

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050720\
 Data File : BG045285.D
 Acq On : 8 May 2020 1:19
 Operator : CG/JU
 Sample : L2529-03MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11936MSD

Manual Integrations
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mohammad
 5/8/2020 1:00:18 PM

Quant Time: May 08 04:20:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 07 12:51:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	63712	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	253224	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	177314	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	420074	20.00	ng	0.00
76) Chrysene-d12	21.64	240	375133	20.00	ng	0.00
87) Perylene-d12	24.80	264	418676	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	437104	113.27	ng	0.00
7) Phenol-d6	7.15	99	634173	110.60	ng	0.00
23) Nitrobenzene-d5	9.14	82	415292	74.83	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	313172	114.33	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	967399	80.00	ng	0.00
79) Terphenyl-d14	19.99	244	1618594	94.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	78061	45.515	ng	99
3) Pyridine	3.83	79	187720	35.549	ng	95
4) n-Nitrosodimethylamine	3.74	42	81765	50.545	ng	95
6) Aniline	7.30	93	263089	35.291	ng	98
8) 2-Chlorophenol	7.55	128	216688	52.245	ng	96
9) Benzaldehyde	7.11	77	169938	59.930	ng	99
10) Phenol	7.17	94	294073	51.254	ng	98
11) bis(2-Chloroethyl)ether	7.40	93	197025	43.130	ng	99
12) 1,3-Dichlorobenzene	7.87	146	232694	47.612	ng	98
13) 1,4-Dichlorobenzene	8.02	146	231075	47.450	ng	99
14) 1,2-Dichlorobenzene	8.34	146	223771	48.030	ng	97
15) Benzyl Alcohol	8.22	79	221592	46.096	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.51	45	181178	40.404	ng	96
17) 2-Methylphenol	8.43	107	195071	44.066	ng	96
18) Hexachloroethane	9.07	117	87967	48.050	ng	96
19) n-Nitroso-di-n-propylamine	8.79	70	175907	43.382	ng	96
20) 3+4-Methylphenols	8.75	107	266119	42.948	ng	97
22) Acetophenone	8.80	105	329396	48.102	ng	98
24) Nitrobenzene	9.18	77	269790	47.426	ng	97
25) Isophorone	9.71	82	489680	43.087	ng	100
26) 2-Nitrophenol	9.89	139	127150	51.891	ng	99
27) 2,4-Dimethylphenol	9.96	122	199422	51.292	ng	91
28) bis(2-Chloroethoxy)methane	10.19	93	270816	45.353	ng	98
29) 2,4-Dichlorophenol	10.44	162	224355	49.974	ng	96
30) 1,2,4-Trichlorobenzene	10.66	180	245128	48.225	ng	99
31) Naphthalene	10.84	128	657362	47.454	ng	98
32) Benzoic acid	10.12	122	116560	38.557	ng	91
33) 4-Chloroaniline	10.95	127	135679	21.002	ng	97
34) Hexachlorobutadiene	11.13	225	166787	47.859	ng	100
35) Caprolactam	11.71	113	78041m	43.677	ng	
36) 4-Chloro-3-methylphenol	12.08	107	247704	46.968	ng	99
37) 2-Methylnaphthalene	12.45	142	491124	45.677	ng	97
38) 1-Methylnaphthalene	12.67	142	465194m	45.830	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	277271	48.567	ng	99

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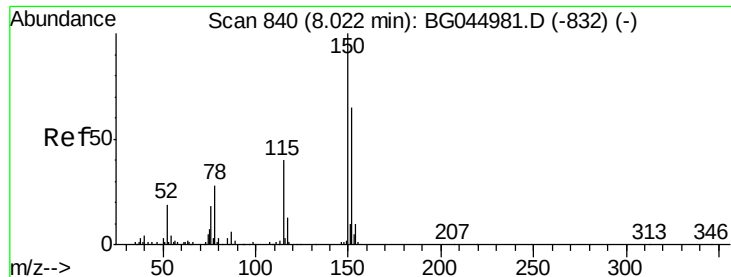
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	297825	83.466	ng	97
43) 2,4,6-Trichlorophenol	13.06	196	192985	47.896	ng	96
44) 2,4,5-Trichlorophenol	13.13	196	207057	45.147	ng	99
46) 1,1'-Biphenyl	13.46	154	631316	46.844	ng	99
47) 2-Chloronaphthalene	13.50	162	486482	47.241	ng	100
48) 2-Nitroaniline	13.69	65	156352	46.146	ng	98
49) Acenaphthylene	14.35	152	804958	47.989	ng	99
50) Dimethylphthalate	14.08	163	791659	54.833	ng	99
51) 2,6-Dinitrotoluene	14.19	165	149962	46.438	ng	96
52) Acenaphthene	14.69	154	580288m	51.131	ng	
53) 3-Nitroaniline	14.52	138	93862	26.501	ng	94
54) 2,4-Dinitrophenol	14.73	184	159963	83.304	ng	91
55) Dibenzofuran	15.02	168	779691	47.122	ng	99
56) 4-Nitrophenol	14.85	139	250644	91.270	ng	95
57) 2,4-Dinitrotoluene	14.99	165	215717	45.710	ng	99
58) Fluorene	15.67	166	634530	46.950	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.25	232	202837	49.705	ng	98
60) Diethylphthalate	15.45	149	674358	44.800	ng	99
61) 4-Chlorophenyl-phenylether	15.67	204	354771	45.605	ng	99
62) 4-Nitroaniline	15.69	138	146093	39.769	ng	94
63) Azobenzene	15.96	77	647869	46.683	ng	98
65) 4,6-Dinitro-2-methylphenol	15.75	198	129891	47.042	ng	97
66) n-Nitrosodiphenylamine	15.88	169	572059	47.397	ng	99
67) 4-Bromophenyl-phenylether	16.56	248	241819	44.622	ng	97
68) Hexachlorobenzene	16.68	284	262487	46.702	ng	99
69) Atrazine	16.83	200	214468	49.160	ng	96
70) Pentachlorophenol	17.03	266	312542	90.646	ng	97
71) Phenanthrene	17.41	178	1025647	47.513	ng	99
72) Anthracene	17.51	178	1043023	48.169	ng	100
73) Carbazole	17.77	167	955489	43.483	ng	98
74) Di-n-butylphthalate	18.34	149	1144748	48.303	ng	99
75) Fluoranthene	19.43	202	1261902	50.488	ng	98
77) Benzidine	19.60	184	638607	60.876	ng	96
78) Pyrene	19.79	202	1247722	48.246	ng	98
80) Butylbenzylphthalate	20.67	149	518196	48.339	ng	98
81) Benzo(a)anthracene	21.62	228	1182878	48.650	ng	98
82) 3,3'-Dichlorobenzidine	21.53	252	277345	28.659	ng	97
83) Chrysene	21.68	228	1131883	48.451	ng	98
84) Bis(2-ethylhexyl)phthalate	21.54	149	708997	48.088	ng	99
85) Di-n-octyl phthalate	22.73	149	1195238	46.880	ng	99
86) Indeno(1,2,3-cd)pyrene	28.41	276	1494719	48.191	ng	# 97
88) Benzo(b)fluoranthene	23.81	252	1248922m	47.622	ng	
89) Benzo(k)fluoranthene	23.87	252	1186502	47.573	ng	99
90) Benzo(a)pyrene	24.66	252	1156270	46.697	ng	98
91) Dibenzo(a,h)anthracene	28.47	278	1202621	48.200	ng	96
92) Benzo(g,h,i)perylene	29.54	276	1248514	49.912	ng	97

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



#1

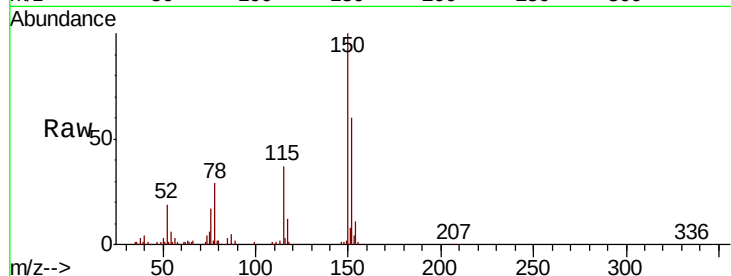
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BG045285.D
Acq: 8 May 2020 1:19

Instrument :
BNA_G
ClientSampleId :
72-11936MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	167.3	123.6	185.4
115	61.1	49.1	73.7

