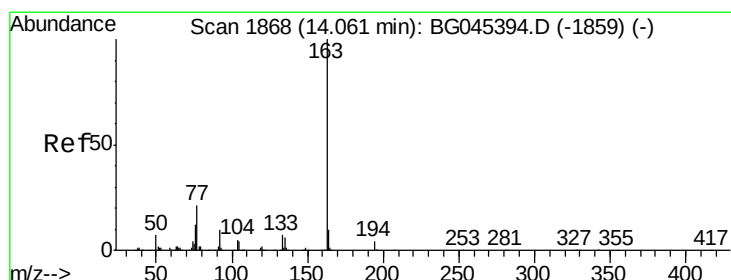
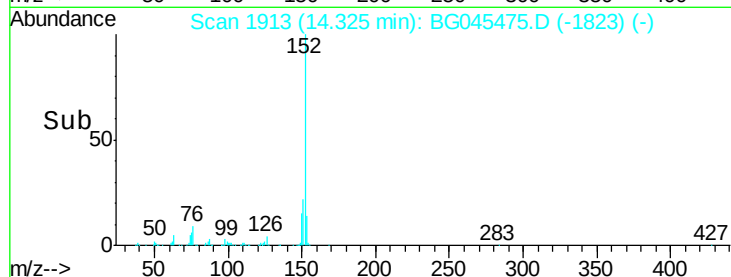
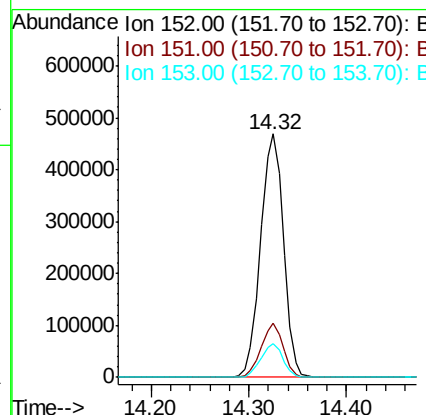
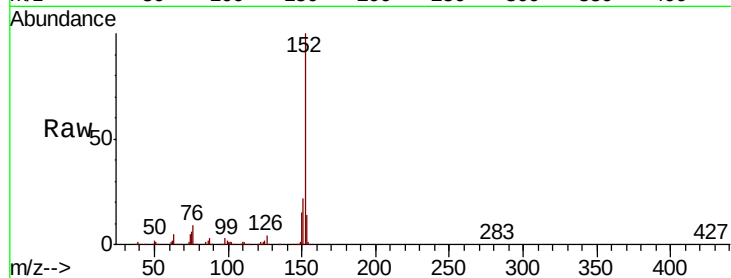
ClientSampleId :

PB129112BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.1	17.4	26.2
153	13.6	10.7	16.1

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#50

Dimethylphthalate

Concen: 45.496 ng

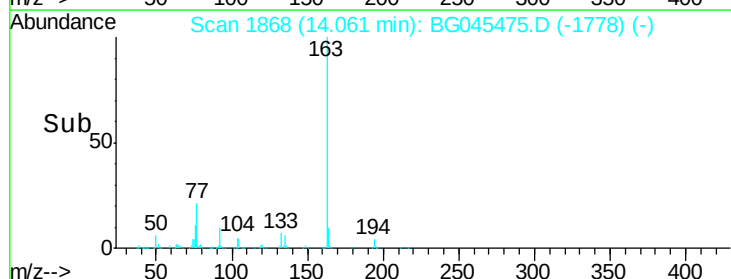
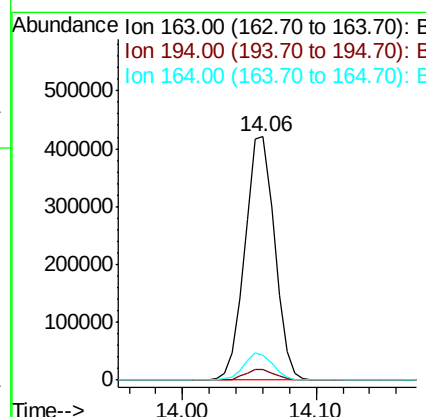
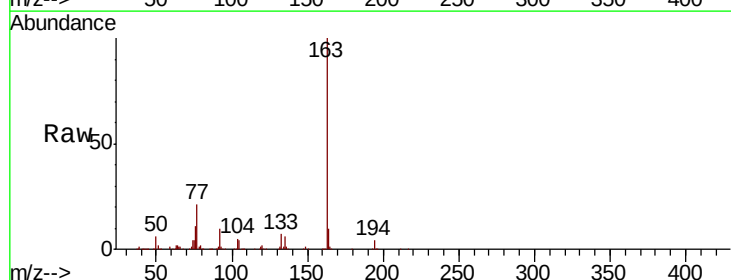
RT: 14.06 min Scan# 1868

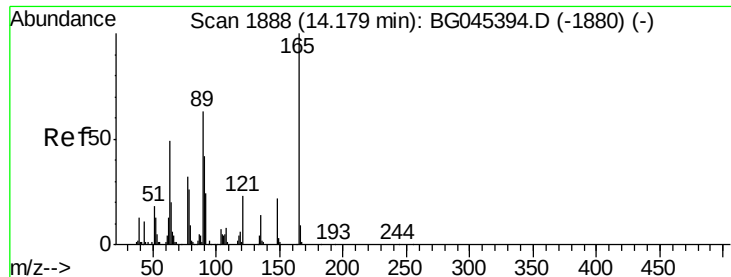
Delta R.T. -0.00 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.2	4.8
164	10.4	8.3	12.5





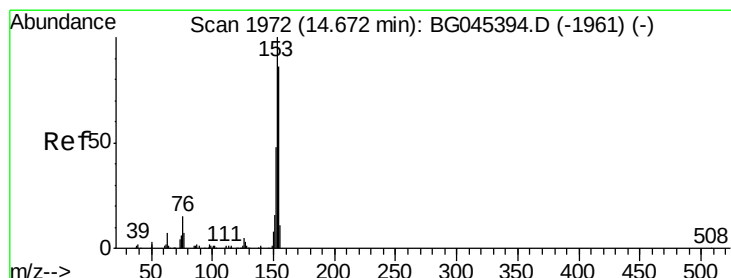
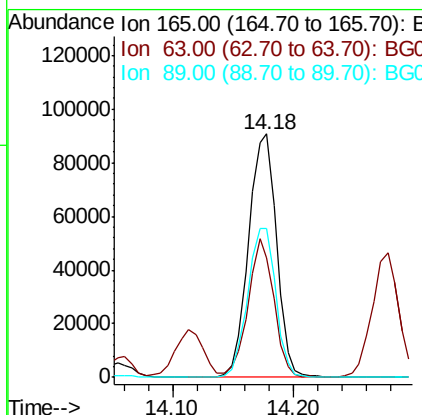
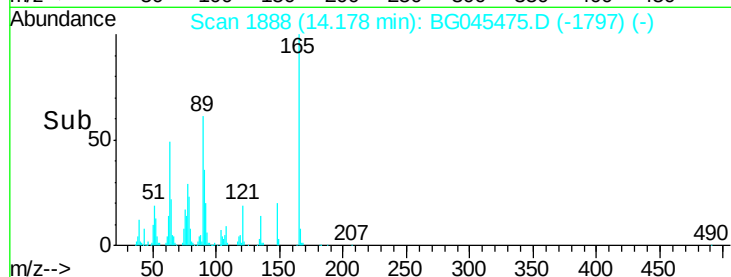
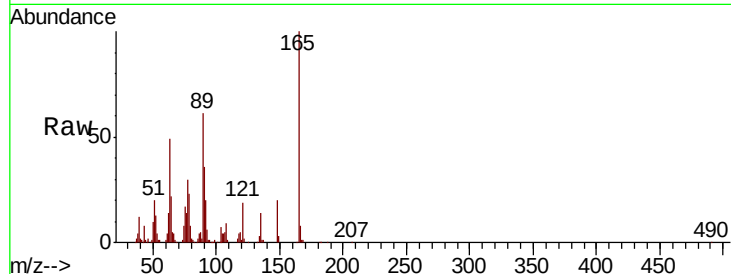
#51
 2,6-Dinitrotoluene
 Concen: 45.948 ng
 RT: 14.18 min Scan# 1888
 Delta R.T. 0.01 min
 Lab File: BG045475.D
 Acq: 27 May 2020 14:13

Instrument :
 BNA_G
 ClientSampleId :
 PB129112BS

Tot Ion:	165	Resp:	147025
Ion Ratio	Lower	Upper	
165	100		
63	49.1	45.0	67.4
89	60.9	50.2	75.4

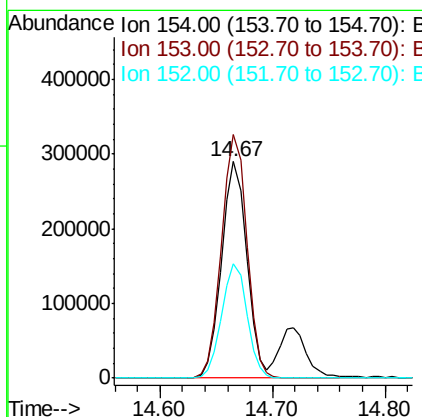
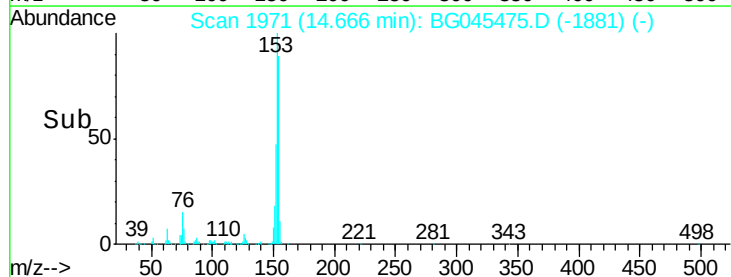
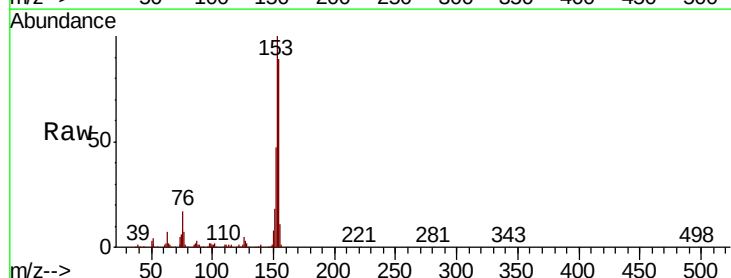
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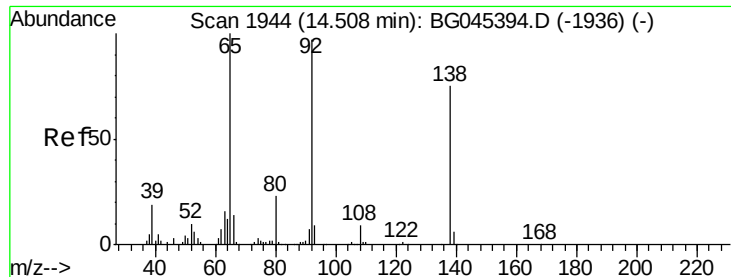
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#52
 Acenaphthene
 Concen: 50.879 ng m
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: BG045475.D
 Acq: 27 May 2020 14:13

Tgt Ion:	154	Resp:	564235
Ion Ratio	Lower	Upper	
154	100		
153	112.5	92.8	139.2
152	52.6	44.6	66.8





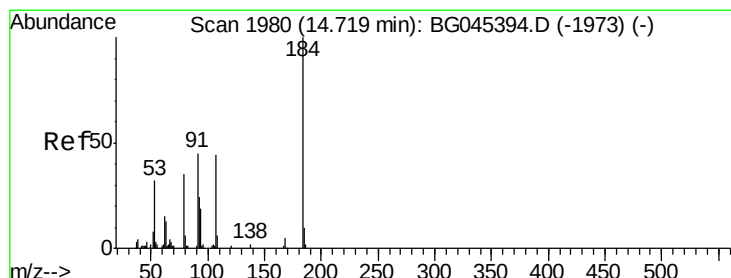
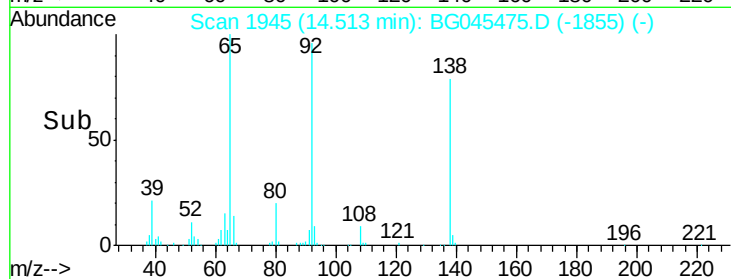
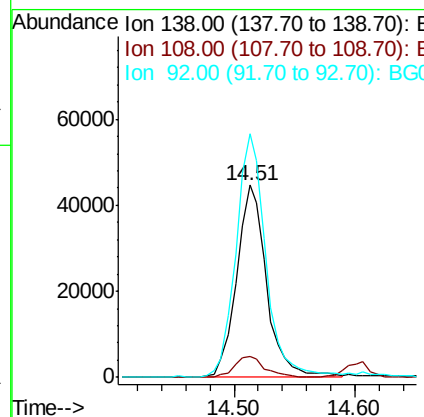
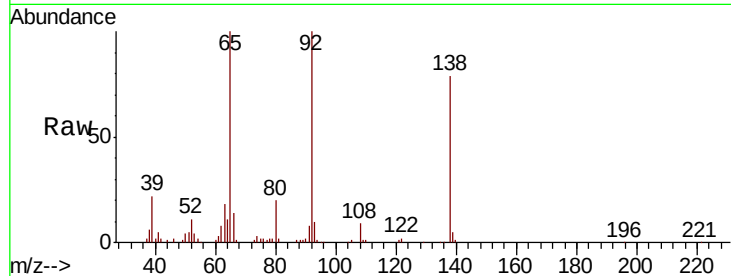
#53
 3-Nitroaniline
 Concen: 23.704 ng
 RT: 14.51 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: BG045475.D
 Acq: 27 May 2020 14:13

Instrument :
 BNA_G
 ClientSampleId :
 PB129112BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	9.8	14.6
92	126.9	103.0	154.4

