

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052820\
 Data File : BG045505.D
 Acq On : 28 May 2020 20:17
 Operator : CG/JU
 Sample : L2498-16MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-052220MS

Manual Integrations
 APPROVED

mohammad
 5/29/2020 10:27:06 PM

Quant Time: May 29 01:49:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 13:15:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	77442	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	316142	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	225058	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	492621	20.00	ng	0.00
76) Chrysene-d12	21.61	240	433274	20.00	ng	0.00
87) Perylene-d12	24.76	264	482073	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	560348	141.41	ng	0.00
7) Phenol-d6	7.17	99	720991	127.83	ng	0.00
23) Nitrobenzene-d5	9.12	82	606190	104.56	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	440381	153.00	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1366983	103.03	ng	0.00
79) Terphenyl-d14	19.96	244	2029679	109.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	68673	34.948	ng	# 46
3) Pyridine	3.82	79	146622	26.791	ng	99
4) n-Nitrosodimethylamine	3.72	42	73798	41.209	ng	# 98
6) Aniline	7.29	93	176473	23.969	ng	98
8) 2-Chlorophenol	7.54	128	231085	53.177	ng	99
9) Benzaldehyde	7.09	77	124123	33.778	ng	95
10) Phenol	7.19	94	245678	42.265	ng	98
11) bis(2-Chloroethyl)ether	7.38	93	215629	47.558	ng	97
12) 1,3-Dichlorobenzene	7.85	146	229270	43.904	ng	98
13) 1,4-Dichlorobenzene	7.99	146	235383	45.674	ng	94
14) 1,2-Dichlorobenzene	8.32	146	226496	45.695	ng	98
15) Benzyl Alcohol	8.21	79	242825	52.117	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.49	45	194582	45.212	ng	98
17) 2-Methylphenol	8.44	107	208523	47.927	ng	94
18) Hexachloroethane	9.04	117	89610	45.400	ng	89
19) n-Nitroso-di-n-propylamine	8.77	70	198383	50.865	ng	98
20) 3+4-Methylphenols	8.77	107	269552	45.496	ng	# 71
22) Acetophenone	8.78	105	366621	48.929	ng	95
24) Nitrobenzene	9.16	77	300945	48.451	ng	98
25) Isophorone	9.68	82	559132	48.972	ng	97
26) 2-Nitrophenol	9.88	139	136956	51.544	ng	93
27) 2,4-Dimethylphenol	9.96	122	229542	58.246	ng	97
28) bis(2-Chloroethoxy)methane	10.17	93	308983	51.603	ng	96
29) 2,4-Dichlorophenol	10.44	162	251302	54.000	ng	99
30) 1,2,4-Trichlorobenzene	10.63	180	271651	49.400	ng	97
31) Naphthalene	10.82	128	743750	50.485	ng	99
32) Benzoic acid	10.10	122	27404	18.112	ng	96
33) 4-Chloroaniline	10.94	127	38093	6.186	ng	# 91
34) Hexachlorobutadiene	11.11	225	183677	47.253	ng	98
35) Caprolactam	11.70	113	61826m	36.195	ng	
36) 4-Chloro-3-methylphenol	12.09	107	276599	52.746	ng	97
37) 2-Methylnaphthalene	12.43	142	563495	51.319	ng	96
38) 1-Methylnaphthalene	12.65	142	534947	51.575	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	328132	52.199	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	263784	72.702	nq	99
43) 2,4,6-Trichlorophenol	13.05	196	227248	52.040	nq	100
44) 2,4,5-Trichlorophenol	13.14	196	236080	47.310	nq	97
46) 1,1'-Biphenyl	13.43	154	727400	52.600	nq	99
47) 2-Chloronaphthalene	13.48	162	561559	50.007	nq	99
48) 2-Nitroaniline	13.69	65	179639	48.632	nq	87
49) Acenaphthylene	14.33	152	917615	50.873	nq	99
50) Dimethylphthalate	14.06	163	886427	57.416	nq	97
51) 2,6-Dinitrotoluene	14.18	165	173394	49.772	nq	96
52) Acenaphthene	14.67	154	615324m	50.963	nq	
53) 3-Nitroaniline	14.51	138	71127	20.084	nq	87
54) 2,4-Dinitrophenol	14.72	184	110482	50.568	nq	99
55) Dibenzofuran	15.00	168	880733	49.121	nq	97
56) 4-Nitrophenol	14.87	139	200194	74.666	nq	95
57) 2,4-Dinitrotoluene	14.97	165	238315	47.234	nq	98
58) Fluorene	15.65	166	717635	48.718	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.24	232	214366m	48.828	nq	
60) Diethylphthalate	15.42	149	756400	47.071	nq	99
61) 4-Chlorophenyl-phenylether	15.65	204	405520	48.109	nq	97
62) 4-Nitroaniline	15.68	138	148332	40.121	nq	97
63) Azobenzene	15.93	77	719655	48.029	nq	99
65) 4,6-Dinitro-2-methylphenol	15.74	198	109841	38.285	nq	93
66) n-Nitrosodiphenylamine	15.86	169	641097	54.202	nq	97
67) 4-Bromophenyl-phenylether	16.54	248	275269	51.604	nq	97
68) Hexachlorobenzene	16.66	284	299193	53.626	nq	97
69) Atrazine	16.81	200	241124	49.494	nq	97
70) Pentachlorophenol	17.02	266	266320	91.931	nq	97
71) Phenanthrene	17.39	178	1115838	51.886	nq	98
72) Anthracene	17.49	178	1145570	53.044	nq	98
73) Carbazole	17.76	167	1029342	48.896	nq	100
74) Di-n-butylphthalate	18.31	149	1223688	48.430	nq	99
75) Fluoranthene	19.40	202	1319538	48.240	nq	99
77) Benzidine	19.58	184	328720	27.014	nq	99
78) Pyrene	19.77	202	1315827	53.276	nq	98
80) Butylbenzylphthalate	20.65	149	533043	50.001	nq	100
81) Benzo(a)anthracene	21.59	228	1269112	52.581	nq	99
82) 3,3'-Dichlorobenzidine	21.50	252	225683	23.837	nq	99
83) Chrysene	21.66	228	1201580	51.774	nq	98
84) Bis(2-ethylhexyl)phthalate	21.50	149	745590	50.878	nq	99
85) Di-n-octyl phthalate	22.69	149	1247609	49.569	nq	100
86) Indeno(1,2,3-cd)pyrene	28.33	276	1591973	52.456	nq	# 97
88) Benzo(b)fluoranthene	23.77	252	1330083	51.446	nq	100
89) Benzo(k)fluoranthene	23.83	252	1286399	52.961	nq	98
90) Benzo(a)pyrene	24.61	252	1222147	50.756	nq	98
91) Dibenzo(a,h)anthracene	28.40	278	1306134	53.980	nq	100
92) Benzo(g,h,i)perylene	29.45	276	1331924	55.039	nq	99

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

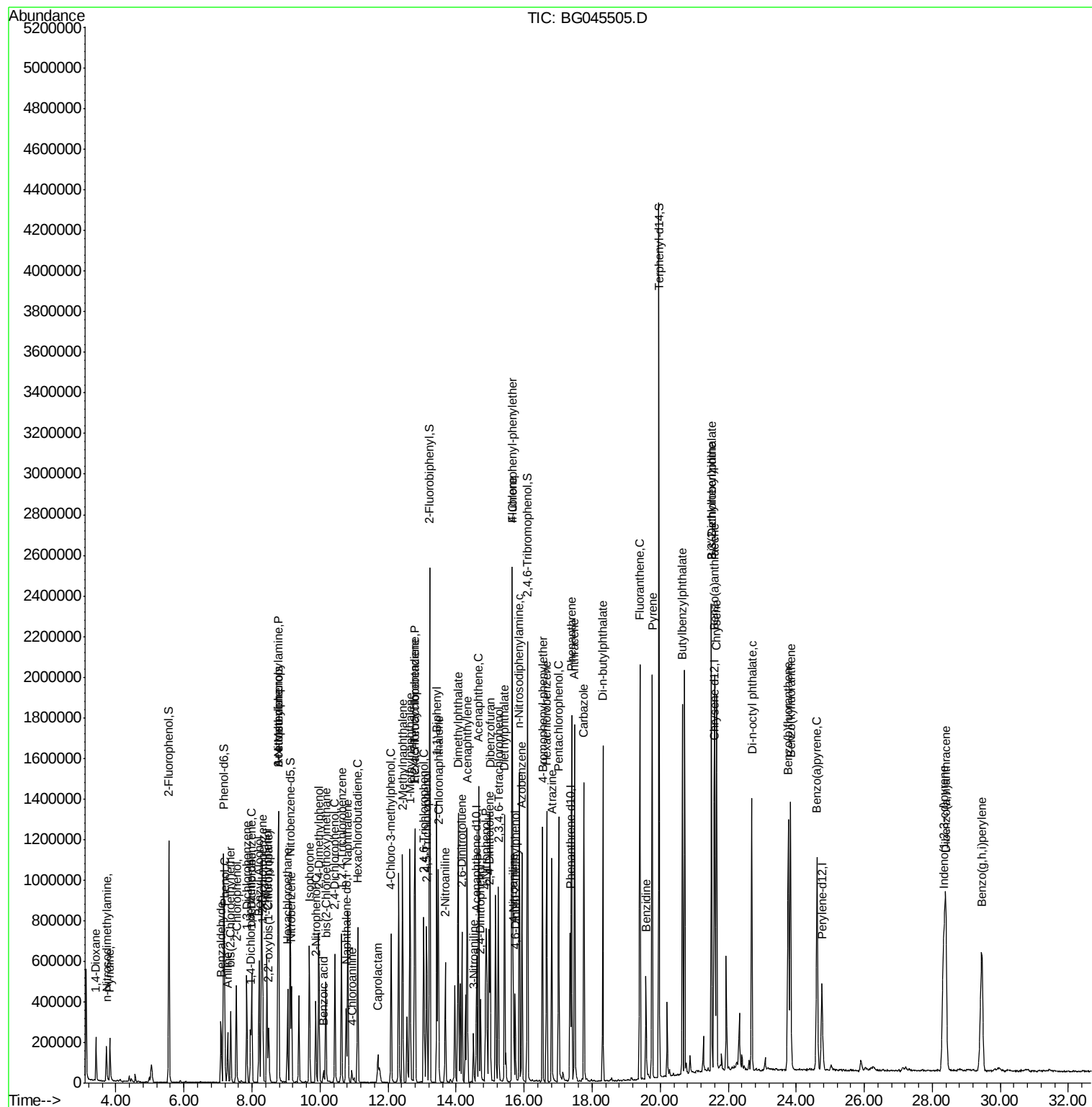
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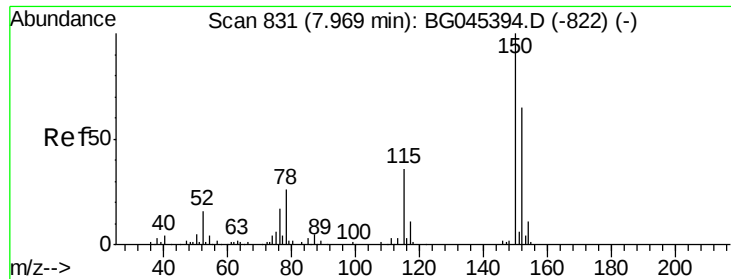
Instrument :
BNA_G
ClientSampleId :
CL-01-052220MS

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#1

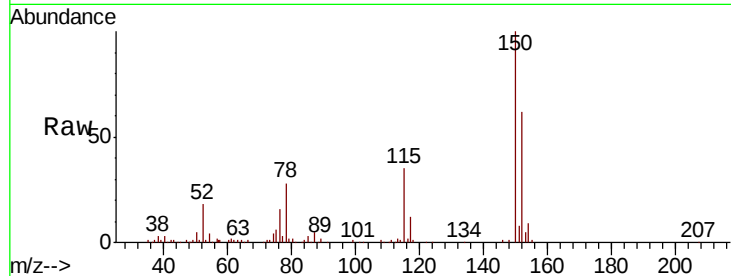
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Instrument :
BNA_G
ClientSampleId :
CL-01-052220MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.6	122.4	183.6
115	56.1	44.2	66.4

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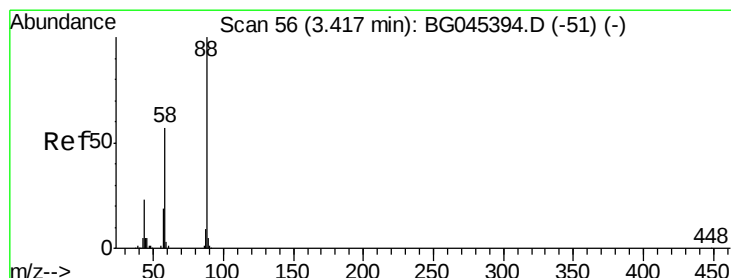
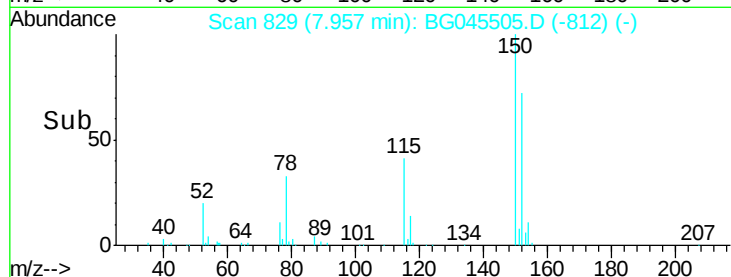
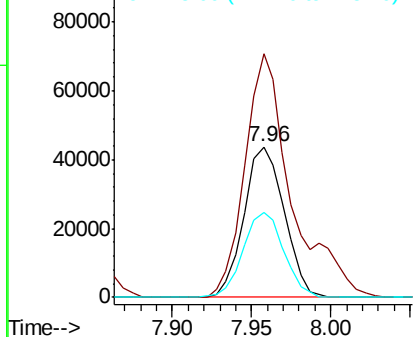


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

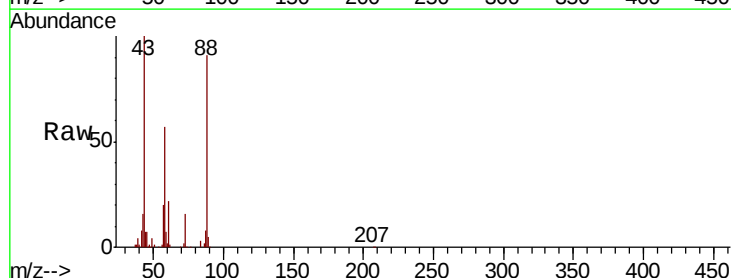
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.948 ng
RT: 3.41 min Scan# 55
Delta R.T. 0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	58.5	45.7	68.5
43	112.4	16.8	25.2

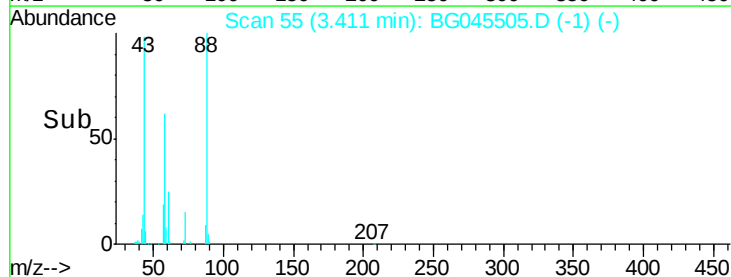
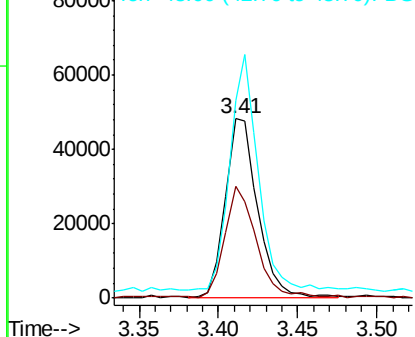


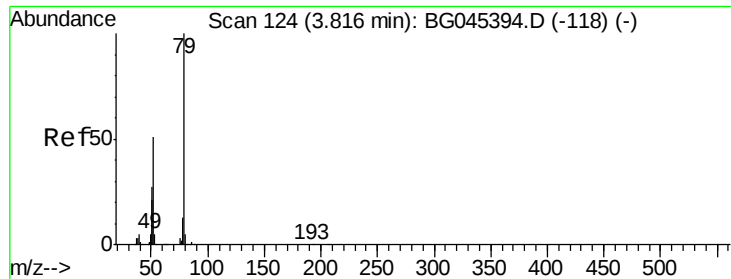
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 26.791 ng

RT: 3.82 min Scan# 125

Delta R.T. 0.02 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

Instrument :

BNA_G

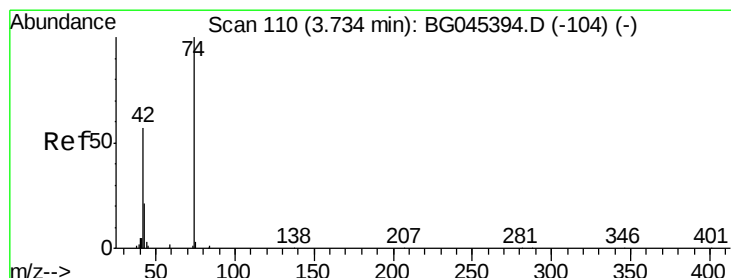
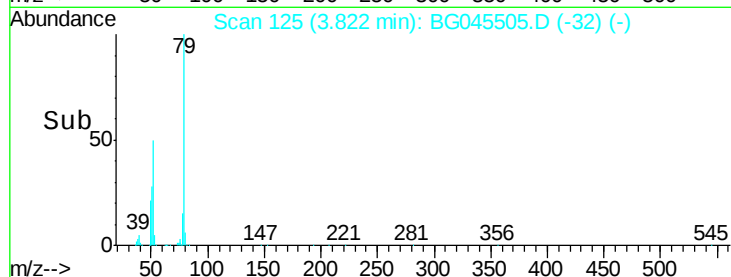
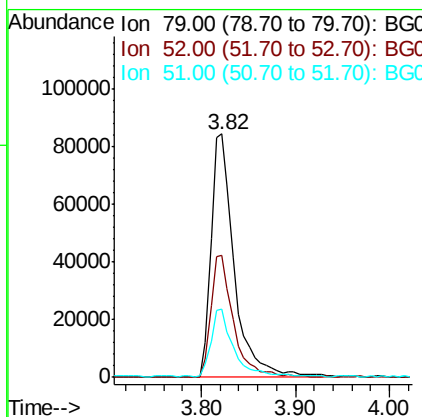
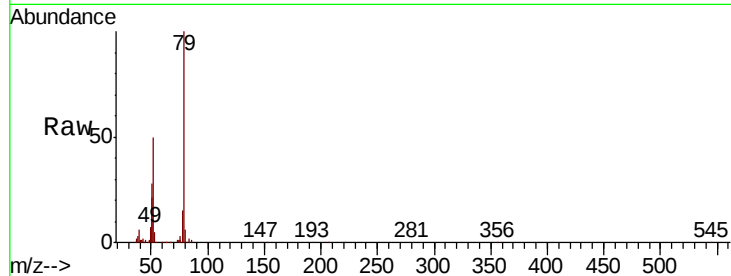
ClientSampleId :

CL-01-052220MS

Tot Ion:	79	Resp:	146622
Ion Ratio	Lower	Upper	
79	100		
52	50.3	40.8	61.2
51	28.2	21.9	32.9

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#4

n-Nitrosodimethylamine

Concen: 41.209 ng

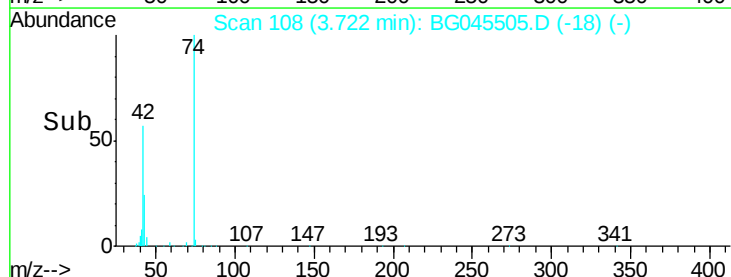
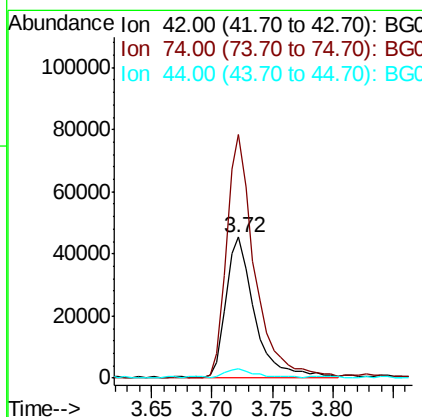
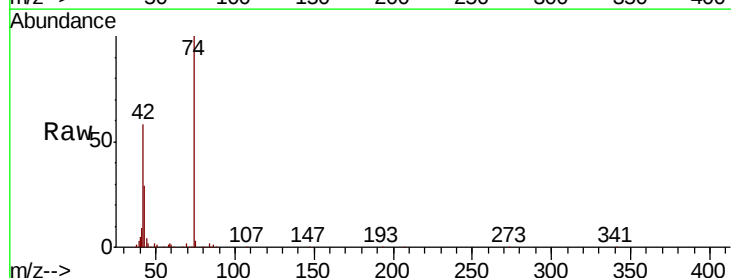
RT: 3.72 min Scan# 108

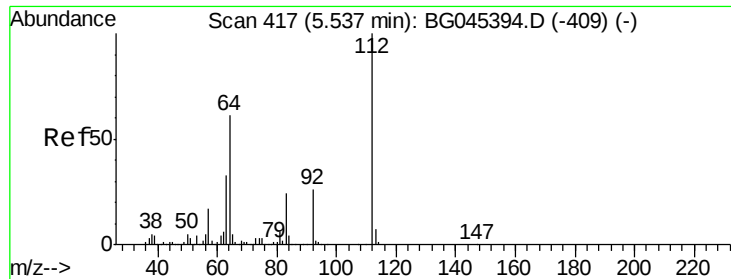
Delta R.T. -0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

Tgt Ion:	42	Resp:	73798
Ion Ratio	Lower	Upper	
42	100		
74	173.2	141.3	211.9
44	6.8	4.2	6.4#





#5

2-Fluorophenol

Concen: 141.407 ng

RT: 5.55 min Scan# 420

Delta R.T. 0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

Instrument :

BNA_G

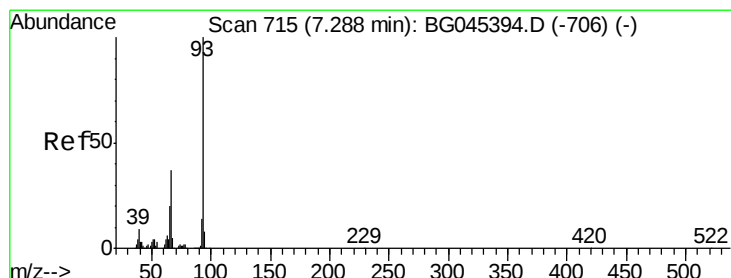
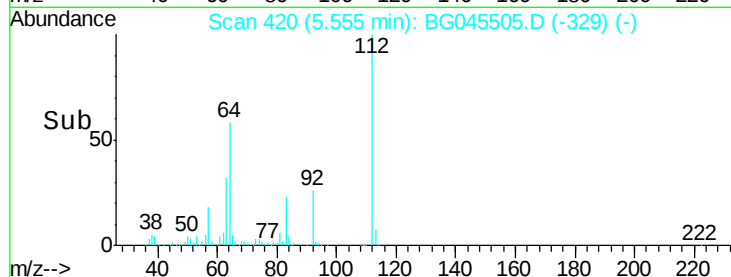
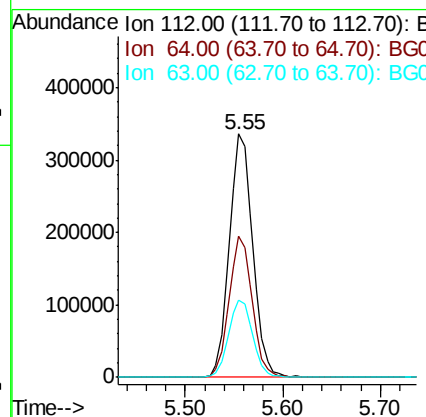
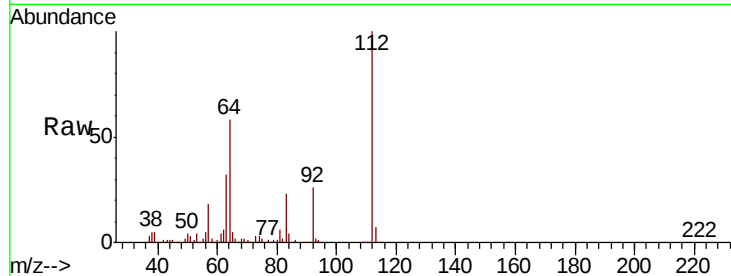
ClientSampleId :

CL-01-052220MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		560348		
64	58.2	48.6	72.8		
63	31.8	26.5	39.7		

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#6

Aniline

Concen: 23.969 ng

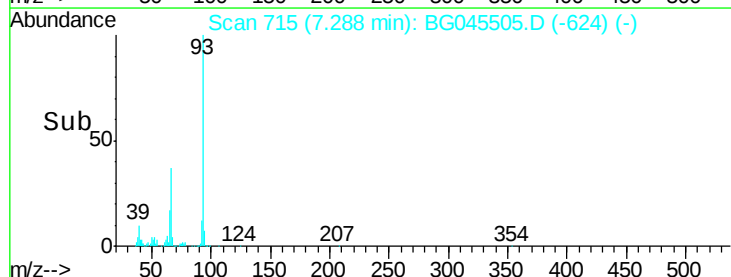
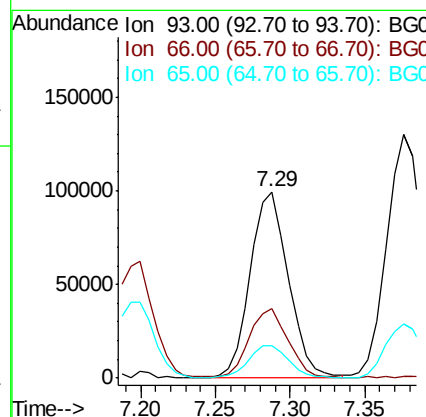
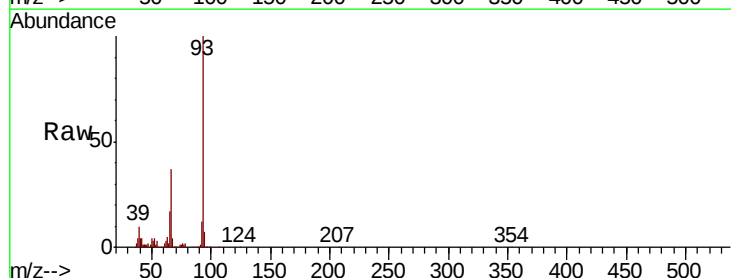
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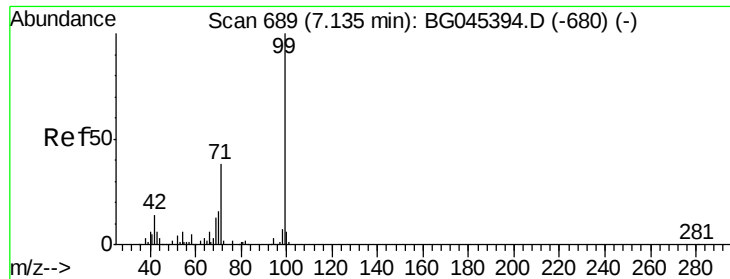
Delta R.T. 0.00 min

Lab File: BG045505.D

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		176473		
66	37.2	29.6	44.4		
65	17.4	15.9	23.9		





#7

Phenol-d6

Concen: 127.834 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

Instrument :

BNA_G

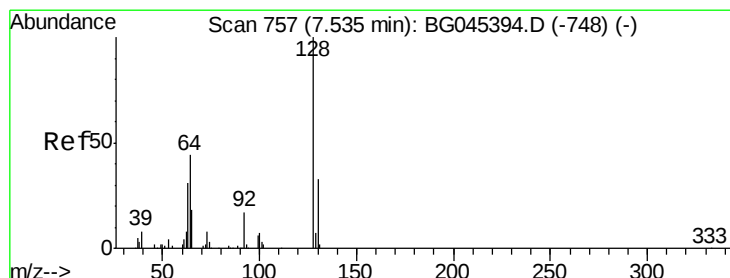
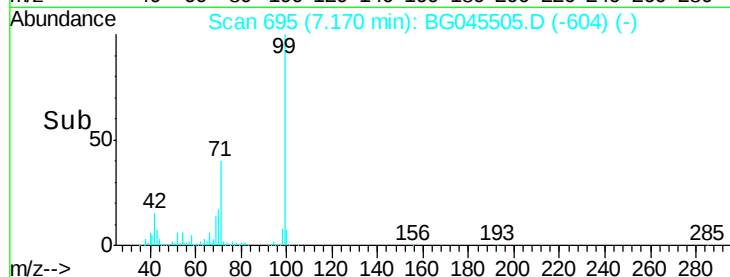
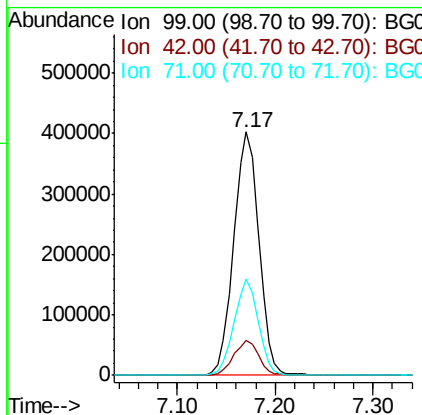
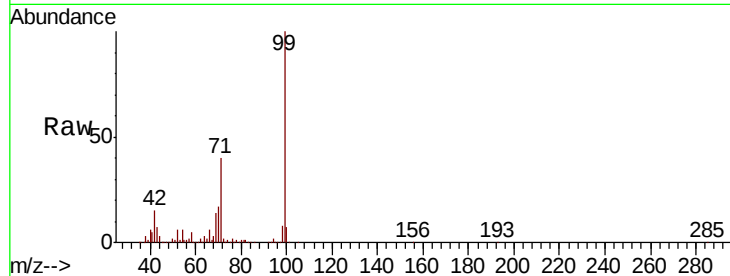
ClientSampleId :

CL-01-052220MS

Tot Ion:	99	Resp:	720991
Ion Ratio	Lower	Upper	
99	100		
42	14.6	11.3	16.9
71	39.8	30.8	46.2

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#8

2-Chlorophenol

Concen: 53.177 ng

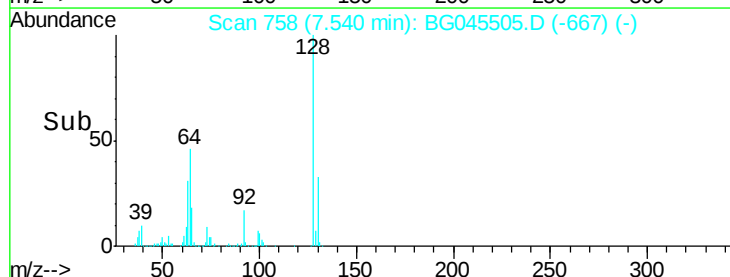
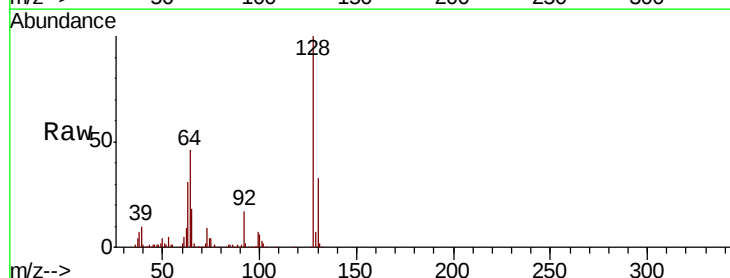
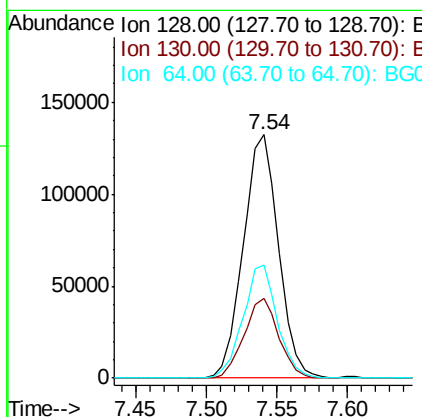
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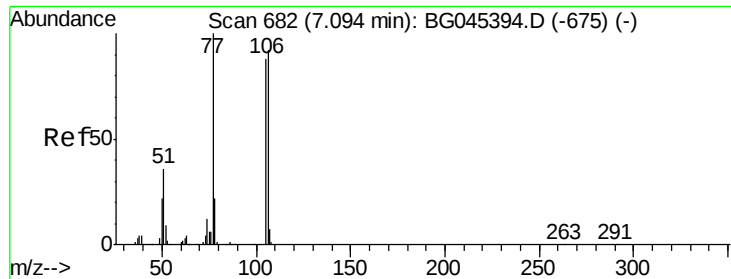
Delta R.T. 0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