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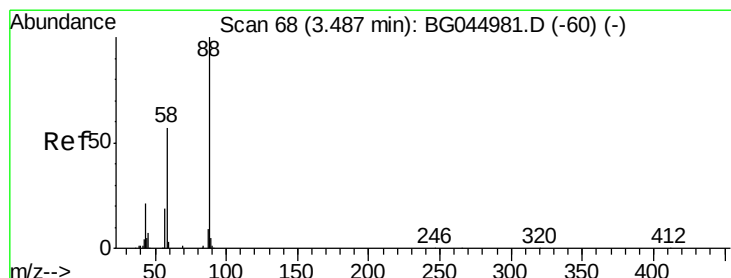
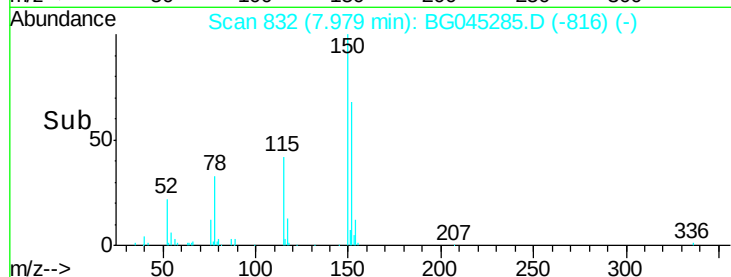
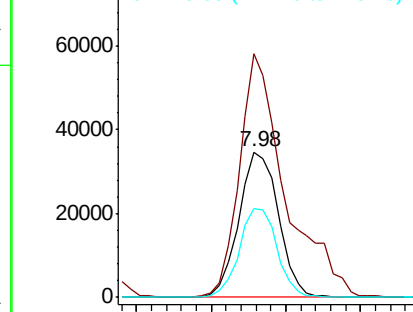


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

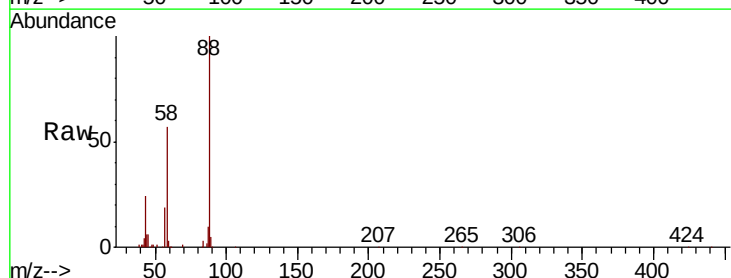
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 45.515 ng
RT: 3.43 min Scan# 58
Delta R.T. -0.00 min
Lab File: BG045285.D
Acq: 8 May 2020 1:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	58.1	46.6	69.8
43	23.4	17.5	26.3

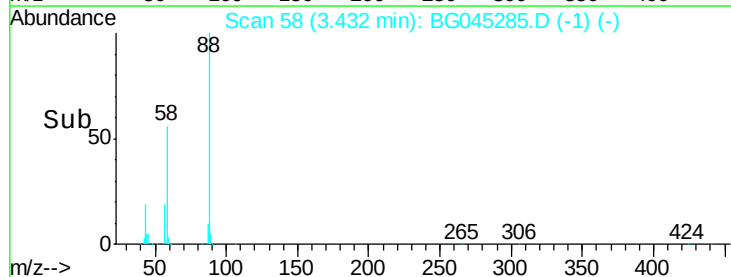
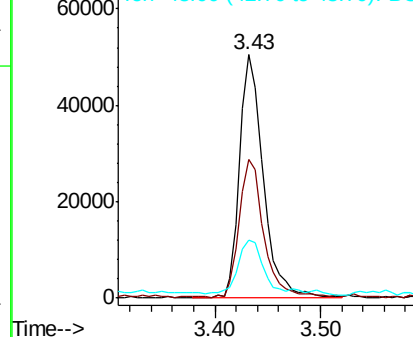


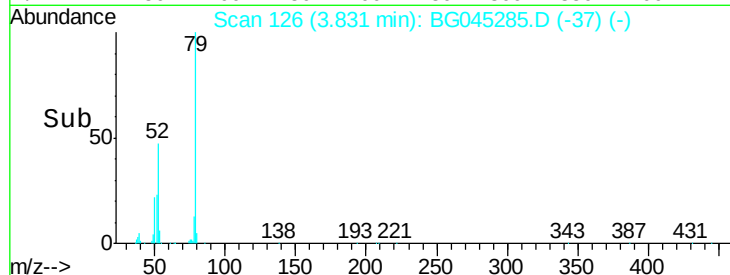
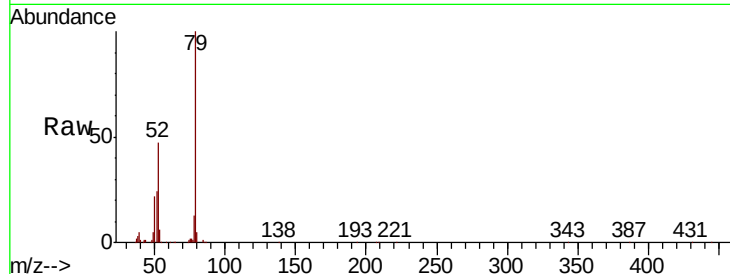
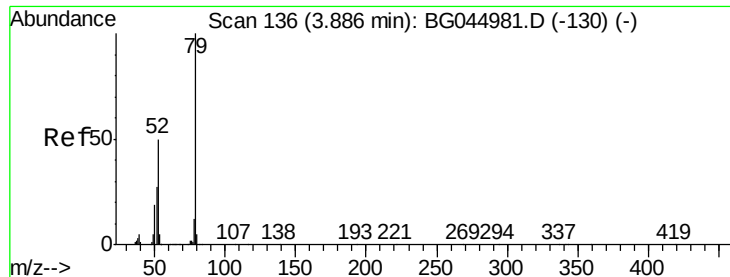
Abundance

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





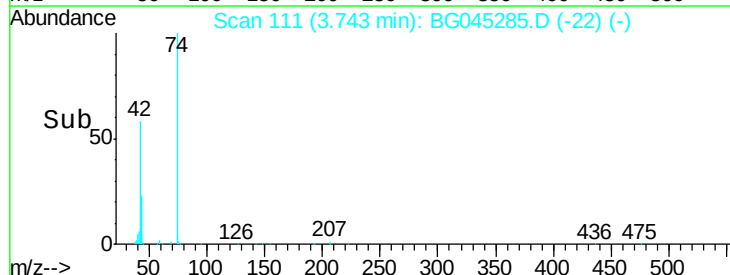
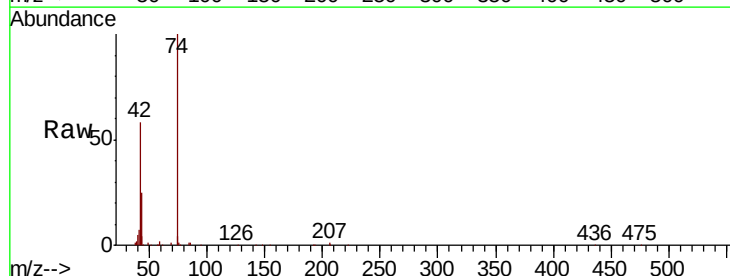
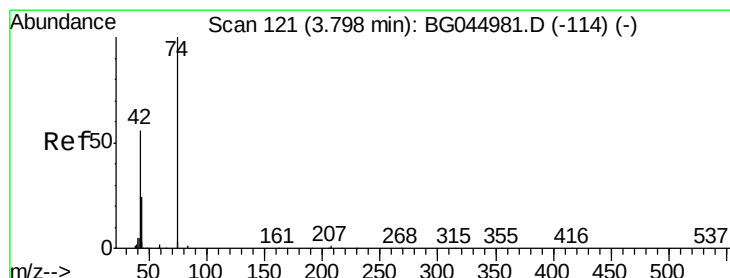
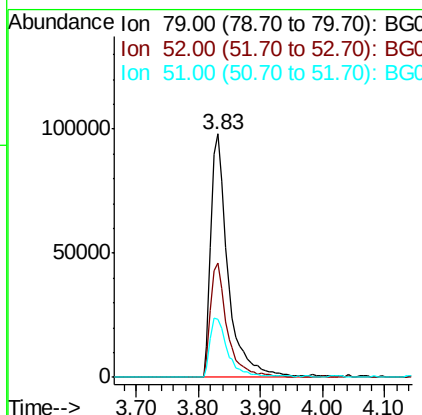
#3
 Pvrindine
 Concen: 35.549 ng
 RT: 3.83 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: BG045285.D
 Acq: 8 May 2020 1:19

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100			
52	52	47.0		39.8	59.6
51	51	23.6		21.4	32.2

Instrument :
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 72-11936MSD

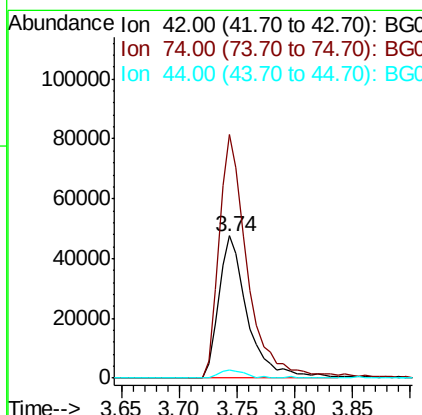
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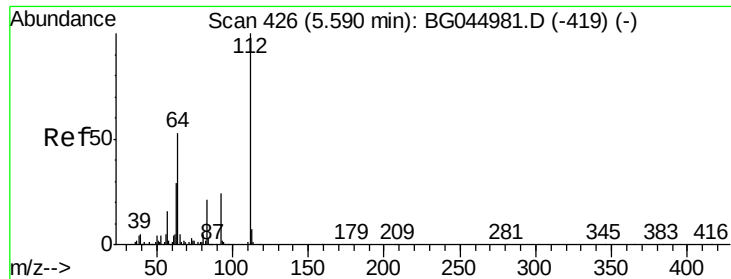
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#4
 n-Nitrosodimethylamine
 Concen: 50.545 ng
 RT: 3.74 min Scan# 111
 Delta R.T. -0.00 min
 Lab File: BG045285.D
 Acq: 8 May 2020 1:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100			
74	74	171.2		143.0	214.6
44	44	6.1		4.6	6.8