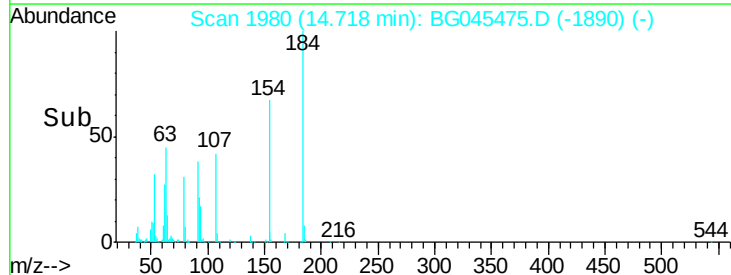
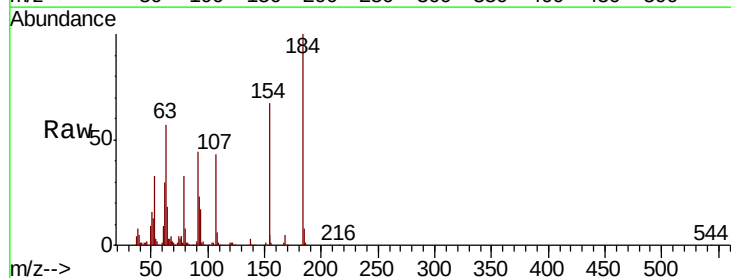
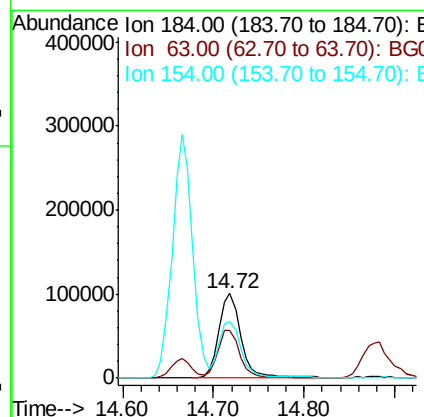
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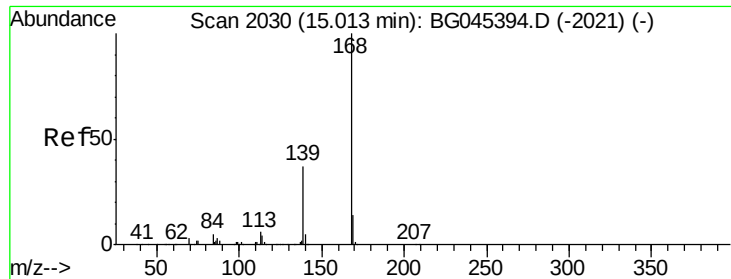
mohammad
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#54
 2,4-Dinitrophenol
 Concen: 82.360 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.00 min
 Lab File: BG045475.D
 Acq: 27 May 2020 14:13

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.9	47.8	71.6
154	66.8	58.3	87.5





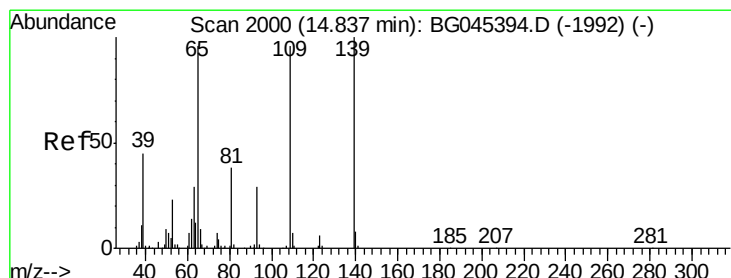
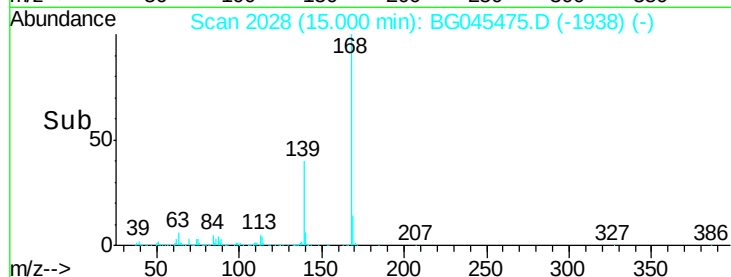
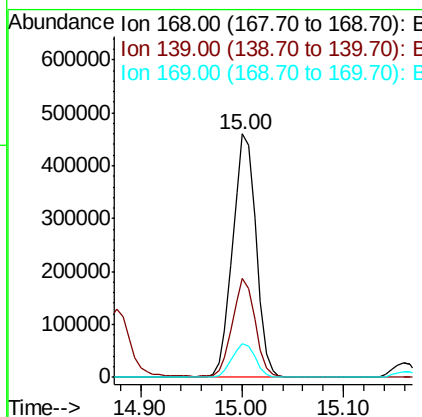
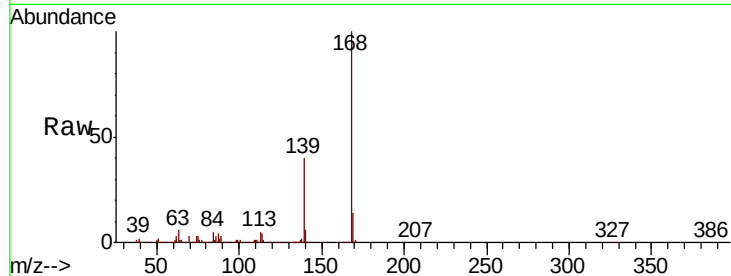
#55
Dibenzofuran
Concen: 44.950 ng
RT: 15.00 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Instrument :
BNA_G
ClientSampleId :
PB129112BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.4	29.9	44.9	
169	14.0	10.9	16.3	

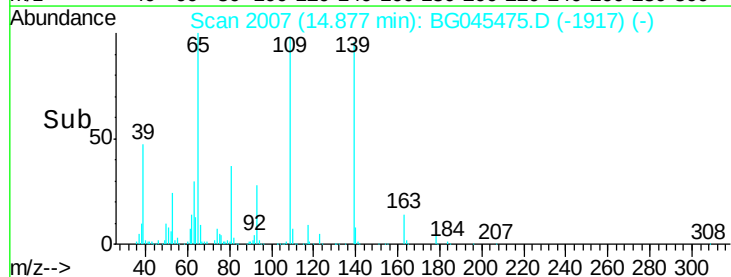
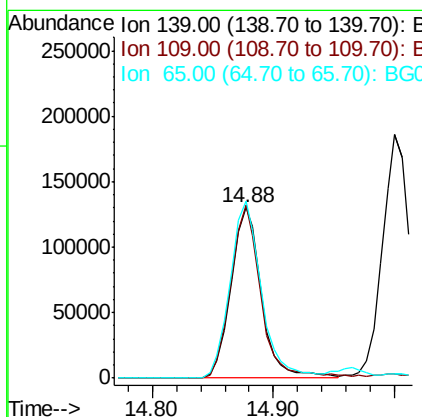
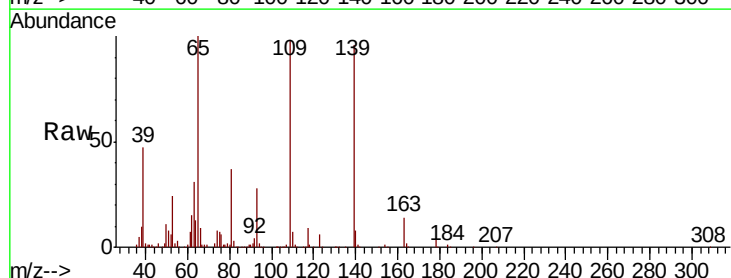
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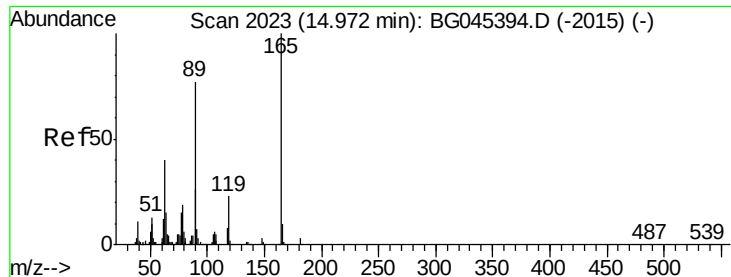
mohammad
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#56
4-Nitrophenol
Concen: 93.074 ng
RT: 14.88 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	101.8	75.6	115.6	
65	104.3	76.8	116.8	





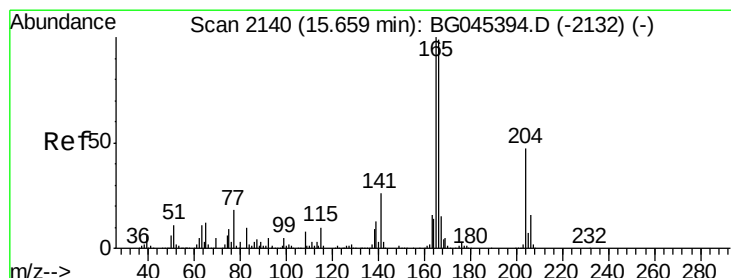
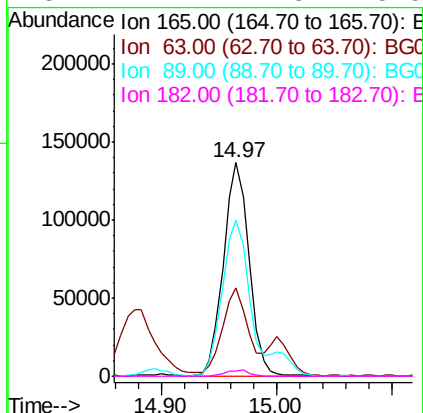
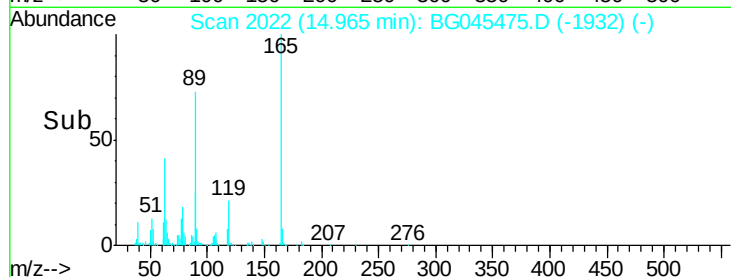
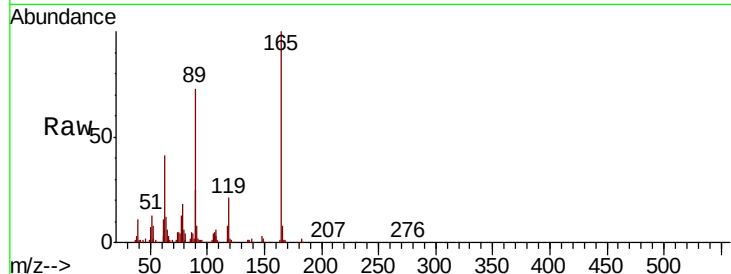
#57
2,4-Dinitrotoluene
Concen: 45.430 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Instrument :
BNA_G
ClientSampleId :
PB129112BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		210530		
63	41.2	32.5	48.7		
89	73.3	61.8	92.6		
182	2.4	2.3	3.5		

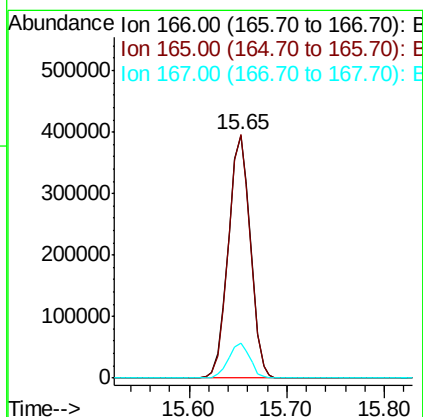
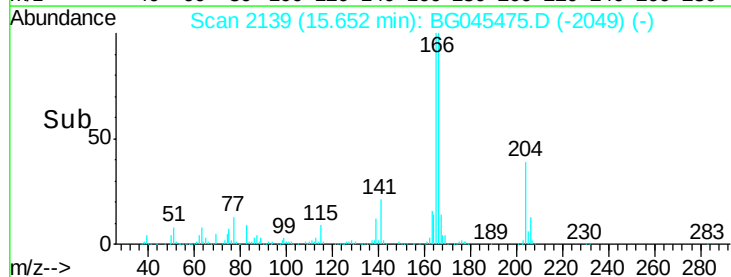
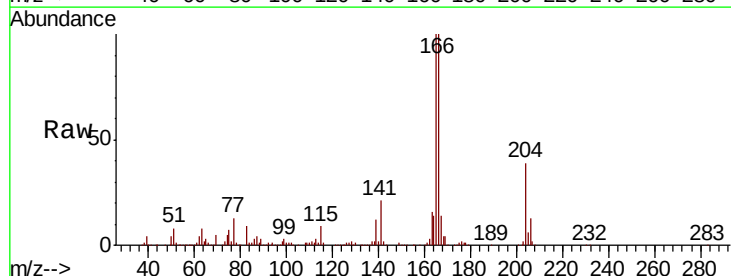
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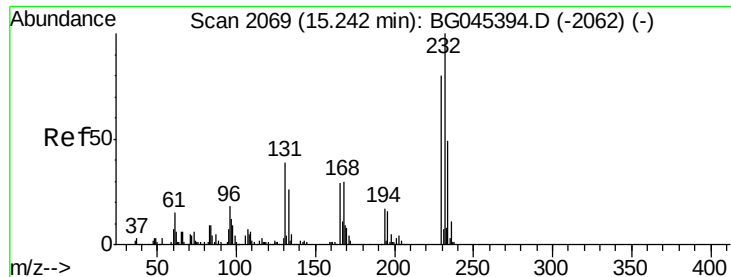
mohammad
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#58
Fluorene
Concen: 45.774 ng
RT: 15.65 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		619311		
165	100.5	80.8	121.2		
167	14.3	12.0	18.0		





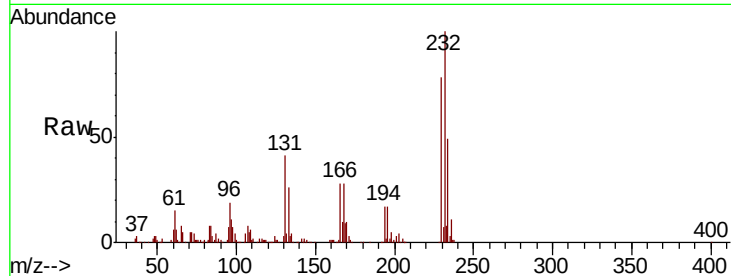
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.931 ng
 RT: 15.24 min Scan# 2069
 Delta R.T. -0.00 min
 Lab File: BG045475.D
 Acq: 27 May 2020 14:13

Instrument :
 BNA_G
 ClientSampleId :
 PB129112BS

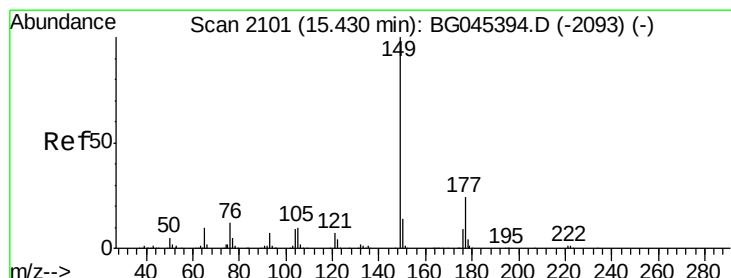
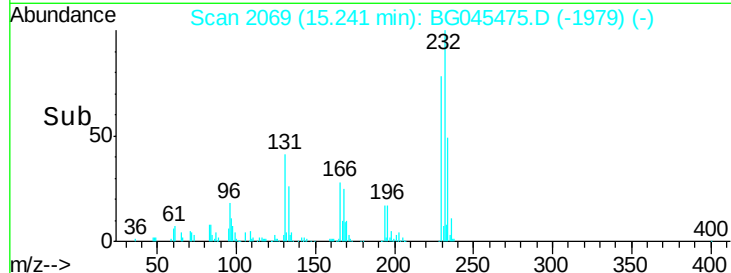
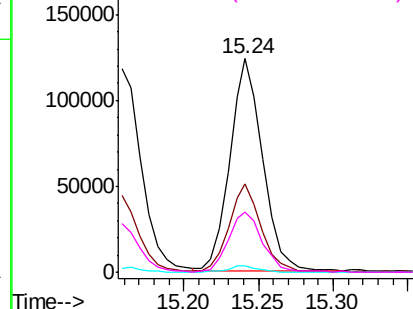
Tot Ion	Ratio	Resp	Lower	Upper
232	100	189243		
131	41.6	33.7	50.5	
130	2.9	2.1	3.1	
166	30.2	23.2	34.8	