Tgt Ion:	128	Resp:	231085
Ion Ratio	Lower	Upper	
128	100		
130	32.6	12.6	52.6
64	46.3	27.0	67.0





#9

Benzaldehyde

Concen: 33.778 ng

RT: 7.09 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

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BNA_G

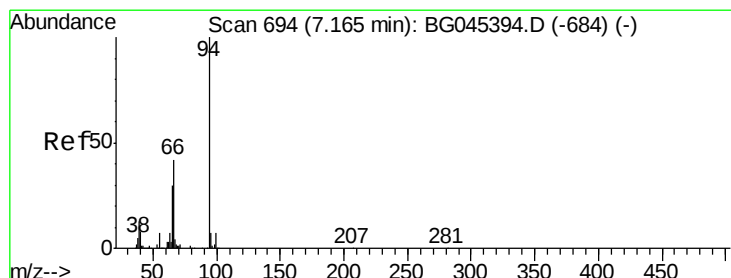
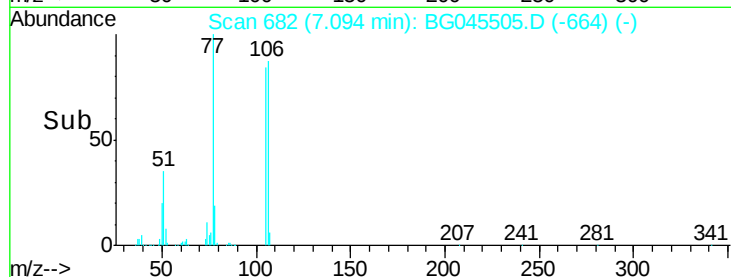
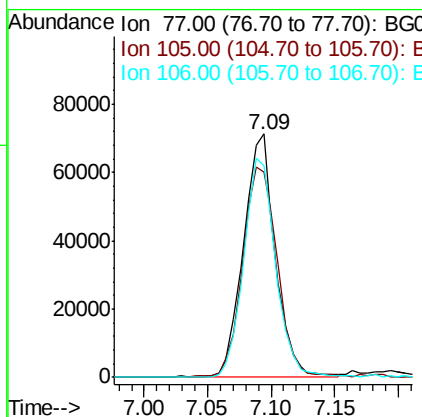
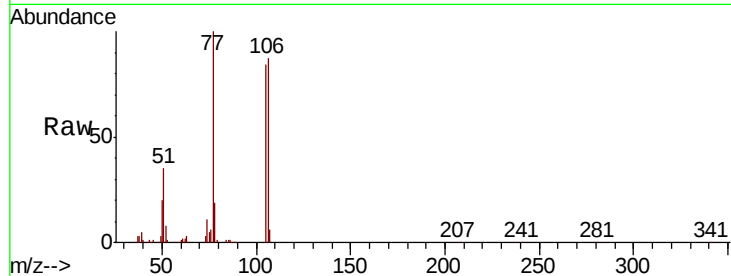
ClientSampleId :

CL-01-052220MS

Tot Ion:	77	Resp:	124123
Ion Ratio	Lower	Upper	
77	100		
105	84.2	68.5	108.5
106	87.1	71.6	111.6

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#10

Phenol

Concen: 42.265 ng

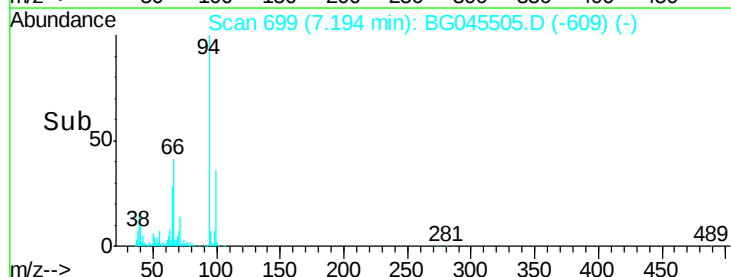
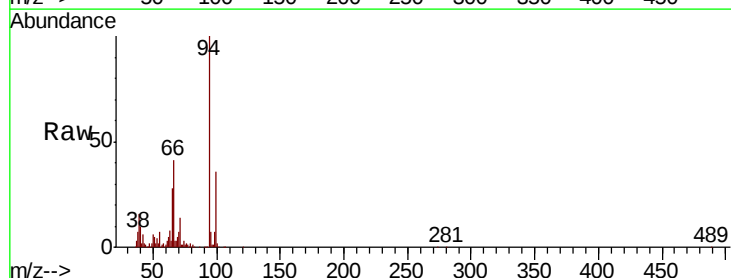
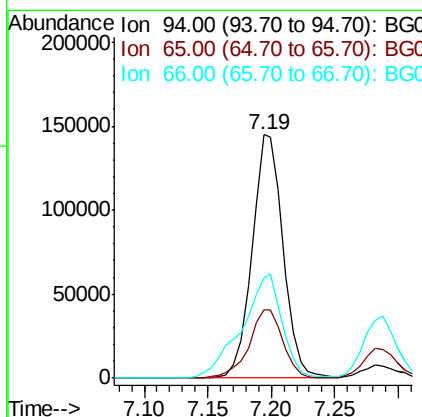
RT: 7.19 min Scan# 699

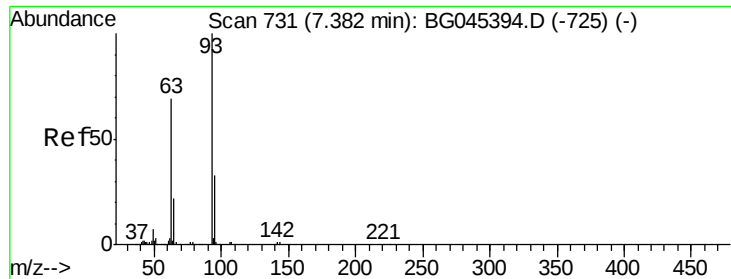
Delta R.T. -0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

Tgt Ion:	94	Resp:	245678
Ion Ratio	Lower	Upper	
94	100		
65	28.0	9.8	49.8
66	41.4	22.0	62.0





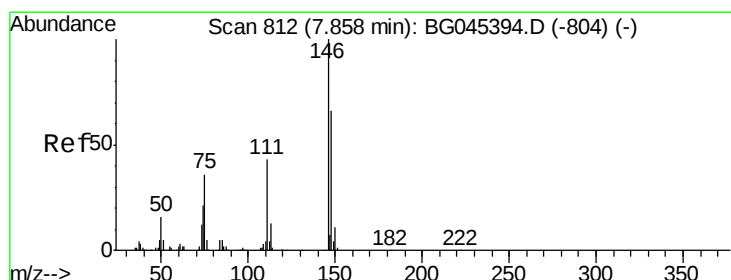
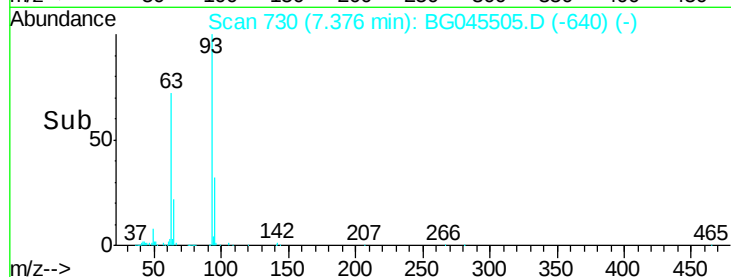
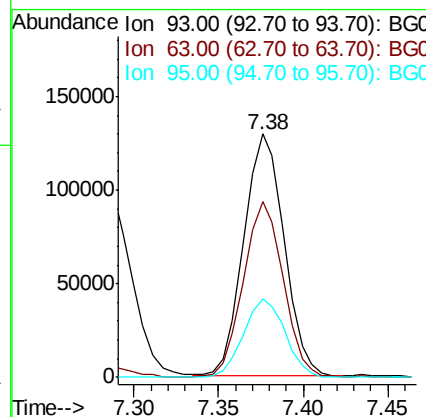
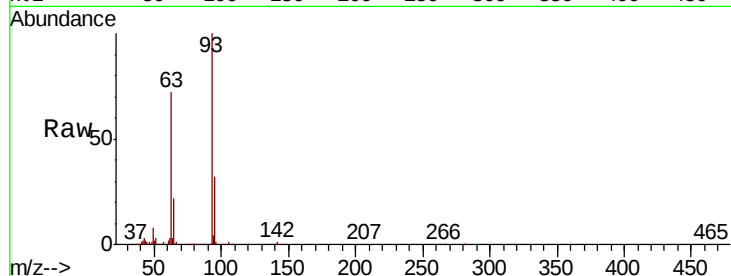
#11
bis(2-Chloroethyl)ether
Concen: 47.558 ng
RT: 7.38 min Scan# 730
Delta R.T. -0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Instrument :
BNA_G
ClientSampleId :
CL-01-052220MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	215629		
63	72.0		48.4	88.4
95	32.3		12.4	52.4

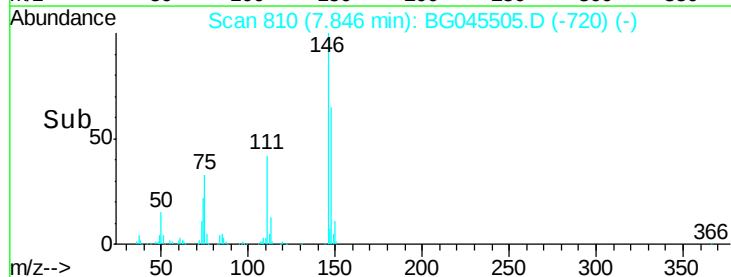
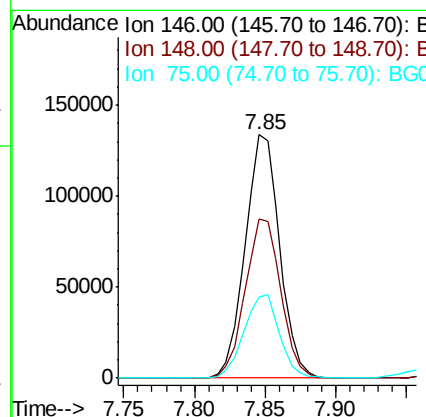
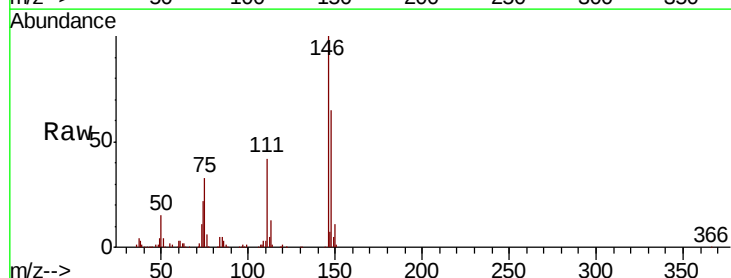
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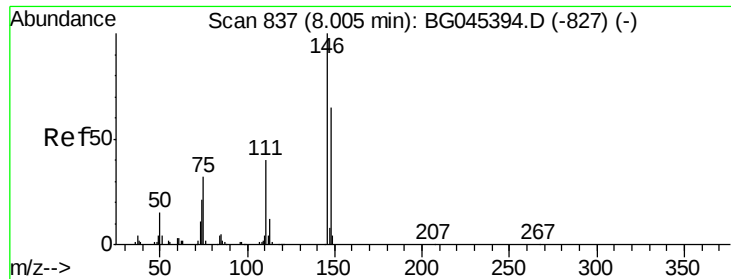
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#12
1,3-Dichlorobenzene
Concen: 43.904 ng
RT: 7.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	229270		
148	65.4		53.2	79.8
75	33.2		28.6	43.0





#13

1,4-Dichlorobenzene

Concen: 45.674 ng

RT: 7.99 min Scan# 835

Delta R.T. -0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

Instrument :

BNA_G

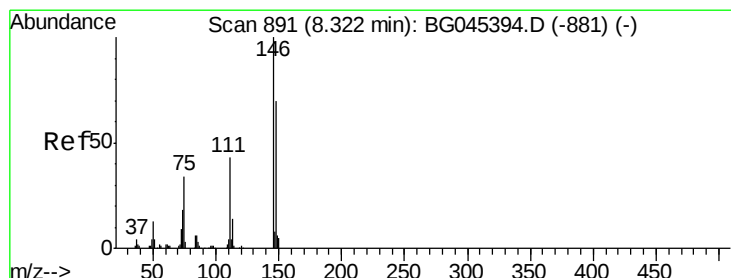
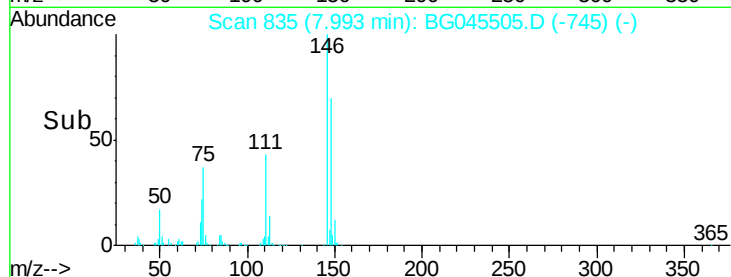
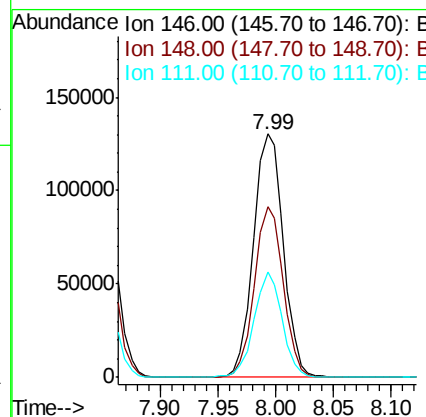
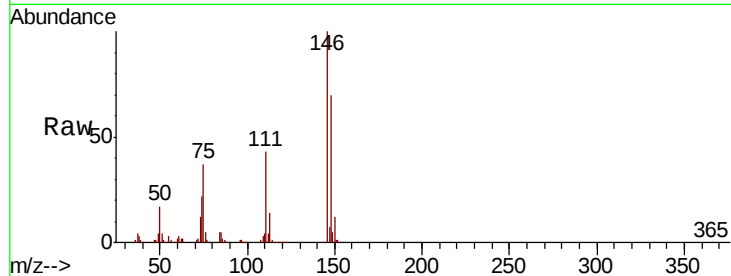
ClientSampleId :

CL-01-052220MS

Tot Ion:	146	Resp:	235383
Ion Ratio	Lower	Upper	
146	100		
148	70.3	51.8	77.8
111	43.2	32.1	48.1

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#14

1,2-Dichlorobenzene

Concen: 45.695 ng

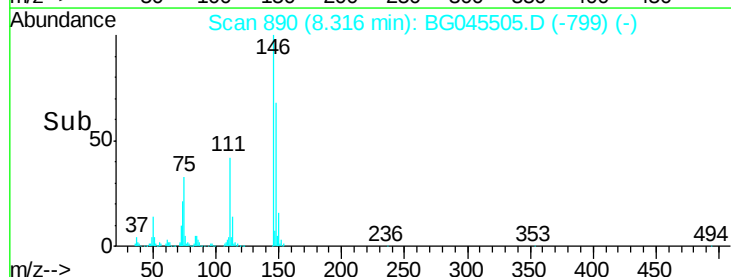
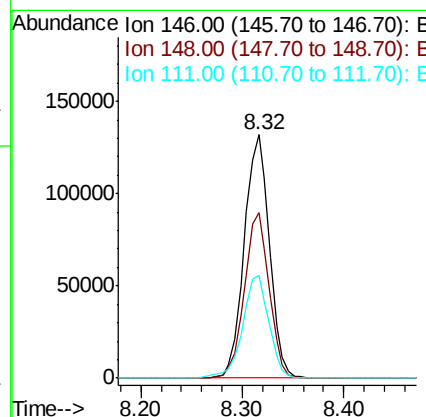
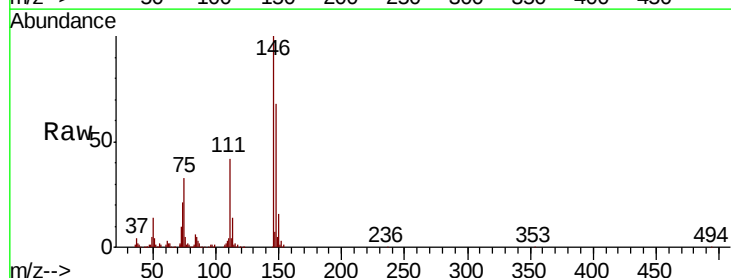
RT: 8.32 min Scan# 890

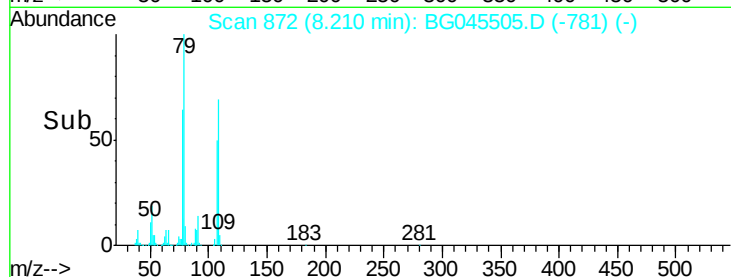
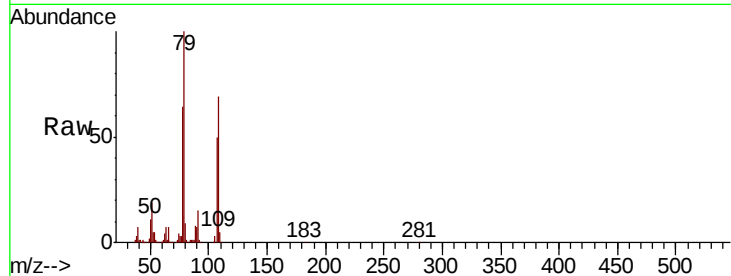
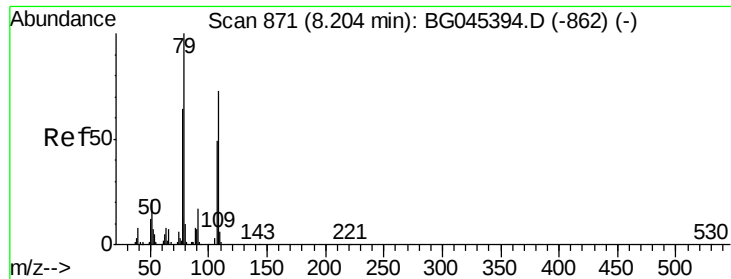
Delta R.T. 0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

Tgt Ion:	146	Resp:	226496
Ion Ratio	Lower	Upper	
146	100		
148	68.1	55.9	83.9
111	42.1	35.0	52.4





#15

Benzyl Alcohol

Concen: 52.117 ng

RT: 8.21 min Scan# 872

Delta R.T. 0.01 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

Tot Ion	79	Resp	242825
Ion Ratio	Lower	Upper	
79	100		
108	68.6	58.2	87.4
77	63.7	51.0	76.4

Instrument :

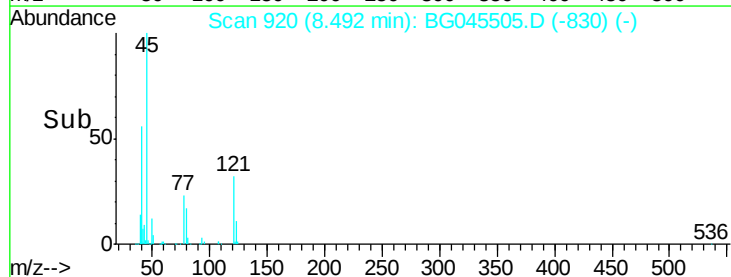
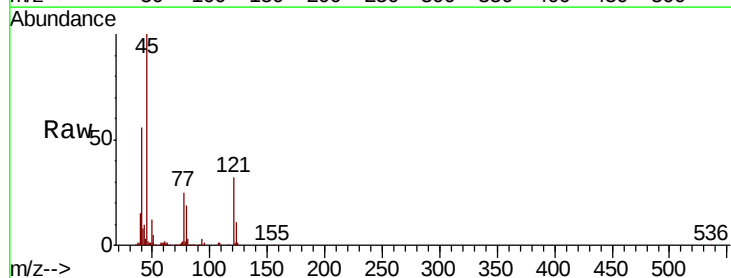
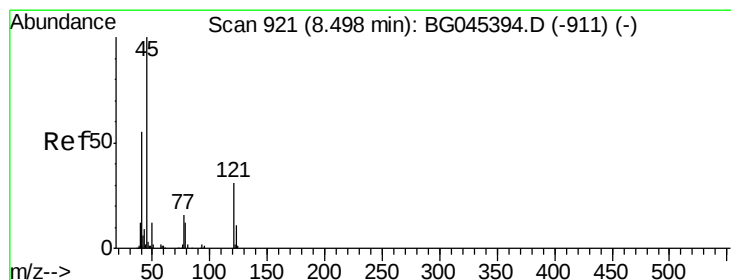
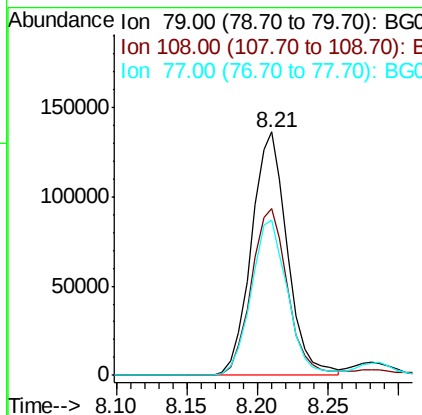
BNA_G

ClientSampleId :

CL-01-052220MS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.212 ng

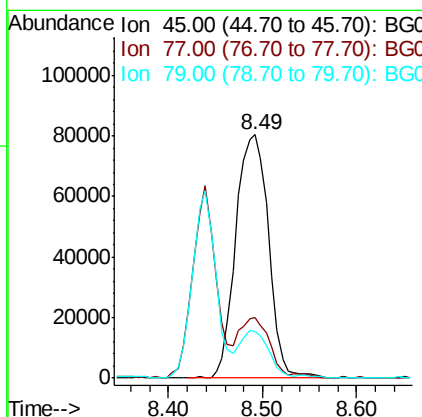
RT: 8.49 min Scan# 920

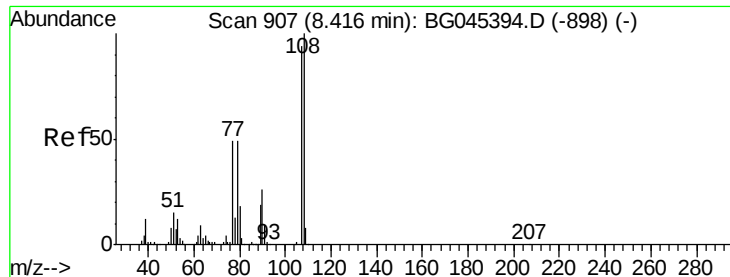
Delta R.T. -0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

Tgt Ion	45	Resp	194582
Ion Ratio	Lower	Upper	
45	100		
77	25.1	4.0	44.0
79	19.2	0.0	38.6





#17

2-Methylphenol

Concen: 47.927 ng

RT: 8.44 min Scan# 911

Delta R.T. 0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

Instrument :

BNA_G

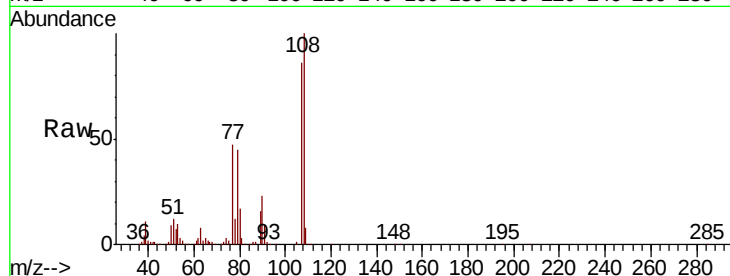
ClientSampleId :

CL-01-052220MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.0	85.2	127.8	
77	54.2	41.6	62.4	
79	52.7	41.8	62.8	

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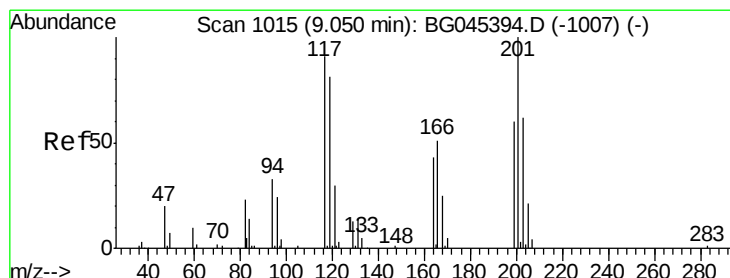
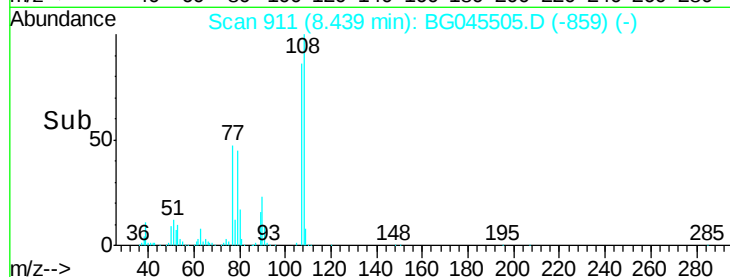
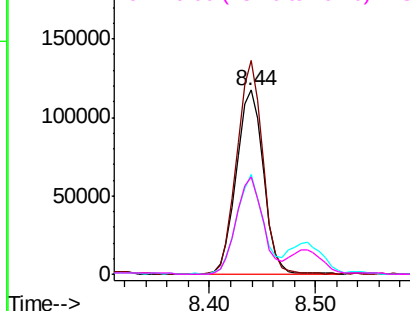
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 45.400 ng

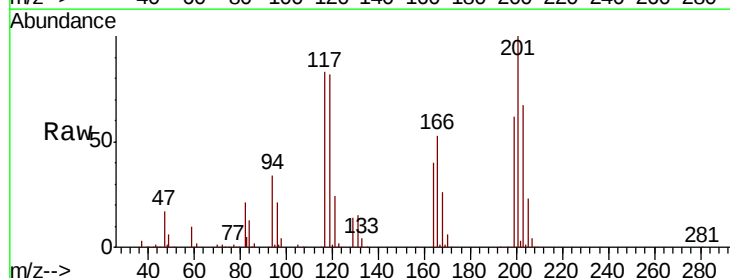
RT: 9.04 min Scan# 1014

Delta R.T. 0.01 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.1	71.3	106.9	
201	120.9	87.5	131.3	

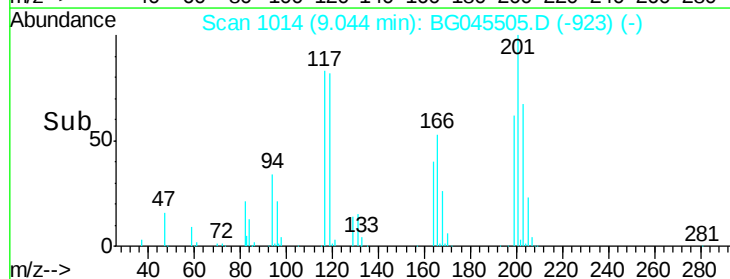
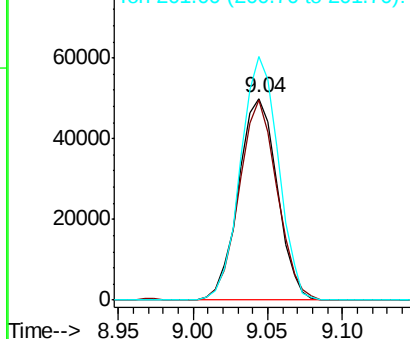


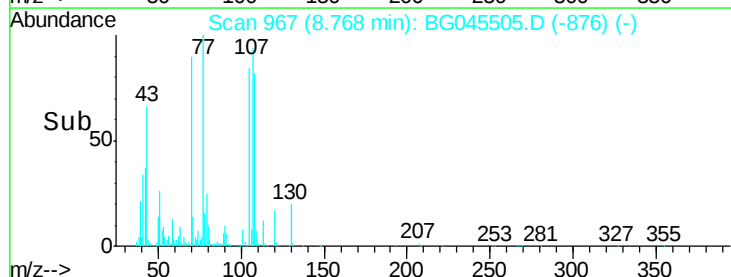
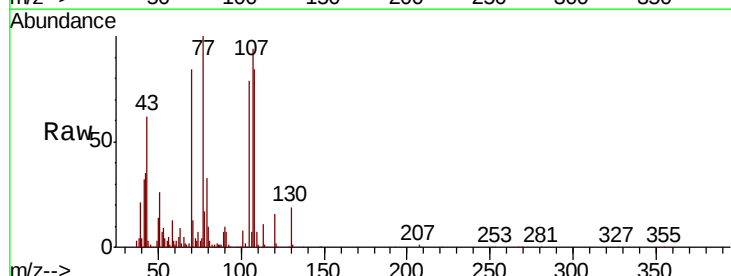
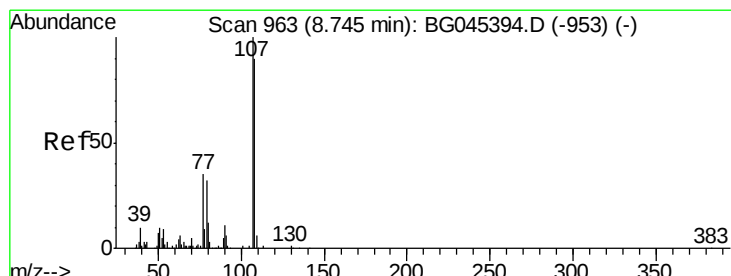
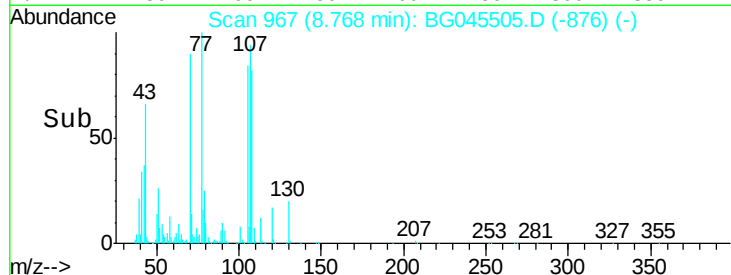
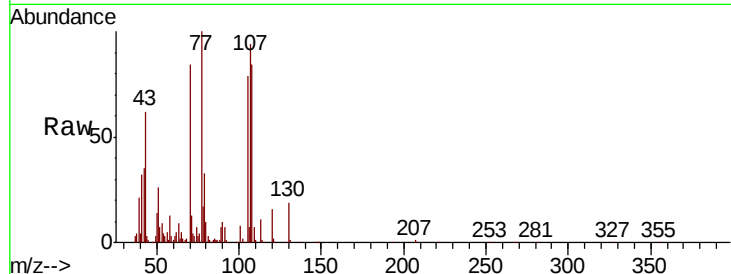
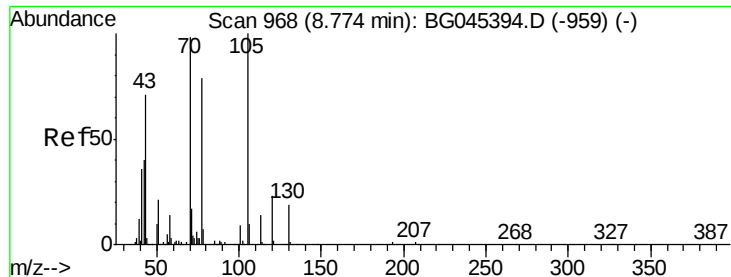
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

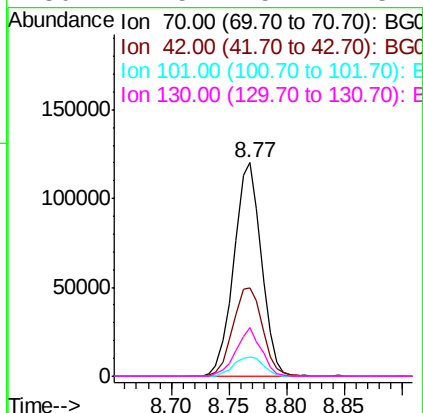
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 50.865 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		198383		
42	41.5	33.2	49.8		
101	9.2	7.8	11.6		
130	22.5	15.4	23.2		



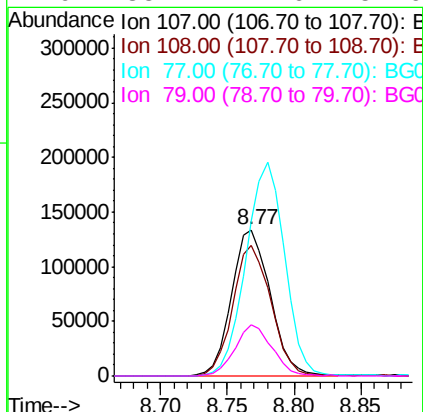
Instrument :
BNA_G
ClientSampleId :
CL-01-052220MS