#5

2-Fluorophenol

Concen: 113.265 ng

RT: 5.55 min Scan# 419

Delta R.T. 0.00 min

Lab File: BG045285.D

Acq: 8 May 2020 1:19

Instrument :

BNA_G

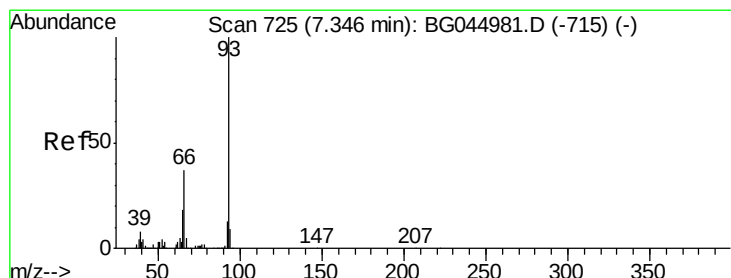
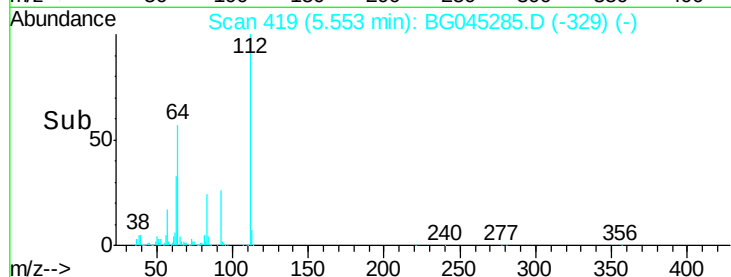
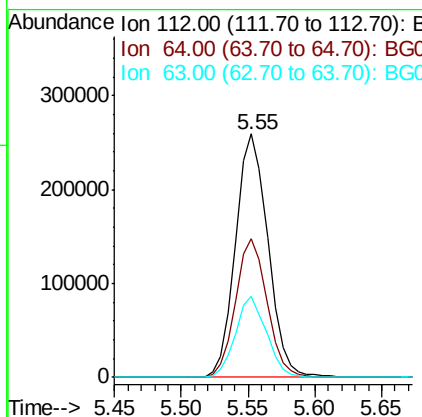
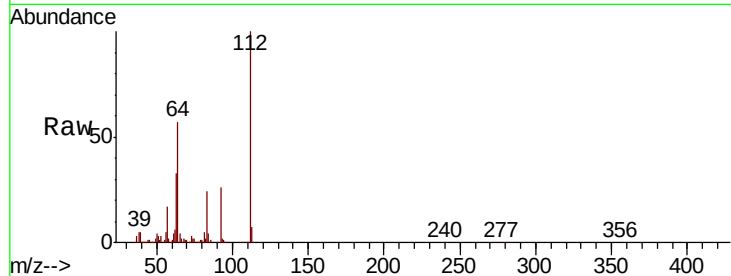
ClientSampleId :

72-11936MSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	437104		
64	56.9	42.4	63.6	
63	33.1	23.1	34.7	

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#6

Aniline

Concen: 35.291 ng

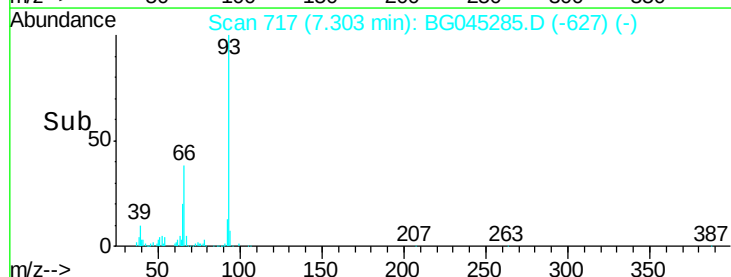
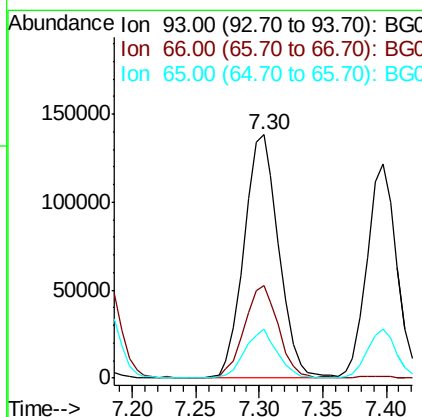
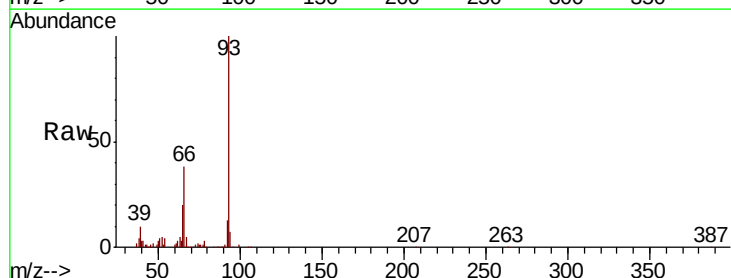
RT: 7.30 min Scan# 717

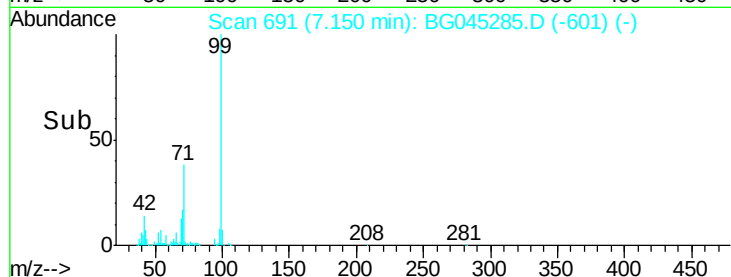
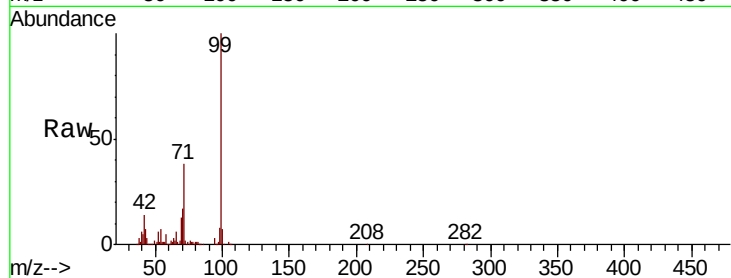
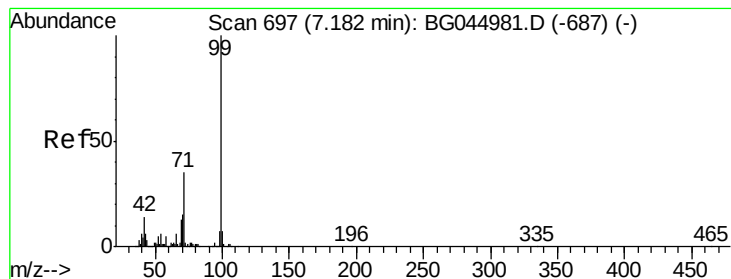
Delta R.T. 0.00 min

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Tgt Ion	Ratio	Resp	Lower	Upper
93	100	263089		
66	38.1	29.8	44.8	
65	19.9	14.6	22.0	





#7

Phenol-d6

Concen: 110.605 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG045285.D

Acq: 8 May 2020 1:19

Tot Ion:	99	Resp:	634173
Ion Ratio	Lower	Upper	
99	100		
42	13.7	11.3	16.9
71	38.2	28.3	42.5

Instrument :