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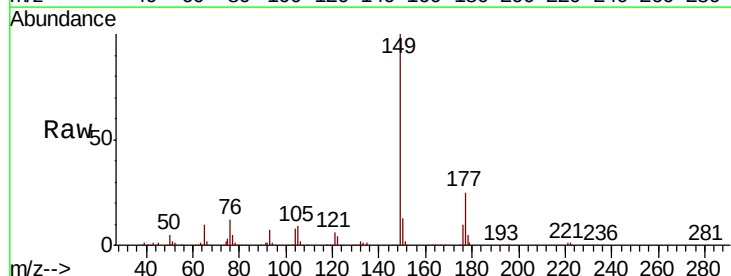


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

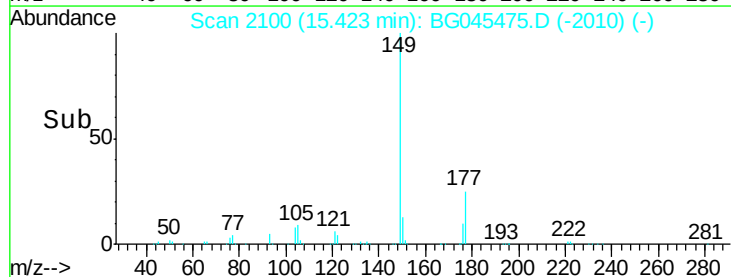
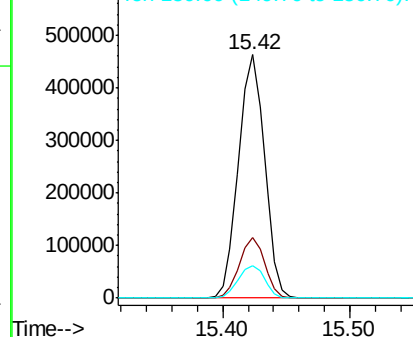


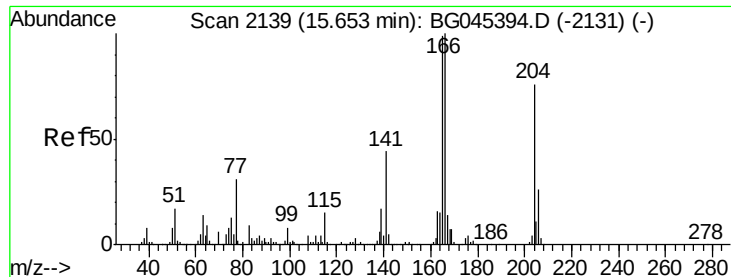
#60
 Diethylphthalate
 Concen: 44.708 ng
 RT: 15.42 min Scan# 2100
 Delta R.T. -0.00 min
 Lab File: BG045475.D
 Acq: 27 May 2020 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	659864		
177	24.6	19.0	28.4	
150	13.4	11.4	17.0	



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





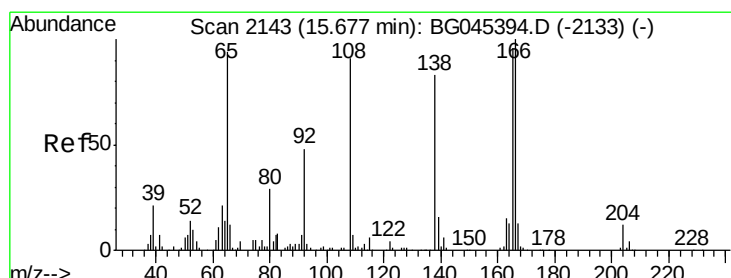
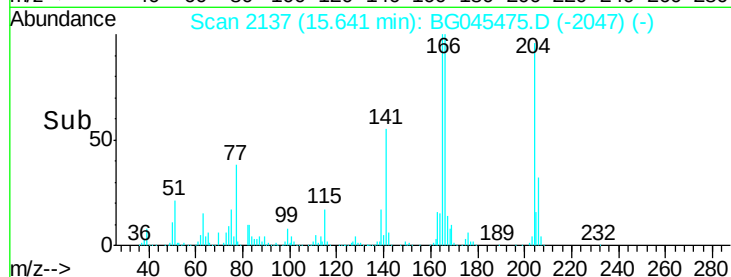
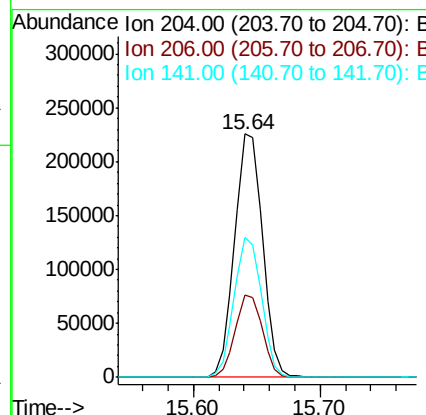
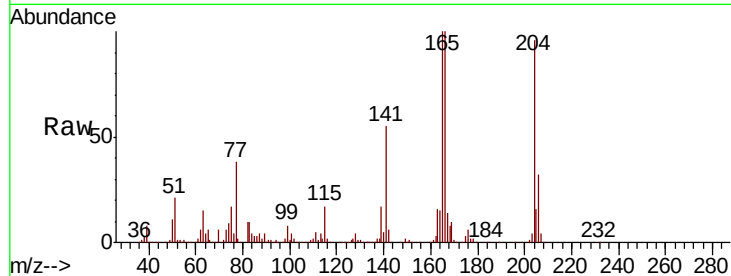
#61
4-Chlorophenyl-phenylether
Concen: 44.334 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Instrument :
BNA_G
ClientSampleId :
PB129112BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.9	27.3	40.9
141	57.4	45.9	68.9

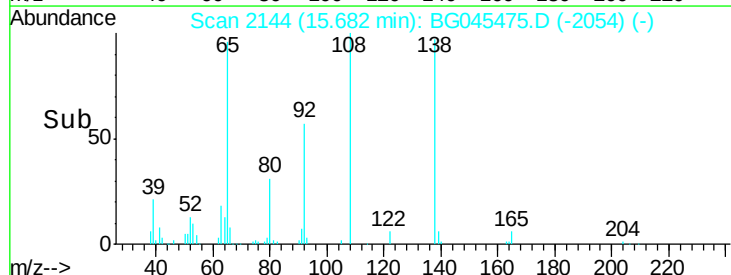
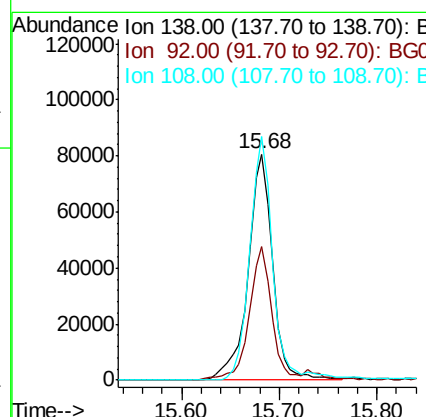
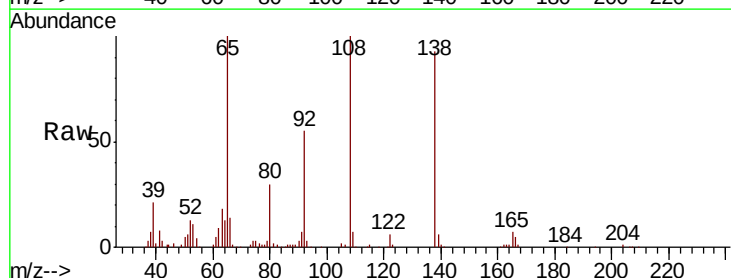
Manual Integrations
APPROVED

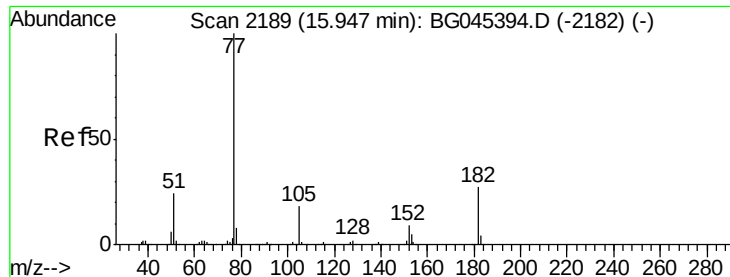
mohammad
5/29/2020 10:24:30 PM



#62
4-Nitroaniline
Concen: 42.000 ng
RT: 15.68 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.8	38.0	78.0
108	107.6	89.3	129.3





#63

Azobenzene

Concen: 44.997 ng

RT: 15.93 min Scan# 2187

Delta R.T. -0.00 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

Instrument :

BNA_G

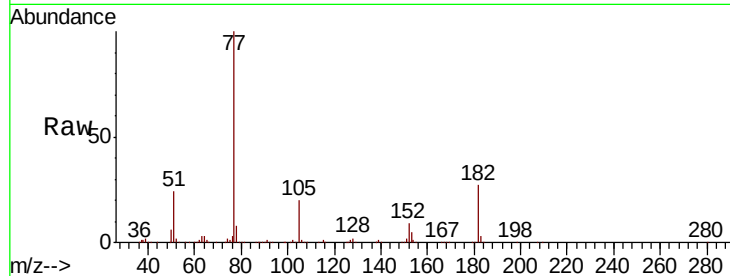
ClientSampleId :

PB129112BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.9	6.5	46.5	
105	19.6	0.0	37.9	
51	24.4	4.1	44.1	

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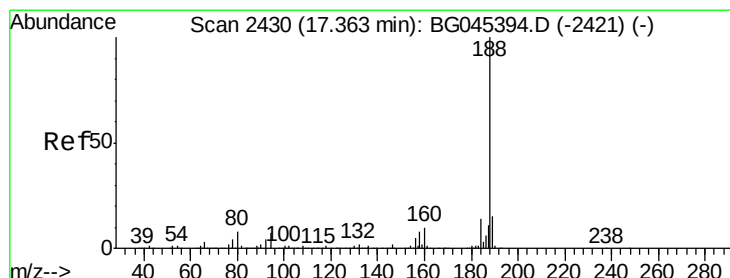
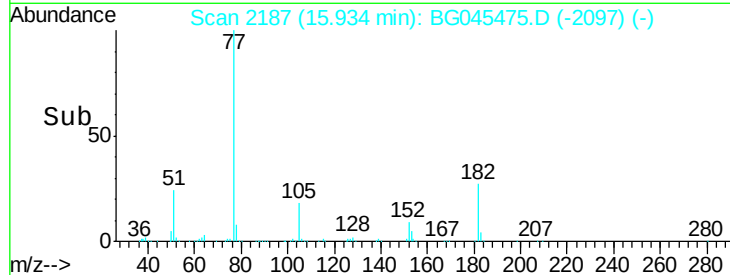
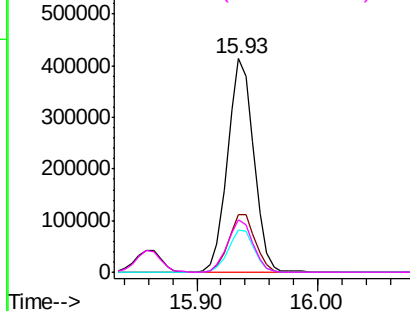


Abundance Ion 77.00 (76.70 to 77.70): BGC

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

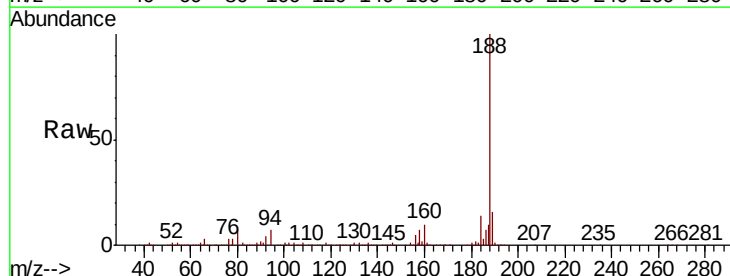
RT: 17.35 min Scan# 2428

Delta R.T. -0.00 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

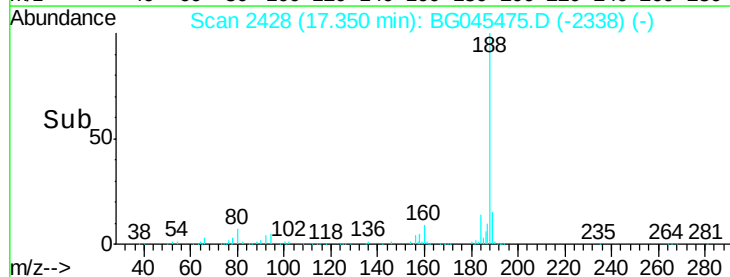
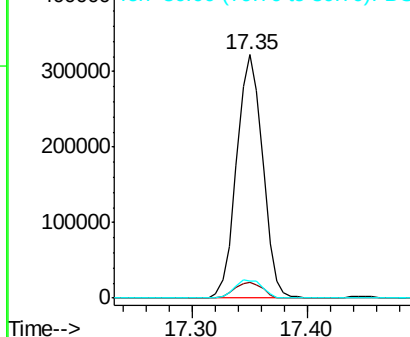
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	6.7	5.5	8.3	
80	7.3	6.6	10.0	

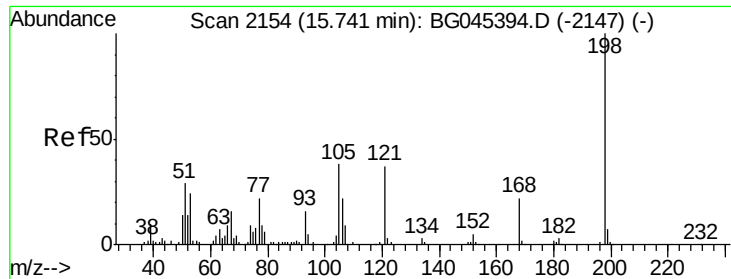


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 46.130 ng

RT: 15.73 min Scan# 2153

Delta R.T. -0.00 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

Instrument :