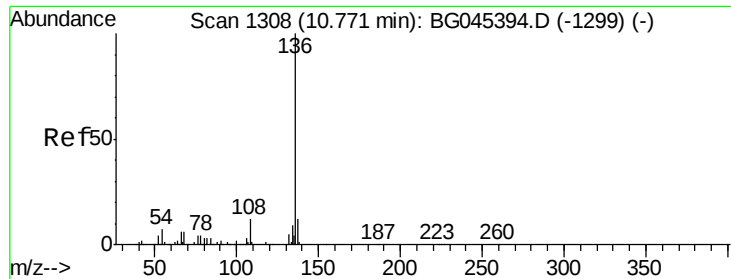
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#20
3+4-Methylphenols
Concen: 45.496 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		269552		
108	89.7	70.3	110.3		
77	106.5	15.4	55.4		
79	35.4	12.6	52.6		





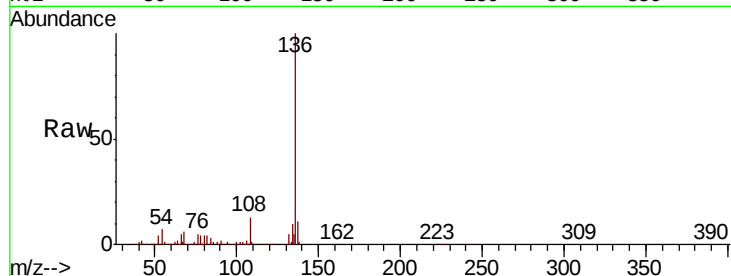
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Instrument :
BNA_G
ClientSampleId :
CL-01-052220MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	316142		
137	10.7		9.4	14.2
54	7.0		5.8	8.6
68	6.2		4.5	6.7

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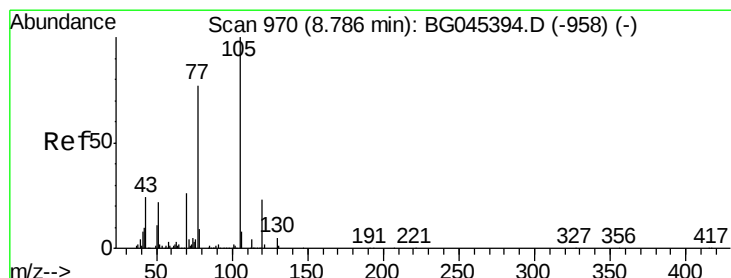
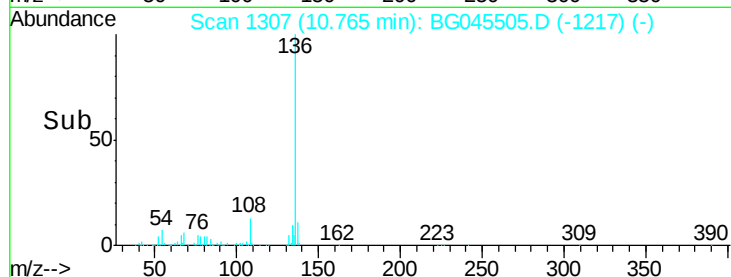
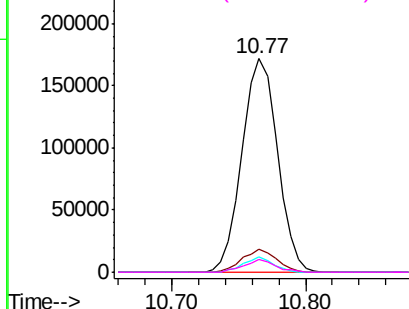
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 48.929 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	366621		
71	4.4		3.4	5.0
51	26.8		18.2	27.2
120	21.6		18.6	27.8

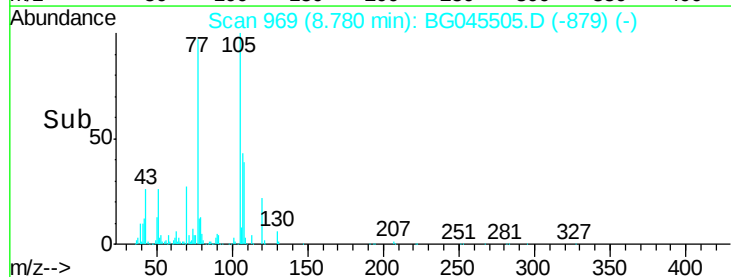
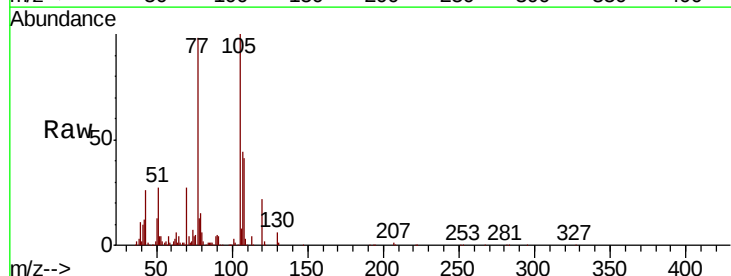
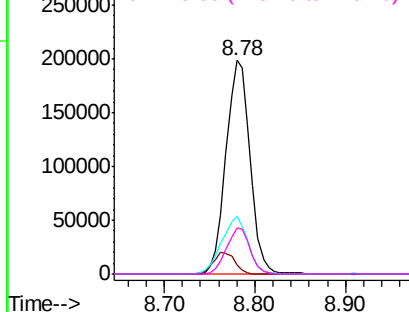
Abundance

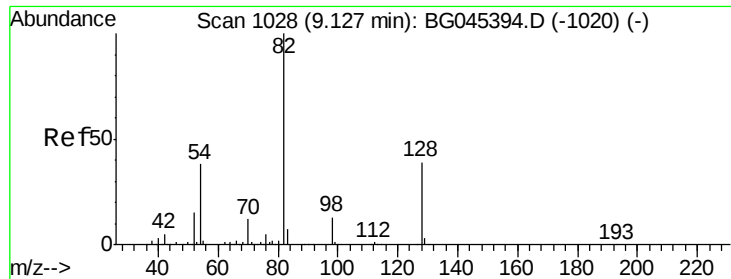
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





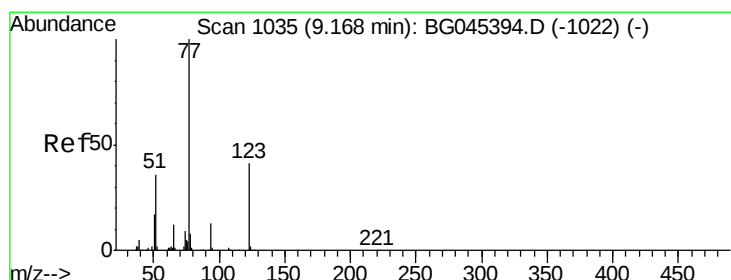
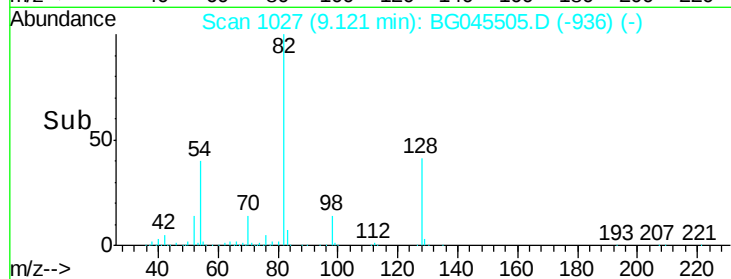
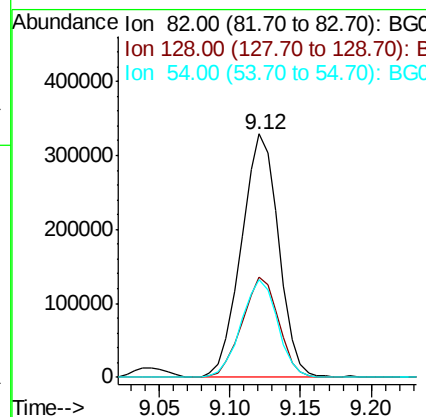
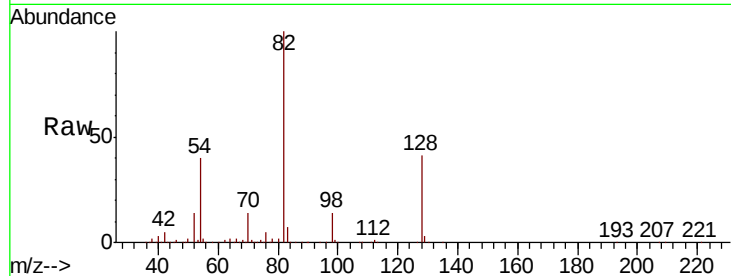
#23
 Nitrobenzene-d5
 Concen: 104.562 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. 0.01 min
 Lab File: BG045505.D
 Acq: 28 May 2020 20:17

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-052220MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	606190		
128	41.3	30.9	46.3	
54	40.1	30.3	45.5	

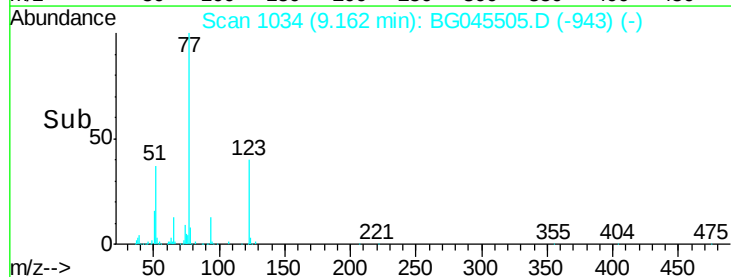
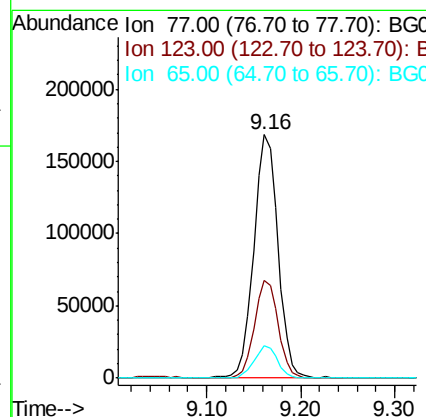
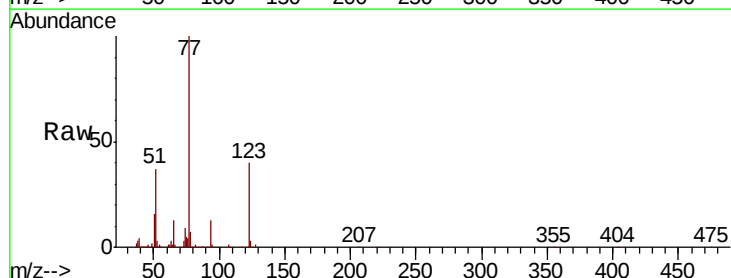
Manual Integrations
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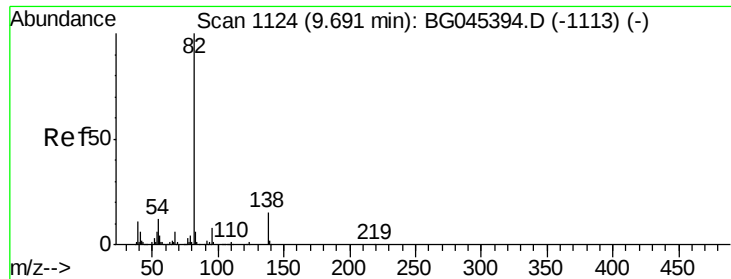
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#24
 Nitrobenzene
 Concen: 48.451 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BG045505.D
 Acq: 28 May 2020 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	300945		
123	40.2	32.9	49.3	
65	13.3	9.4	14.2	





#25

Isophorone

Concen: 48.972 ng

RT: 9.68 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

Instrument :

BNA_G

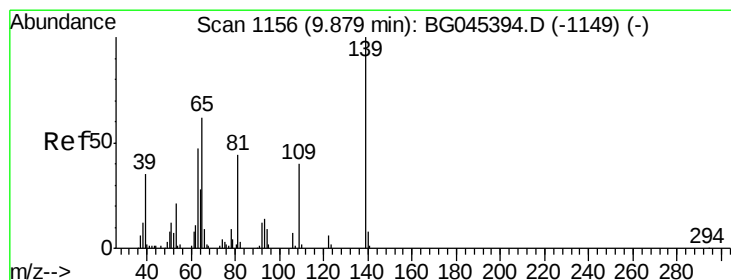
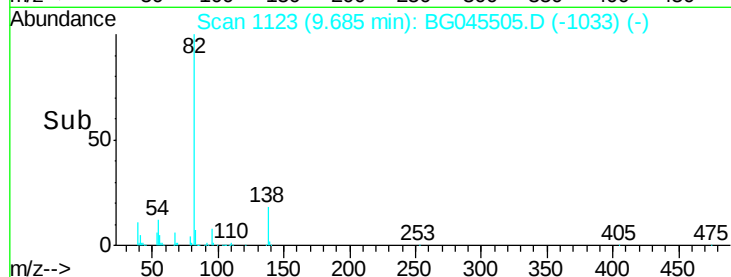
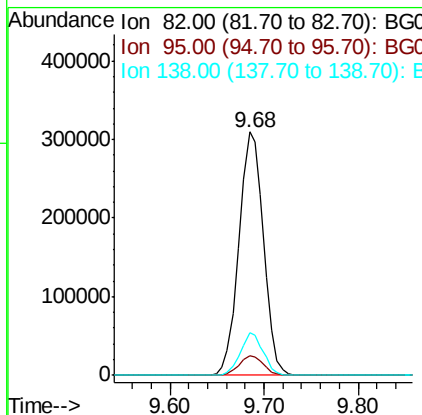
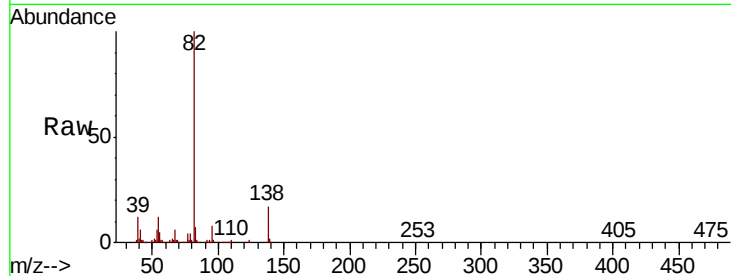
ClientSampleId :

CL-01-052220MS

Tot Ion:	82	Resp:	559132
Ion Ratio	Lower	Upper	
82	100		
95	8.3	6.7	10.1
138	17.3	12.2	18.4

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#26

2-Nitrophenol

Concen: 51.544 ng

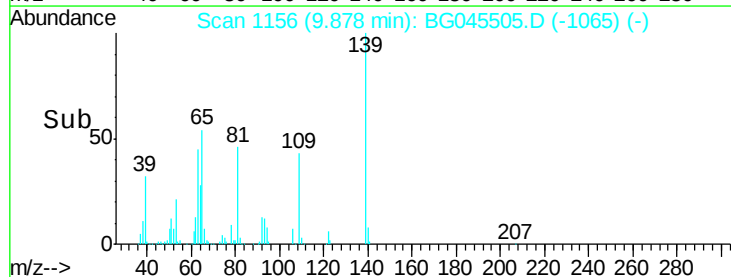
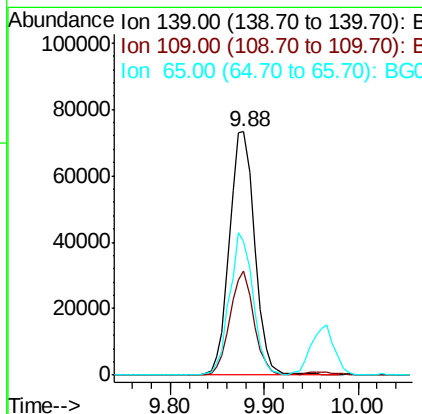
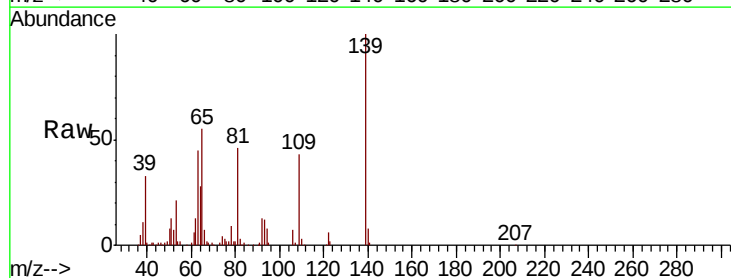
RT: 9.88 min Scan# 1156

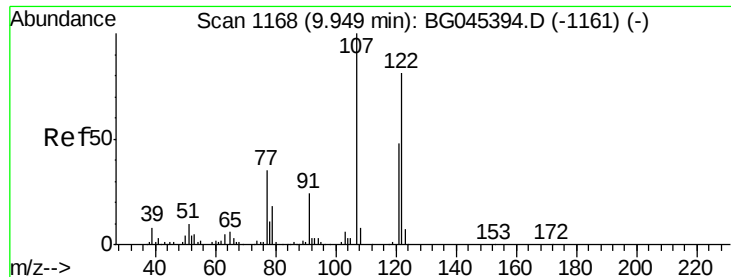
Delta R.T. 0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

Tgt Ion:	139	Resp:	136956
Ion Ratio	Lower	Upper	
139	100		
109	42.8	32.2	48.4
65	54.7	49.6	74.4





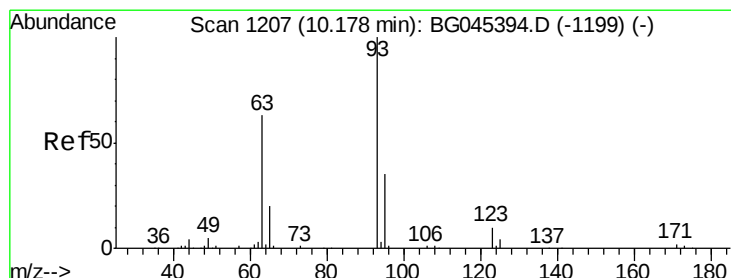
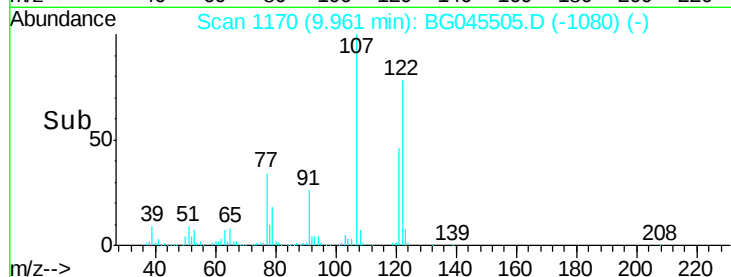
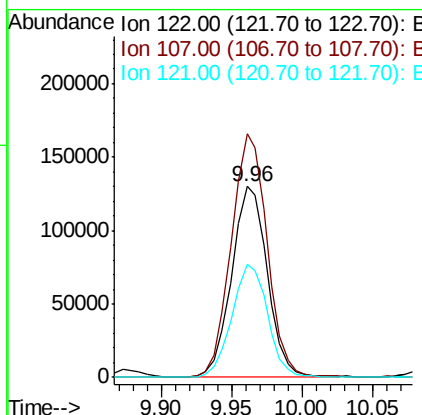
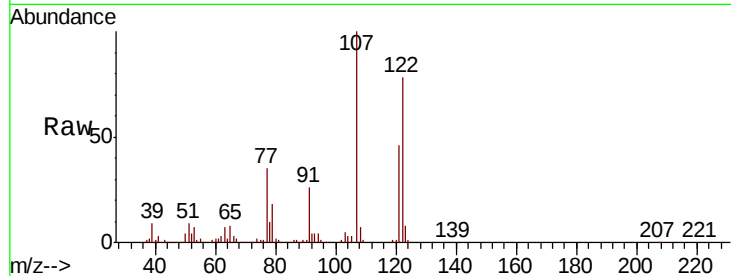
#27
2,4-Dimethylphenol
Concen: 58.246 ng
RT: 9.96 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Instrument :
BNA_G
ClientSampleId :
CL-01-052220MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	229542		
107	127.7	99.0	148.4	
121	59.1	47.7	71.5	

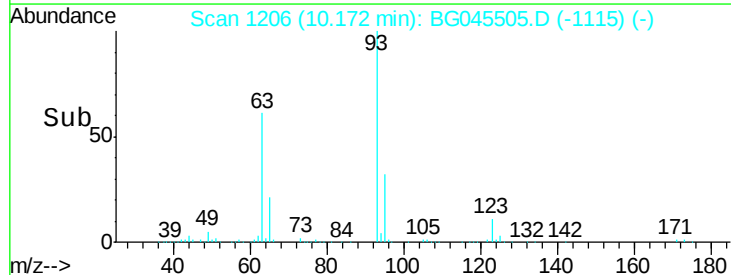
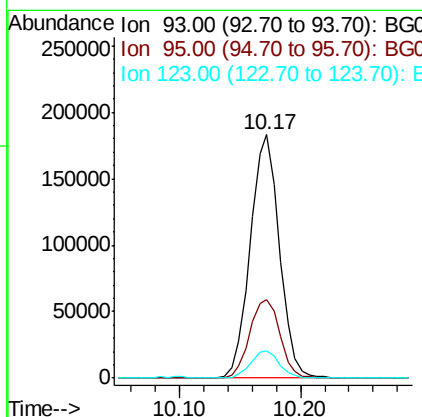
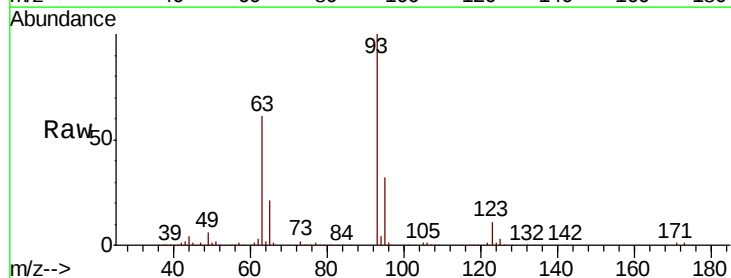
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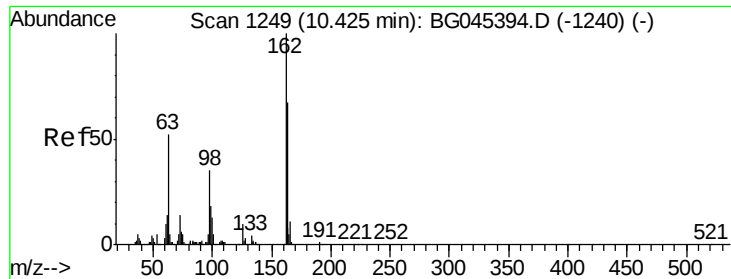
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 51.603 ng
RT: 10.17 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	308983		
95	32.1	27.6	41.4	
123	11.2	8.1	12.1	





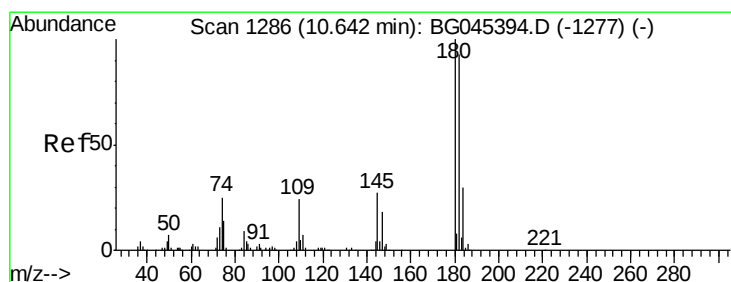
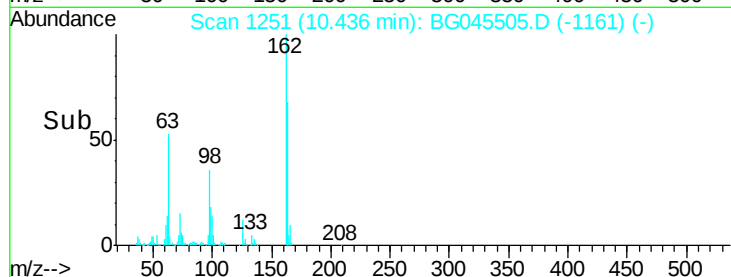
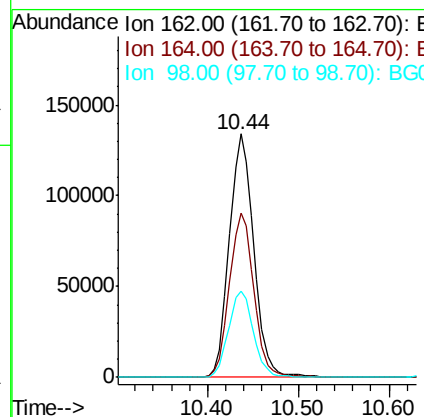
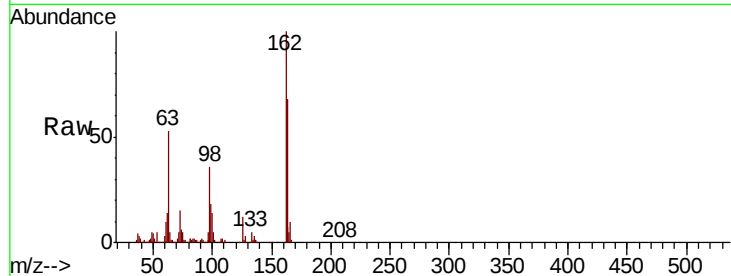
#29
 2,4-Dichlorophenol
 Concen: 54.000 ng
 RT: 10.44 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: BG045505.D
 Acq: 28 May 2020 20:17

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-052220MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	251302		
164	67.7	46.8	86.8	
98	35.5	15.2	55.2	

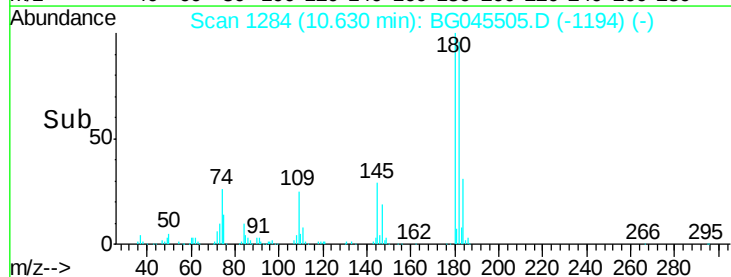
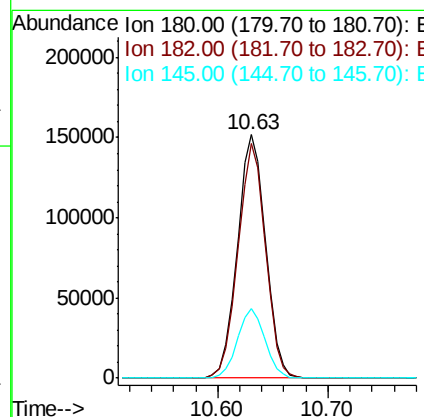
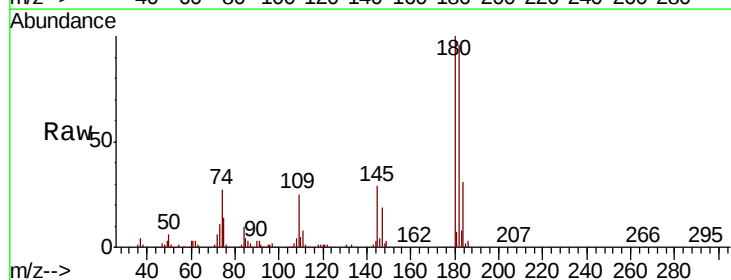
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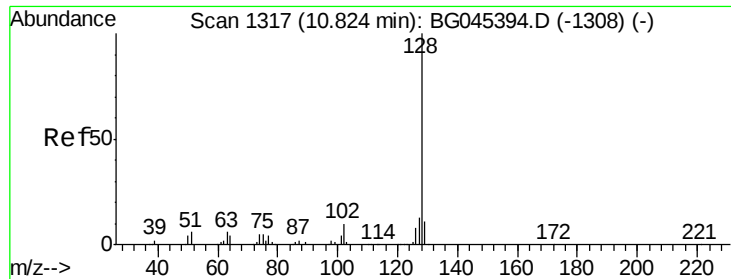
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 49.400 ng
 RT: 10.63 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: BG045505.D
 Acq: 28 May 2020 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	271651		
182	96.3	74.8	112.2	
145	28.6	21.9	32.9	





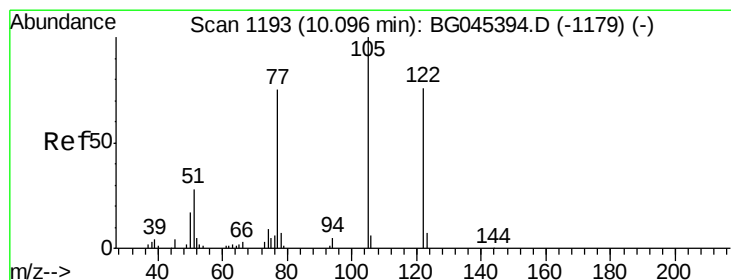
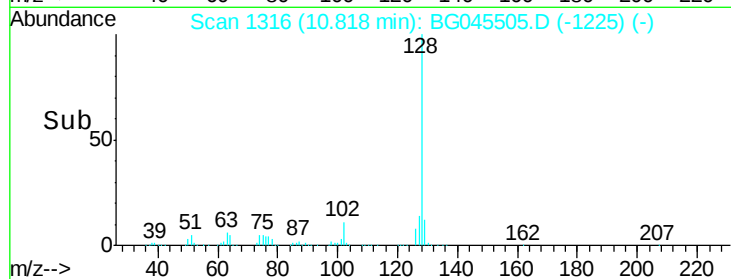
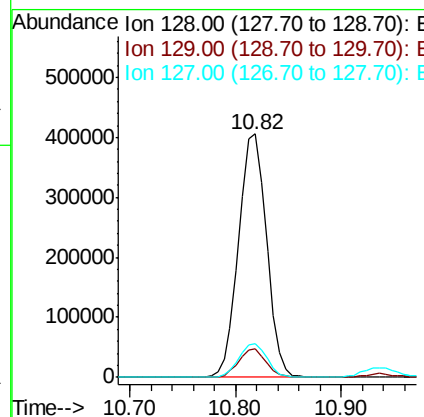
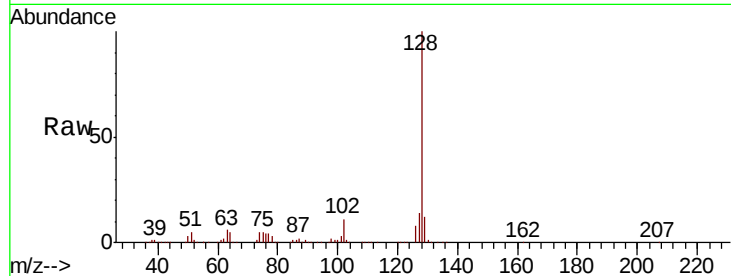
#31
Naphthalene
Concen: 50.485 ng
RT: 10.82 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Instrument :
BNA_G
ClientSampleId :
CL-01-052220MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	743750		
129	11.6	9.0	13.6	
127	14.0	10.7	16.1	

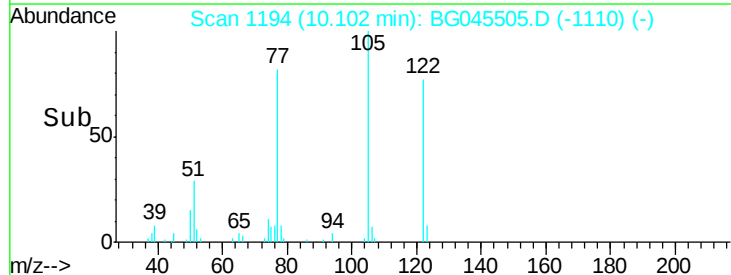
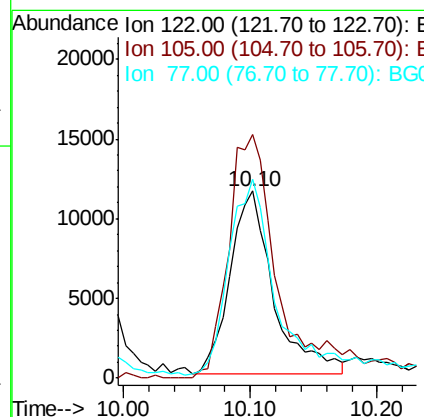
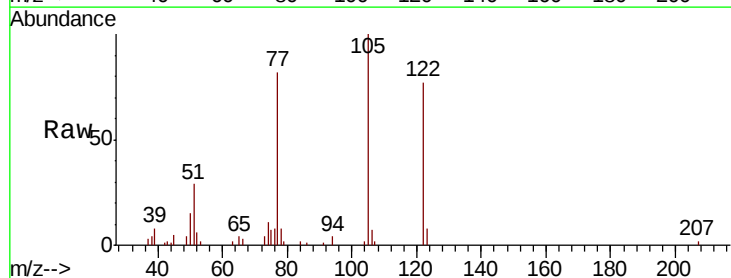
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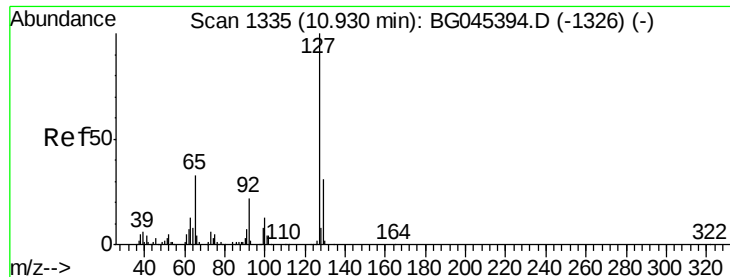
mohammad
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#32
Benzoic acid
Concen: 18.112 ng
RT: 10.10 min Scan# 1194
Delta R.T. -0.04 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	27404		
105	130.2	107.9	147.9	
77	106.2	78.9	118.9	