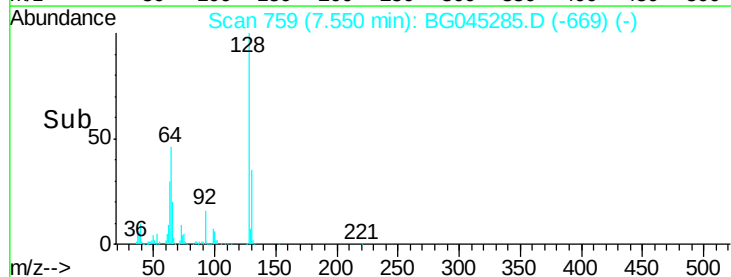
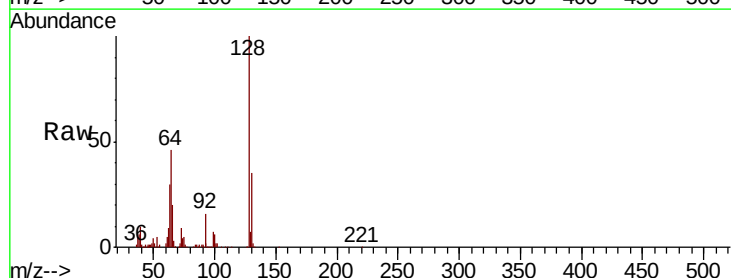
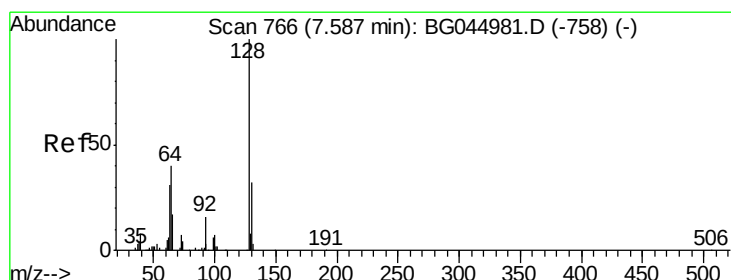
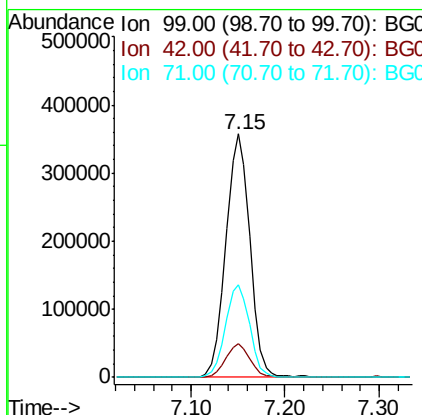
BNA_G

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#8

2-Chlorophenol

Concen: 52.245 ng

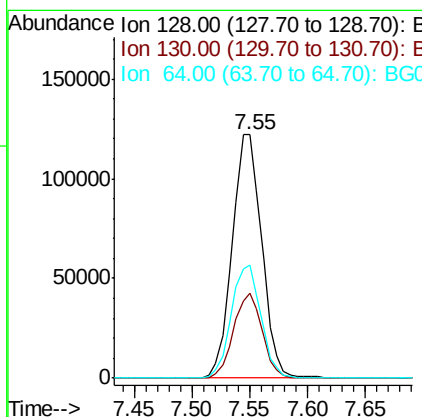
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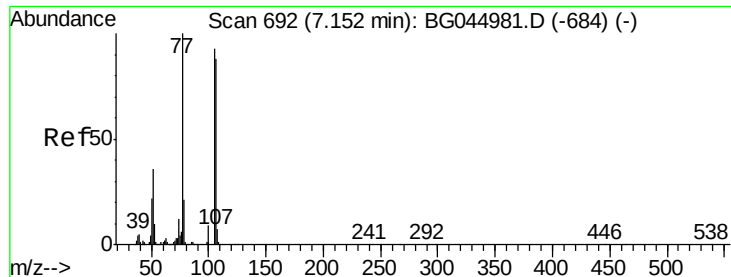
Delta R.T. 0.00 min

Lab File: BG045285.D

Acq: 8 May 2020 1:19

Tgt Ion:	128	Resp:	216688
Ion Ratio	Lower	Upper	
128	100		
130	34.9	12.3	52.3
64	46.3	24.4	64.4





#9

Benzaldehyde

Concen: 59.930 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG045285.D

Acq: 8 May 2020 1:19

Instrument :

BNA_G

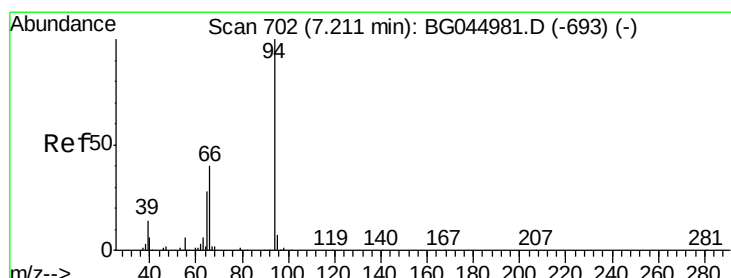
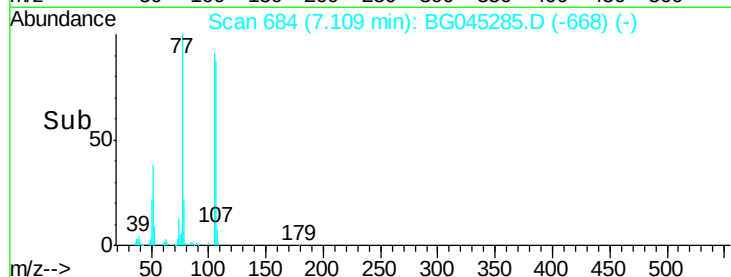
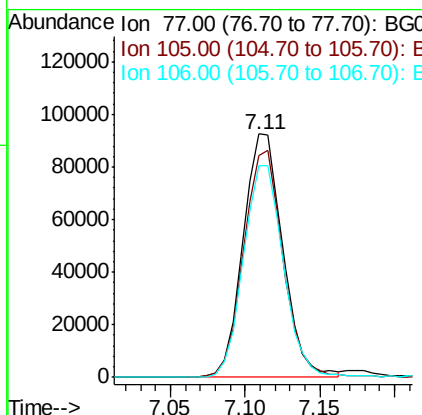
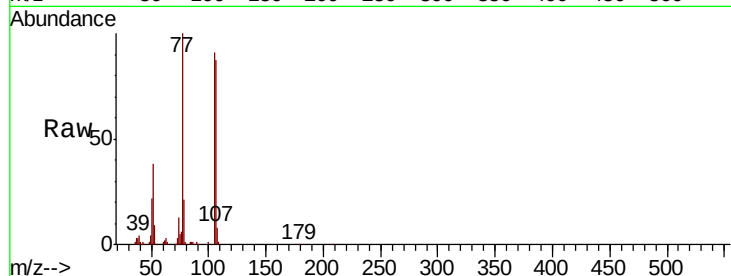
ClientSampleId :

72-11936MSD

Tot Ion:	77	Resp:	169938
Ion	Ratio	Lower	Upper
77	100		
105	90.9	72.9	112.9
106	87.0	67.6	107.6

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#10

Phenol

Concen: 51.254 ng

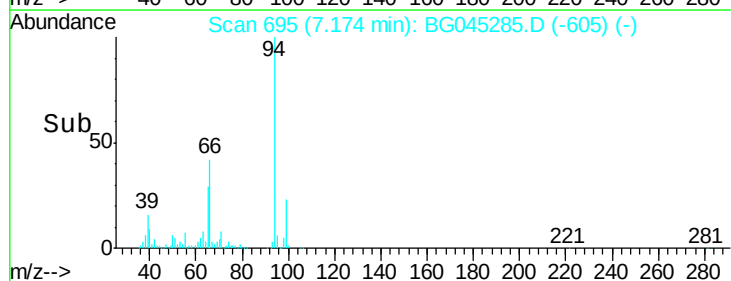
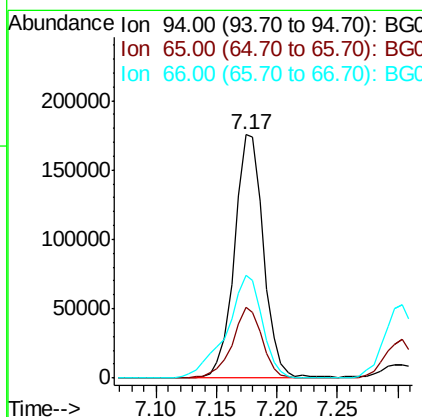
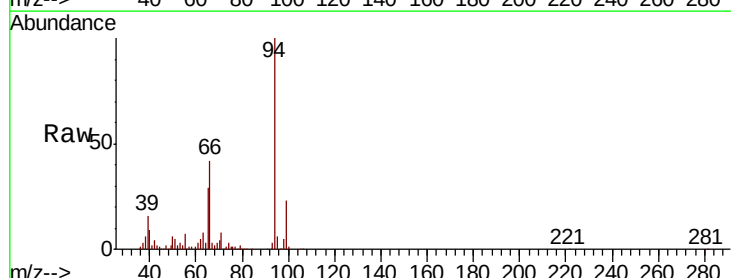
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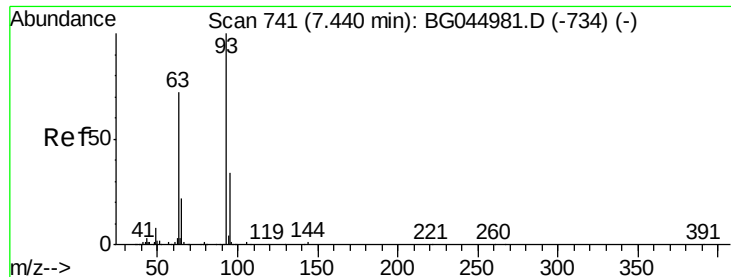
Delta R.T. 0.00 min

Lab File: BG045285.D

Acq: 8 May 2020 1:19

Tgt Ion:	94	Resp:	294073
Ion	Ratio	Lower	Upper
94	100		
65	28.8	8.2	48.2
66	42.0	20.4	60.4