BNA_G

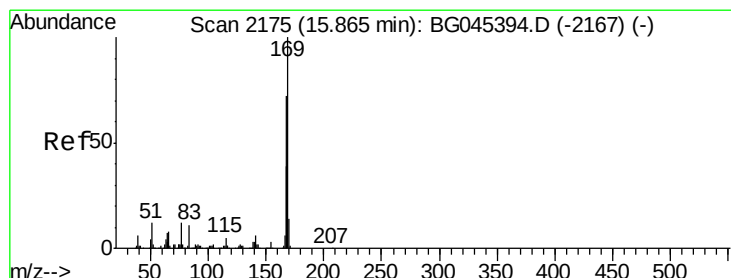
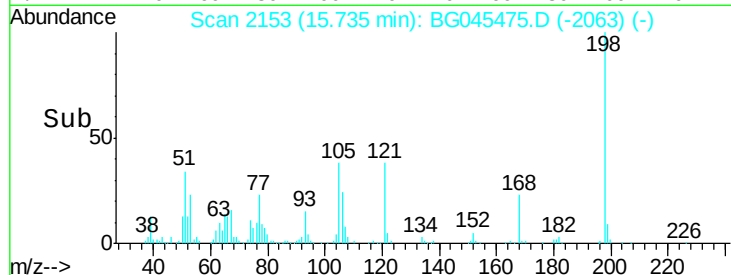
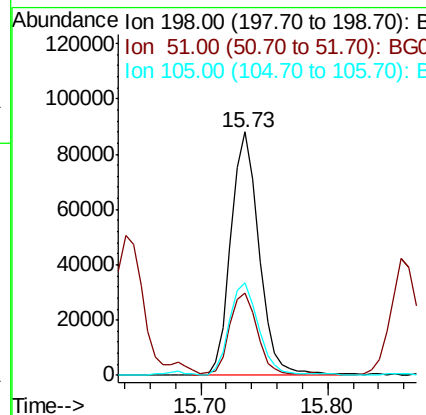
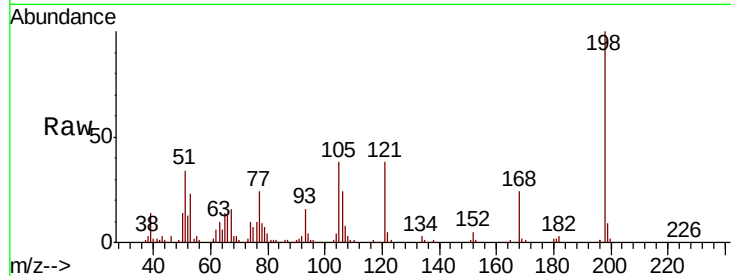
ClientSampled :

PB129112BS

Tot Ion:	198	Resp:	135593
Ion Ratio	Lower	Upper	
198	100		
51	34.0	10.0	50.0
105	38.1	18.9	58.9

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 45.957 ng

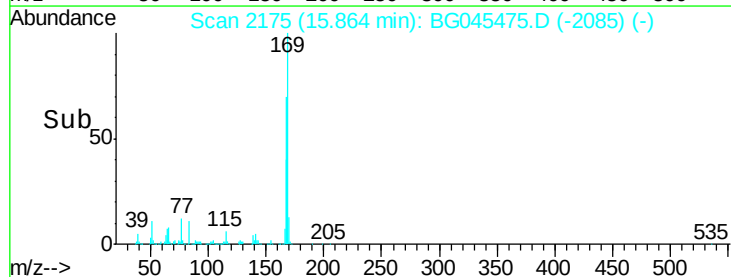
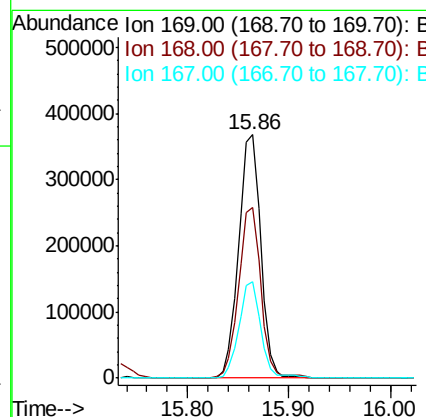
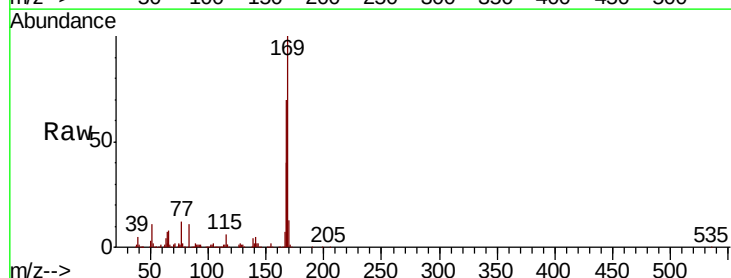
RT: 15.86 min Scan# 2175

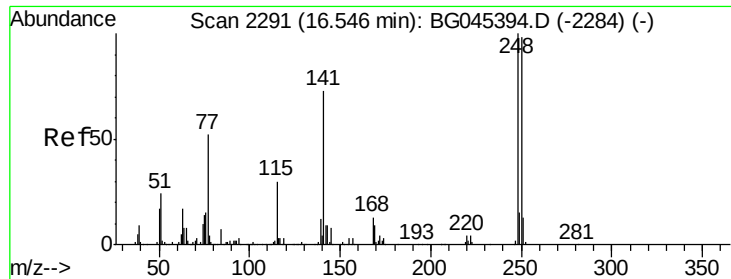
Delta R.T. -0.00 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

Tgt Ion:	169	Resp:	556908
Ion Ratio	Lower	Upper	
169	100		
168	70.3	57.8	86.6
167	39.5	31.5	47.3





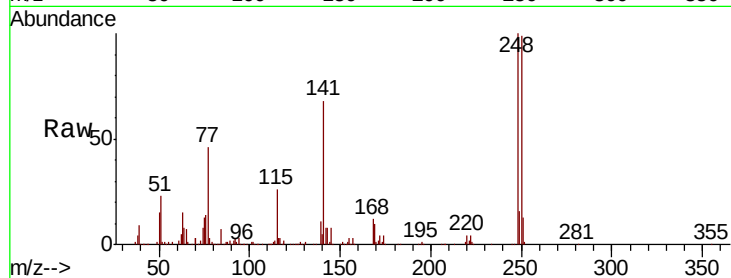
#67
4-Bromophenyl-phenylether
Concen: 43.789 ng
RT: 16.54 min Scan# 2290
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Instrument :
BNA_G
ClientSampleId :
PB129112BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.9	78.6	117.8
141	67.5	58.2	87.2

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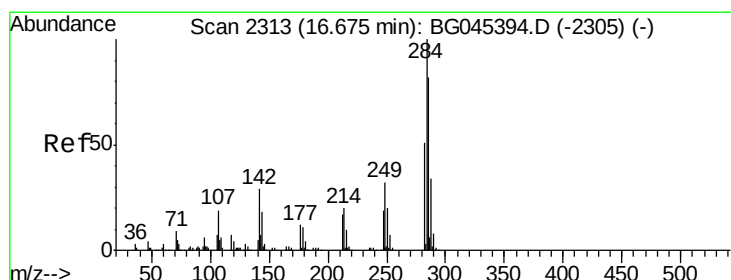
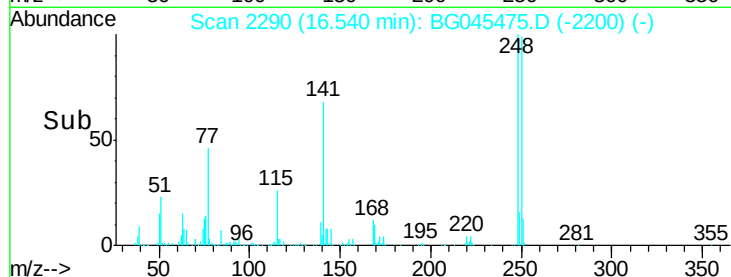
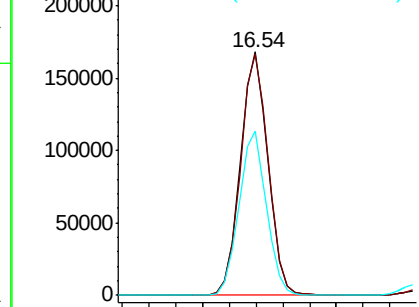


Abundance

Ion 248.00 (247.70 to 248.70): E

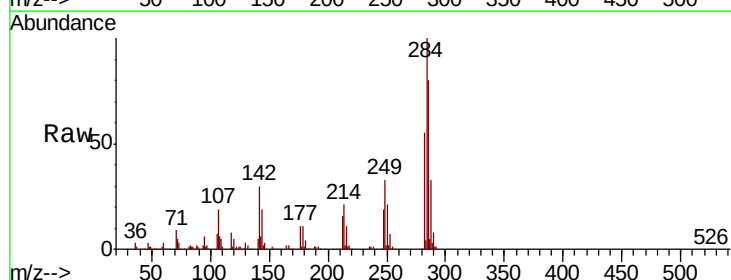
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 46.838 ng
RT: 16.66 min Scan# 2311
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.1	23.0	34.6
249	32.5	25.8	38.6

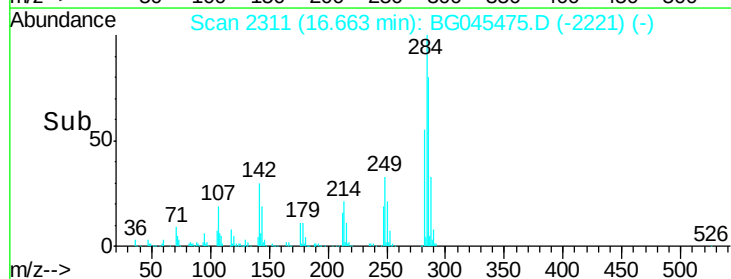
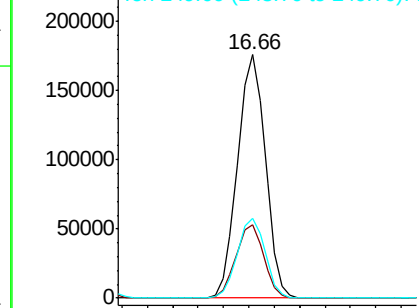


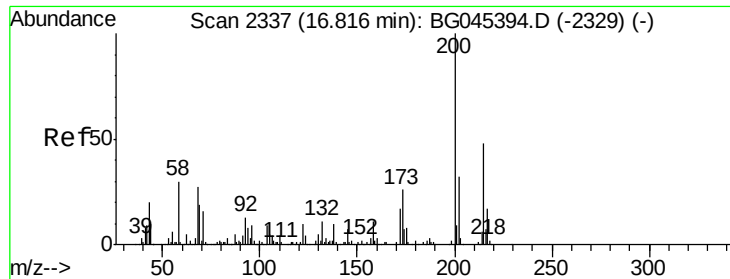
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





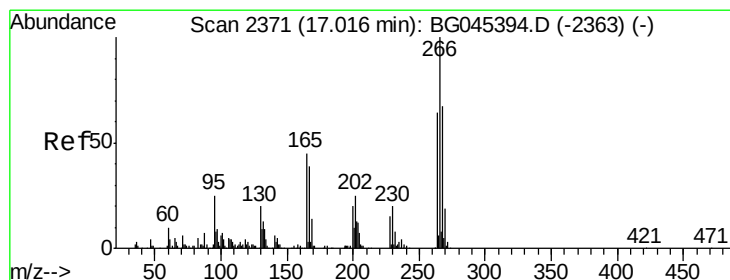
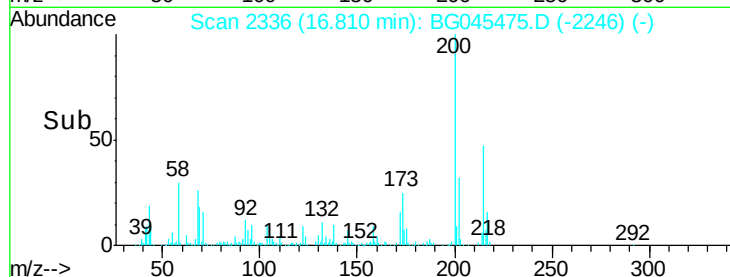
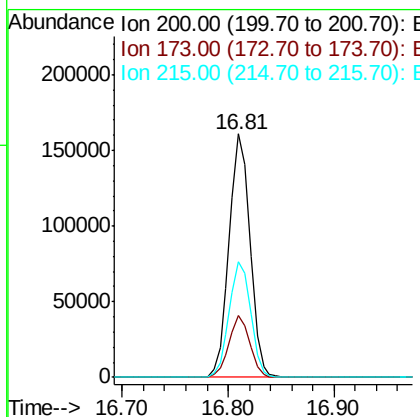
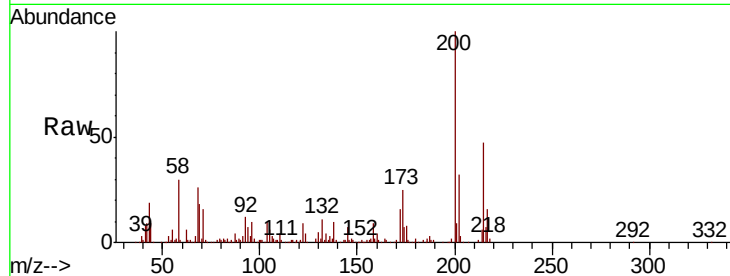
#69
Atrazine
Concen: 44.049 ng
RT: 16.81 min Scan# 2336
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Instrument :
BNA_G
ClientSampleId :
PB129112BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	219859		
173	25.2		5.5	45.5
215	47.4		28.2	68.2

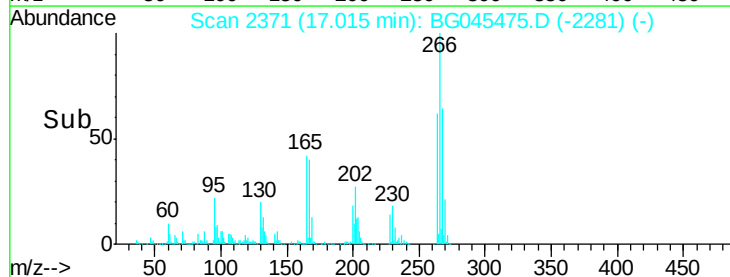
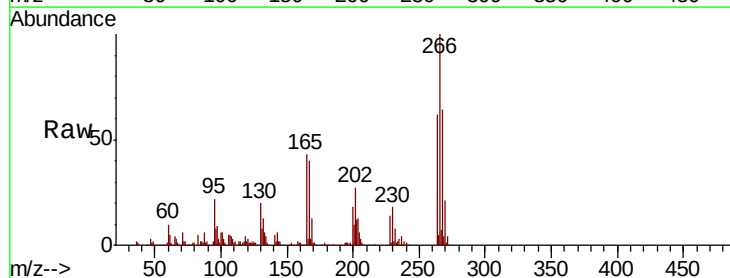
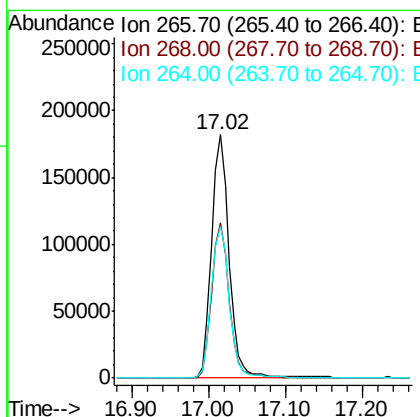
Manual Integrations
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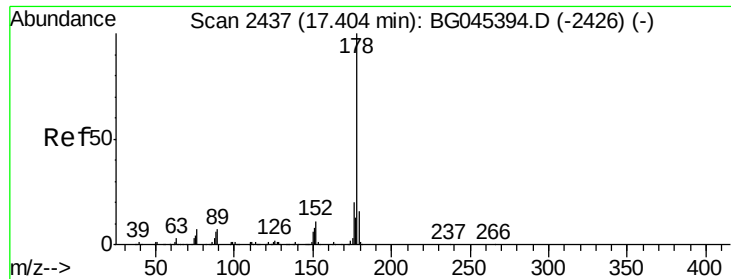
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#70
Pentachlorophenol
Concen: 96.536 ng
RT: 17.02 min Scan# 2371
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	286519		
268	63.7		53.2	79.8
264	62.2		51.0	76.4