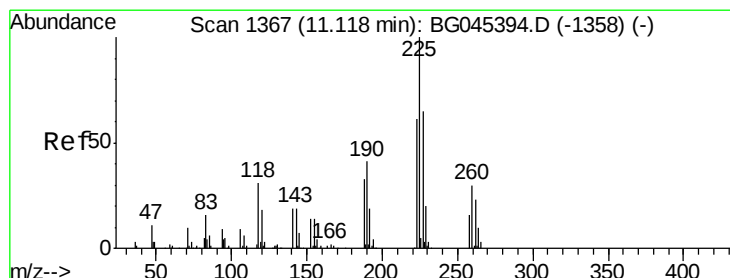
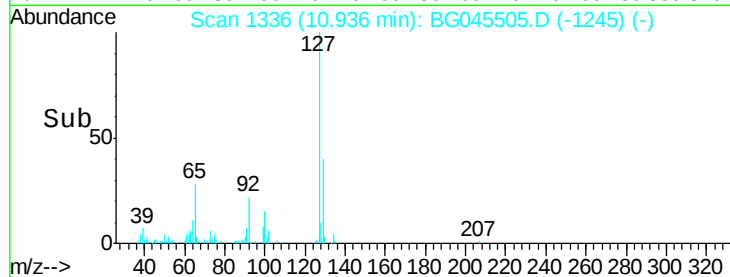
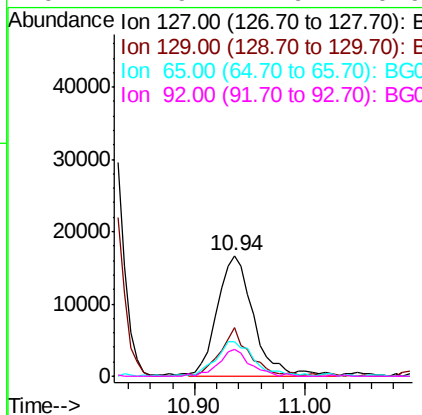
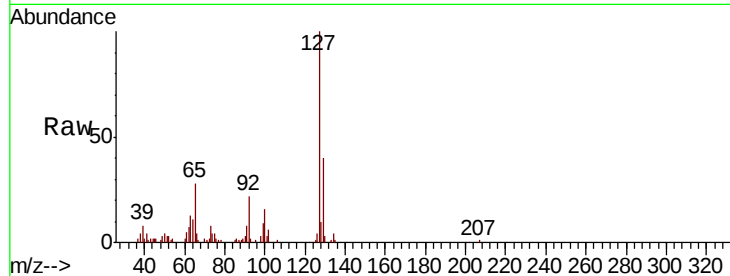
#33
4-Chloroaniline
Concen: 6.186 ng
RT: 10.94 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Instrument :
BNA_G
ClientSampleId :
CL-01-052220MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	39.8	24.7	37.1#		
65	28.2	26.2	39.2		
92	21.9	17.9	26.9		

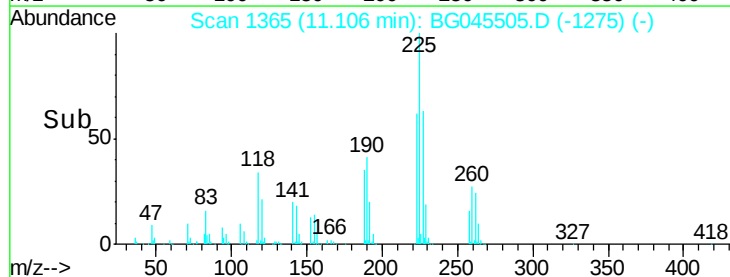
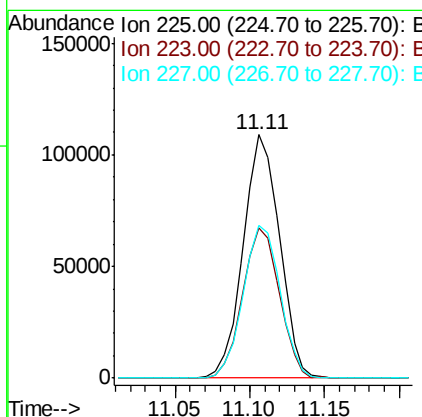
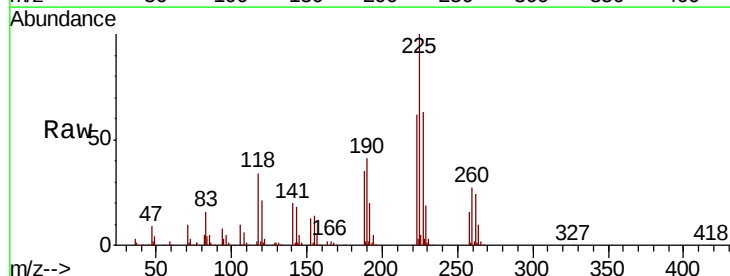
Manual Integrations
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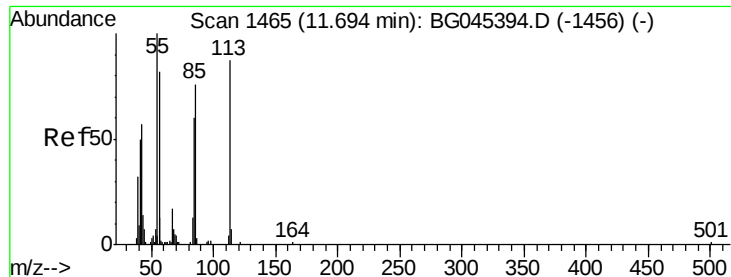
mohammad
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#34
Hexachlorobutadiene
Concen: 47.253 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.7	49.1	73.7		
227	63.0	52.0	78.0		





#35

Caprolactam

Concen: 36.195 ng/mL

RT: 11.70 min Scan# 1466

Delta R.T. -0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

Instrument :

BNA_G

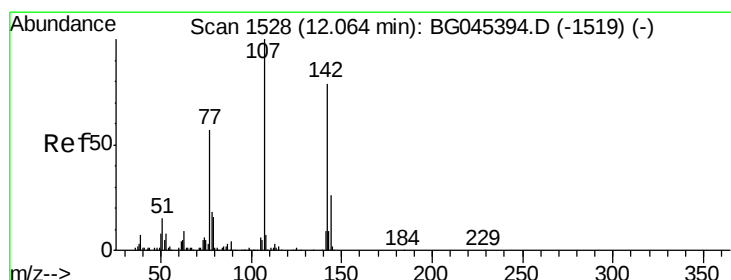
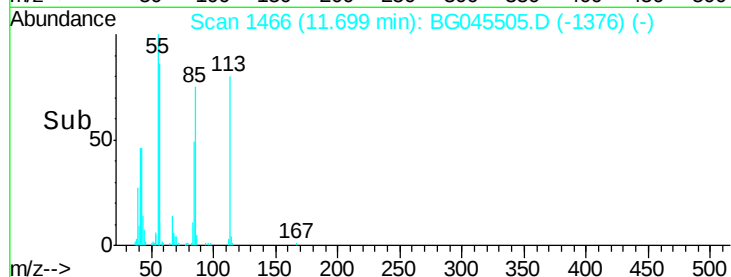
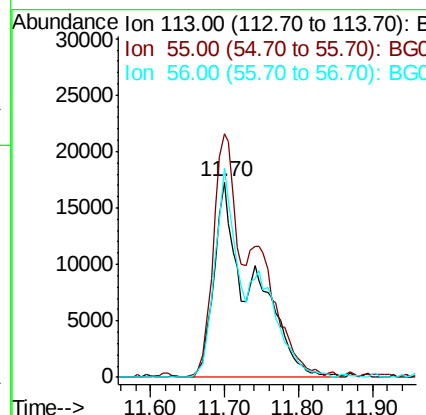
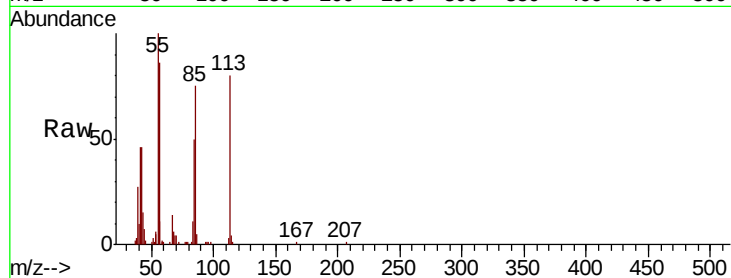
ClientSampleId :

CL-01-052220MS

Tot Ion:	113	Resp:	61826
Ion	Ratio	Lower	Upper
113	100		
55	124.5	96.0	136.0
56	107.3	75.1	115.1

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#36

4-Chloro-3-methylphenol

Concen: 52.746 ng/mL

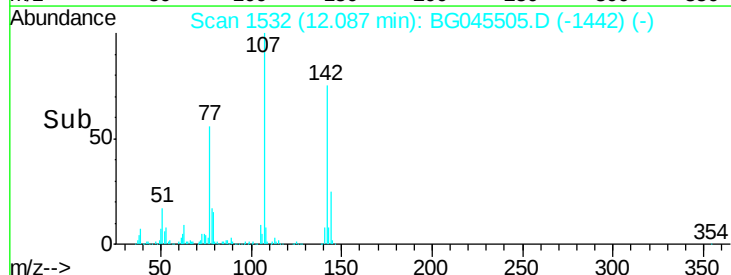
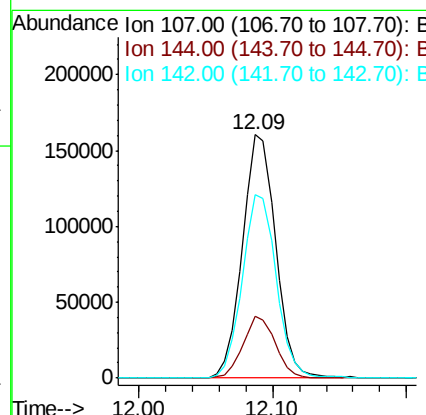
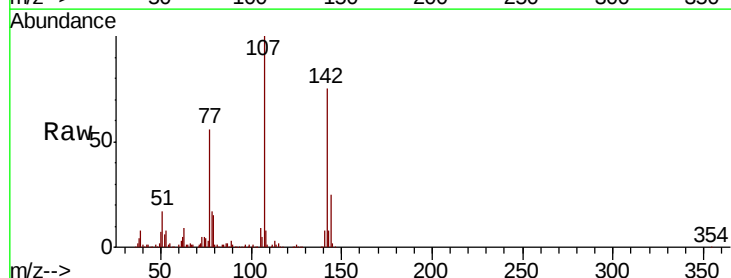
RT: 12.09 min Scan# 1532

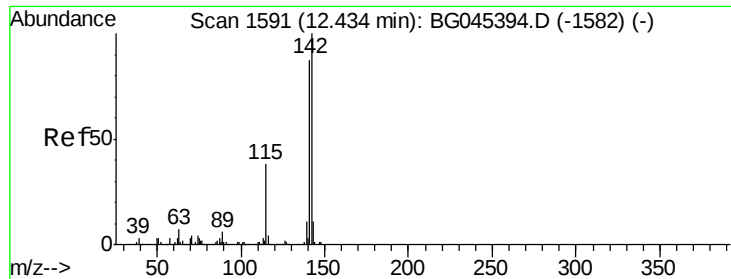
Delta R.T. -0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

Tgt Ion:	107	Resp:	276599
Ion	Ratio	Lower	Upper
107	100		
144	25.2	20.8	31.2
142	75.2	62.8	94.2





#37

2-Methylnaphthalene

Concen: 51.319 ng

RT: 12.43 min Scan# 1590

Delta R.T. 0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

Instrument :

BNA_G

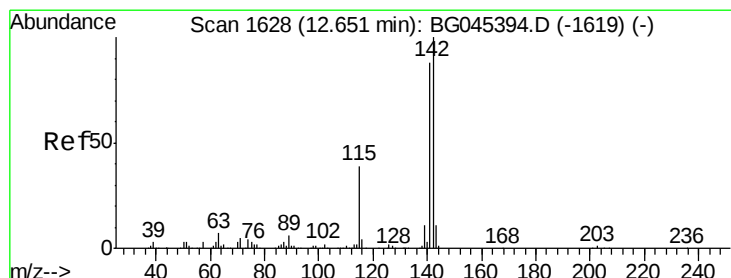
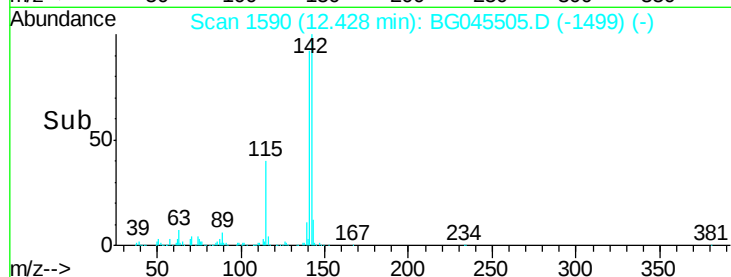
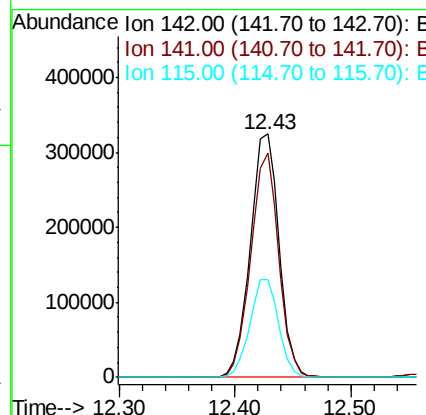
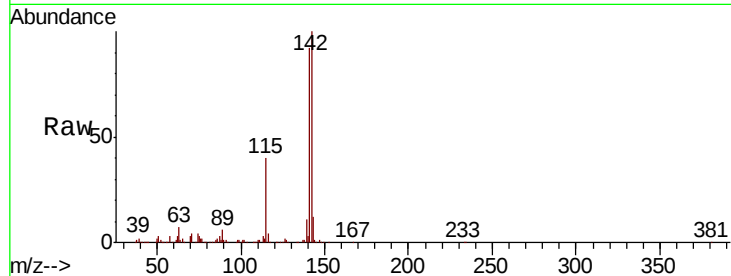
ClientSampleId :

CL-01-052220MS

Tot Ion:	142	Resp:	563495
Ion Ratio	Lower	Upper	
142	100		
141	92.1	70.0	105.0
115	40.0	30.8	46.2

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#38

1-Methylnaphthalene

Concen: 51.575 ng

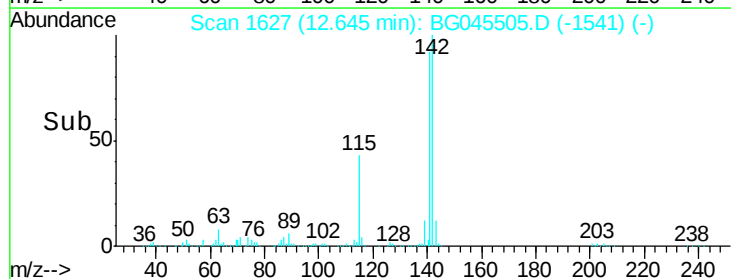
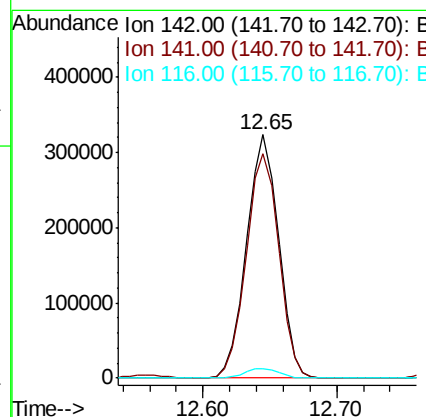
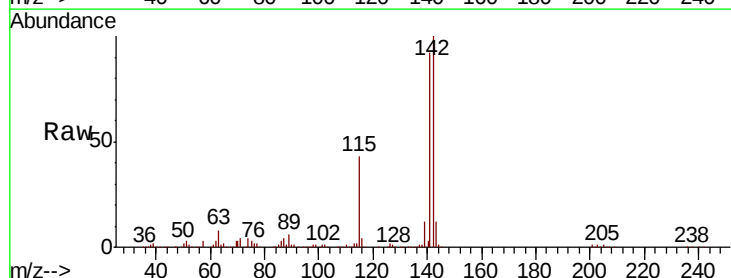
RT: 12.65 min Scan# 1627

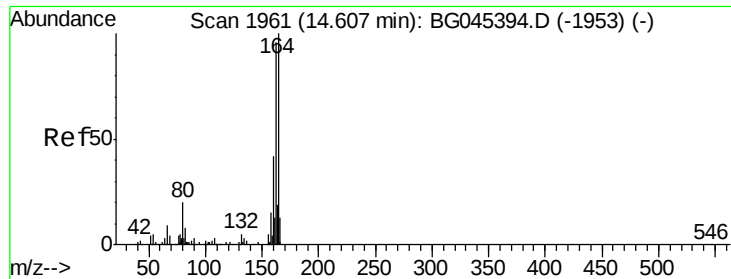
Delta R.T. 0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

Tgt Ion:	142	Resp:	534947
Ion Ratio	Lower	Upper	
142	100		
141	92.1	70.8	106.2
116	4.0	3.0	4.6





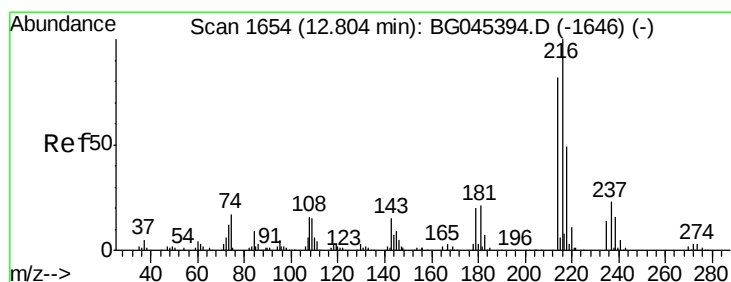
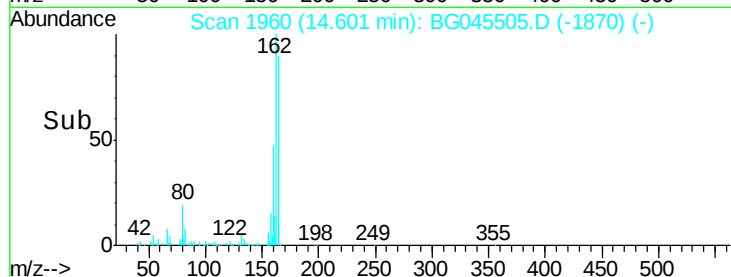
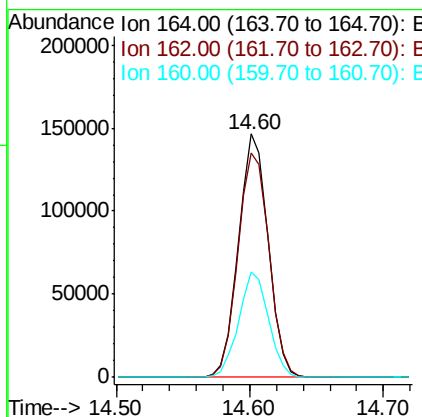
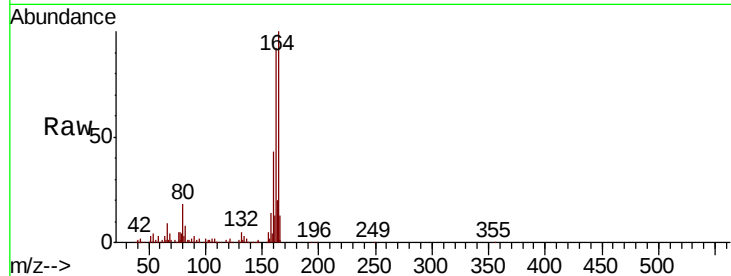
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.60 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Instrument :
BNA_G
ClientSampleId :
CL-01-052220MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	92.3	76.9	115.3
160	43.4	33.8	50.8

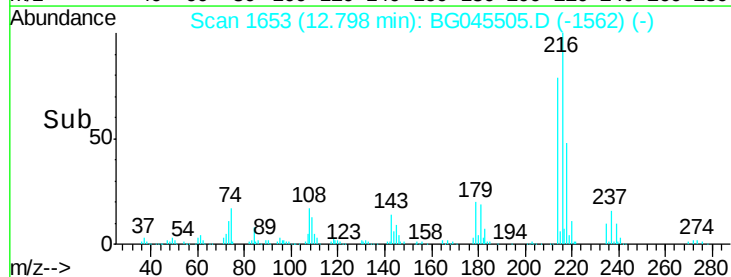
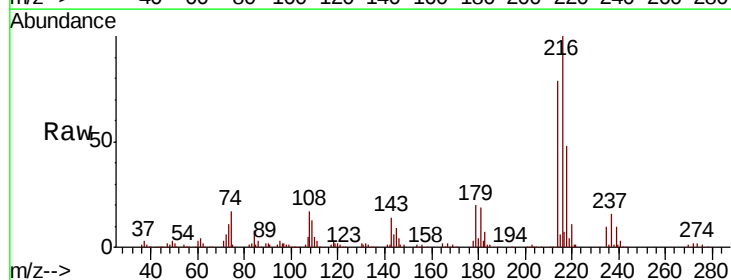
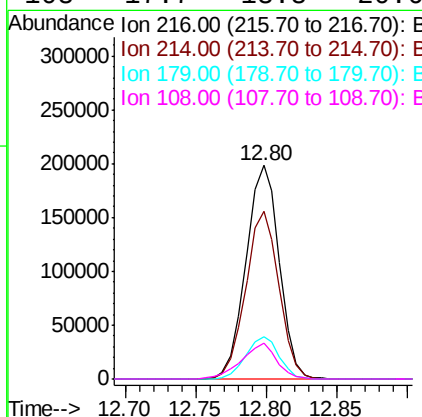
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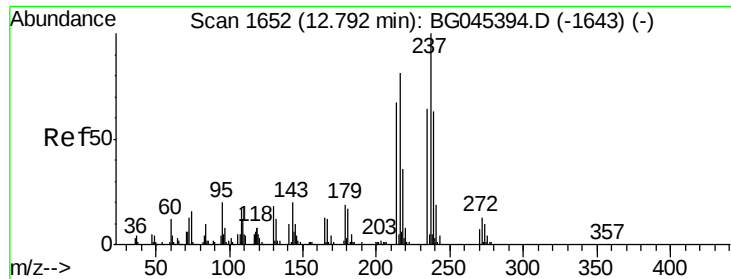
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.199 ng
RT: 12.80 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.7	95.5
179	19.8	16.1	24.1
108	17.7	13.8	20.6





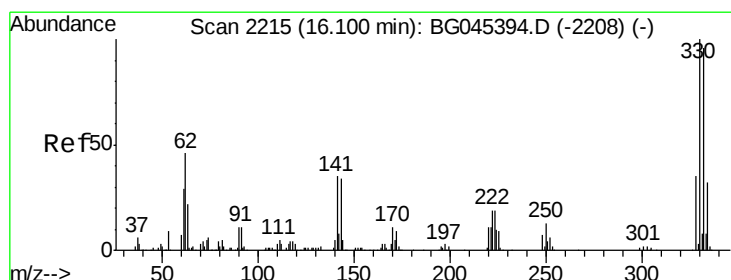
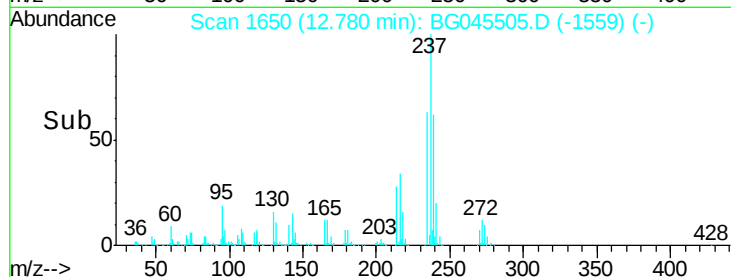
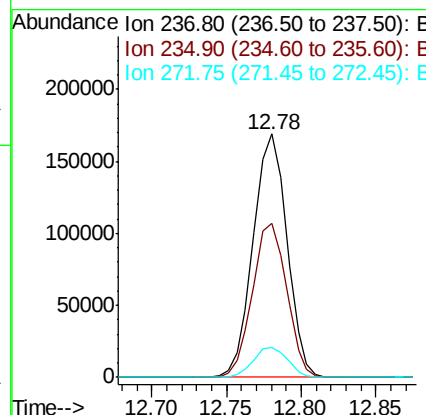
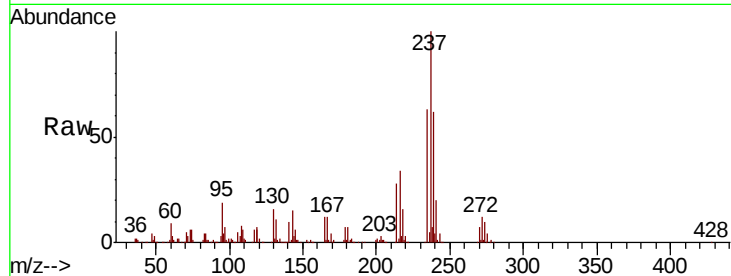
#41
Hexachlorocyclopentadiene
Concen: 72.702 ng
RT: 12.78 min Scan# 1650
Delta R.T. 0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Instrument :
BNA_G
ClientSampleId :
CL-01-052220MS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	263784		
235	63.3	44.4	84.4	
272	12.1	0.0	32.5	

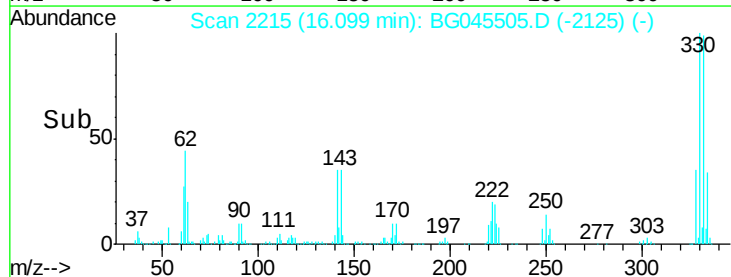
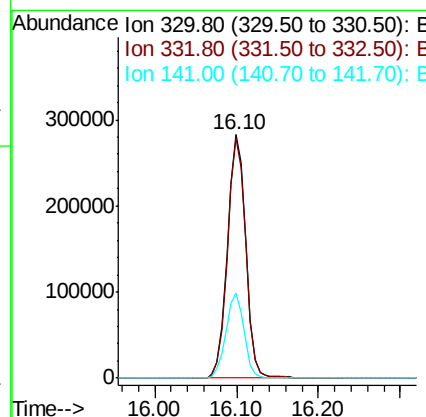
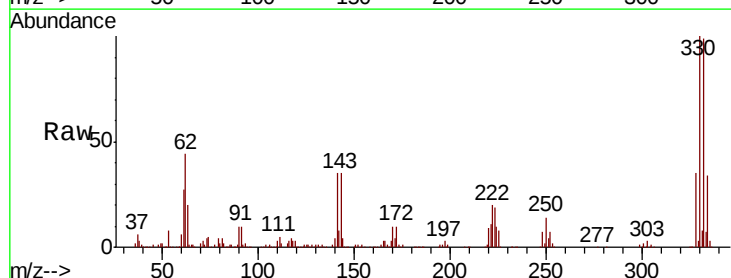
Manual Integrations
APPROVED

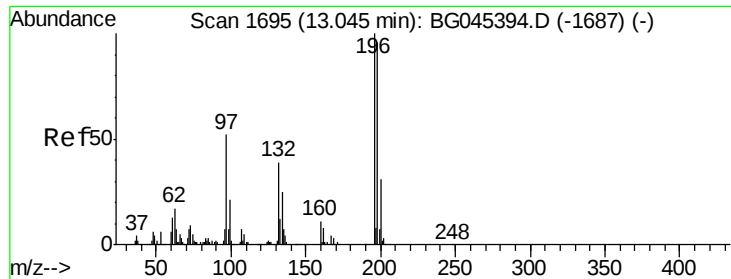
mohammad
5/29/2020 10:27:06 PM



#42
2,4,6-Tribromophenol
Concen: 153.004 ng
RT: 16.10 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	440381		
332	97.9	78.2	117.4	
141	34.2	28.2	42.4	





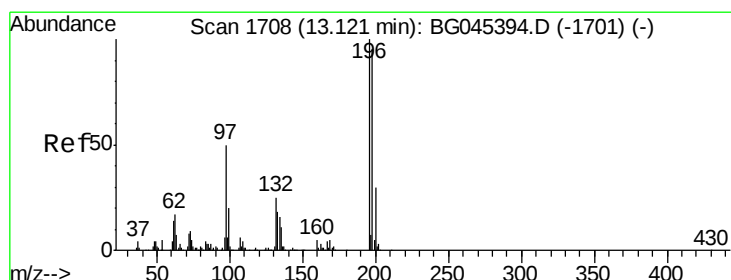
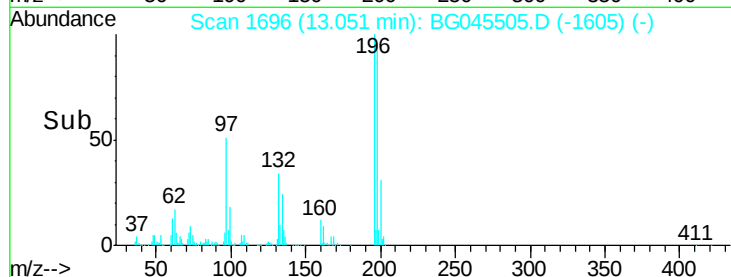
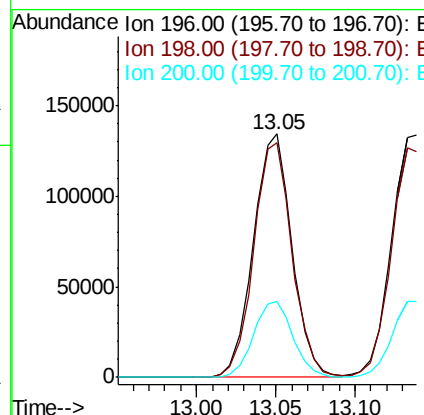
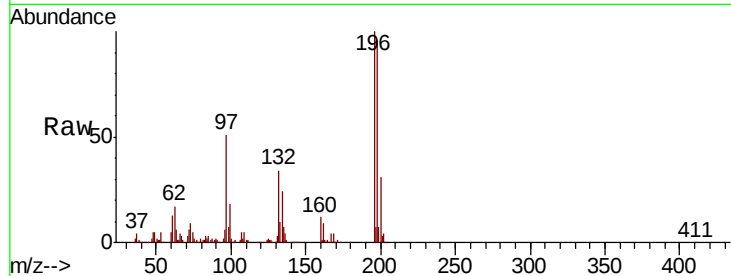
#43
 2,4,6-Trichlorophenol
 Concen: 52.040 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. 0.00 min
 Lab File: BG045505.D
 Acq: 28 May 2020 20:17

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-052220MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	227248		
198	96.4	76.7	115.1	
200	31.2	24.9	37.3	

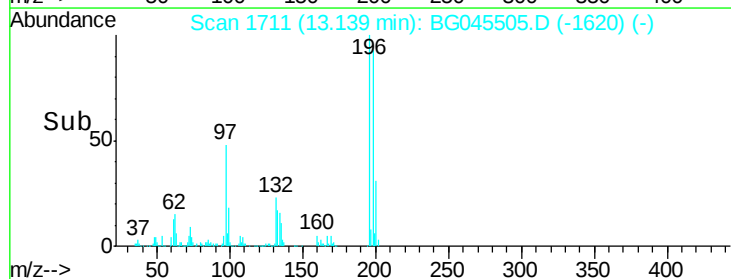
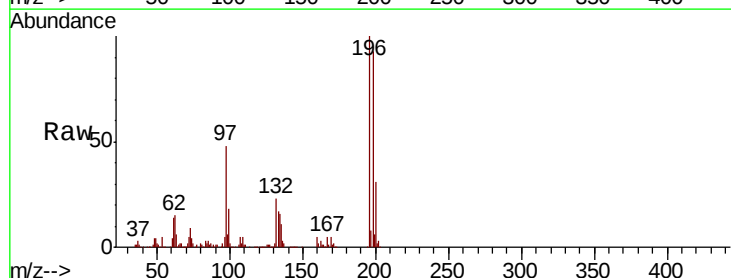
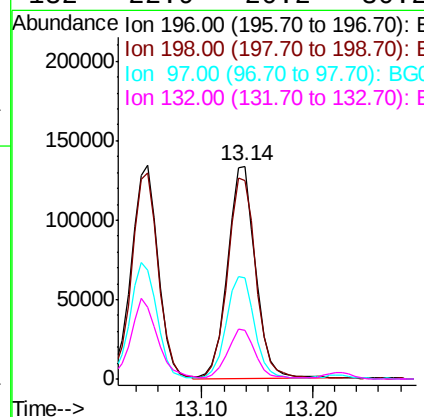
Manual Integrations
 APPROVED