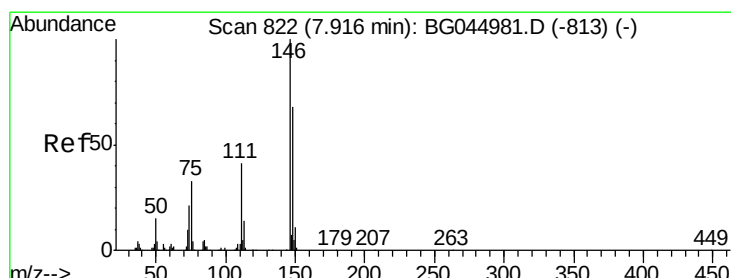
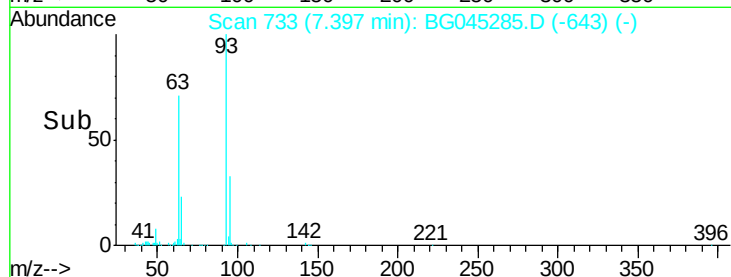
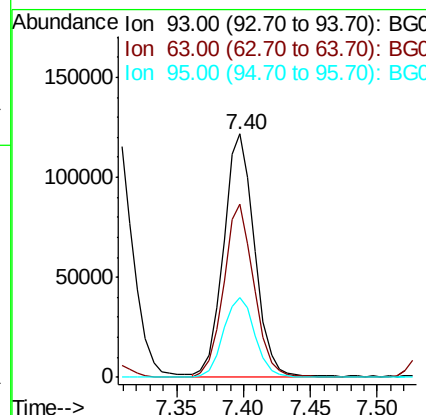
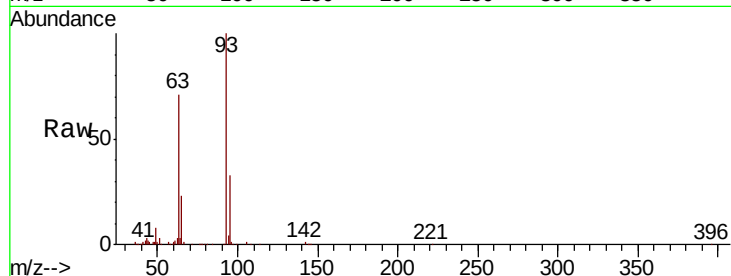
#11
bis(2-Chloroethyl)ether
Concen: 43.130 ng
RT: 7.40 min Scan# 733
Delta R.T. 0.00 min
Lab File: BG045285.D
Acq: 8 May 2020 1:19

Instrument :
BNA_G
ClientSampleId :
72-11936MSD

Tot Ion	93	Resp	197025
Ion	Ratio	Lower	Upper
93	100		
63	71.0	51.8	91.8
95	32.9	13.8	53.8

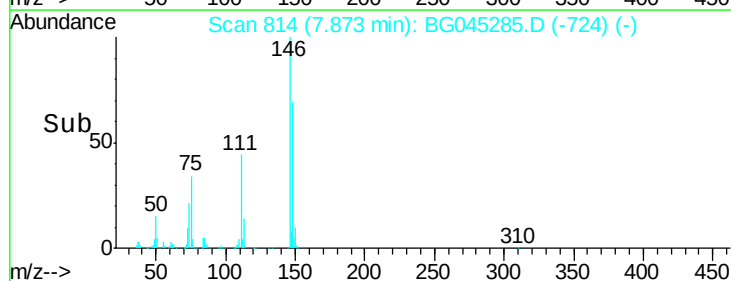
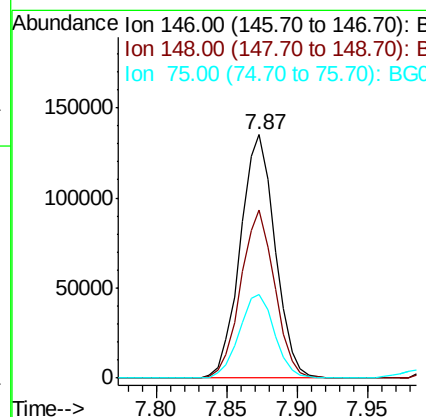
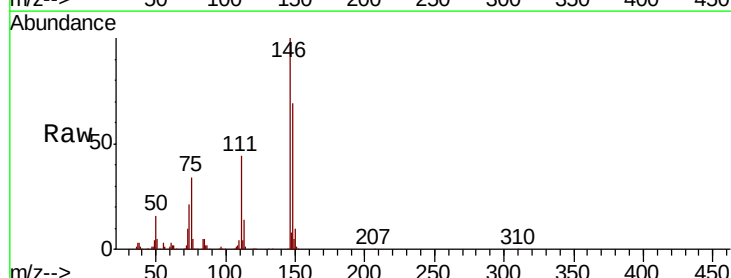
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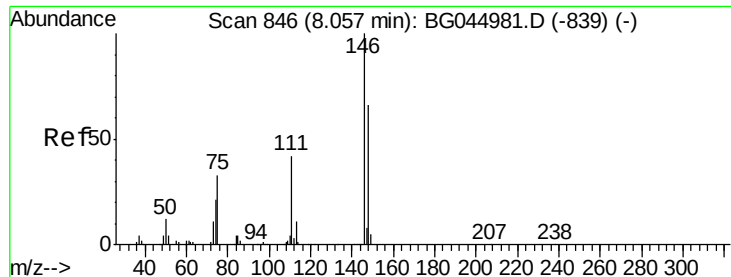
mohammad
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#12
1,3-Dichlorobenzene
Concen: 47.612 ng
RT: 7.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BG045285.D
Acq: 8 May 2020 1:19

Tgt Ion	146	Resp	232694
Ion	Ratio	Lower	Upper
146	100		
148	69.0	54.6	81.8
75	34.4	26.0	39.0





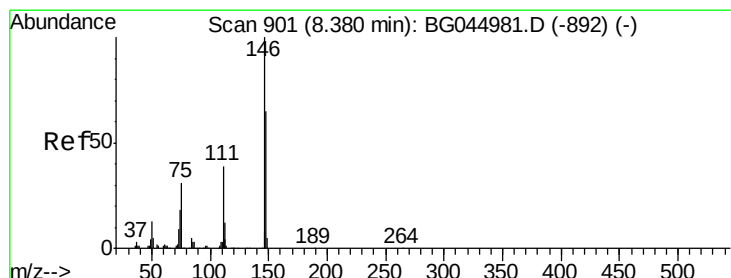
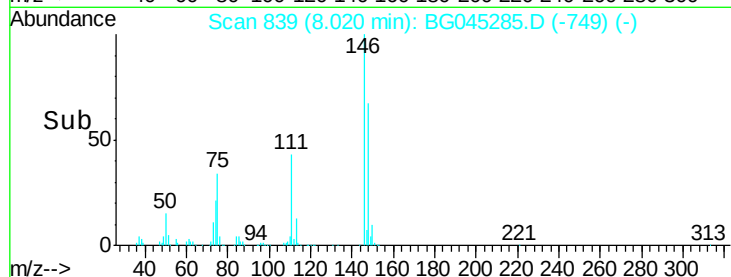
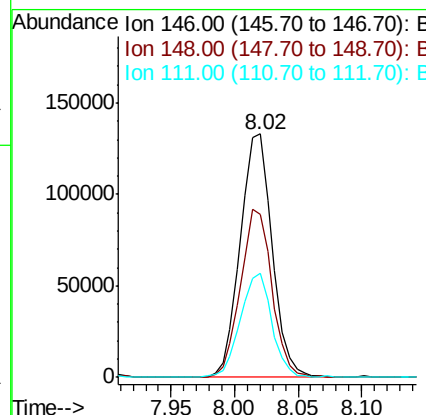
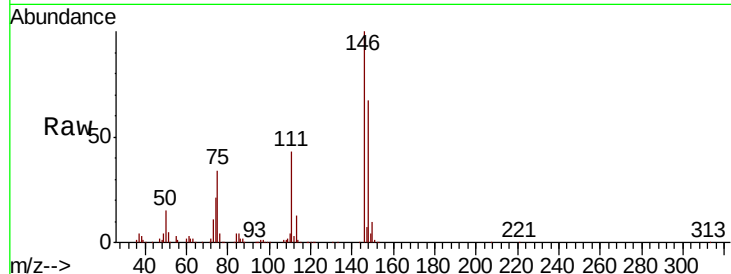
#13
 1,4-Dichlorobenzene
 Concen: 47.450 ng
 RT: 8.02 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BG045285.D
 Acq: 8 May 2020 1:19

Instrument :
 BNA_G
 ClientSampleId :
 72-11936MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.7	53.3	79.9
111	43.0	33.8	50.8