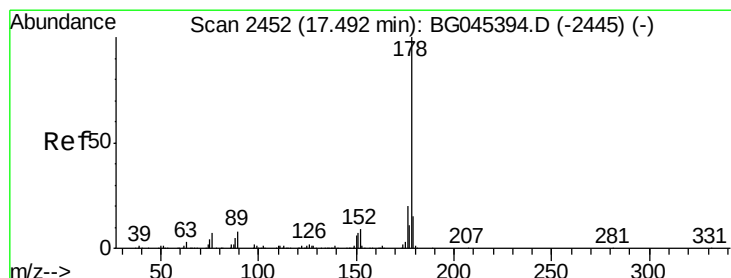
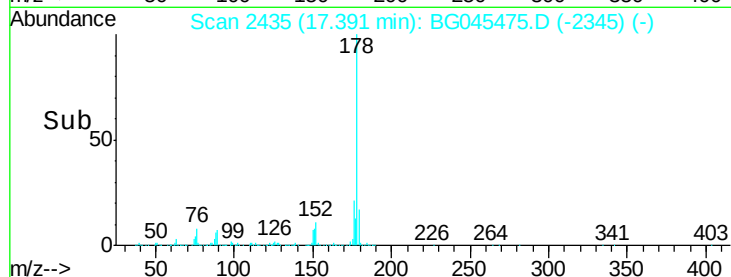
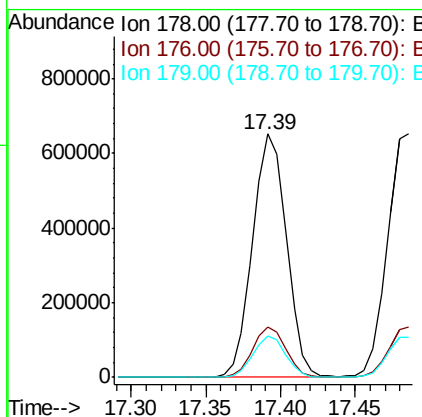
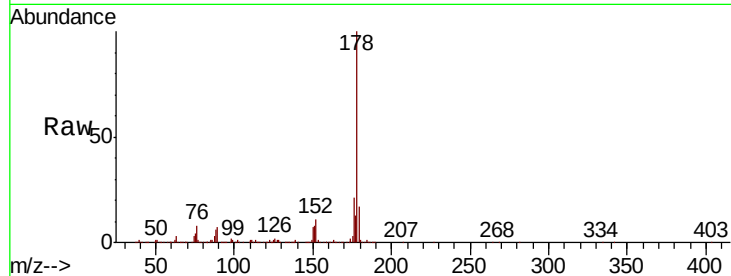
#71
Phenanthrene
Concen: 46.499 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Instrument :
BNA_G
ClientSampleId :
PB129112BS

Tot Ion:178 Resp: 1024513
Ion Ratio Lower Upper
178 100
176 20.8 16.2 24.4
179 17.2 13.1 19.7

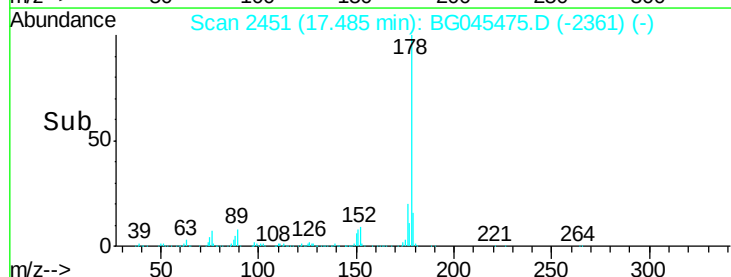
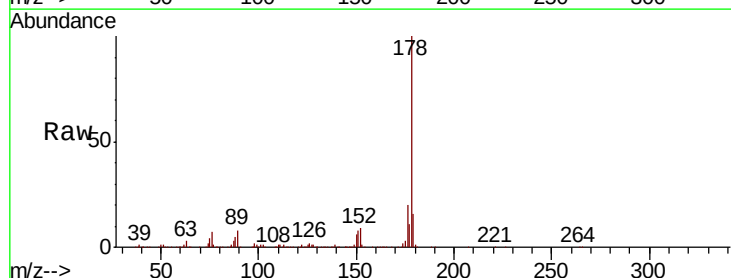
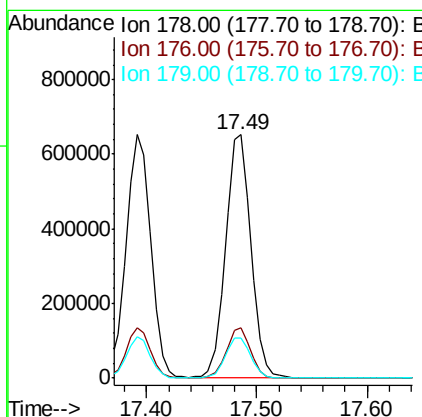
Manual Integrations
APPROVED

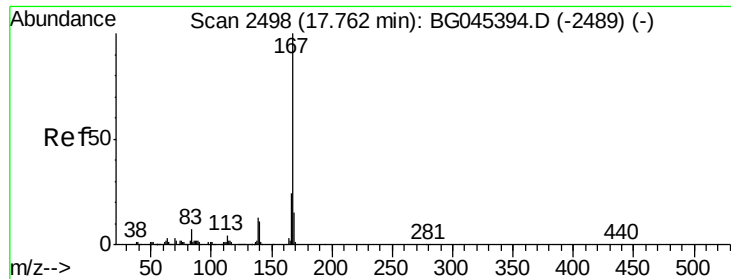
mohammad
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#72
Anthracene
Concen: 47.347 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Tgt Ion:178 Resp: 1047608
Ion Ratio Lower Upper
178 100
176 20.5 15.8 23.6
179 16.3 12.2 18.4





#73

Carbazole

Concen: 44.722 ng

RT: 17.76 min Scan# 2498

Delta R.T. -0.00 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

Instrument :

BNA_G

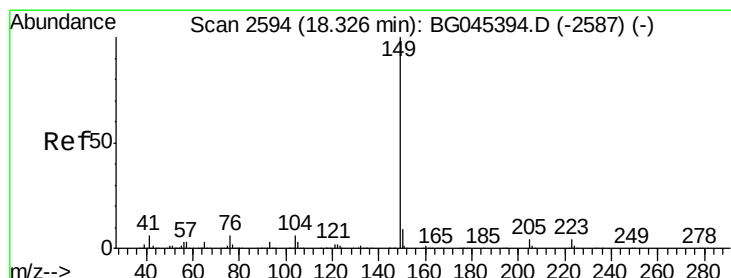
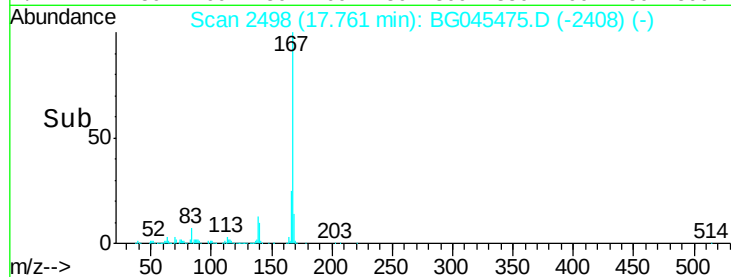
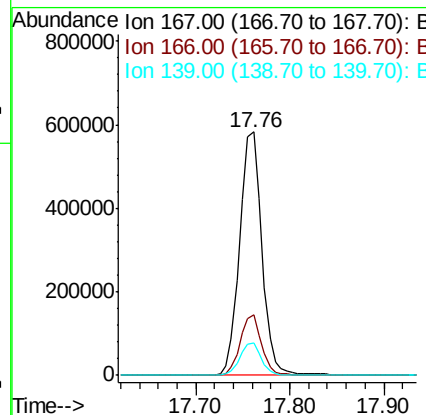
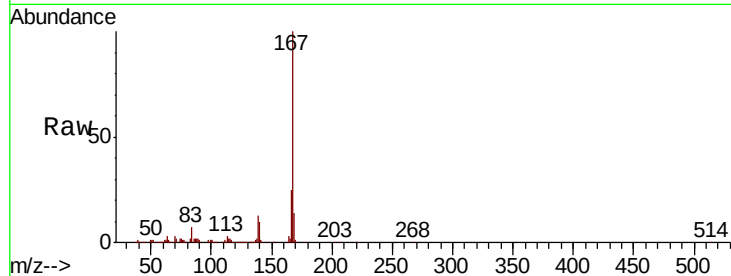
ClientSampleId :

PB129112BS

Tot Ion:	167	Resp:	964566
Ion Ratio	Lower	Upper	
167	100		
166	24.7	19.2	28.8
139	13.4	10.6	16.0

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#74

Di-n-butylphthalate

Concen: 45.028 ng

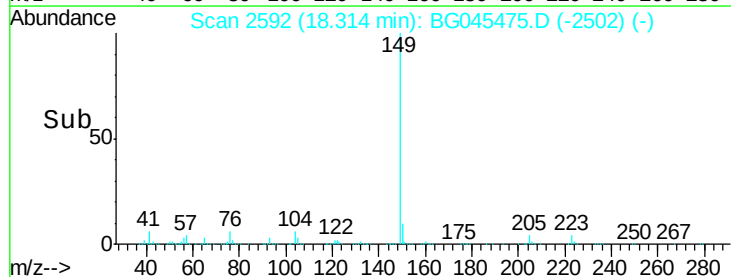
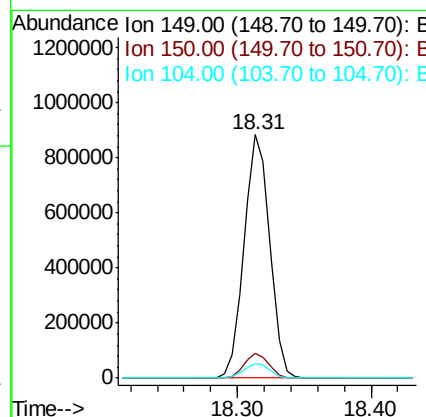
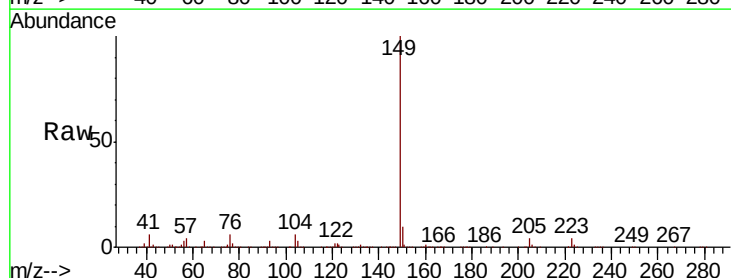
RT: 18.31 min Scan# 2592

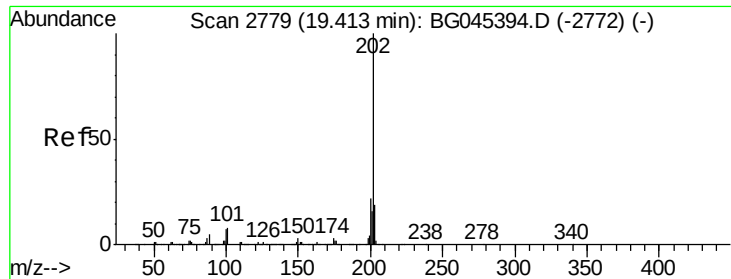
Delta R.T. -0.00 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

Tgt Ion:	149	Resp:	1165632
Ion Ratio	Lower	Upper	
149	100		
150	10.1	7.6	11.4
104	6.2	5.0	7.4





#75

Fluoranthene

Concen: 46.046 ng

RT: 19.40 min Scan# 2777

Delta R.T. -0.00 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

Instrument :

BNA_G

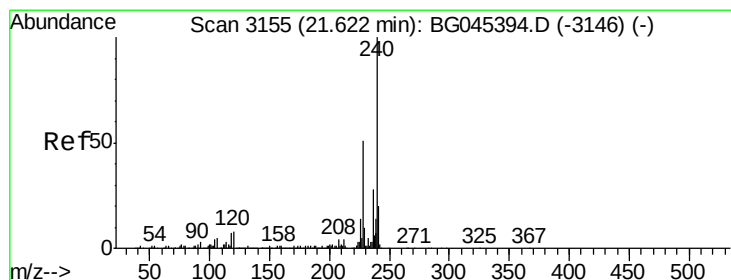
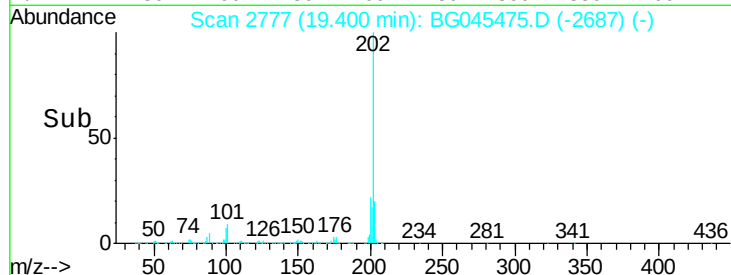
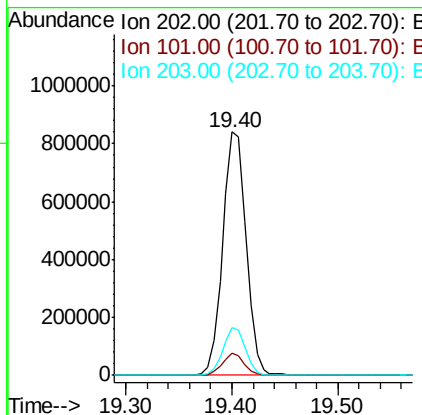
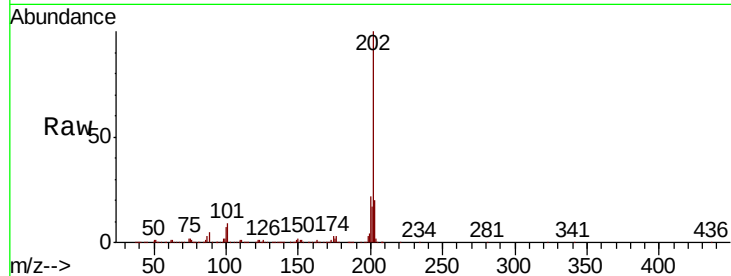
ClientSampled :

PB129112BS

Tot Ion:	202	Resp:	1290428
Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	28.3
203	19.7	0.0	39.0