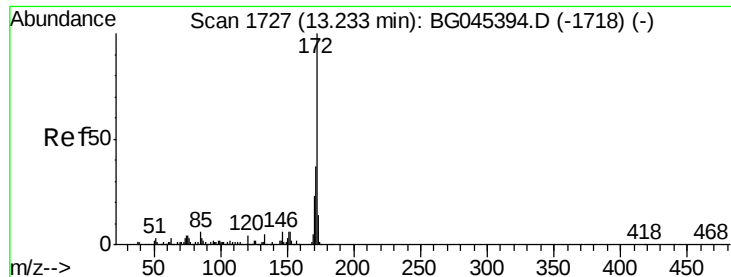
mohammad
 5/29/2020 10:27:06 PM



#44
 2,4,5-Trichlorophenol
 Concen: 47.310 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. 0.00 min
 Lab File: BG045505.D
 Acq: 28 May 2020 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	236080		
198	93.3	76.1	114.1	
97	47.6	40.0	60.0	
132	22.9	20.2	30.2	





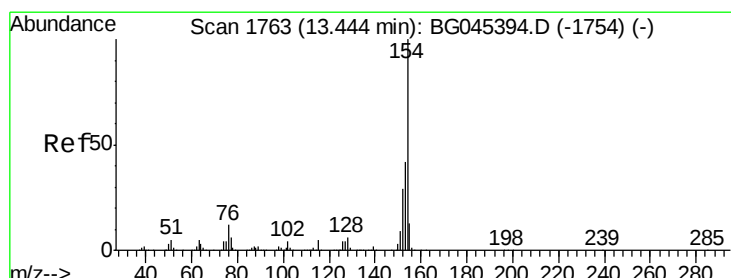
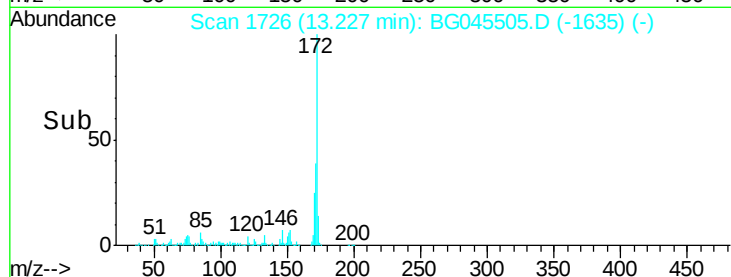
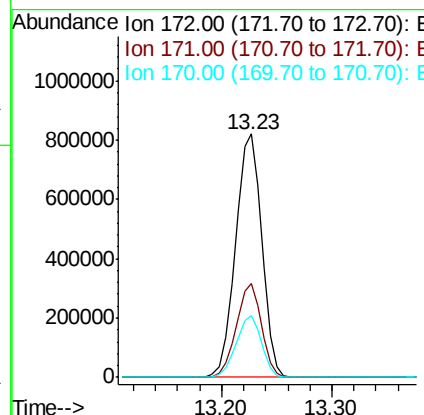
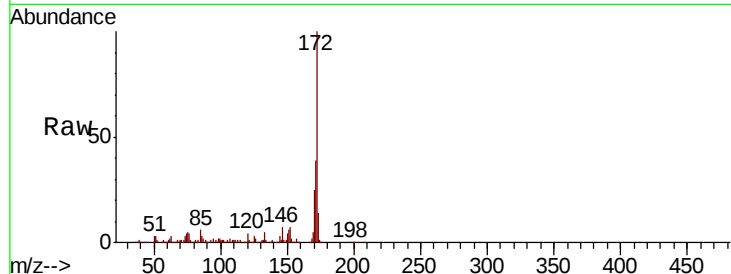
#45
2-Fluorobiphenyl
Concen: 103.026 ng
RT: 13.23 min Scan# 1726
Delta R.T. 0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Instrument :
BNA_G
ClientSampleId :
CL-01-052220MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.5	29.5	44.3
170	25.4	18.5	27.7

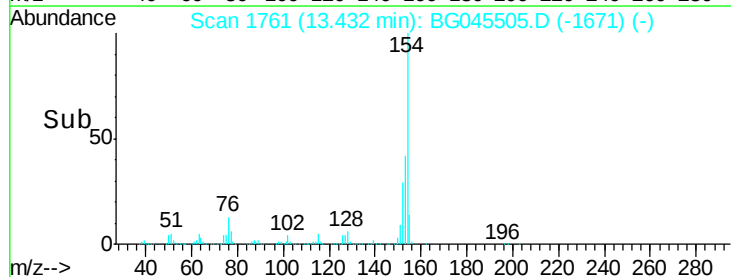
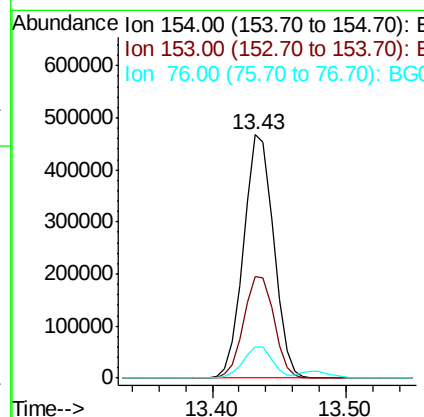
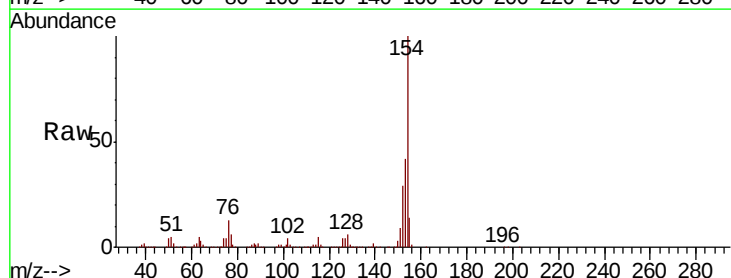
Manual Integrations
APPROVED

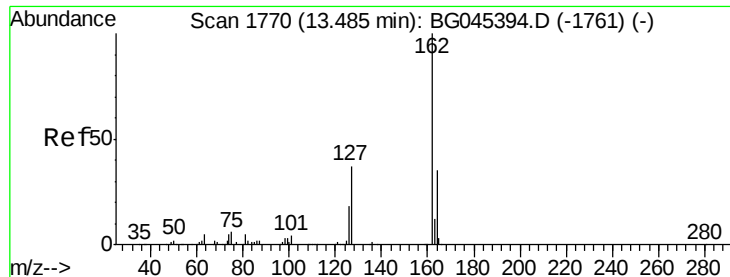
mohammad
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#46
1,1'-Biphenyl
Concen: 52.600 ng
RT: 13.43 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	22.2	62.2
76	12.7	0.0	32.4





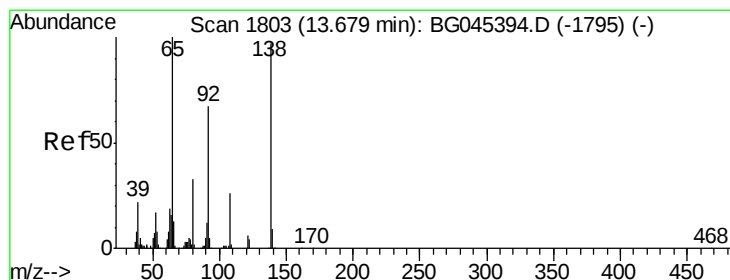
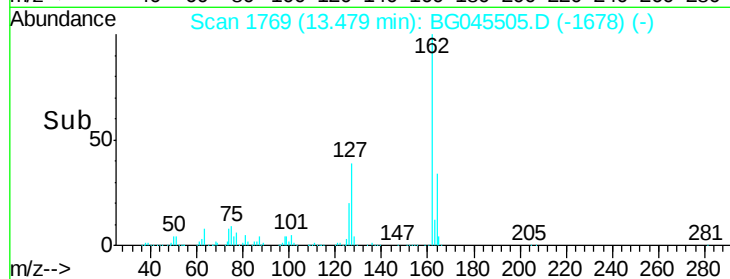
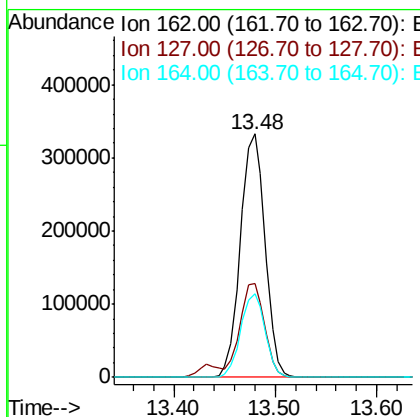
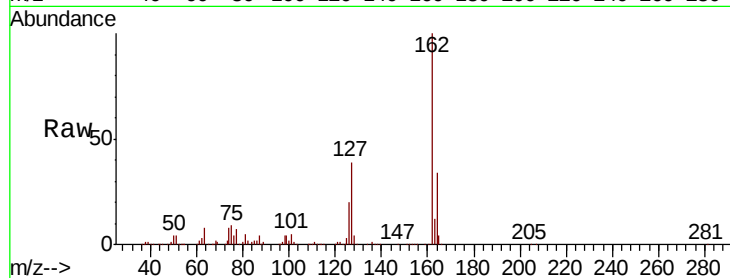
#47
2-Chloronaphthalene
Concen: 50.007 ng
RT: 13.48 min Scan# 1769
Delta R.T. 0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Instrument :
BNA_G
ClientSampleId :
CL-01-052220MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.7	31.6	47.4
164	34.1	28.1	42.1

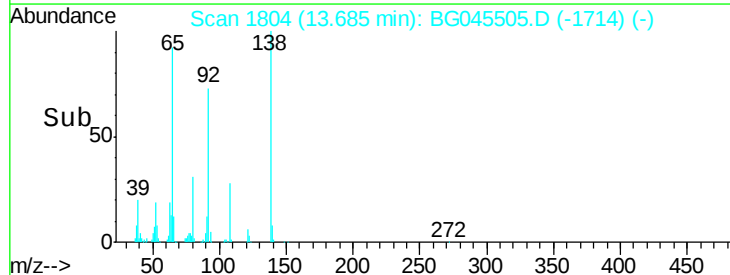
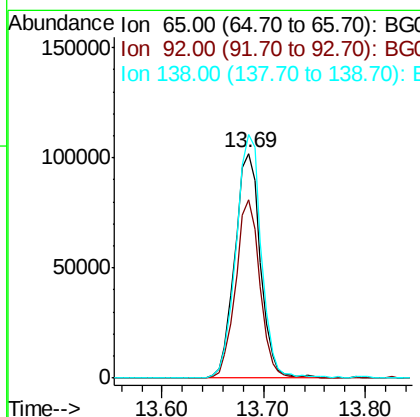
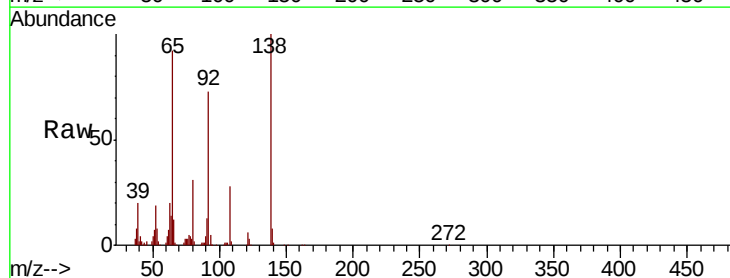
Manual Integrations
APPROVED

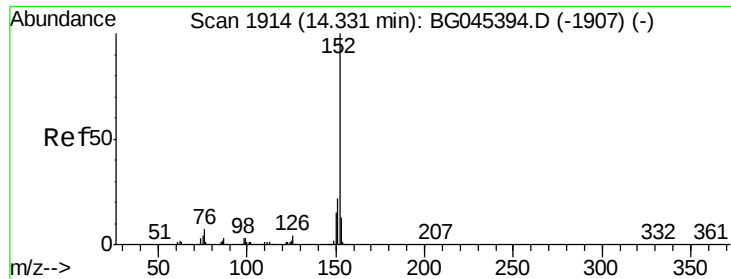
mohammad
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#48
2-Nitroaniline
Concen: 48.632 ng
RT: 13.69 min Scan# 1804
Delta R.T. -0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	79.3	53.8	80.8
138	108.3	77.9	116.9





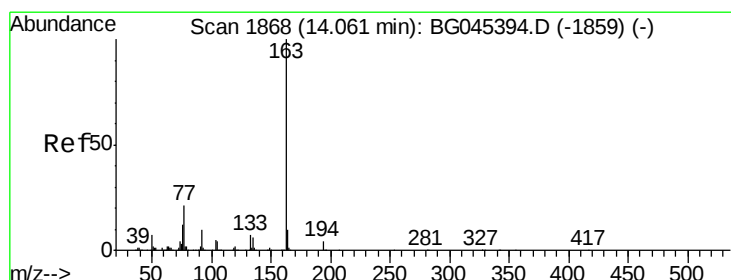
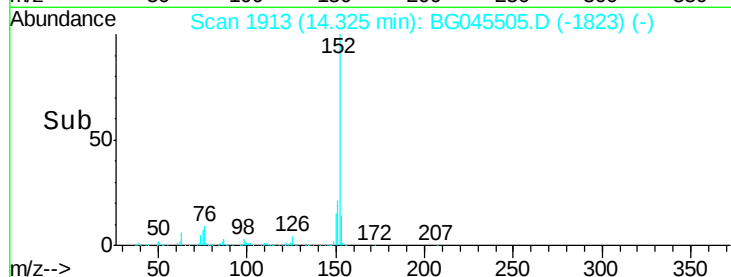
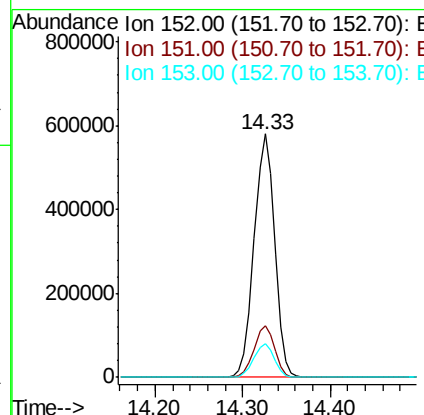
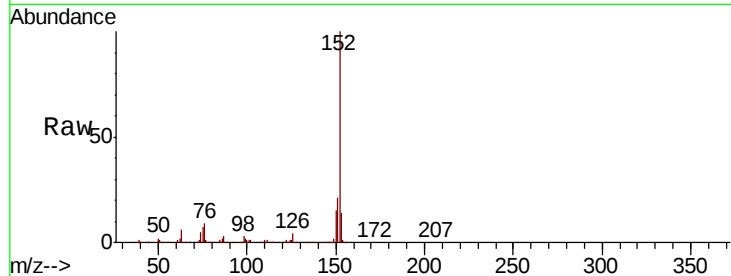
#49
Acenaphthylene
Concen: 50.873 ng
RT: 14.33 min Scan# 1913
Delta R.T. -0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Instrument :
BNA_G
ClientSampleId :
CL-01-052220MS

Tot Ion:	152	Resp:	917615
Ion Ratio	Lower	Upper	
152	100		
151	21.4	17.4	26.2
153	13.6	10.7	16.1

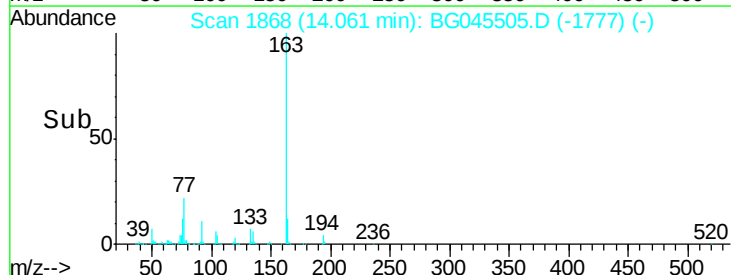
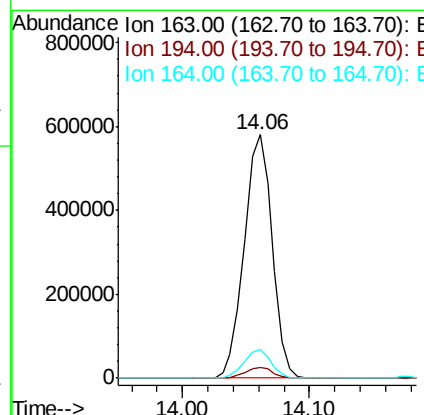
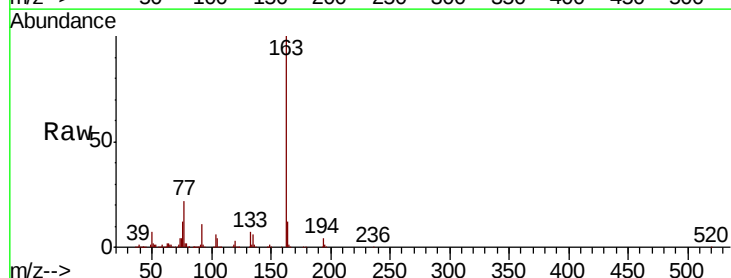
Manual Integrations
APPROVED

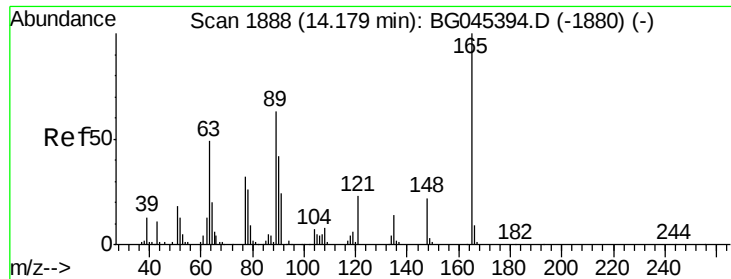
mohammad
5/29/2020 10:27:06 PM



#50
Dimethylphthalate
Concen: 57.416 ng
RT: 14.06 min Scan# 1868
Delta R.T. 0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Tgt Ion:	163	Resp:	886427
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.2	4.8
164	11.7	8.3	12.5





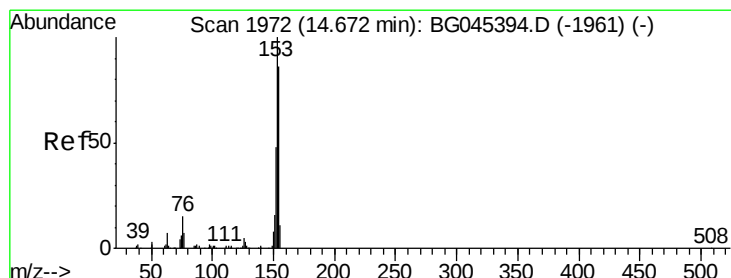
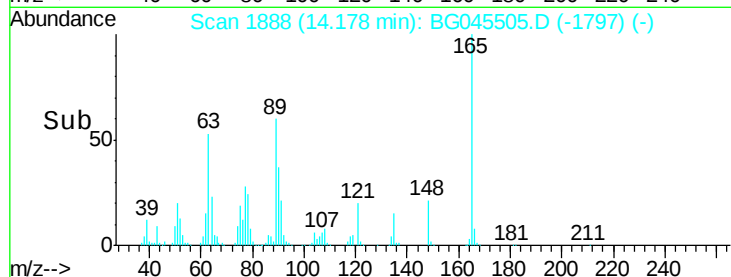
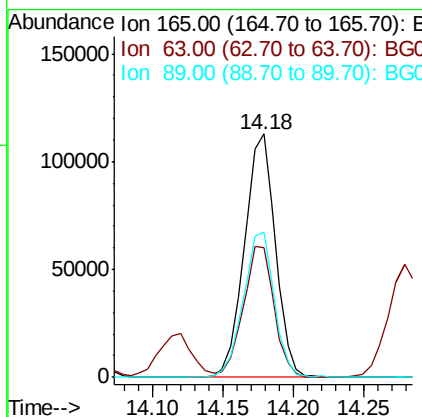
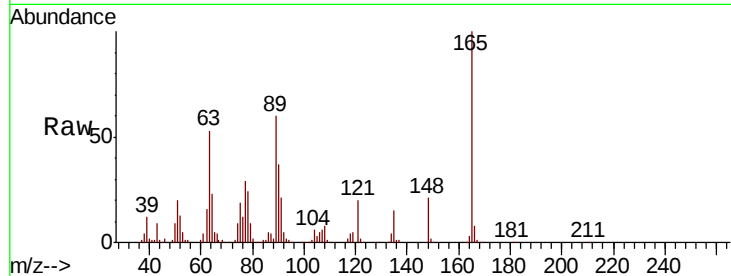
#51
2,6-Dinitrotoluene
Concen: 49.772 ng
RT: 14.18 min Scan# 1888
Delta R.T. 0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Instrument :
BNA_G
ClientSampleId :
CL-01-052220MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	53.4	45.0	67.4
89	59.8	50.2	75.4

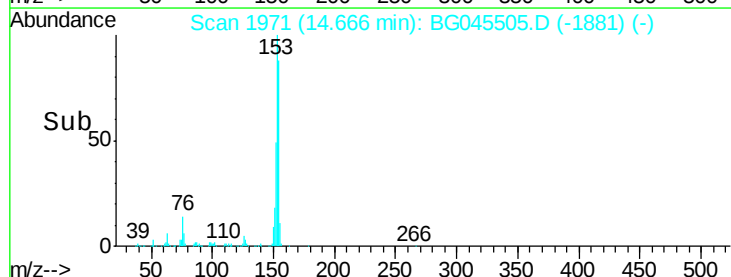
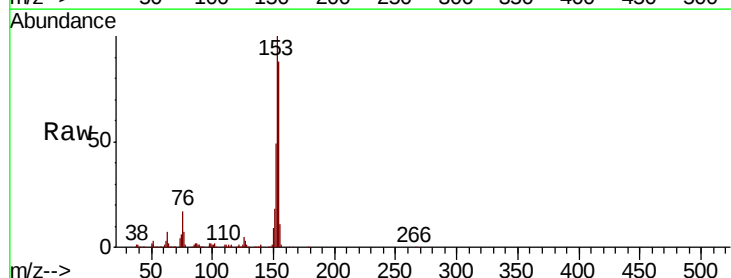
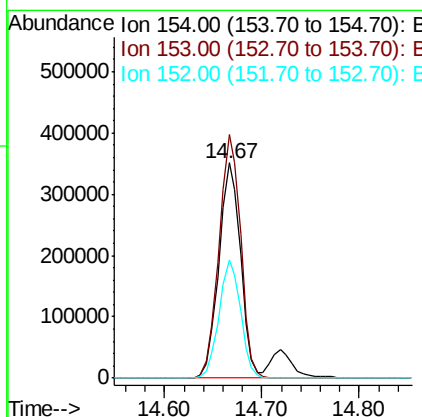
Manual Integrations
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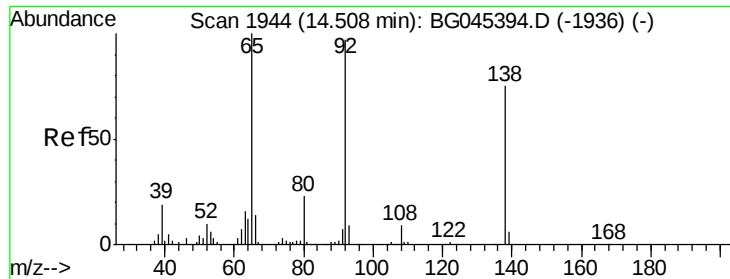
mohammad
5/29/2020 10:27:06 PM



#52
Acenaphthene
Concen: 50.963 ng m
RT: 14.67 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.2	92.8	139.2
152	55.1	44.6	66.8





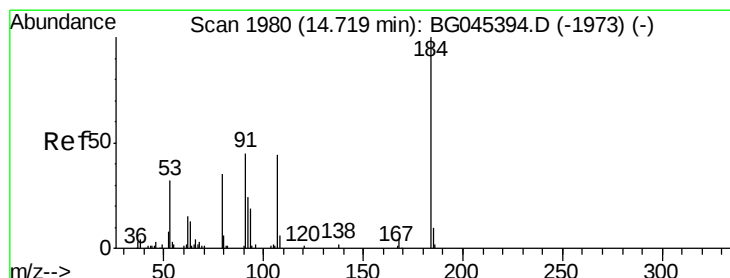
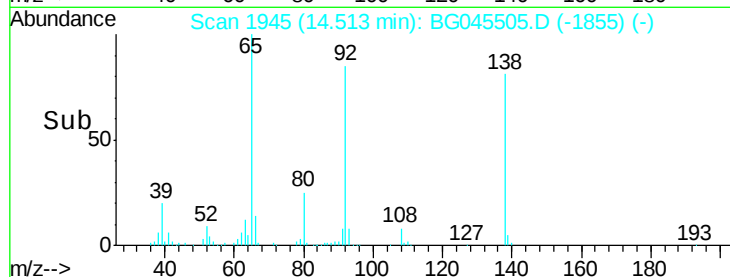
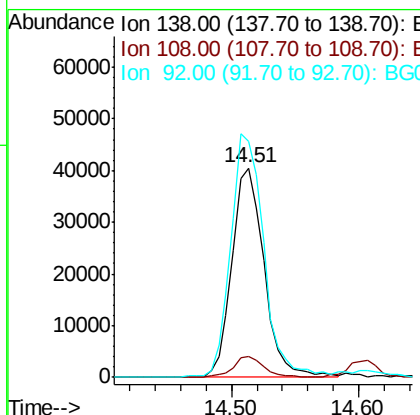
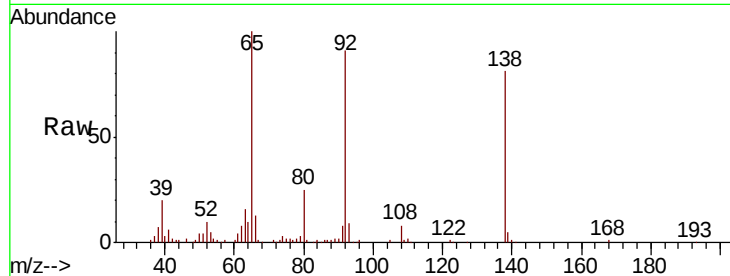
#53
3-Nitroaniline
Concen: 20.084 ng
RT: 14.51 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Instrument :
BNA_G
ClientSampleId :
CL-01-052220MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	9.8	14.6
92	112.5	103.0	154.4

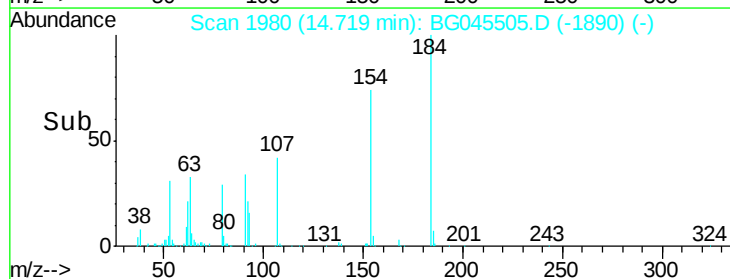
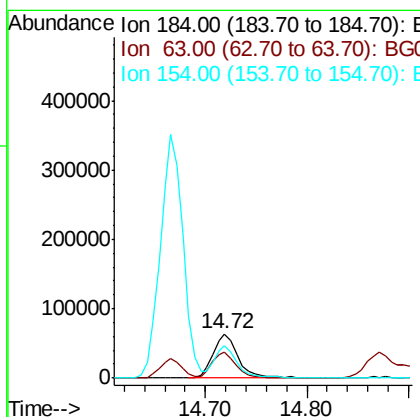
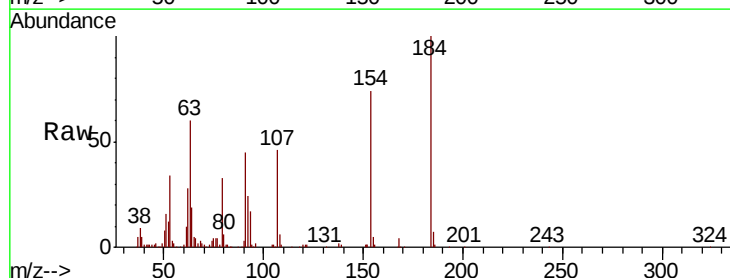
Manual Integrations
APPROVED

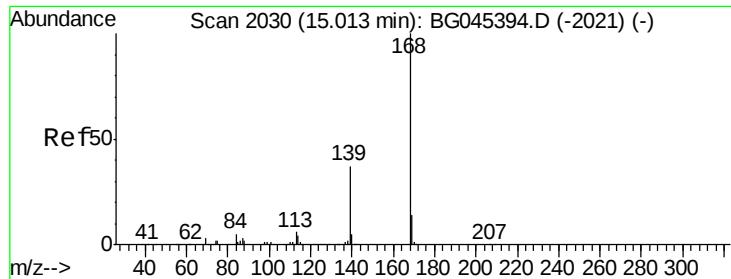
mohammad
5/29/2020 10:27:06 PM



#54
2,4-Dinitrophenol
Concen: 50.568 ng
RT: 14.72 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.8	47.8	71.6
154	73.7	58.3	87.5





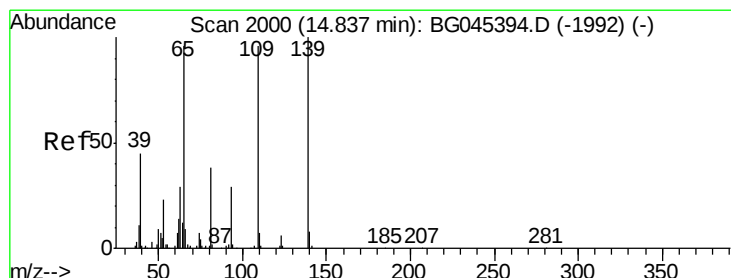
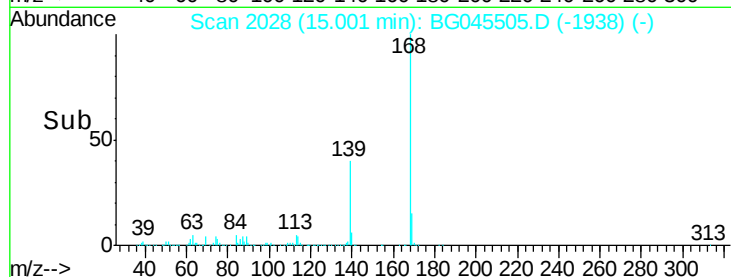
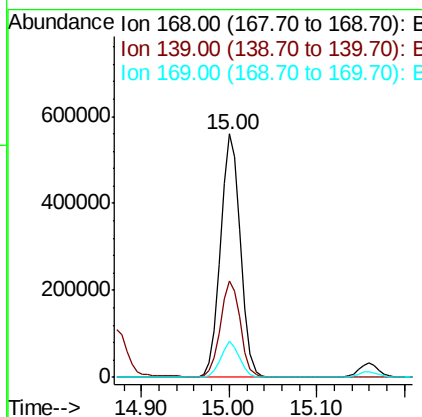
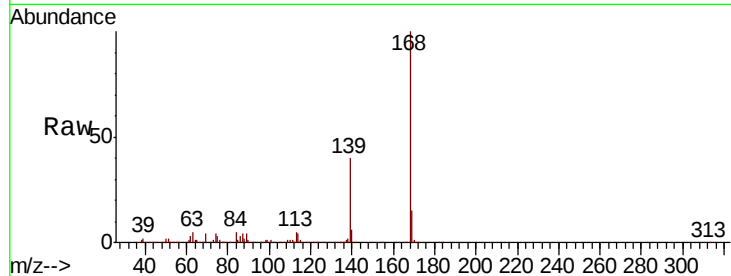
#55
Dibenzenofuran
Concen: 49.121 ng
RT: 15.00 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Instrument :
BNA_G
ClientSampleId :
CL-01-052220MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.6	29.9	44.9
169	14.8	10.9	16.3