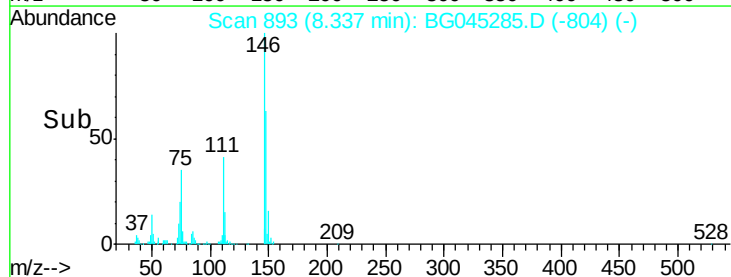
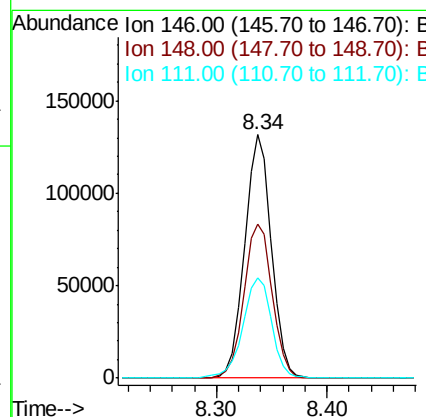
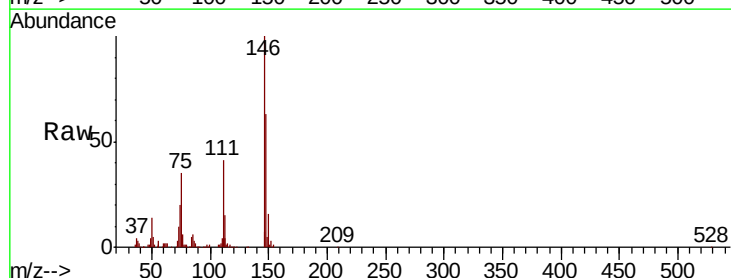
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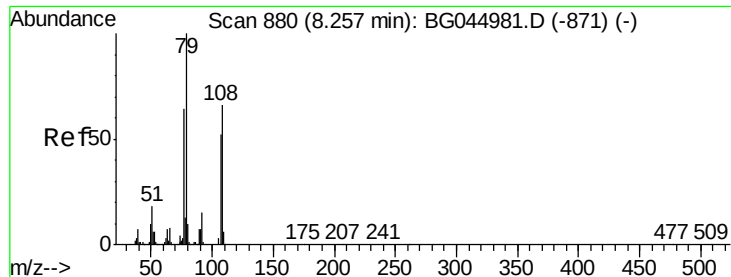
mohammad
 5/8/2020 1:00:18 PM



#14
 1,2-Dichlorobenzene
 Concen: 48.030 ng
 RT: 8.34 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: BG045285.D
 Acq: 8 May 2020 1:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.9	77.9
111	41.2	31.3	46.9





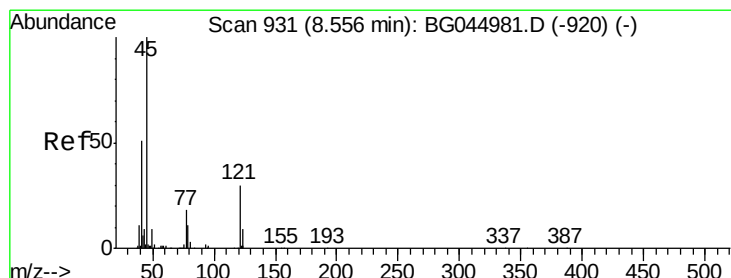
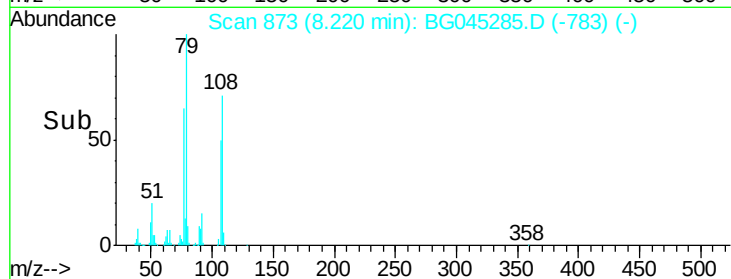
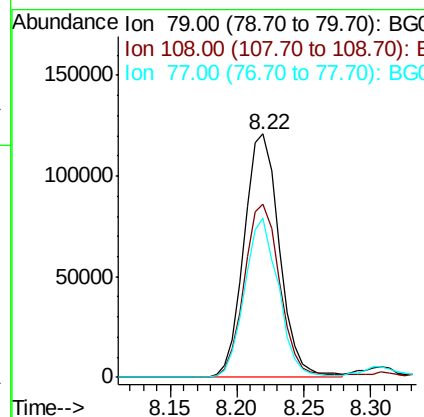
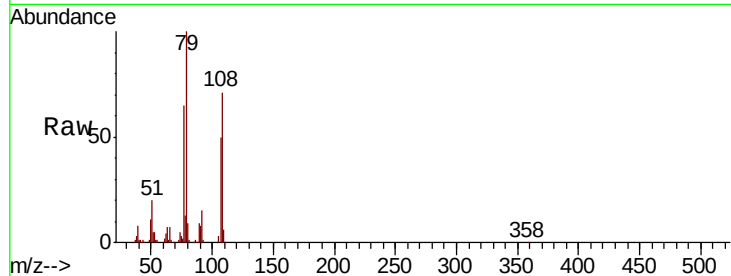
#15
Benzyl Alcohol
Concen: 46.096 ng
RT: 8.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BG045285.D
Acq: 8 May 2020 1:19

Instrument :
BNA_G
ClientSampleId :
72-11936MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	71.1	52.7	79.1
77	65.3	51.3	76.9

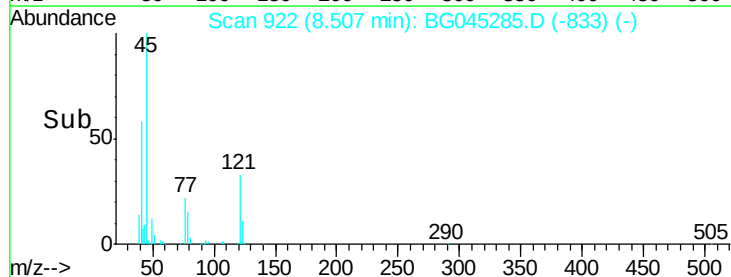
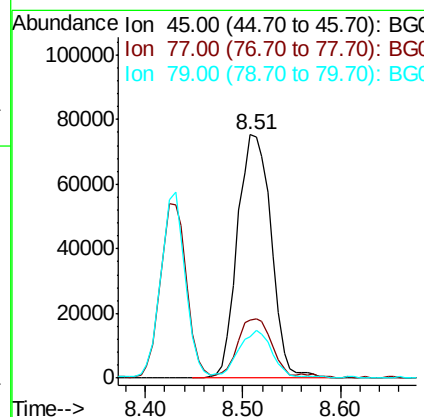
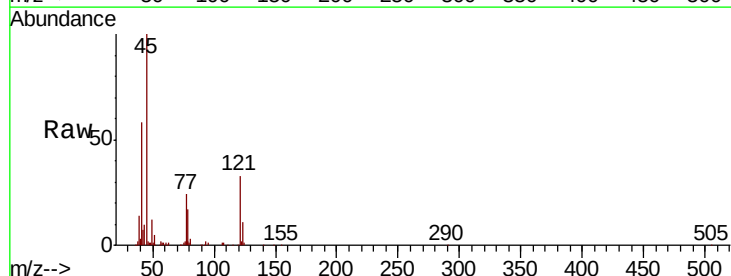
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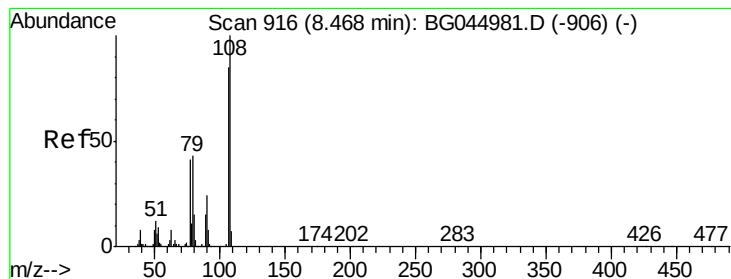
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#16
2,2'-oxybis(1-chloropropane)
Concen: 40.404 ng
RT: 8.51 min Scan# 922
Delta R.T. -0.00 min
Lab File: BG045285.D
Acq: 8 May 2020 1:19

Tgt Ion	Ratio	Lower	Upper
45	100		
77	23.8	1.9	41.9
79	17.1	0.0	35.5





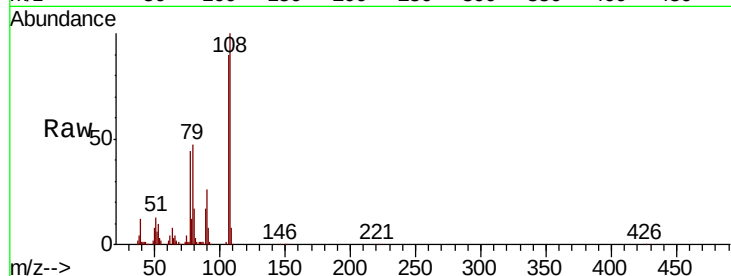
#17
2-Methylphenol
Concen: 44.066 ng
RT: 8.43 min Scan# 909
Delta R.T. 0.00 min
Lab File: BG045285.D
Acq: 8 May 2020 1:19