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#76

Chrysene-d12

Concen: 20.000 ng

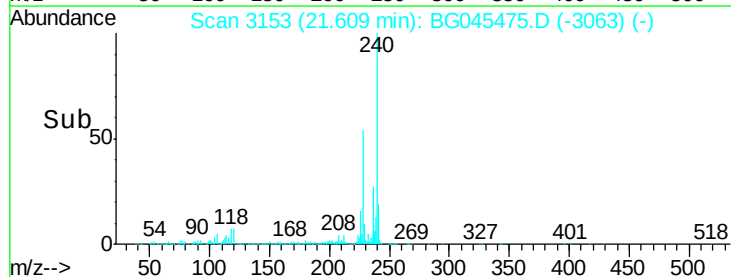
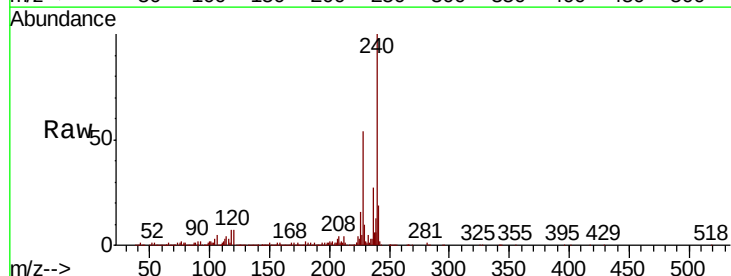
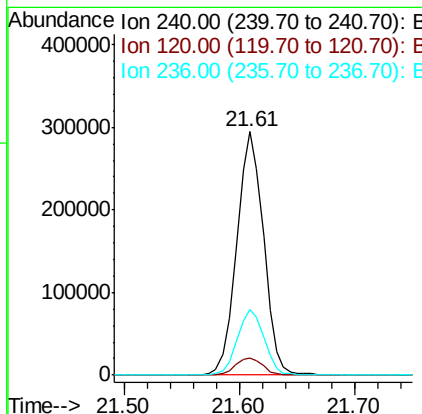
RT: 21.61 min Scan# 3153

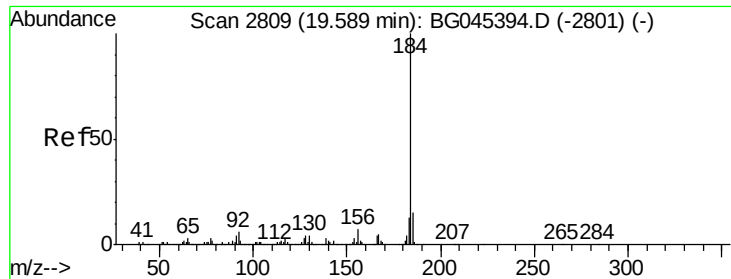
Delta R.T. -0.00 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

Tgt Ion:	240	Resp:	472870
Ion	Ratio	Lower	Upper
240	100		
120	6.8	6.1	9.1
236	26.7	22.3	33.5





#77

Benzidine

Concen: 38.155 ng

RT: 19.58 min Scan# 2808

Delta R.T. -0.00 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

Instrument :

BNA_G

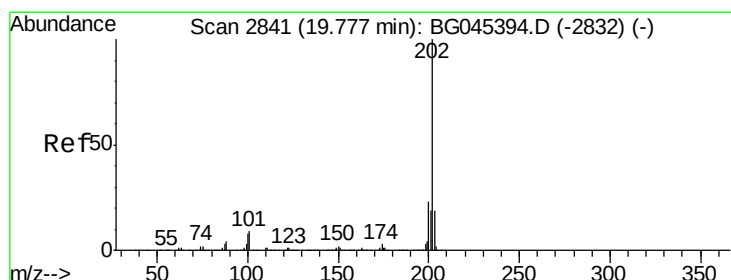
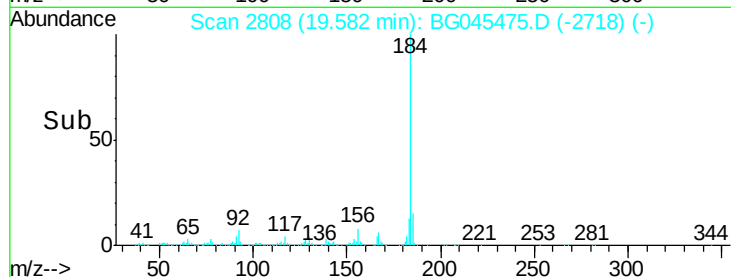
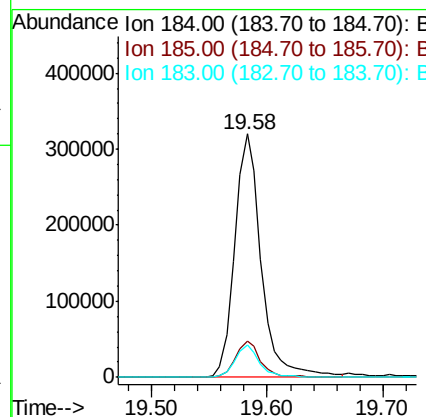
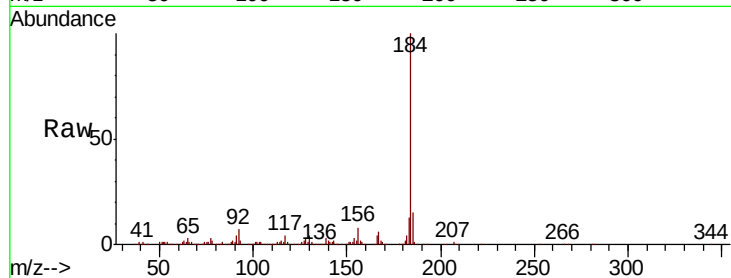
ClientSampleId :

PB129112BS

Tot Ion:	184	Resp:	506722
Ion Ratio	Lower	Upper	
184	100		
185	14.7	11.7	17.5
183	13.2	10.2	15.4

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#78

Pyrene

Concen: 47.205 ng

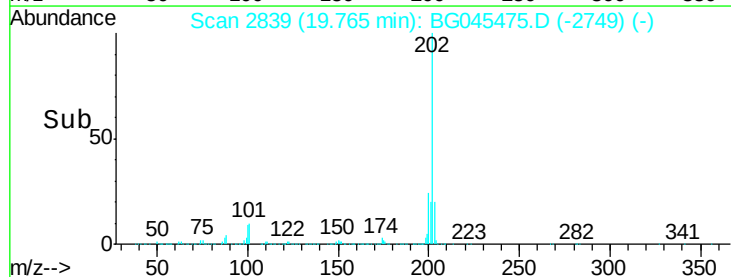
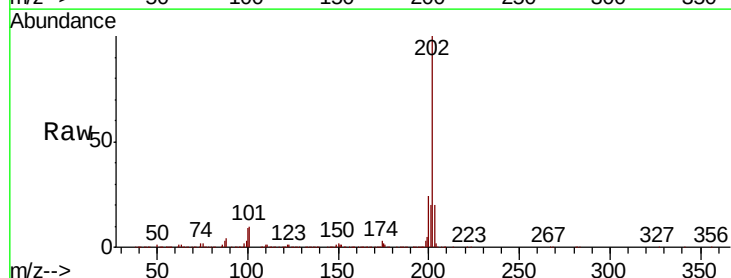
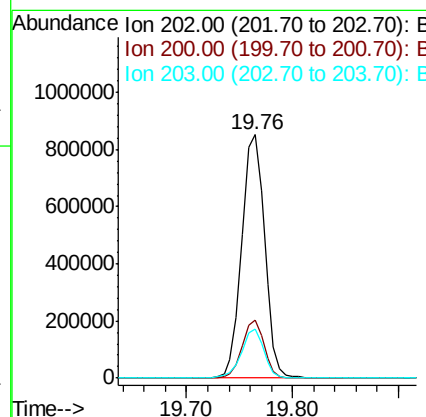
RT: 19.76 min Scan# 2839

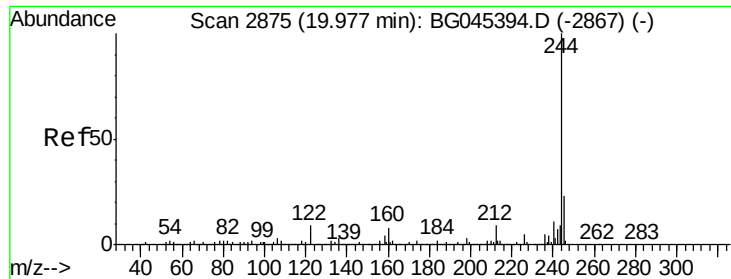
Delta R.T. -0.00 min

Lab File: BG045475.D

Acq: 27 May 2020 14:13

Tgt Ion:	202	Resp:	1272442
Ion Ratio	Lower	Upper	
202	100		
200	23.9	18.2	27.2
203	20.2	15.1	22.7





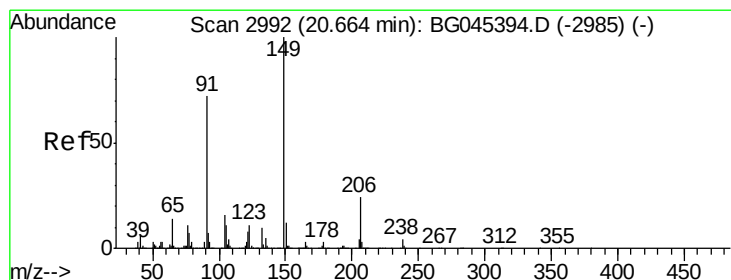
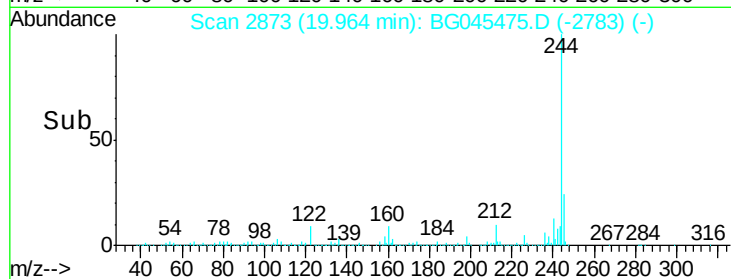
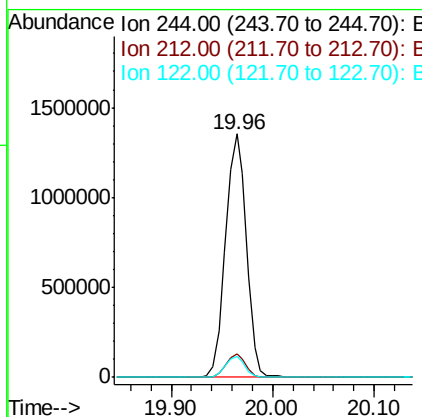
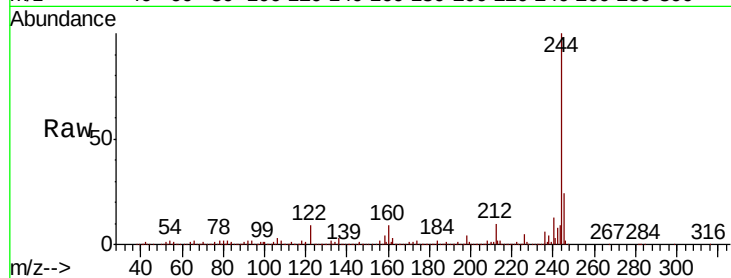
#79
 Terphenyl-d14
 Concen: 95.129 ng
 RT: 19.96 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: BG045475.D
 Acq: 27 May 2020 14:13

Instrument :
 BNA_G
 ClientSampleId :
 PB129112BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.4	11.0
122	8.5	6.8	10.2

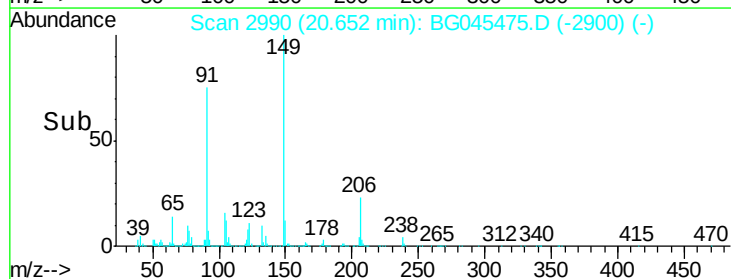
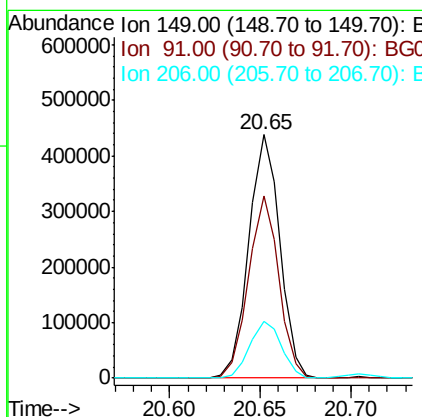
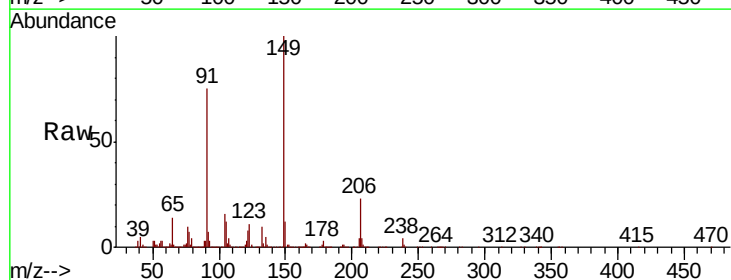
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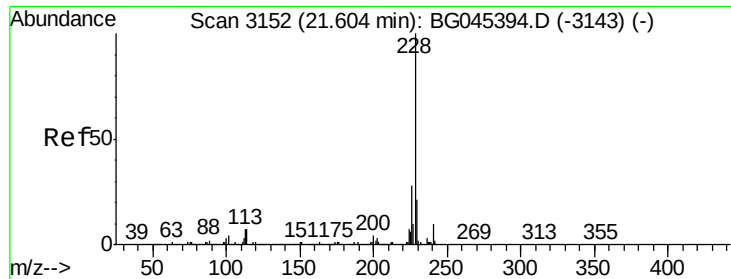
mohammad
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#80
 Butylbenzylphthalate
 Concen: 45.015 ng
 RT: 20.65 min Scan# 2990
 Delta R.T. -0.00 min
 Lab File: BG045475.D
 Acq: 27 May 2020 14:13

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.8	57.8	86.6
206	23.4	19.1	28.7