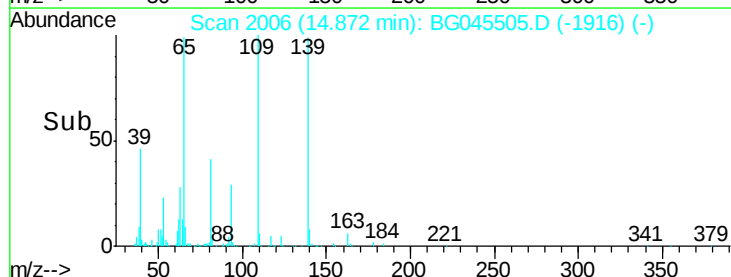
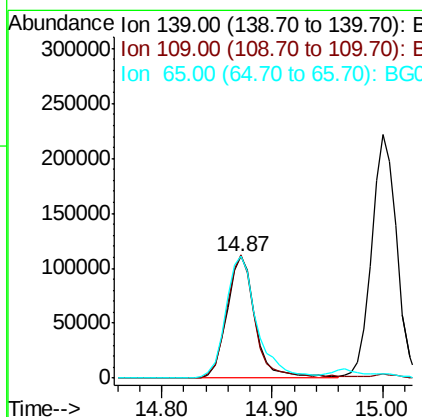
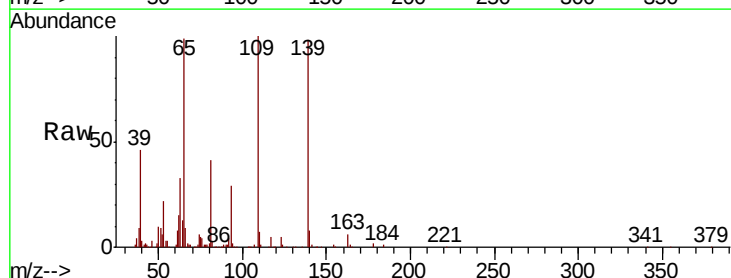
Manual Integrations
APPROVED

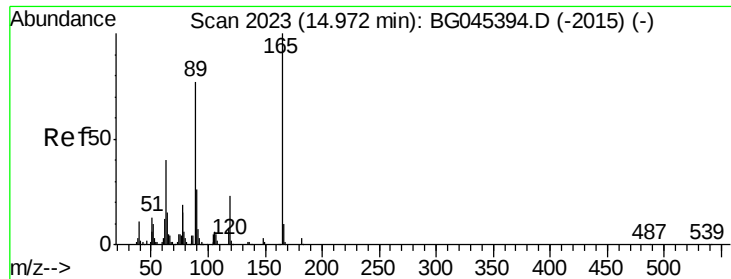
mohammad
5/29/2020 10:27:06 PM



#56
4-Nitrophenol
Concen: 74.666 ng
RT: 14.87 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Tgt Ion	Ratio	Lower	Upper
139	100		
109	101.7	75.6	115.6
65	100.7	76.8	116.8





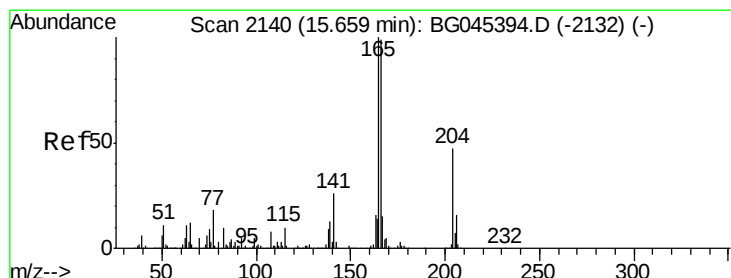
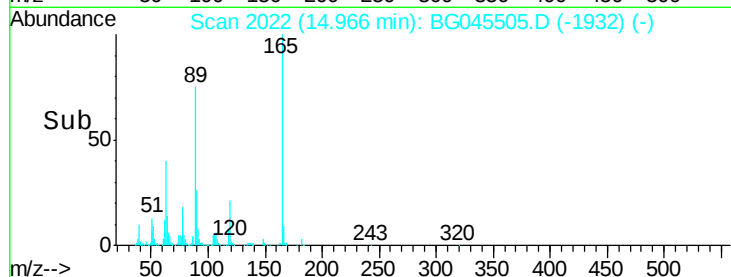
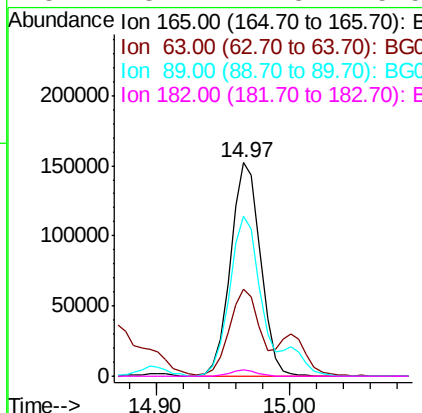
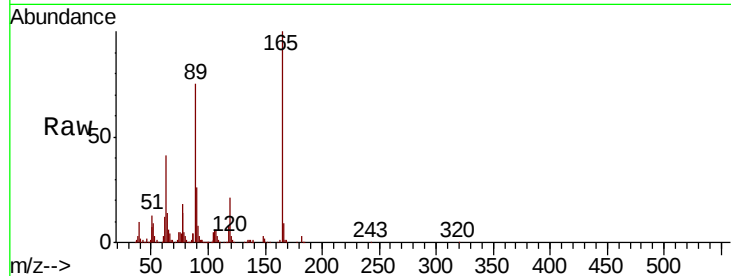
#57
2,4-Dinitrotoluene
Concen: 47.234 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Instrument :
BNA_G
ClientSampleId :
CL-01-052220MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		238315		
63	40.6	32.5	48.7		
89	74.9	61.8	92.6		
182	3.2	2.3	3.5		

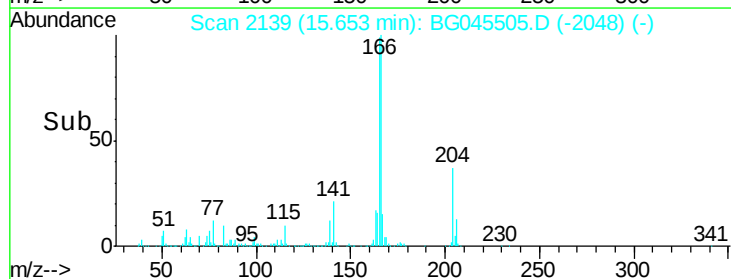
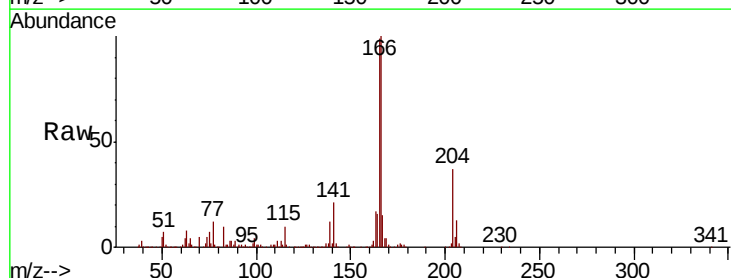
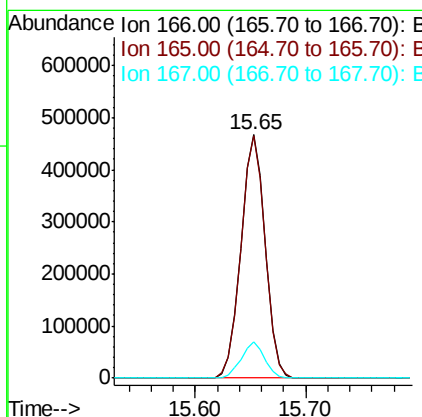
Manual Integrations
APPROVED

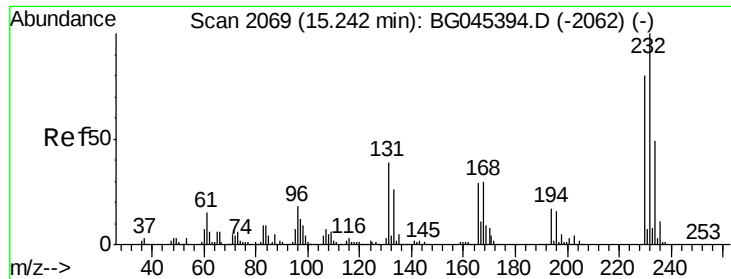
mohammad
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#58
Fluorene
Concen: 48.718 ng
RT: 15.65 min Scan# 2139
Delta R.T. 0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		717635		
165	99.5	80.8	121.2		
167	14.8	12.0	18.0		





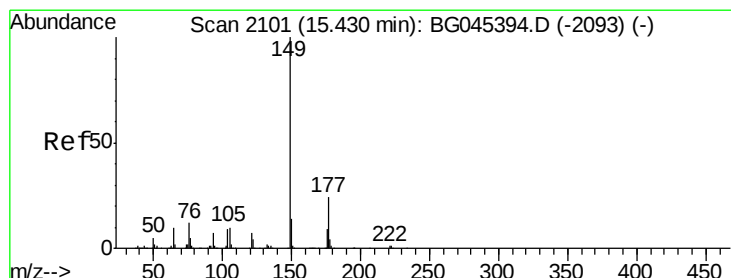
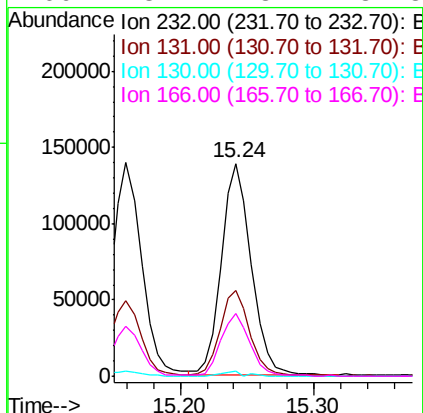
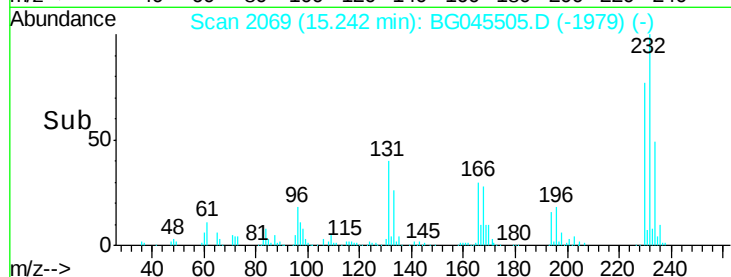
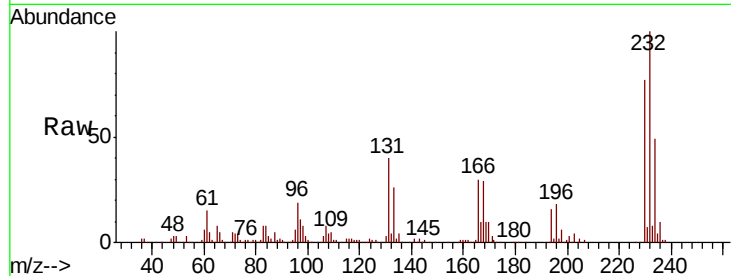
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.828 ng/ml
 RT: 15.24 min Scan# 2069
 Delta R.T. -0.00 min
 Lab File: BG045505.D
 Acq: 28 May 2020 20:17

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-052220MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		214366		
131	35.8	33.7	50.5		
130	2.4	2.1	3.1		
166	23.1	23.2	34.8		

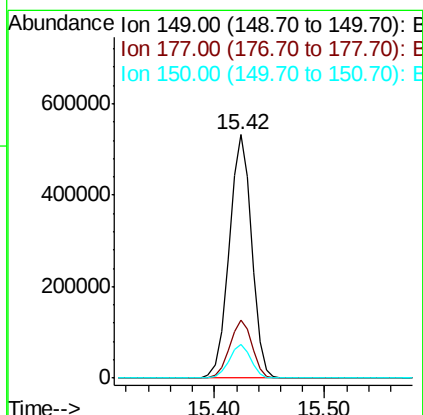
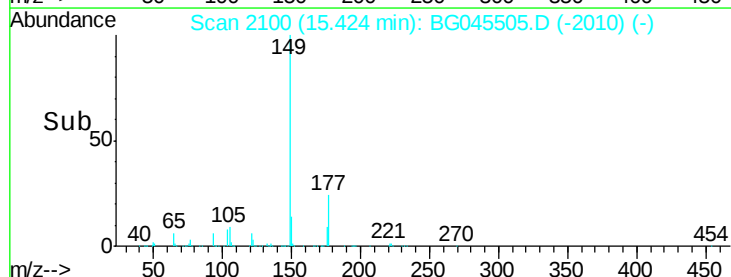
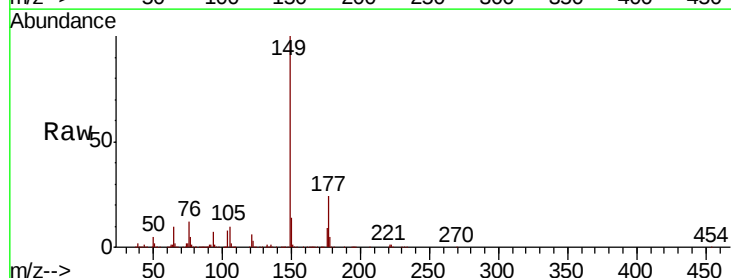
Manual Integrations
 APPROVED

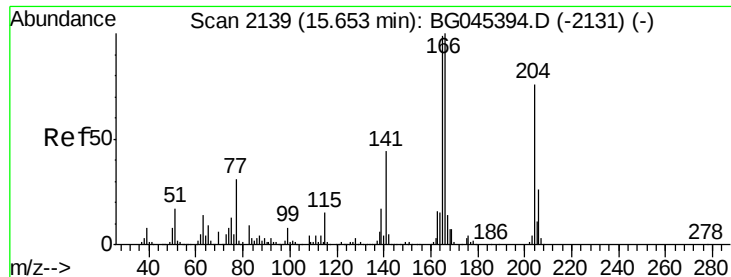
mohammad
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#60
 Diethylphthalate
 Concen: 47.071 ng
 RT: 15.42 min Scan# 2100
 Delta R.T. -0.00 min
 Lab File: BG045505.D
 Acq: 28 May 2020 20:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		756400		
177	23.9	19.0	28.4		
150	13.6	11.4	17.0		





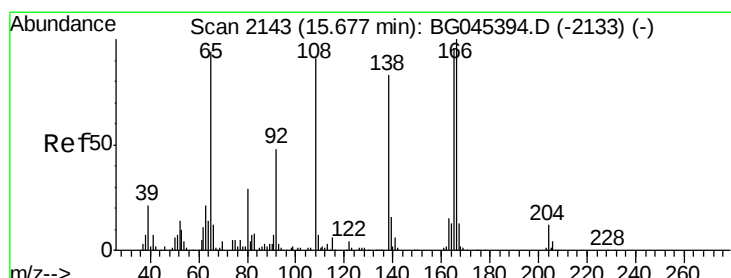
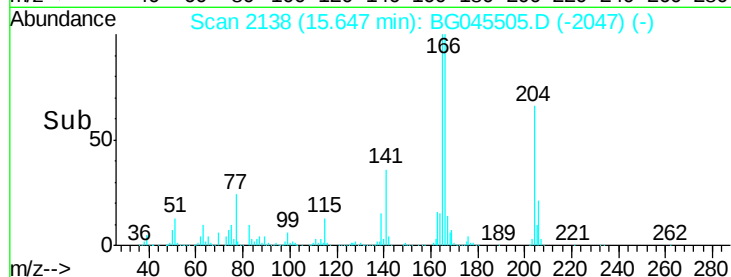
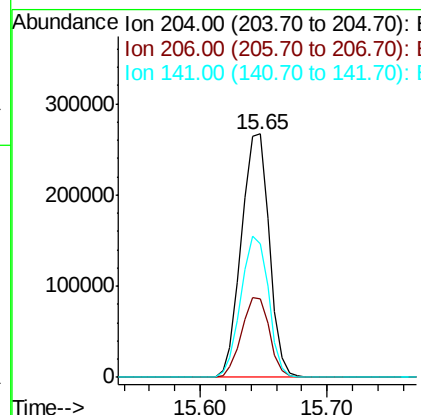
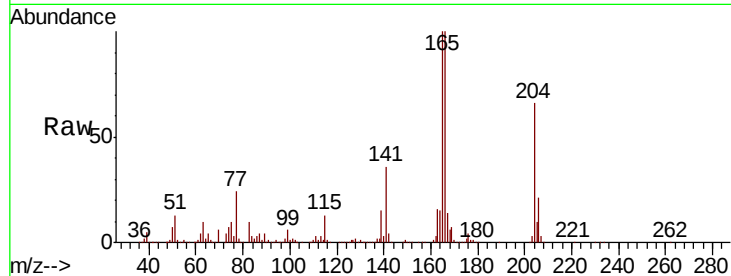
#61
4-Chlorophenyl-phenylether
Concen: 48.109 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Instrument :
BNA_G
ClientSampleId :
CL-01-052220MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	27.3	40.9
141	54.7	45.9	68.9

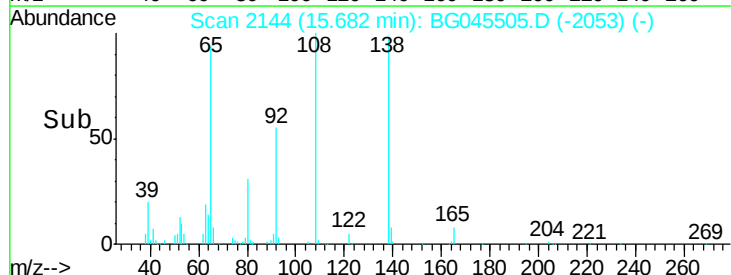
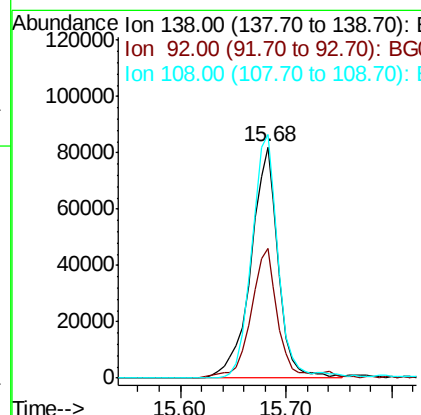
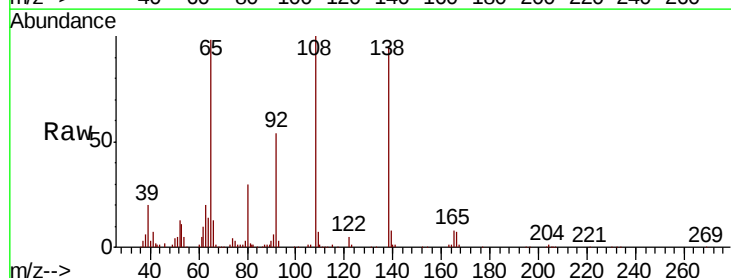
Manual Integrations
APPROVED

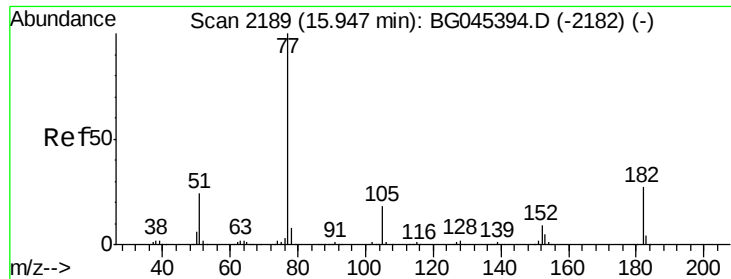
mohammad
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#62
4-Nitroaniline
Concen: 40.121 ng
RT: 15.68 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.3	38.0	78.0
108	105.3	89.3	129.3





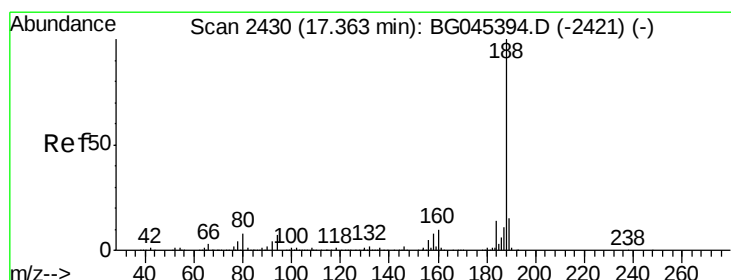
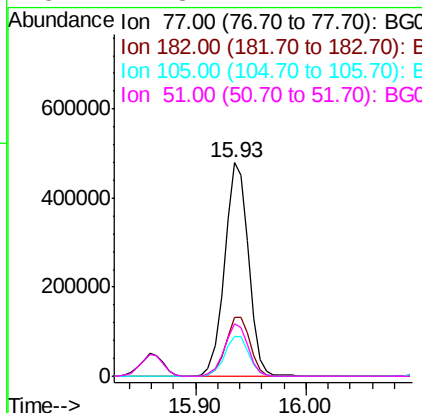
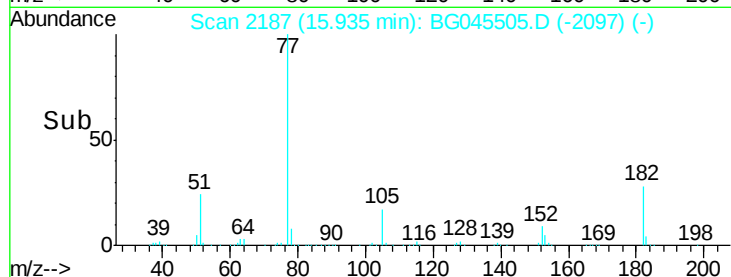
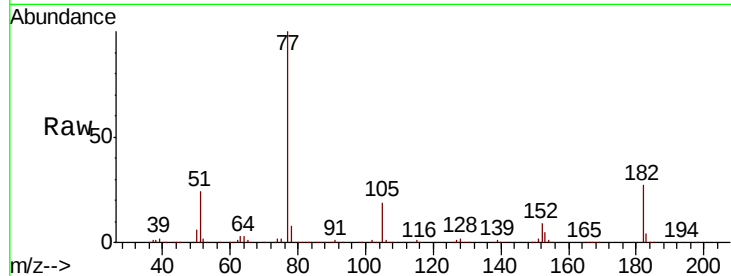
#63
Azobenzene
Concen: 48.029 ng
RT: 15.93 min Scan# 2187
Delta R.T. -0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Instrument :
BNA_G
ClientSampleId :
CL-01-052220MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		719655		
182	27.5	6.5	46.5		
105	18.8	0.0	37.9		
51	24.3	4.1	44.1		

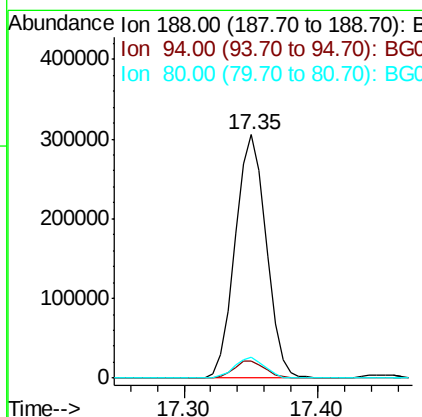
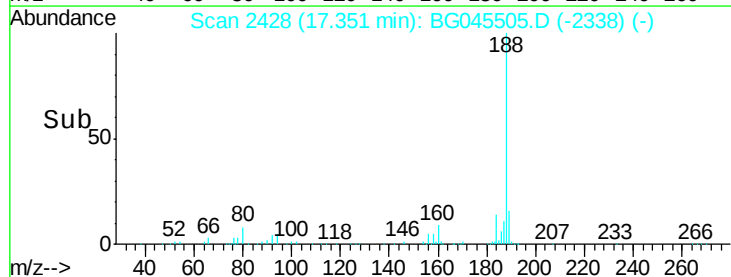
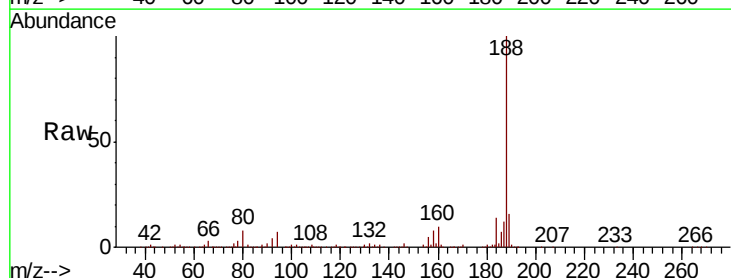
Manual Integrations
APPROVED

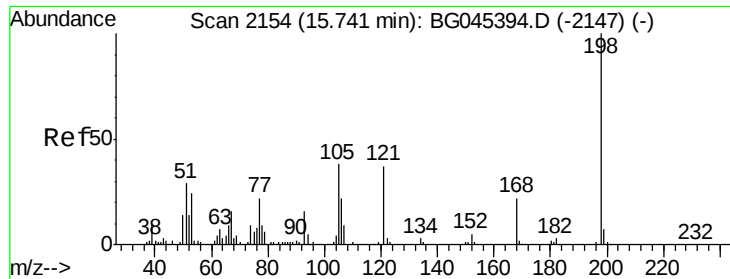
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		492621		
94	7.1	5.5	8.3		
80	8.5	6.6	10.0		





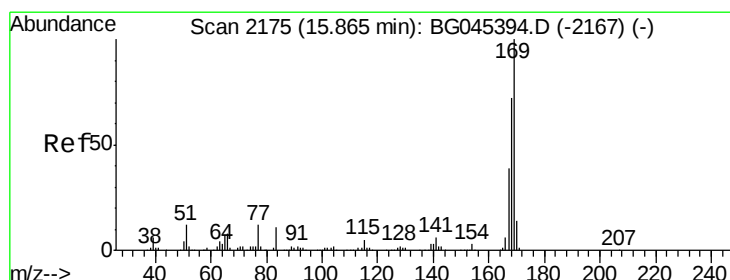
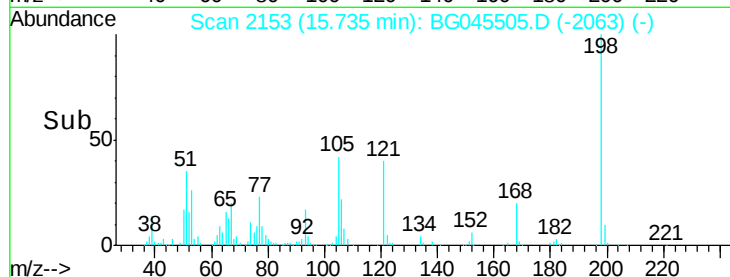
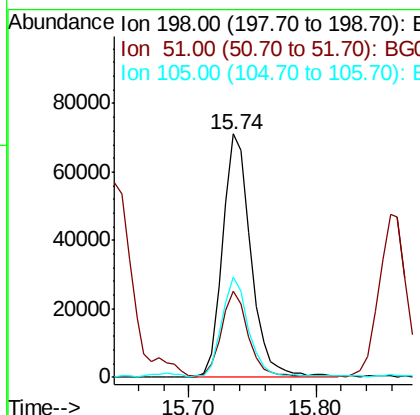
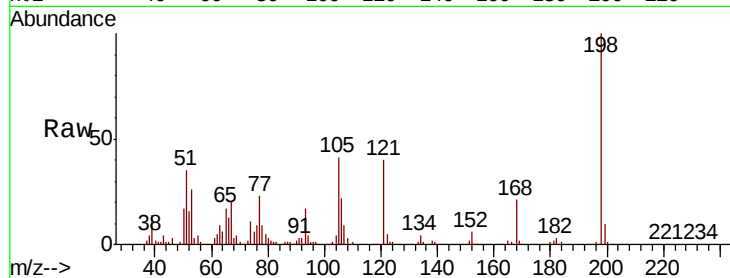
#65
4,6-Dinitro-2-methylphenol
Concen: 38.285 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Instrument :
BNA_G
ClientSampleId :
CL-01-052220MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	109841		
51	35.3	10.0	50.0	
105	41.4	18.9	58.9	

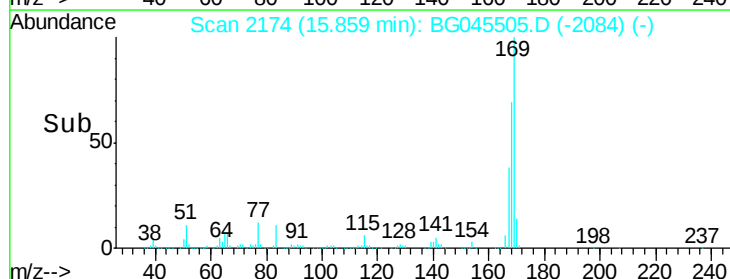
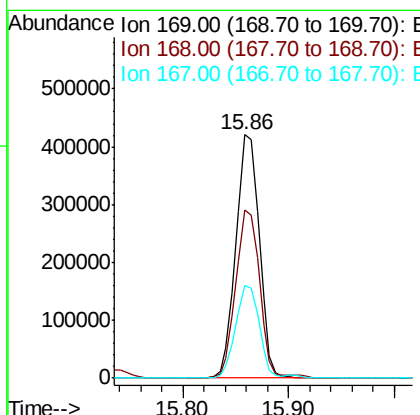
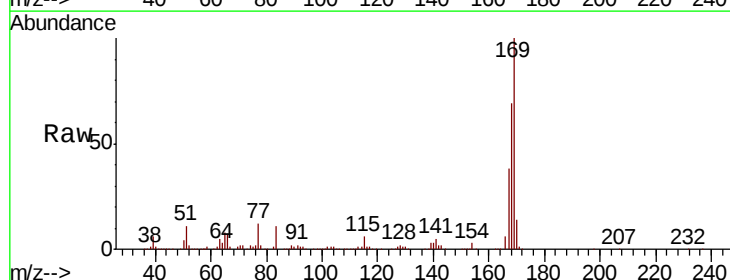
Manual Integrations
APPROVED

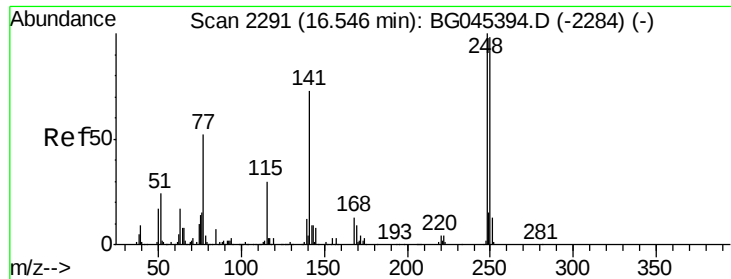
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 54.202 ng
RT: 15.86 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	641097		
168	68.8	57.8	86.6	
167	38.0	31.5	47.3	





#67

4-Bromophenyl-phenylether

Concen: 51.604 ng

RT: 16.54 min Scan# 2290

Delta R.T. 0.01 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

Instrument :

BNA_G

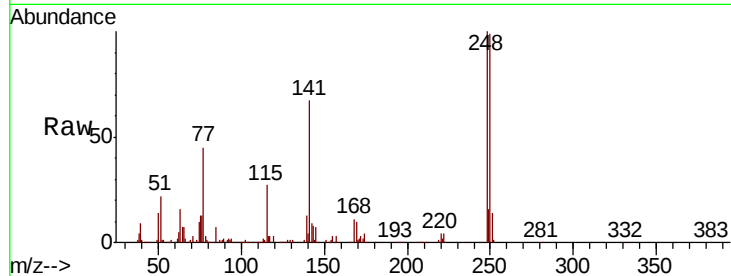
ClientSampleId :

CL-01-052220MS

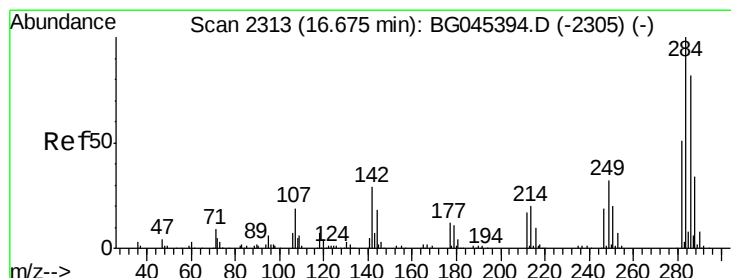
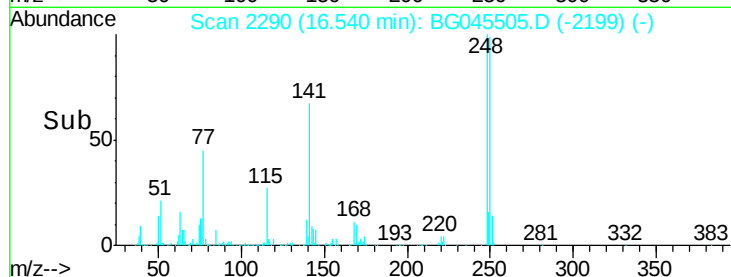
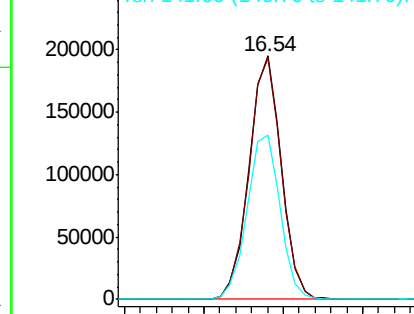
Tot Ion:	248	Resp:	275269
Ion Ratio	Lower	Upper	
248	100		
250	99.2	78.6	117.8
141	67.5	58.2	87.2

Manual Integrations
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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: 53.626 ng