Instrument :
BNA_G
ClientSampleId :
72-11936MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	195071		
108	111.4	93.8	140.6	
77	49.0	38.5	57.7	
79	52.8	40.1	60.1	

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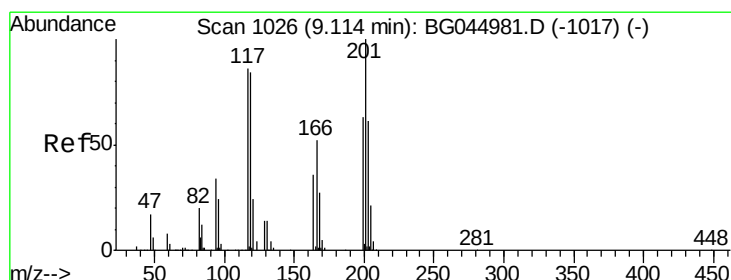
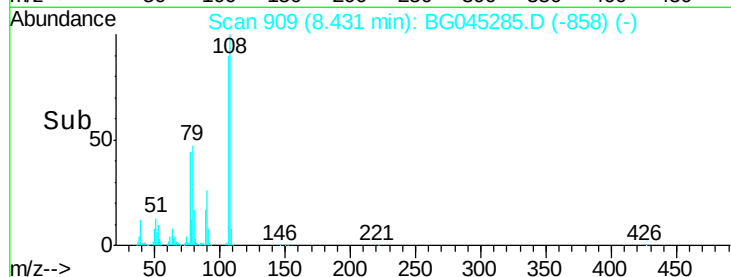
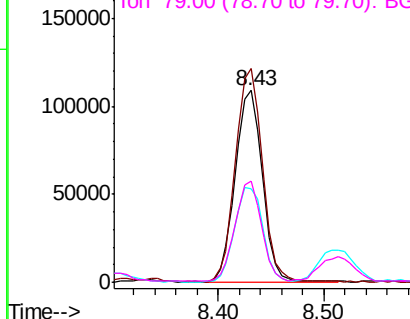
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

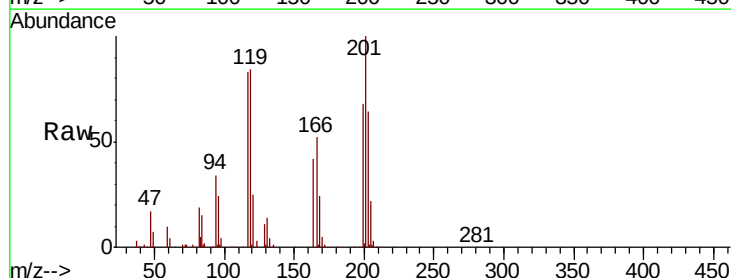
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 48.050 ng
RT: 9.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BG045285.D
Acq: 8 May 2020 1:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	87967		
119	101.5	78.3	117.5	
201	120.8	92.9	139.3	

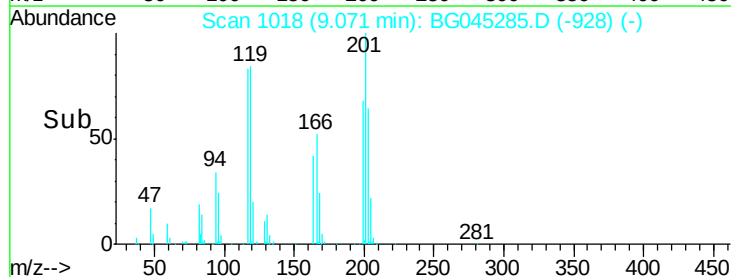
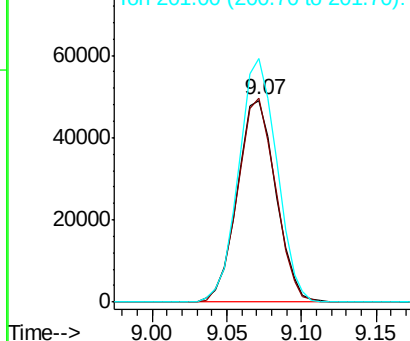


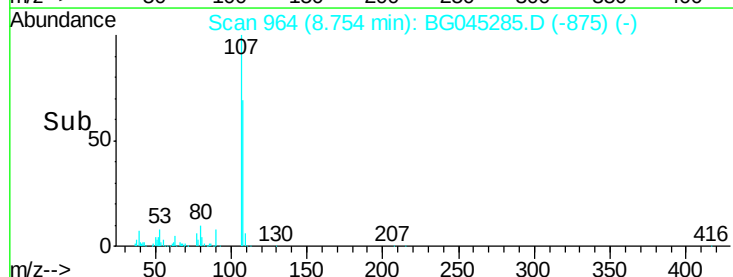
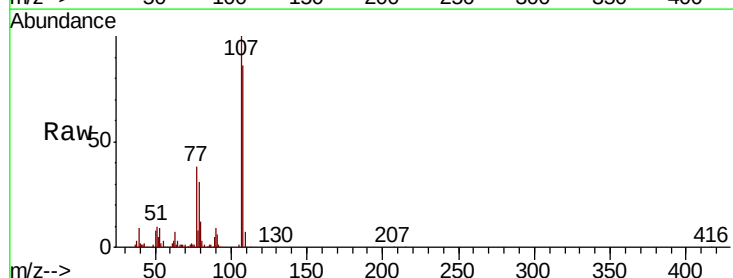
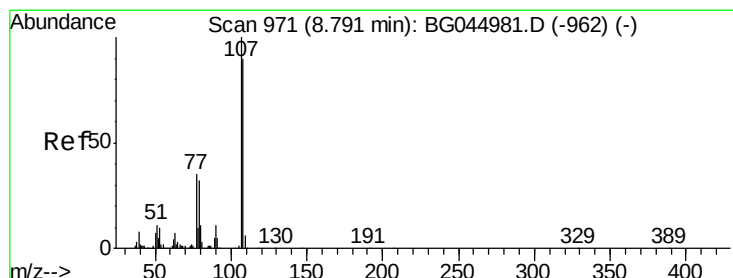
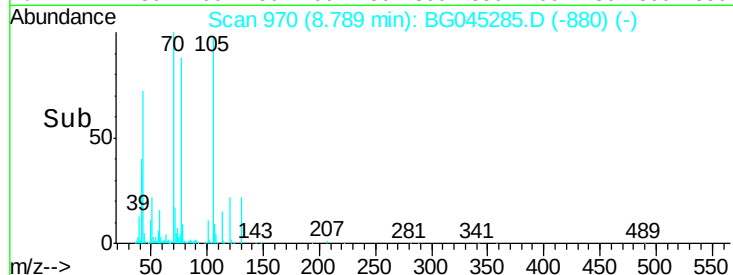
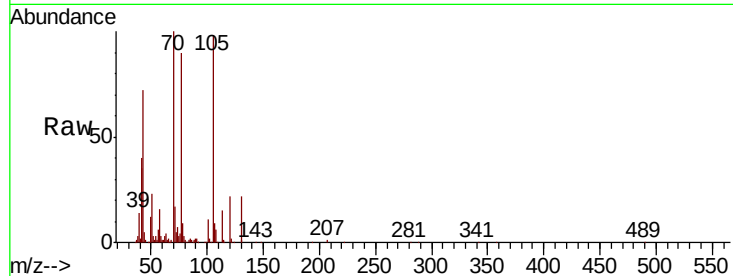
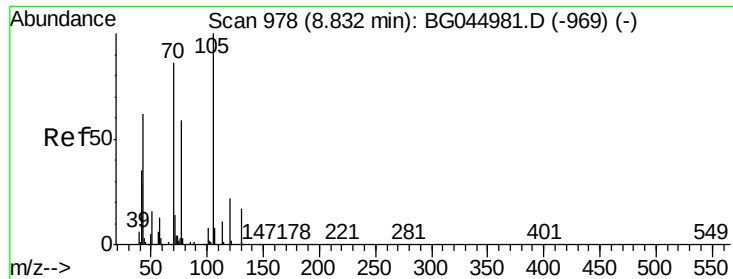
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

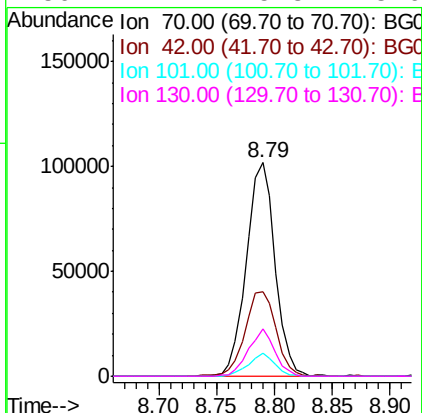
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 43.382 ng
RT: 8.79 min Scan# 970
Delta R.T. 0.00 min
Lab File: BG045285.D
Acq: 8 May 2020 1:19