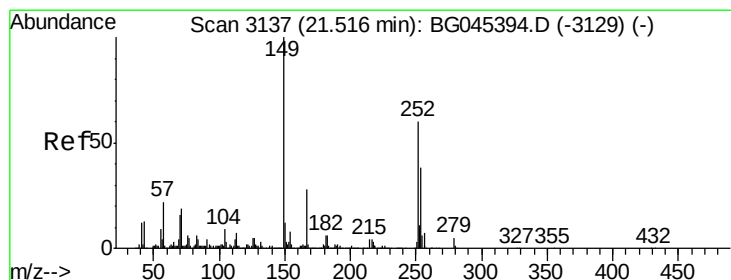
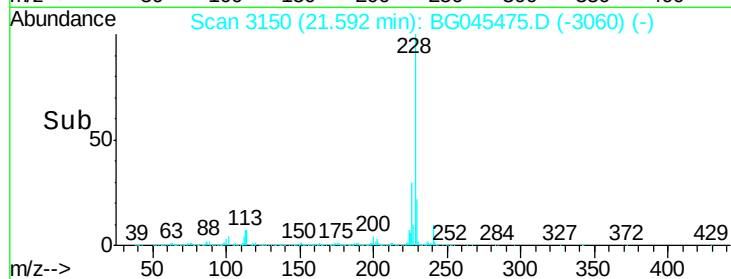
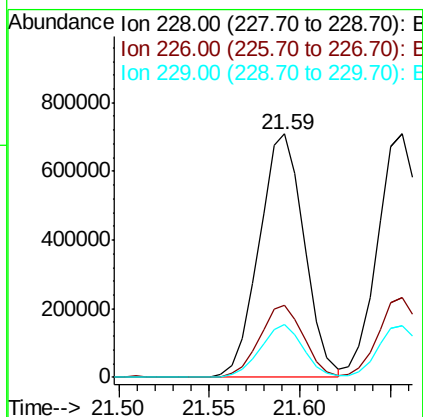
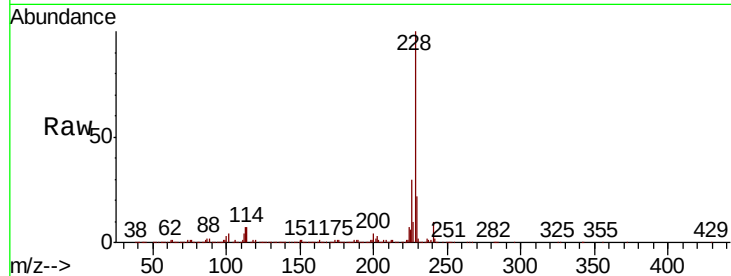
#81
Benzo(a)anthracene
Concen: 46.663 ng
RT: 21.59 min Scan# 3150
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Instrument :
BNA_G
ClientSampleId :
PB129112BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.7	34.1
229	21.7	16.7	25.1

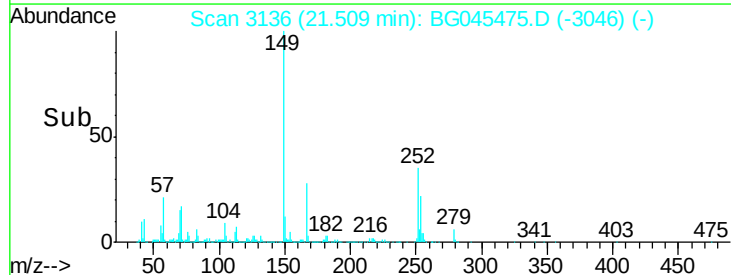
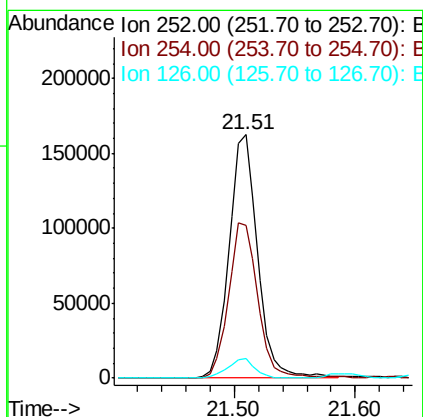
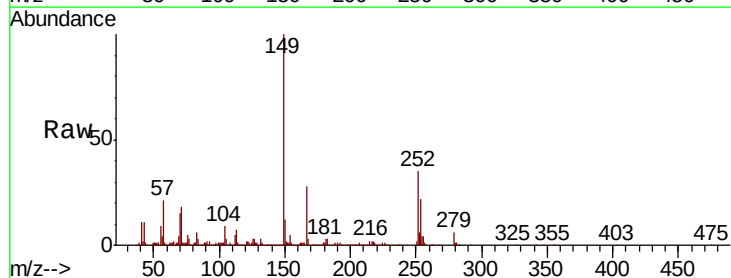
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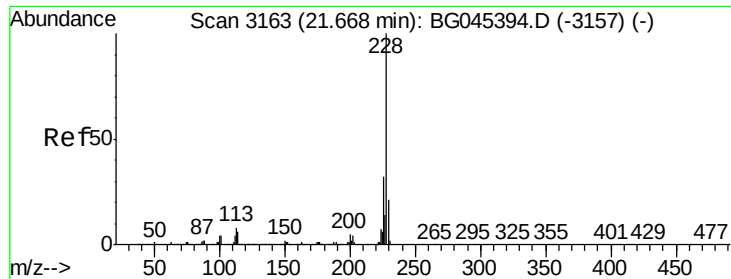
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 25.781 ng
RT: 21.51 min Scan# 3136
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.0	51.3	76.9
126	8.3	6.6	10.0





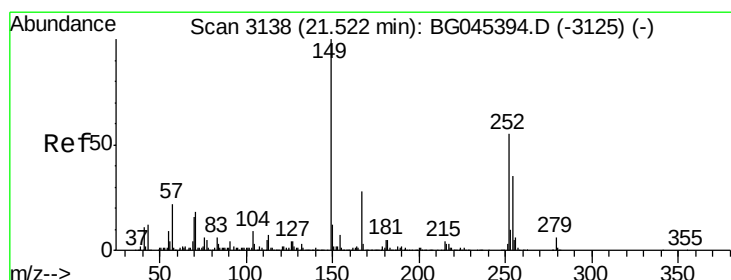
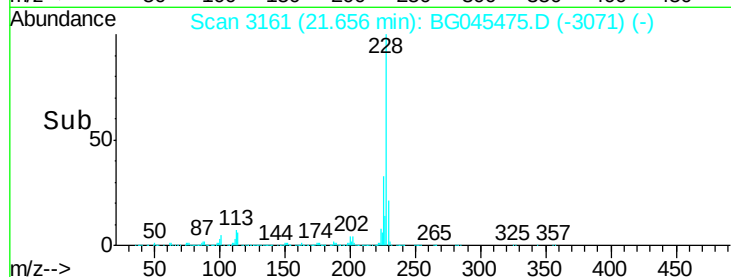
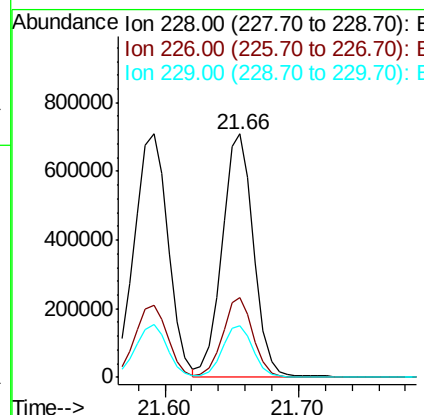
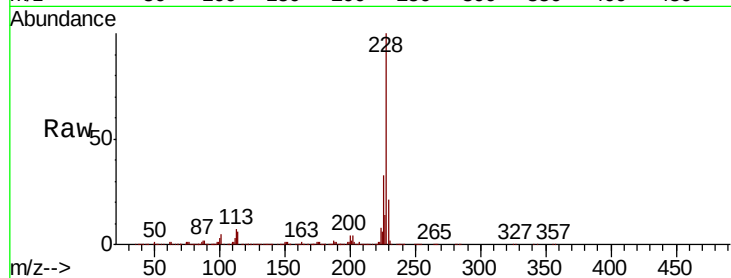
#83
 Chrysene
 Concen: 46.085 ng
 RT: 21.66 min Scan# 3161
 Delta R.T. -0.00 min
 Lab File: BG045475.D
 Acq: 27 May 2020 14:13

Instrument :
 BNA_G
 ClientSampleId :
 PB129112BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.2	37.8
229	21.3	16.7	25.1

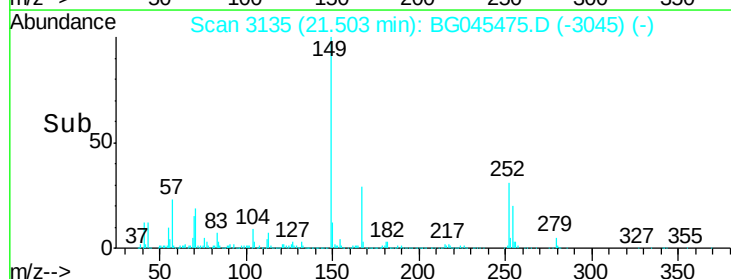
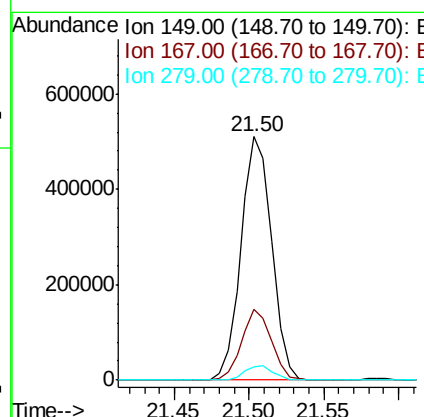
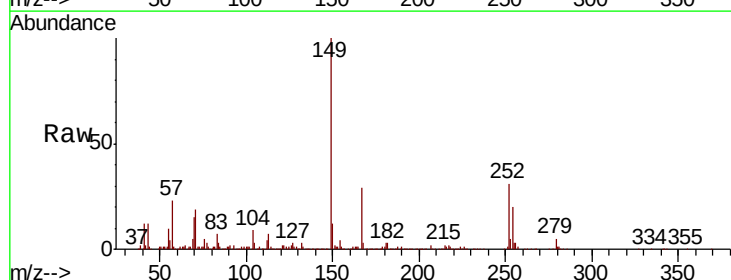
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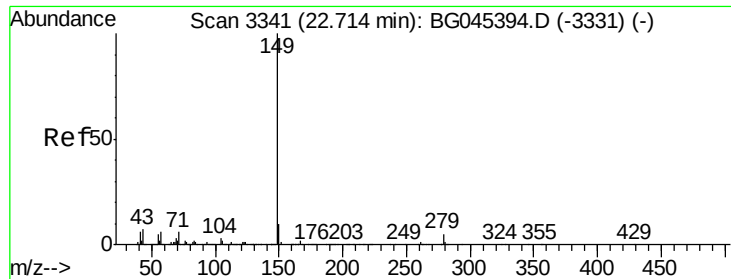
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.353 ng
 RT: 21.50 min Scan# 3135
 Delta R.T. -0.00 min
 Lab File: BG045475.D
 Acq: 27 May 2020 14:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.2	33.2
279	5.2	4.7	7.1





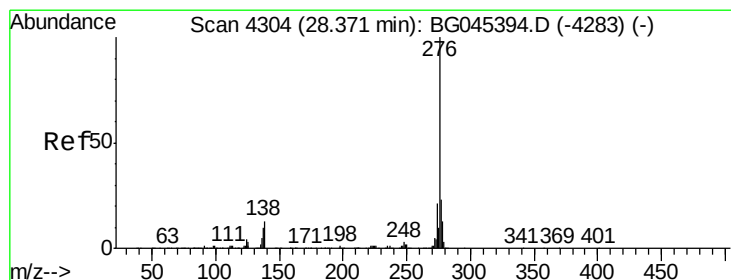
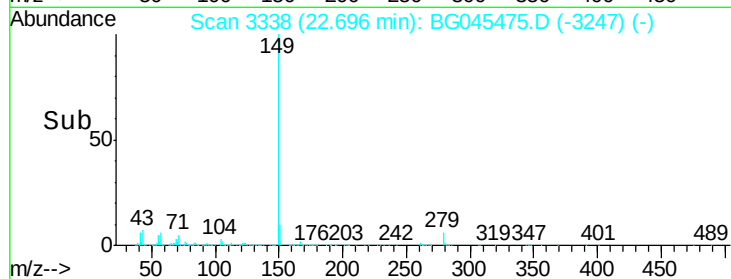
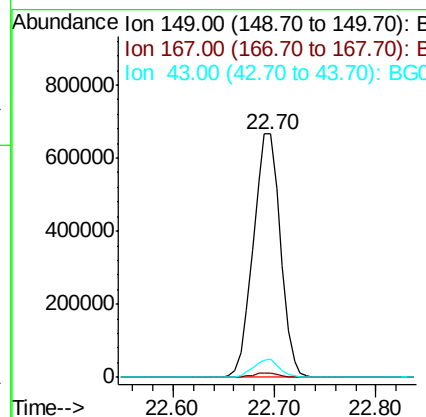
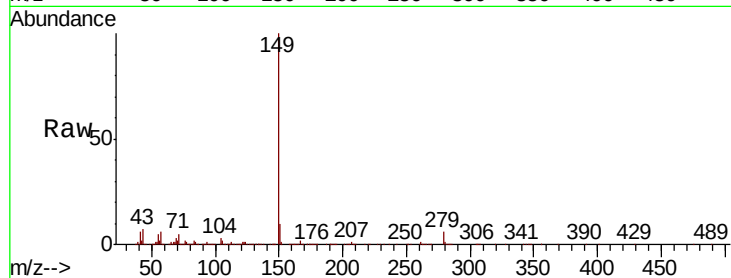
#85
Di-n-octyl phthalate
Concen: 44.972 ng
RT: 22.70 min Scan# 3338
Delta R.T. 0.01 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Instrument :
BNA_G
ClientSampleId :
PB129112BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	7.0	5.8	8.8

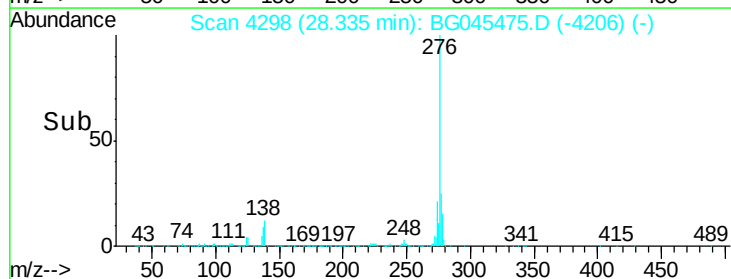
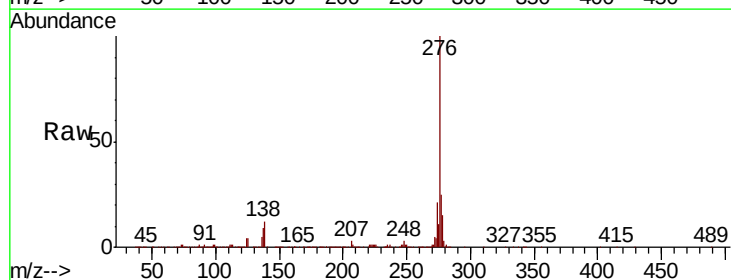
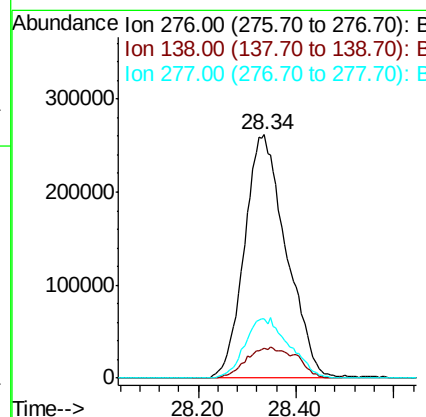
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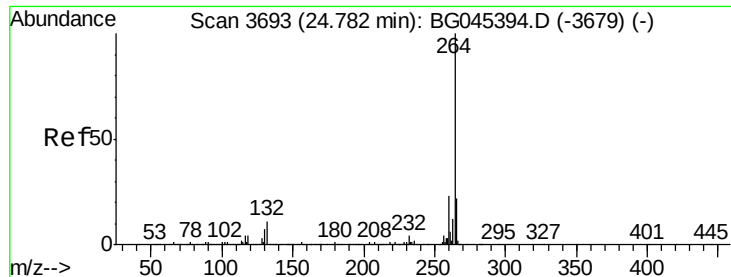
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 47.065 ng
RT: 28.34 min Scan# 4298
Delta R.T. 0.01 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.3	8.6	12.8#
277	26.1	20.2	30.4