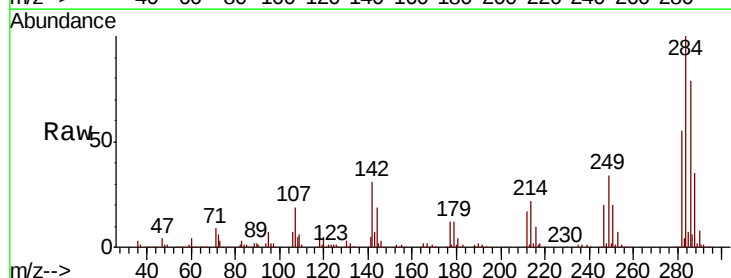
RT: 16.66 min Scan# 2311

Delta R.T. -0.00 min

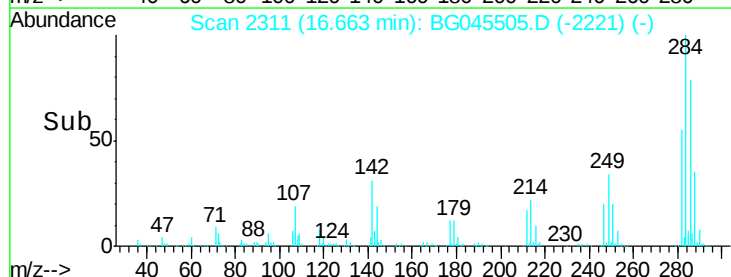
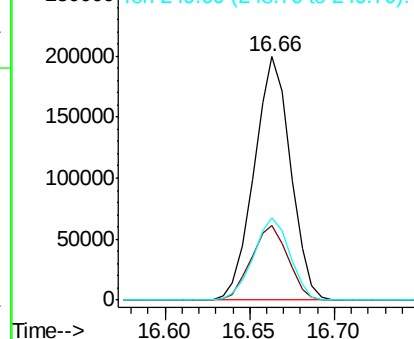
Lab File: BG045505.D

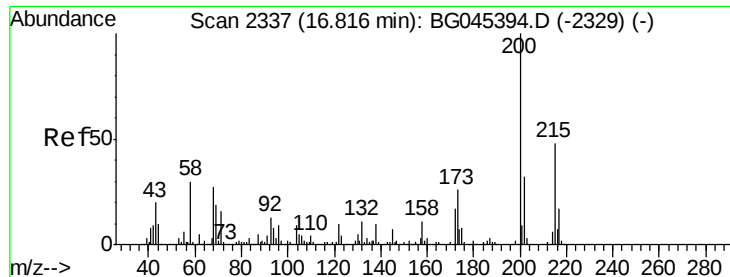
Acq: 28 May 2020 20:17

Tgt Ion:	284	Resp:	299193
Ion Ratio	Lower	Upper	
284	100		
142	30.8	23.0	34.6
249	33.7	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





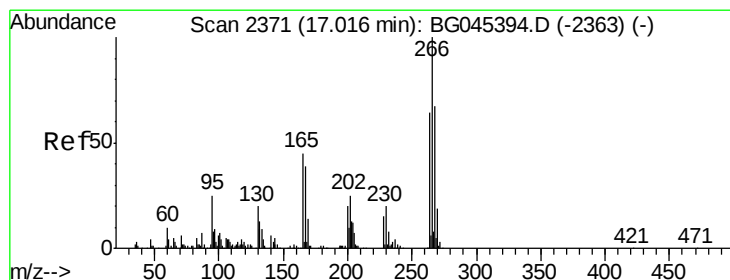
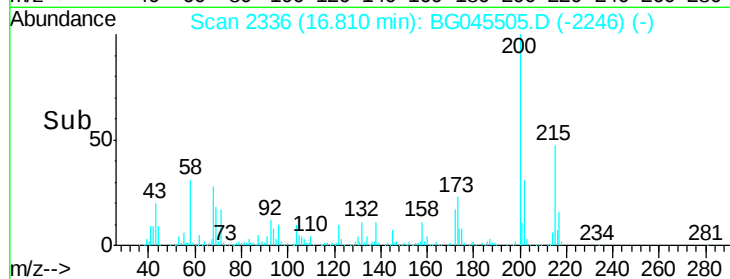
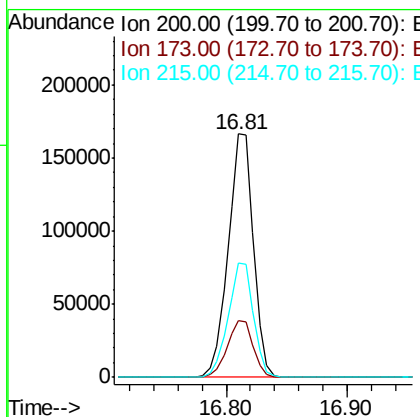
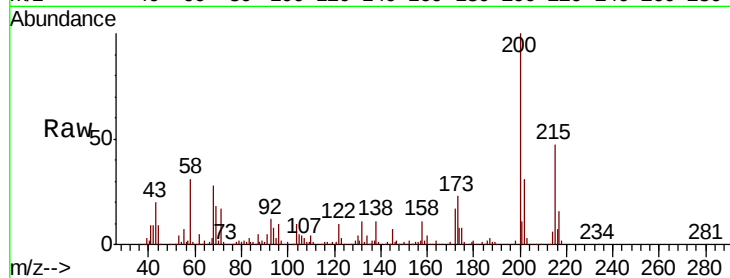
#69
Atrazine
Concen: 49.494 ng
RT: 16.81 min Scan# 2336
Delta R.T. -0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Instrument :
BNA_G
ClientSampleId :
CL-01-052220MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.1	5.5	45.5
215	47.2	28.2	68.2

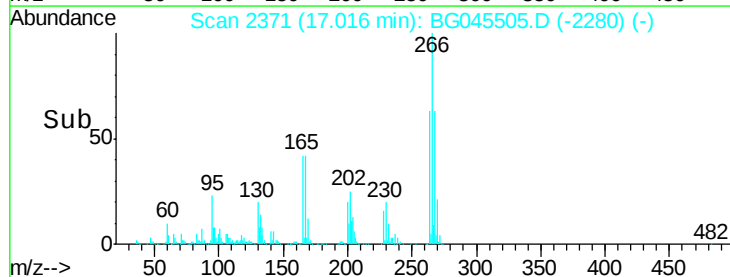
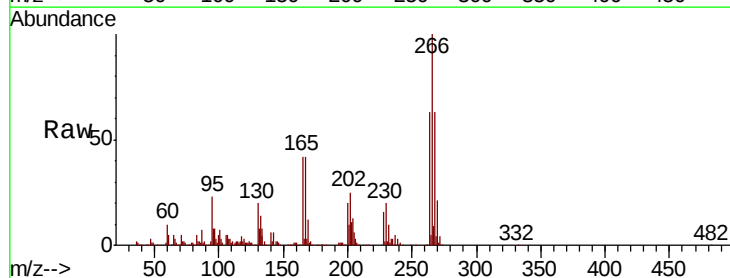
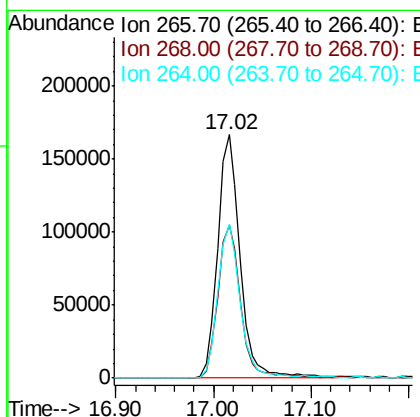
Manual Integrations
APPROVED

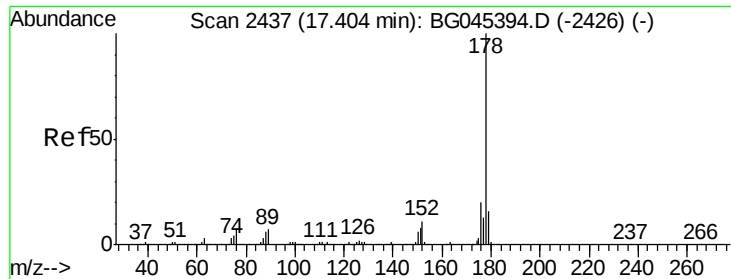
mohammad
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#70
Pentachlorophenol
Concen: 91.931 ng
RT: 17.02 min Scan# 2371
Delta R.T. 0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.7	53.2	79.8
264	63.4	51.0	76.4





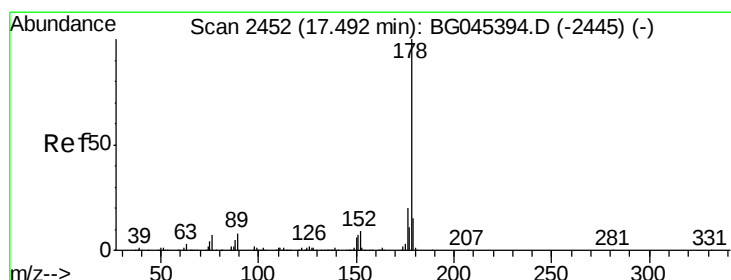
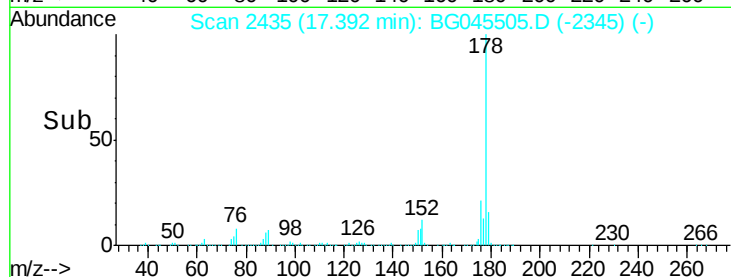
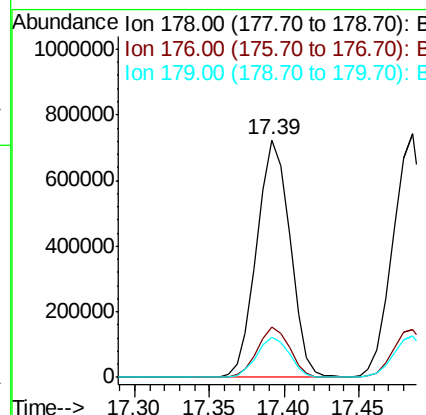
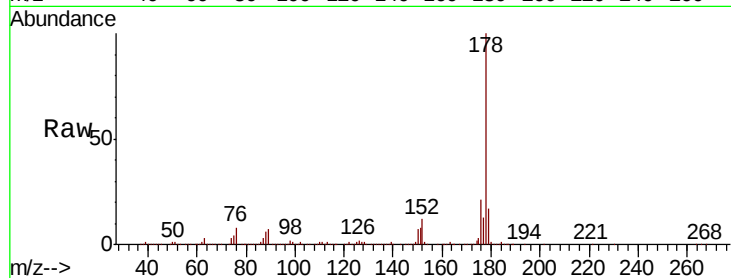
#71
Phenanthrene
Concen: 51.886 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Instrument :
BNA_G
ClientSampleId :
CL-01-052220MS

Tot Ion:178 Resp: 1115838
Ion Ratio Lower Upper
178 100
176 21.5 16.2 24.4
179 16.8 13.1 19.7

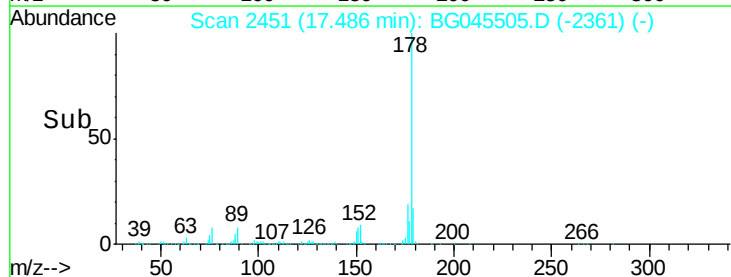
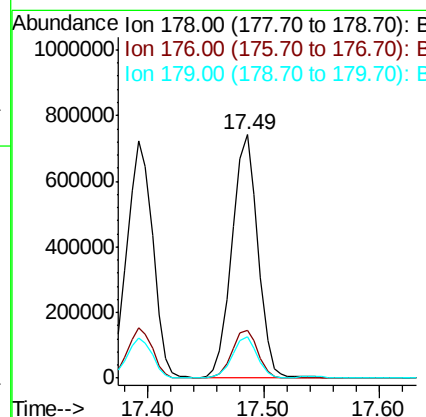
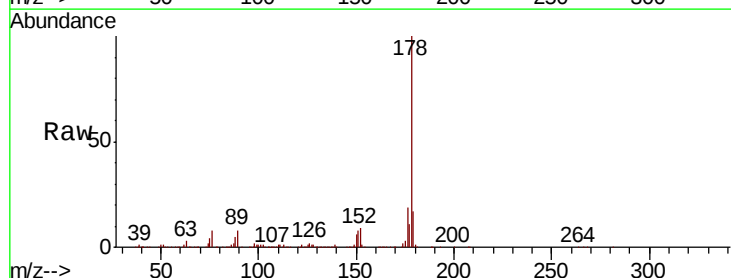
Manual Integrations
APPROVED

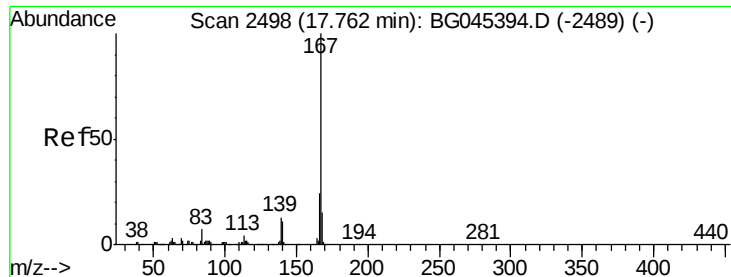
mohammad
5/29/2020 10:27:06 PM



#72
Anthracene
Concen: 53.044 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Tgt Ion:178 Resp: 1145570
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.6
179 17.0 12.2 18.4





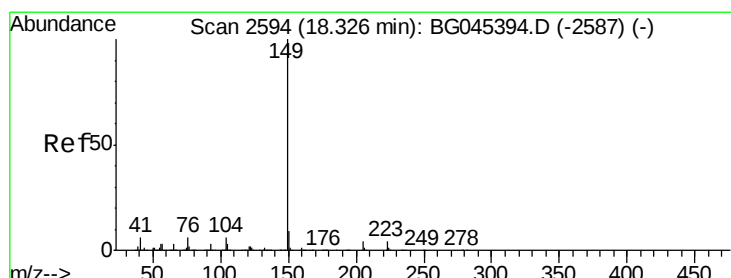
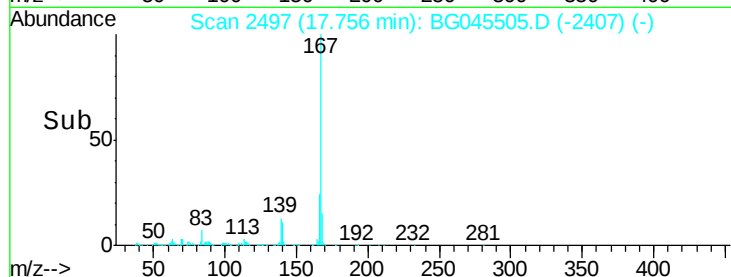
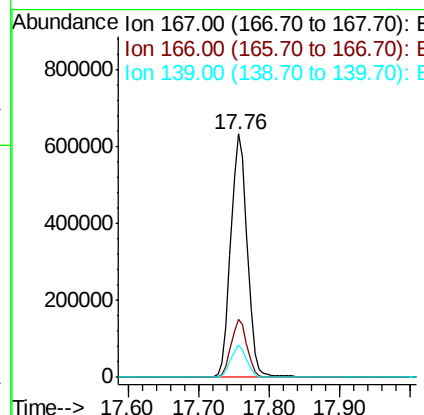
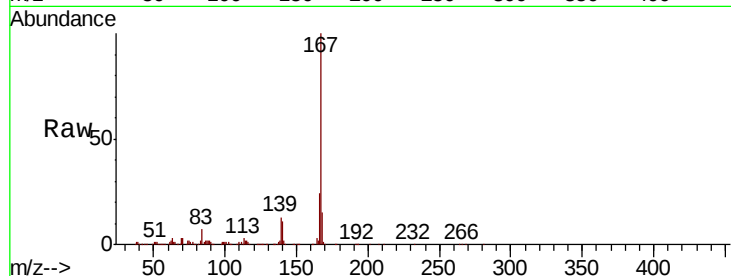
#73
 Carbazole
 Concen: 48.896 ng
 RT: 17.76 min Scan# 2497
 Delta R.T. -0.00 min
 Lab File: BG045505.D
 Acq: 28 May 2020 20:17

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-052220MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.1	19.2	28.8
139	13.2	10.6	16.0

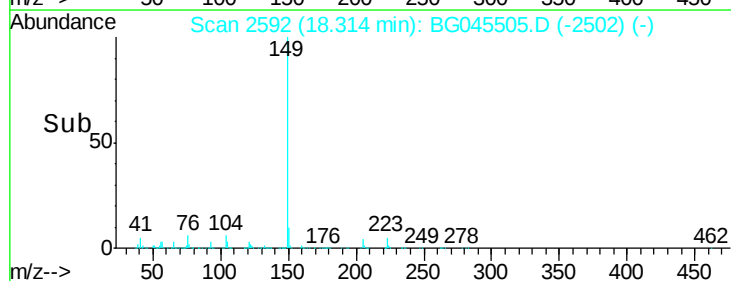
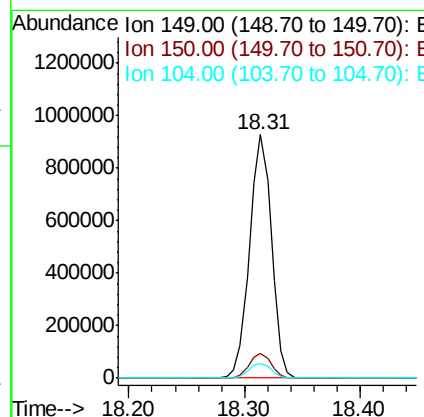
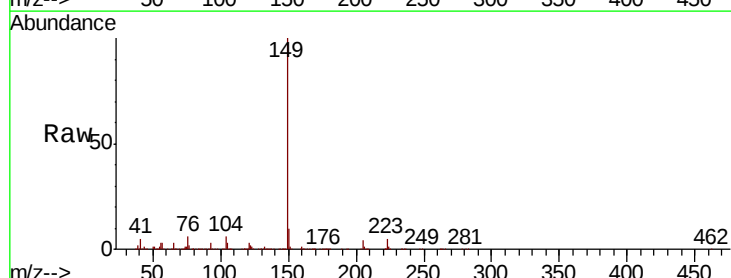
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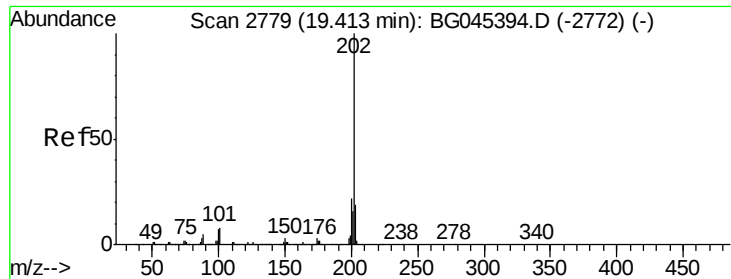
mohammad
 5/29/2020 10:27:06 PM



#74
 Di-n-butylphthalate
 Concen: 48.430 ng
 RT: 18.31 min Scan# 2592
 Delta R.T. -0.00 min
 Lab File: BG045505.D
 Acq: 28 May 2020 20:17

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.6	11.4
104	6.2	5.0	7.4





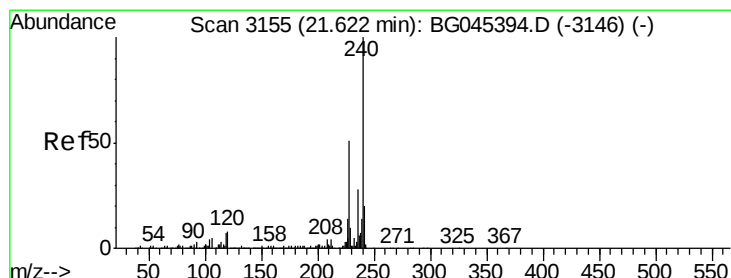
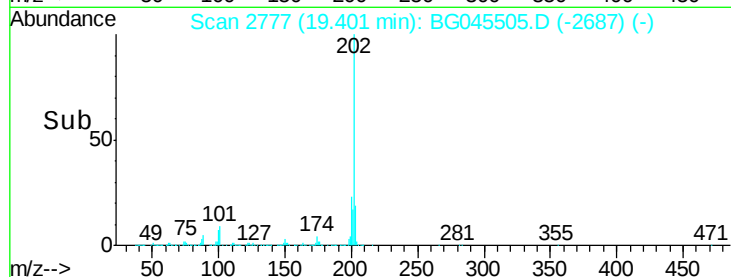
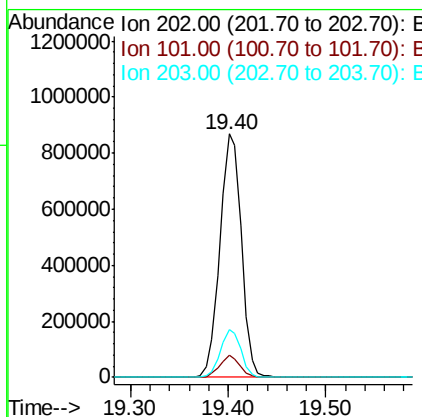
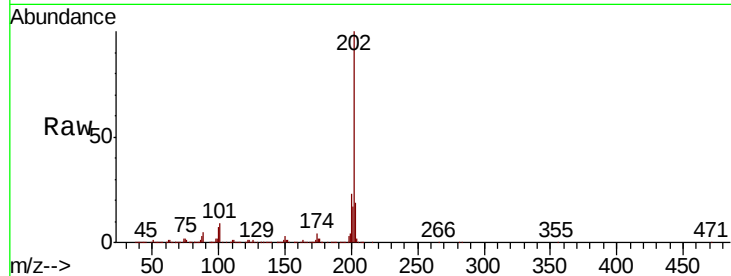
#75
 Fluoranthene
 Concen: 48.240 ng
 RT: 19.40 min Scan# 2777
 Delta R.T. -0.00 min
 Lab File: BG045505.D
 Acq: 28 May 2020 20:17

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-052220MS

Tot Ion:	202	Resp:	1319538
Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	28.3
203	19.4	0.0	39.0

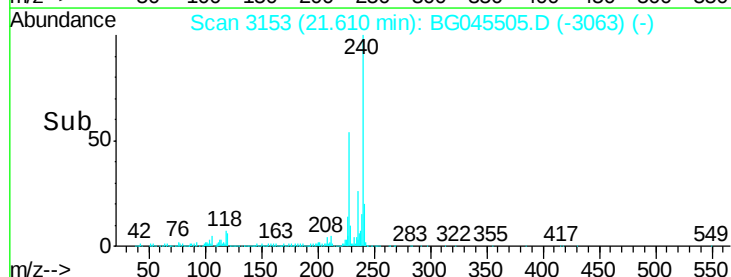
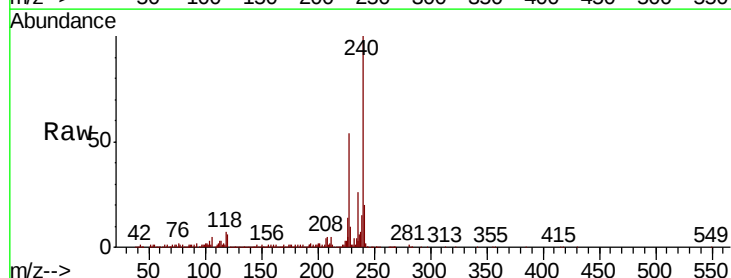
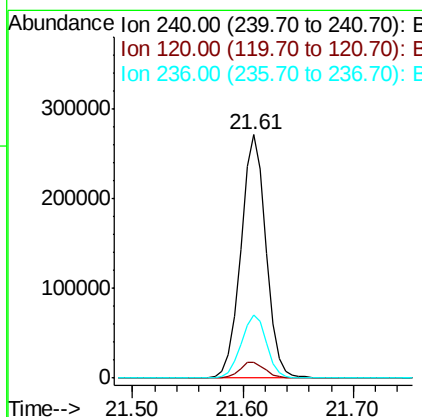
Manual Integrations
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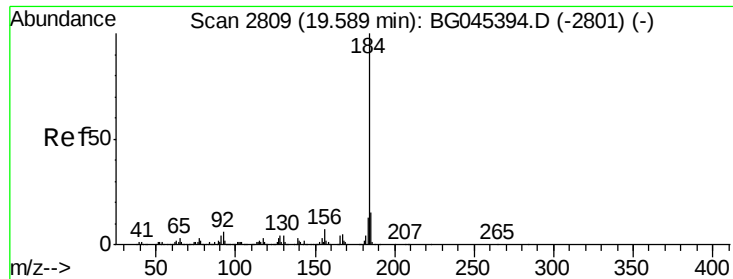
mohammad
 5/29/2020 10:27:06 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.61 min Scan# 3153
 Delta R.T. -0.00 min
 Lab File: BG045505.D
 Acq: 28 May 2020 20:17

Tgt Ion:	240	Resp:	433274
Ion	Ratio	Lower	Upper
240	100		
120	6.3	6.1	9.1
236	26.0	22.3	33.5





#77

Benzidine

Concen: 27.014 ng

RT: 19.58 min Scan# 2808

Delta R.T. -0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

Instrument :

BNA_G

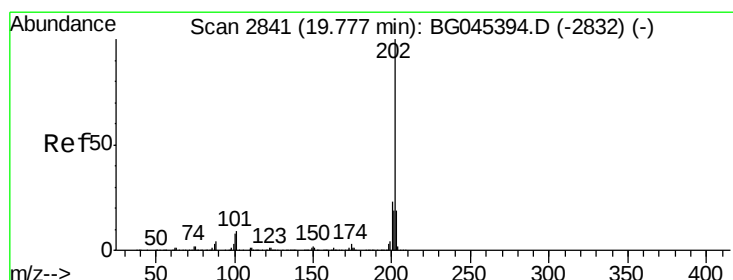
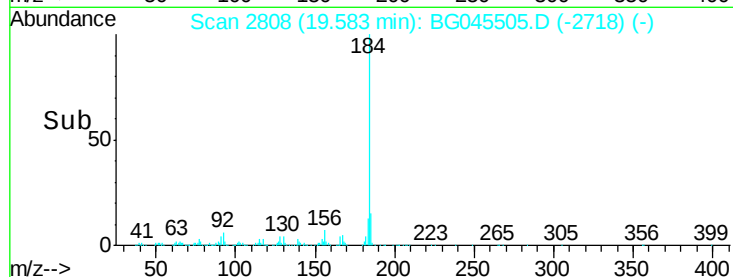
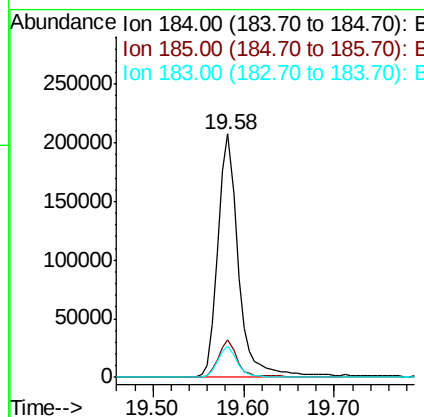
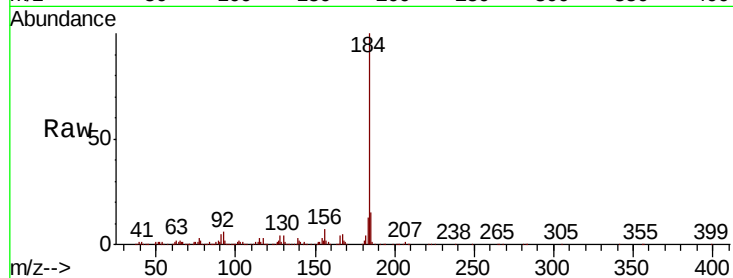
ClientSampleId :

CL-01-052220MS

Tot Ion:	184	Resp:	328720
Ion Ratio	Lower	Upper	
184	100		
185	15.3	11.7	17.5
183	13.0	10.2	15.4

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#78

Pyrene

Concen: 53.276 ng

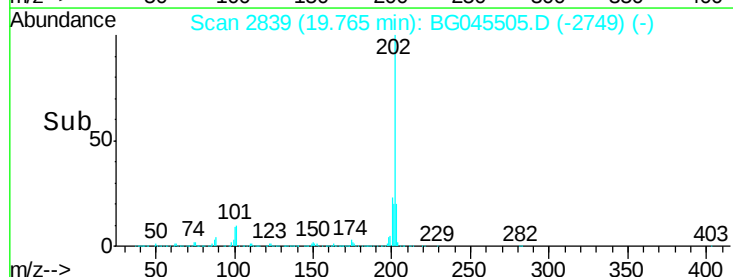
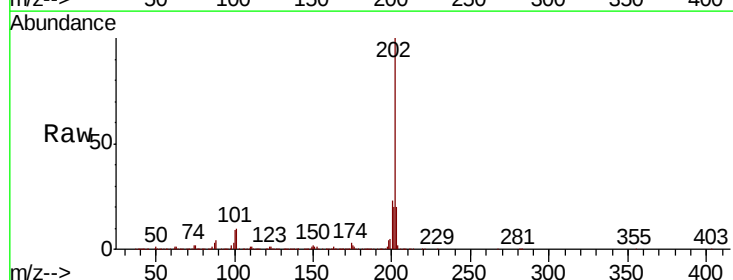
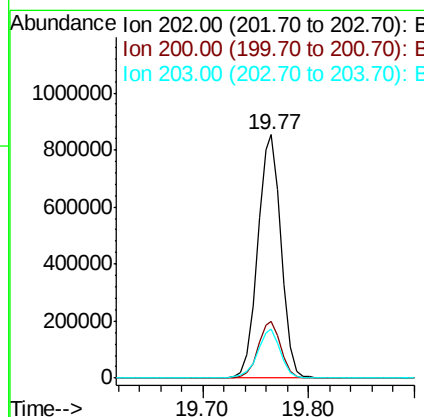
RT: 19.77 min Scan# 2839

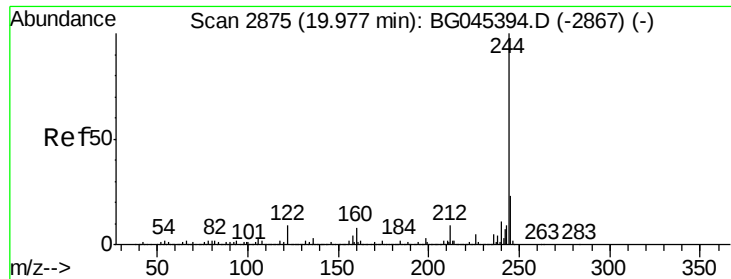
Delta R.T. -0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

Tgt Ion:	202	Resp:	1315827
Ion Ratio	Lower	Upper	
202	100		
200	23.1	18.2	27.2
203	20.1	15.1	22.7





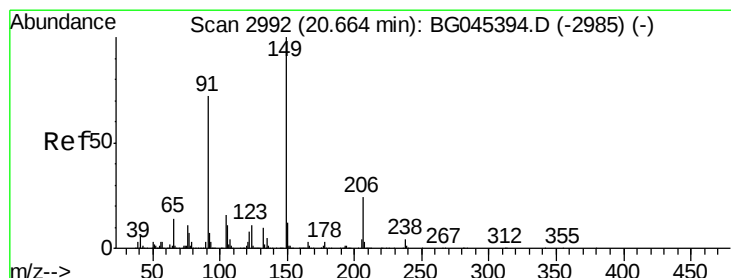
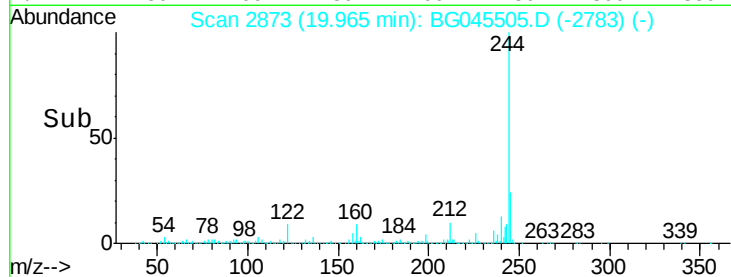
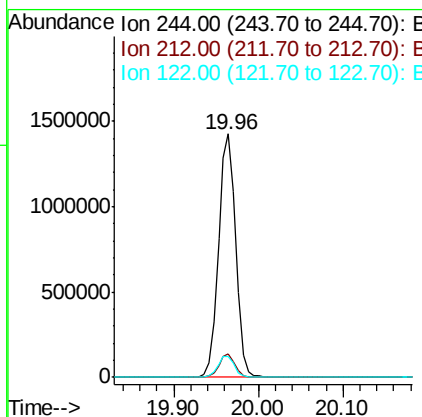
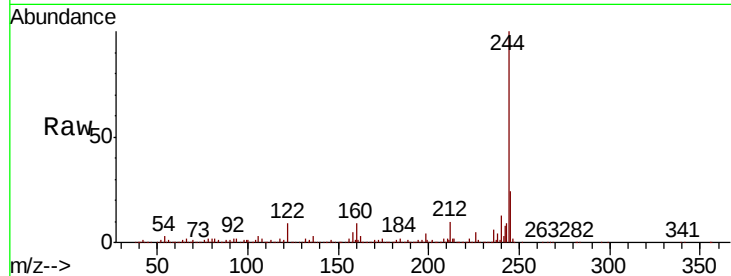
#79
 Terphenyl-d14
 Concen: 109.257 ng
 RT: 19.96 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: BG045505.D
 Acq: 28 May 2020 20:17

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-052220MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.4	11.0
122	8.8	6.8	10.2

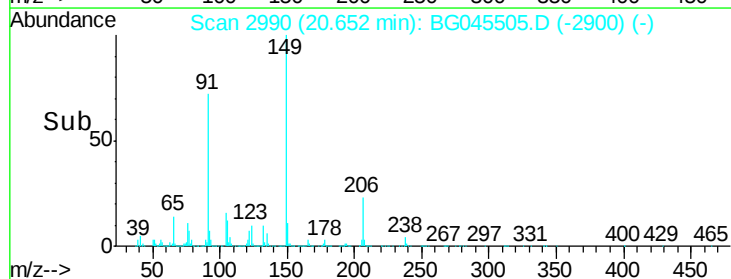
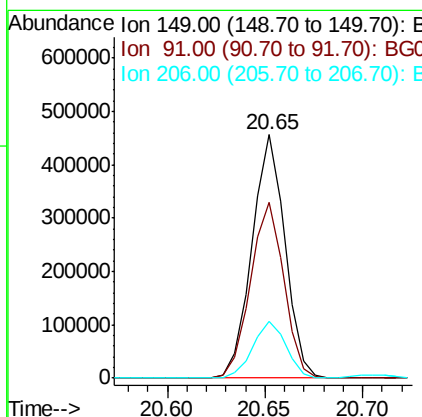
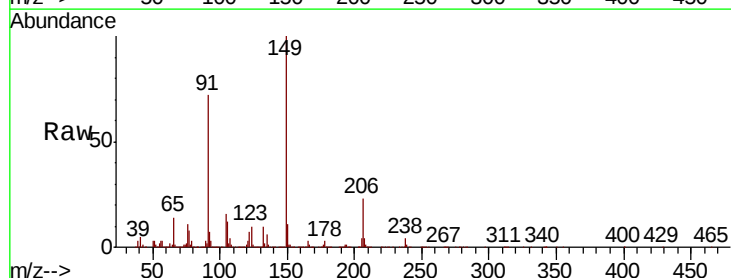
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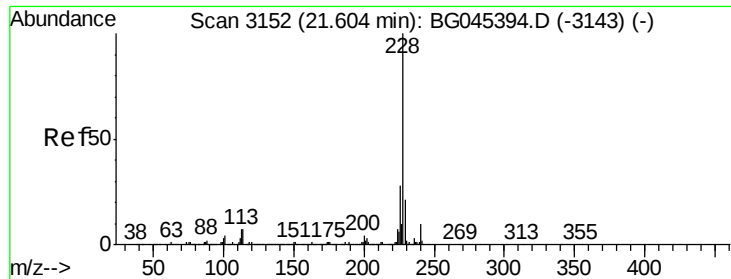
mohammad
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#80
 Butylbenzylphthalate
 Concen: 50.001 ng
 RT: 20.65 min Scan# 2990
 Delta R.T. -0.00 min
 Lab File: BG045505.D
 Acq: 28 May 2020 20:17

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.0	57.8	86.6
206	23.3	19.1	28.7





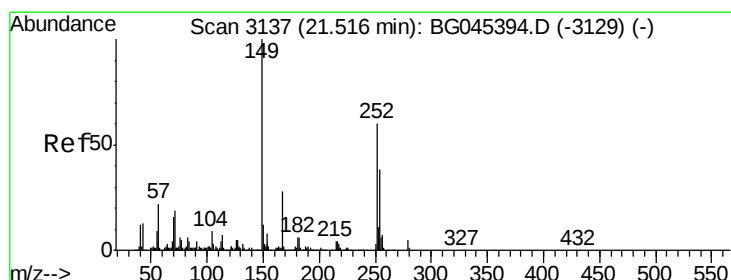
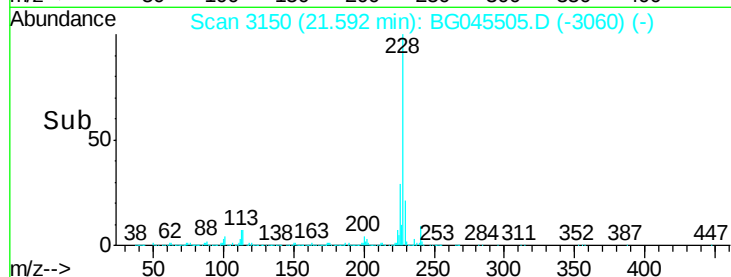
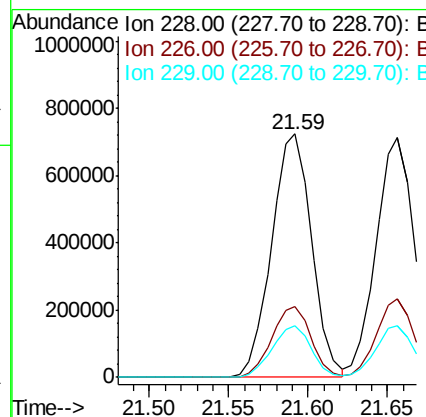
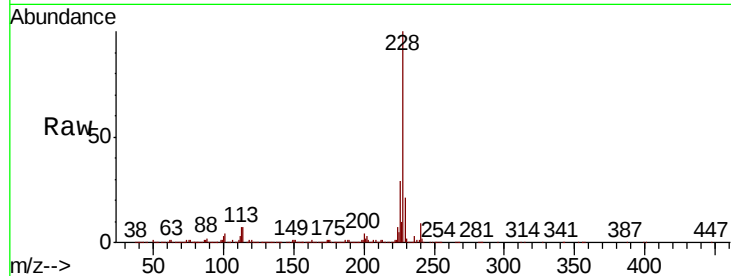
#81
Benzo(a)anthracene
Concen: 52.581 ng
RT: 21.59 min Scan# 3150
Delta R.T. -0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Instrument :
BNA_G
ClientSampleId :
CL-01-052220MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.7	34.1
229	21.2	16.7	25.1

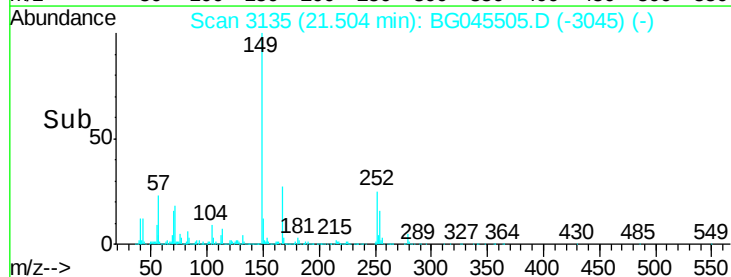
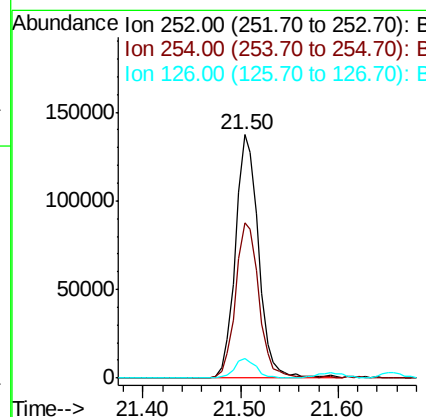
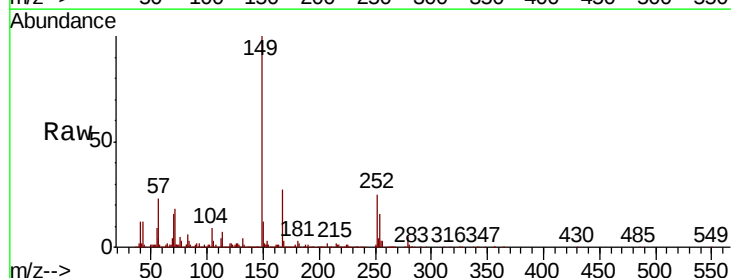
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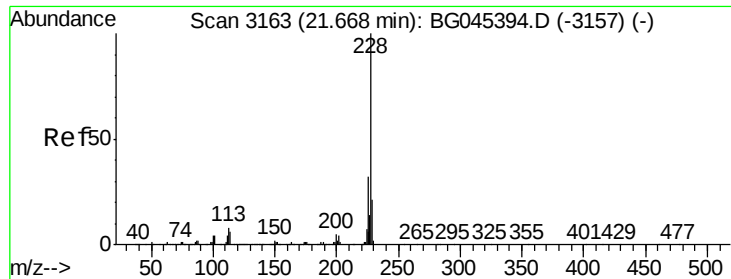
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 23.837 ng
RT: 21.50 min Scan# 3135
Delta R.T. -0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.3	76.9
126	8.0	6.6	10.0





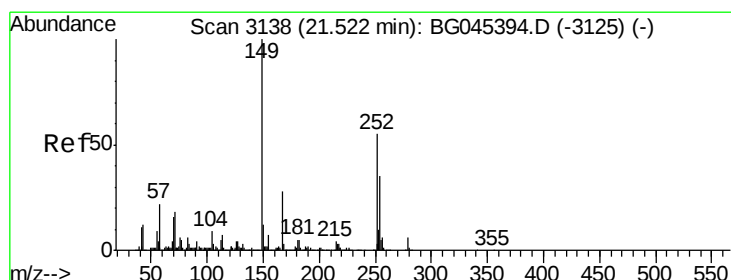
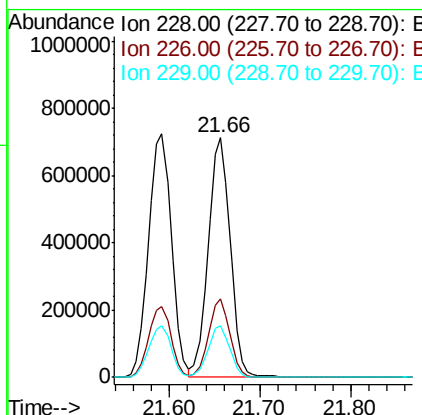
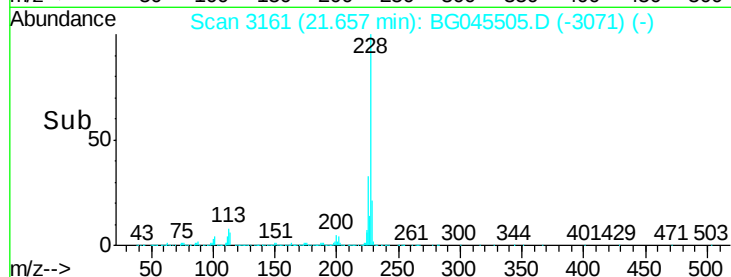
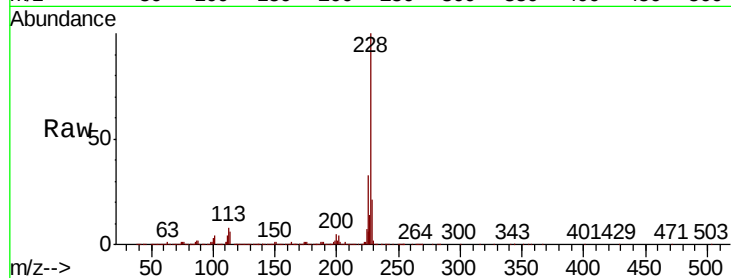
#83
 Chrvsene
 Concen: 51.774 ng
 RT: 21.66 min Scan# 3161
 Delta R.T. -0.00 min
 Lab File: BG045505.D
 Acq: 28 May 2020 20:17

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-052220MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.6	25.2	37.8
229	21.4	16.7	25.1

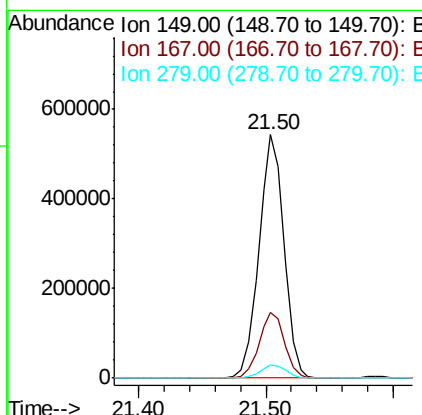
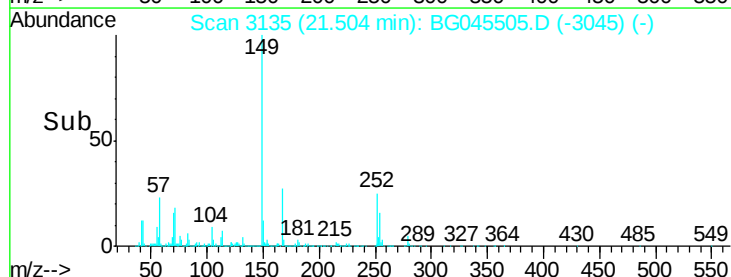
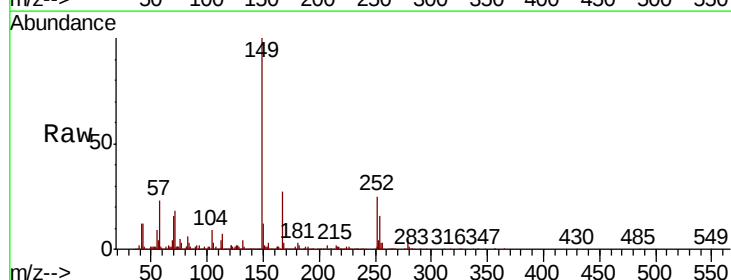
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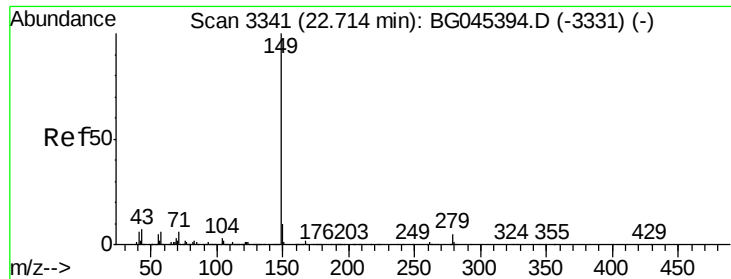
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.878 ng
 RT: 21.50 min Scan# 3135
 Delta R.T. -0.00 min
 Lab File: BG045505.D
 Acq: 28 May 2020 20:17

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.2	33.2
279	5.4	4.7	7.1





#85

Di-n-octyl phthalate

Concen: 49.569 ng

RT: 22.69 min Scan# 3337

Delta R.T. -0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

Instrument :

BNA_G

ClientSampleId :

CL-01-052220MS

Tot Ion:149 Resp: 1247609

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

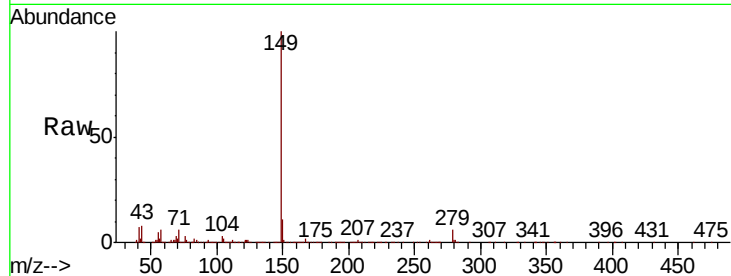
43 7.4 5.8 8.8

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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

22.69

800000

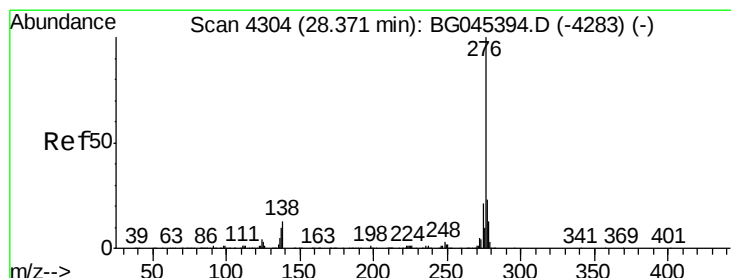
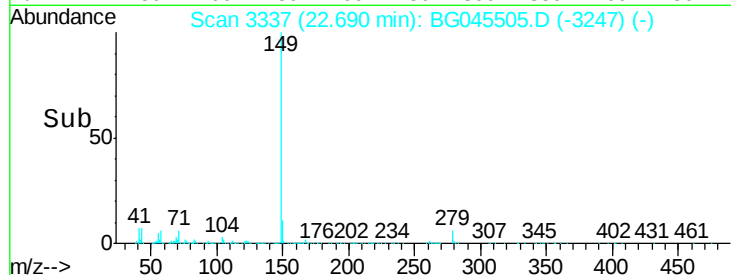
600000

400000

200000

0

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 52.456 ng

RT: 28.33 min Scan# 4297

Delta R.T. -0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

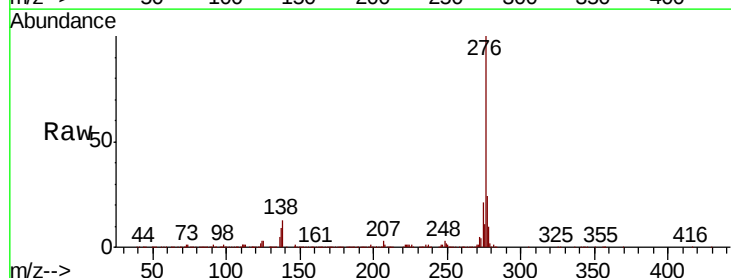
Tgt Ion:276 Resp: 1591973

Ion Ratio Lower Upper

276 100

138 7.1 8.6 12.8#

277 25.7 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

28.33

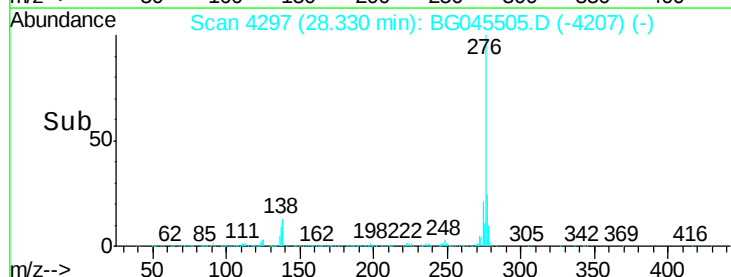
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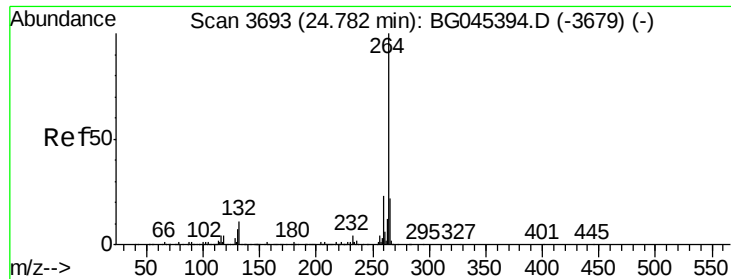
200000

100000

0

Time-->





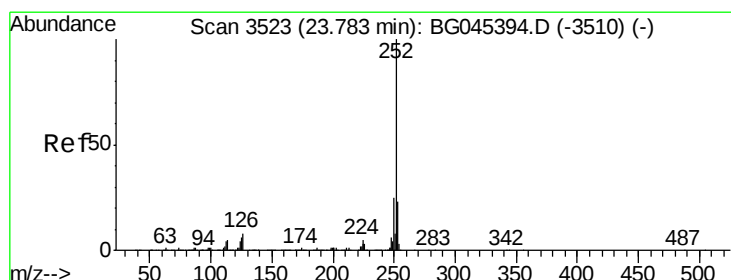
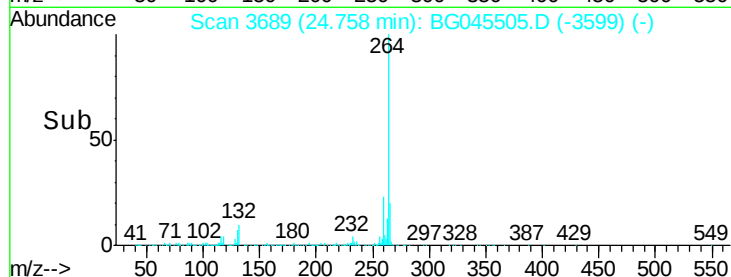
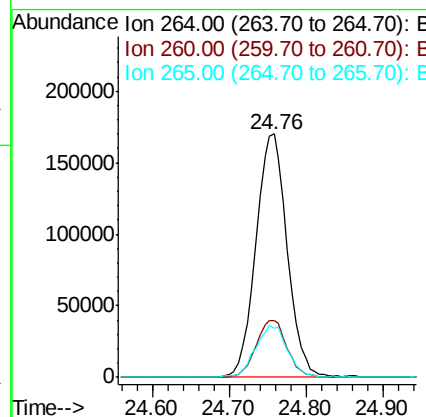
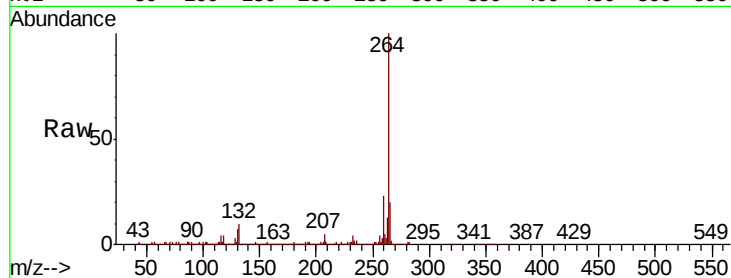
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.76 min Scan# 3689
Delta R.T. -0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Instrument :
BNA_G
ClientSampleId :
CL-01-052220MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	20.4	17.6	26.4

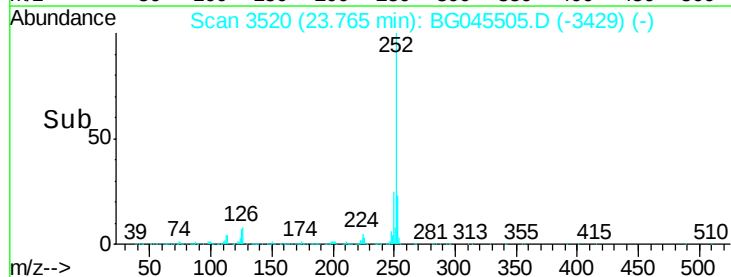
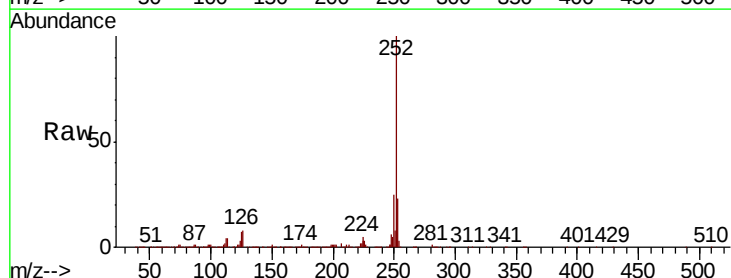
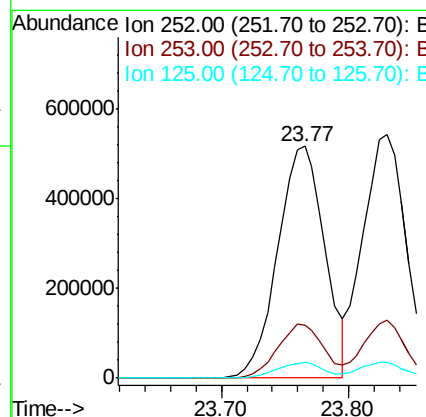
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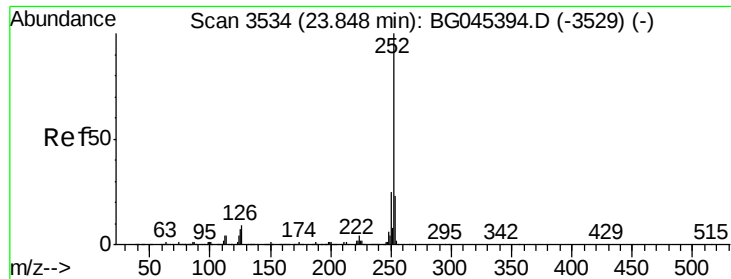
mohammad
5/29/2020 10:27:06 PM



#88
Benzo(b)fluoranthene
Concen: 51.446 ng
RT: 23.77 min Scan# 3520
Delta R.T. 0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	6.8	5.0	7.6





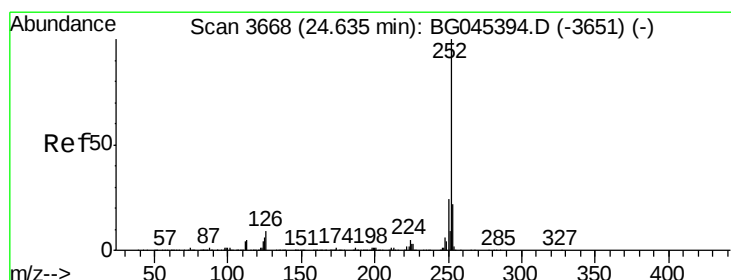
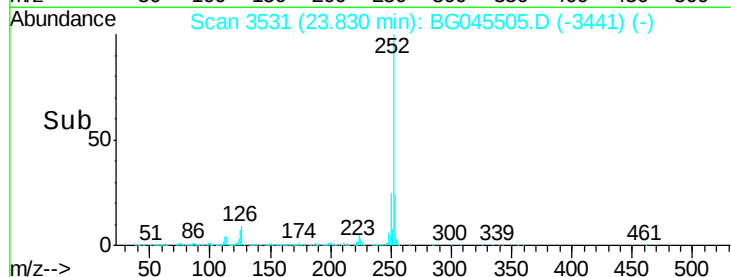
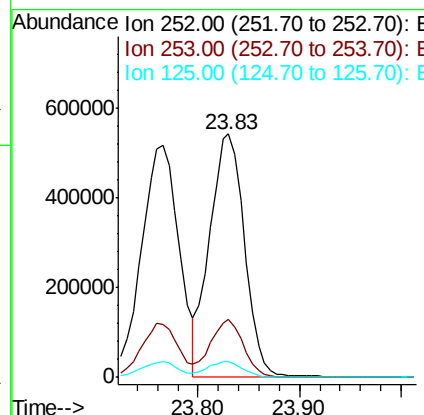
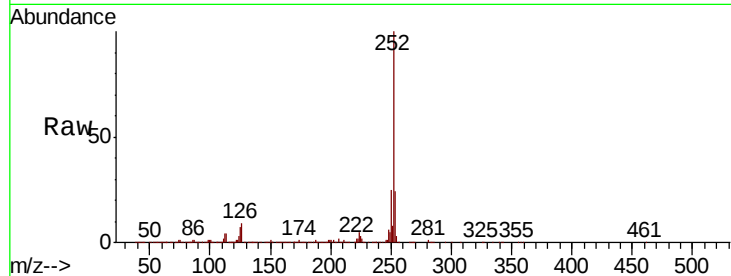
#89
Benzo(k)fluoranthene
Concen: 52.961 ng
RT: 23.83 min Scan# 3531
Delta R.T. -0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Instrument :
BNA_G
ClientSampleId :
CL-01-052220MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.4	27.6
125	6.6	5.7	8.5

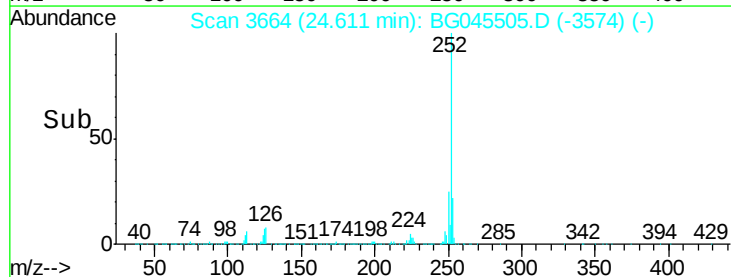
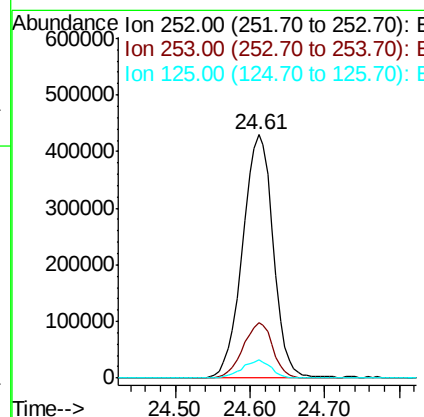
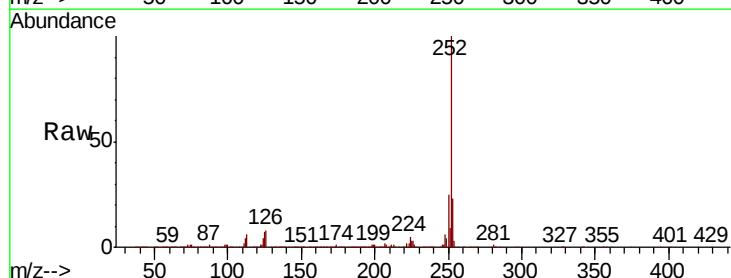
Manual Integrations
APPROVED

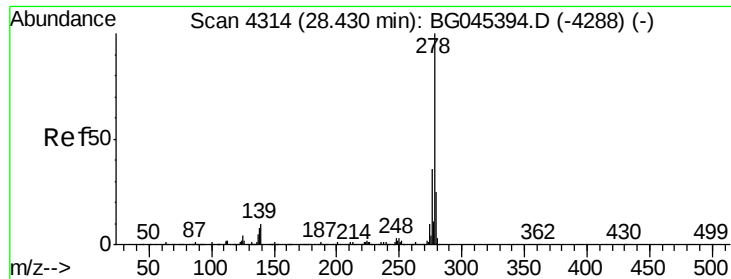
mohammad
5/29/2020 10:27:06 PM



#90
Benzo(a)pyrene
Concen: 50.756 ng
RT: 24.61 min Scan# 3664
Delta R.T. -0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	7.5	5.0	7.6





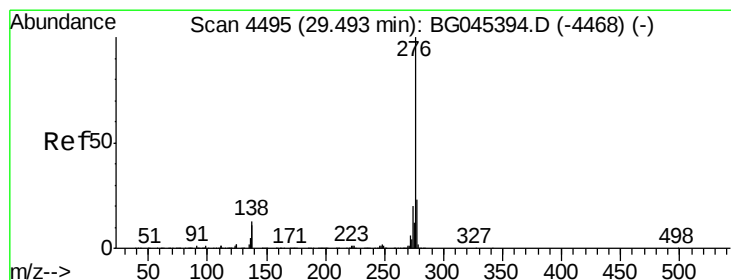
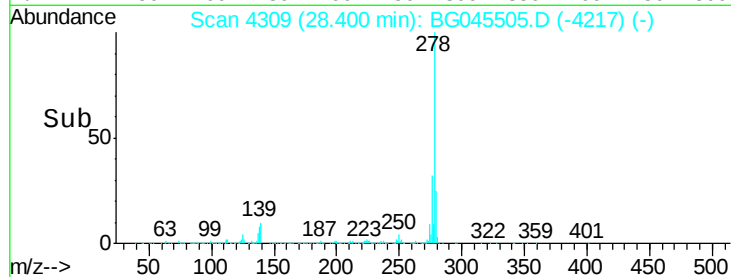
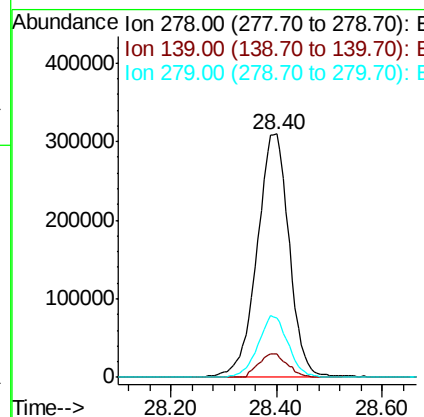
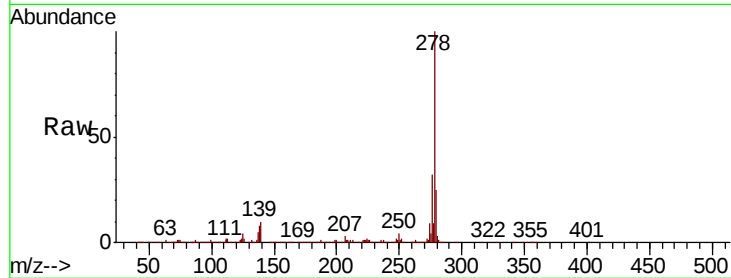
#91
Dibenzo(a,h)anthracene
Concen: 53.980 ng
RT: 28.40 min Scan# 4309
Delta R.T. 0.01 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Instrument :
BNA_G
ClientSampleId :
CL-01-052220MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.8	7.8	11.8
279	24.6	19.8	29.8

Manual Integrations
APPROVED

mohammad
5/29/2020 10:27:06 PM



#92
Benzo(g,h,i)perylene
Concen: 55.039 ng
RT: 29.45 min Scan# 4488
Delta R.T. 0.01 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.1	27.1
138	12.8	10.2	15.4