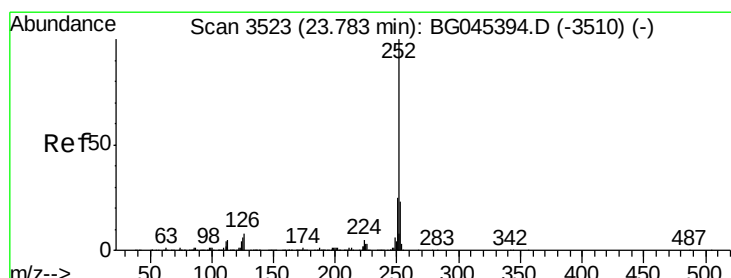
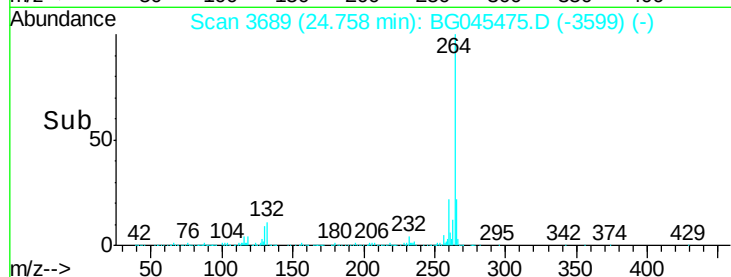
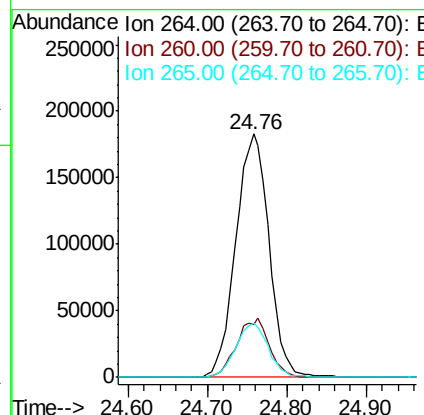
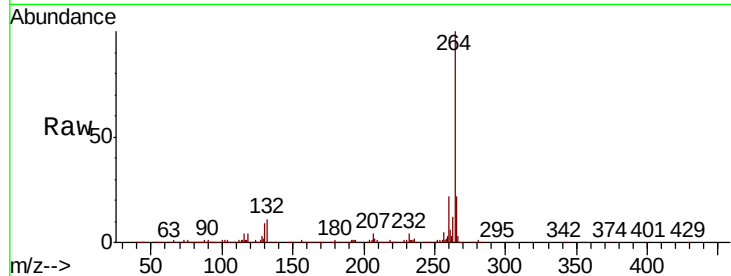
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.76 min Scan# 3689
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Instrument :
BNA_G
ClientSampleId :
PB129112BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.6	18.2	27.4
265	22.0	17.6	26.4

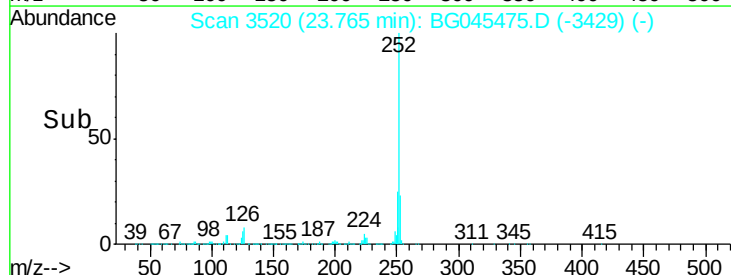
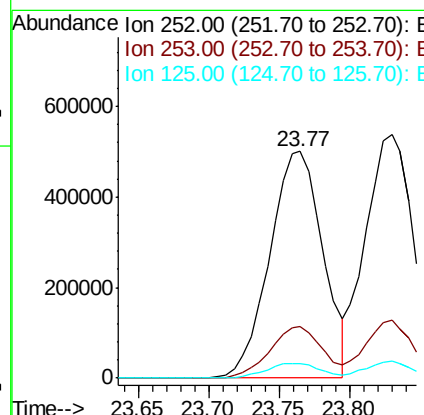
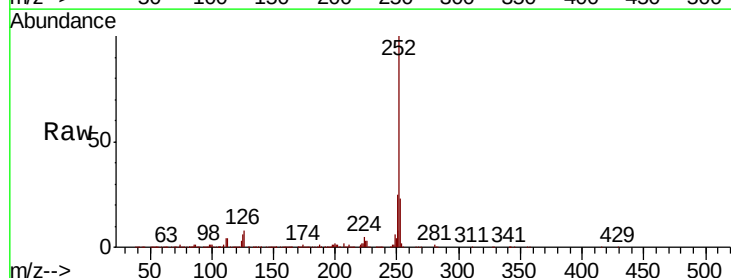
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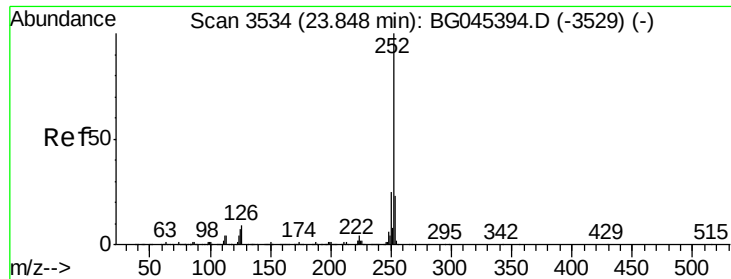
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#88
Benzo(b)fluoranthene
Concen: 46.170 ng
RT: 23.77 min Scan# 3520
Delta R.T. 0.01 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	6.2	5.0	7.6





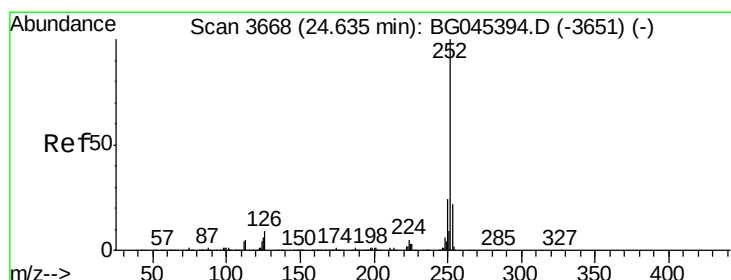
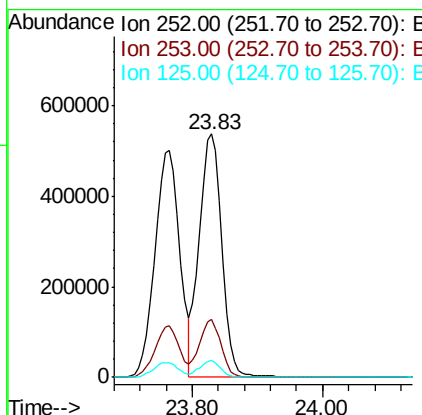
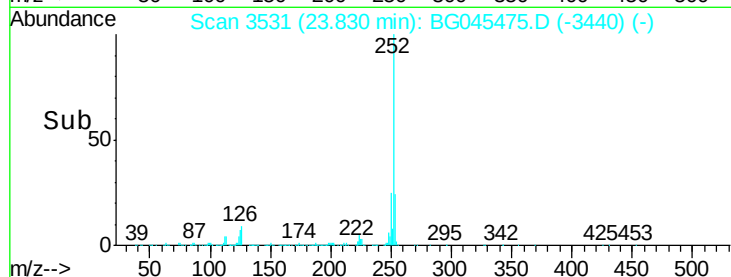
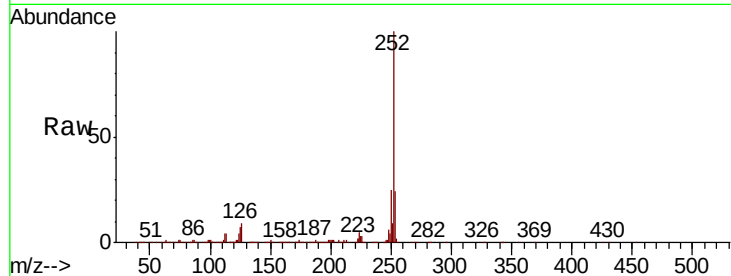
#89
Benzo(k)fluoranthene
Concen: 48.311 ng
RT: 23.83 min Scan# 3531
Delta R.T. 0.01 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Instrument :
BNA_G
ClientSampleId :
PB129112BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.4	27.6
125	6.9	5.7	8.5

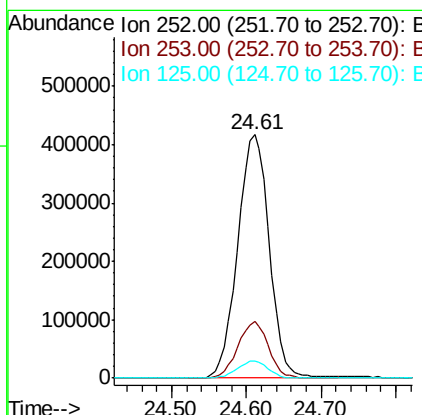
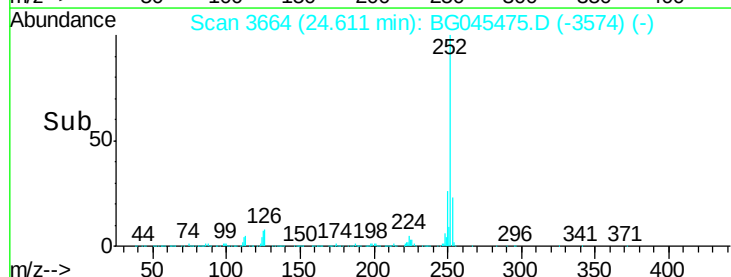
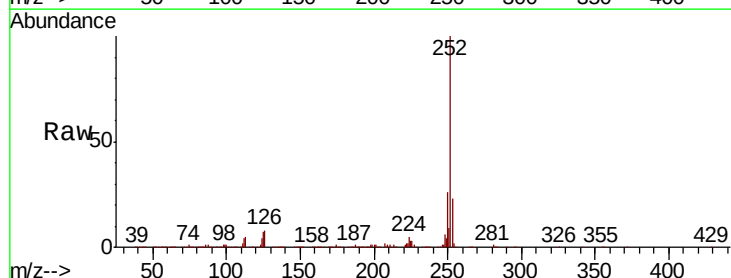
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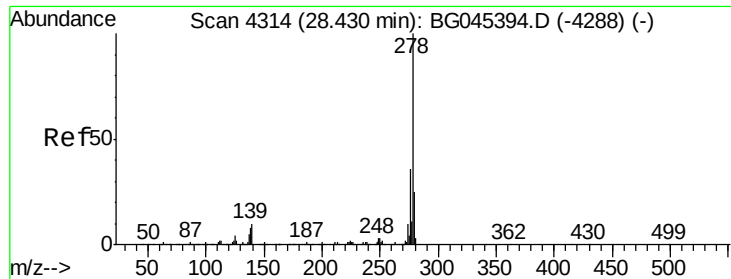
mohammad
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#90
Benzo(a)pyrene
Concen: 46.135 ng
RT: 24.61 min Scan# 3664
Delta R.T. -0.00 min
Lab File: BG045475.D
Acq: 27 May 2020 14:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.2	25.8
125	7.0	5.0	7.6





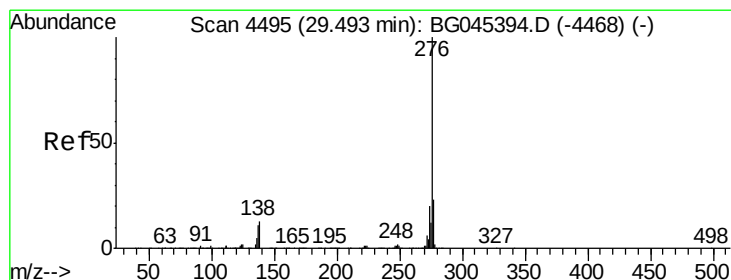
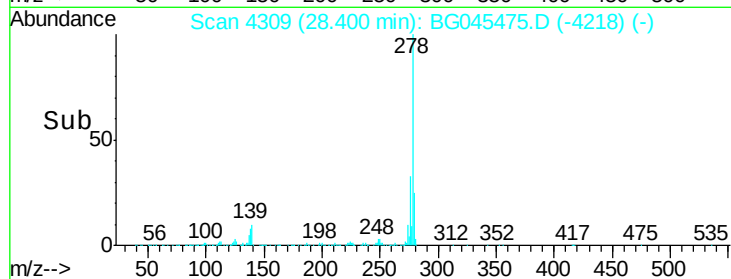
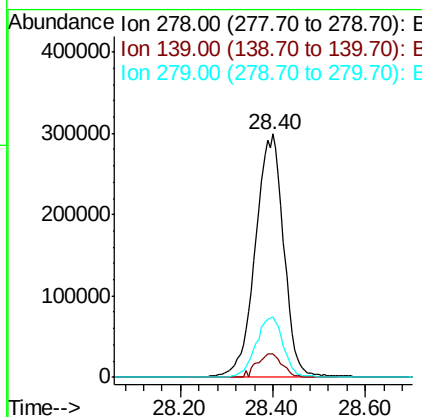
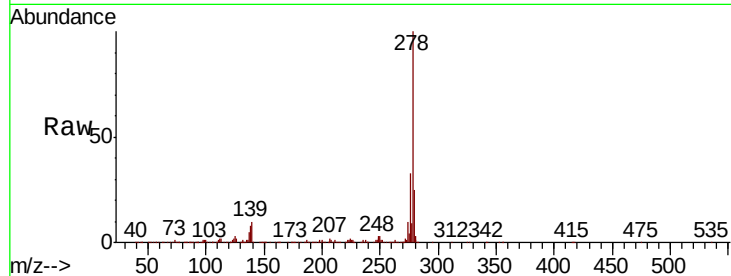
#91
 Dibenzo(a,h)anthracene
 Concen: 47.863 ng
 RT: 28.40 min Scan# 4309
 Delta R.T. 0.01 min
 Lab File: BG045475.D
 Acq: 27 May 2020 14:13

Instrument :
 BNA_G
 ClientSampleId :
 PB129112BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.8	7.8	11.8
279	24.9	19.8	29.8

Manual Integrations
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 5/29/2020 10:24:30 PM



#92
 Benzo(g,h,i)perylene
 Concen: 48.923 ng
 RT: 29.45 min Scan# 4487
 Delta R.T. -0.00 min
 Lab File: BG045475.D
 Acq: 27 May 2020 14:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.1	27.1
138	12.9	10.2	15.4