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	39.6	33.3	49.9	
101	10.7	7.8	11.8	
130	22.2	15.8	23.6	



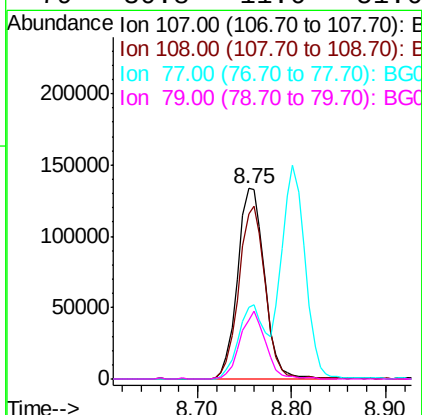
Instrument :
BNA_G
ClientSampleId :
72-11936MSD

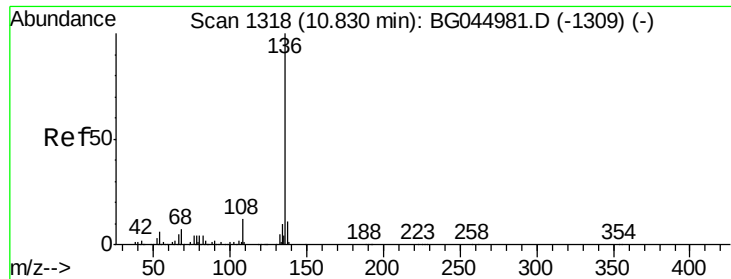
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#20
3+4-Methylphenols
Concen: 42.948 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.00 min
Lab File: BG045285.D
Acq: 8 May 2020 1:19

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.5	69.9	109.9	
77	37.8	15.2	55.2	
79	30.8	11.6	51.6	





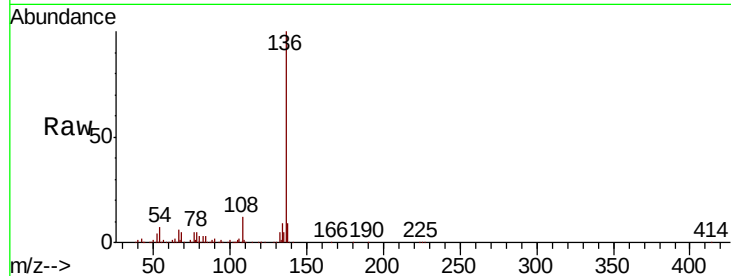
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.79 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BG045285.D
Acq: 8 May 2020 1:19

Instrument :
BNA_G
ClientSampleId :
72-11936MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		253224		
137	9.5	8.6	13.0		
54	6.6	4.8	7.2		
68	5.0	5.2	7.8#		

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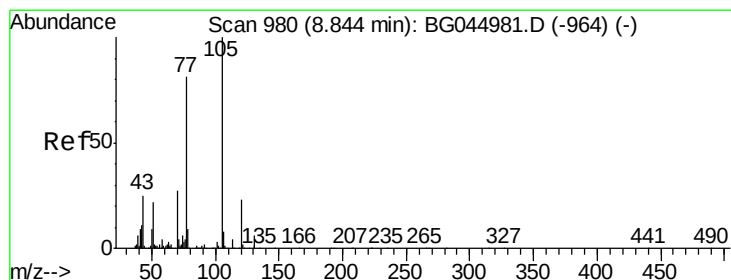
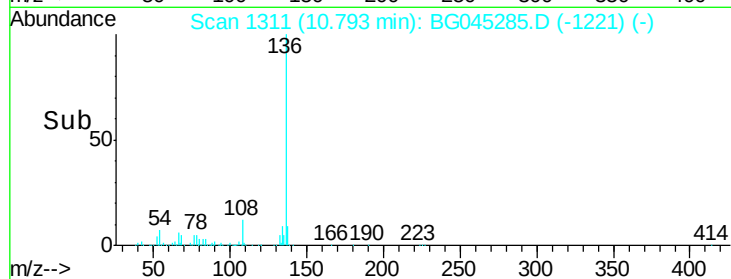
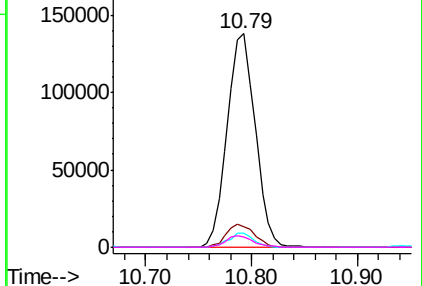
Abundance

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: 48.102 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BG045285.D
Acq: 8 May 2020 1:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		329396		
71	4.6	3.3	4.9		
51	22.9	17.3	25.9		
120	22.0	18.4	27.6		

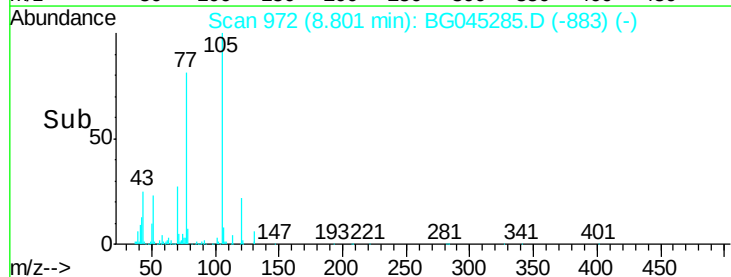
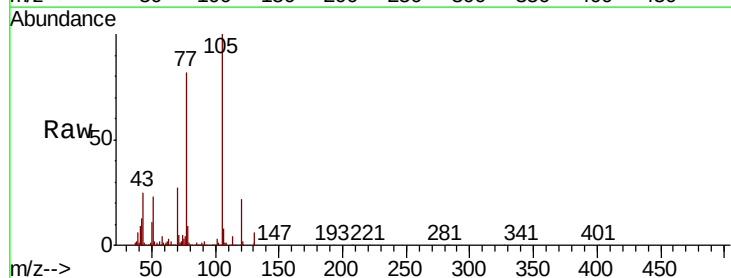
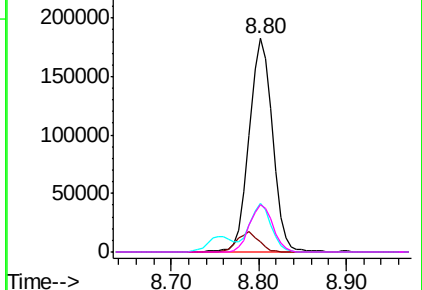
Abundance

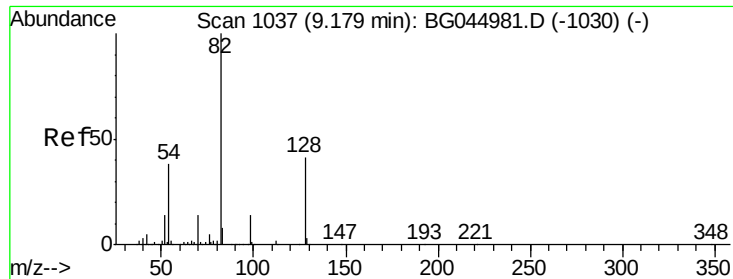
Ion 105.00 (104.70 to 105.70): E

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





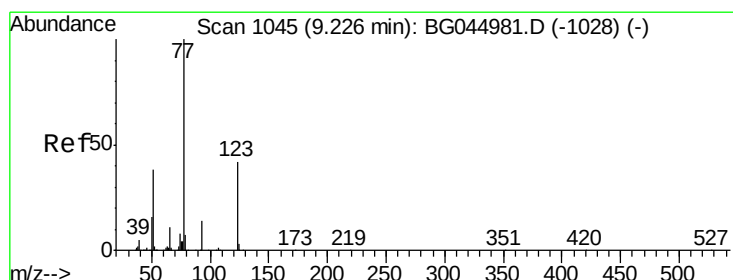
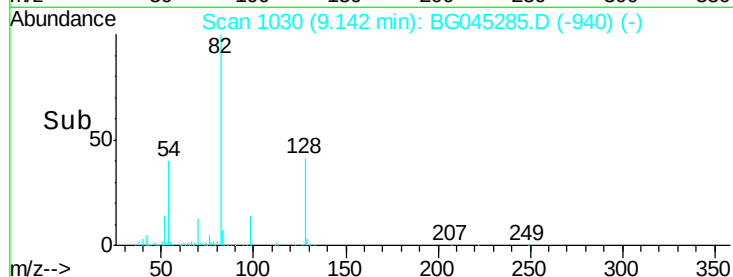
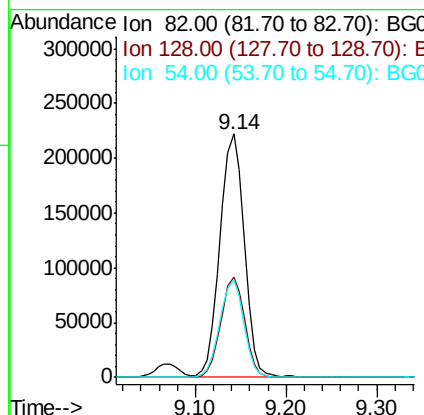
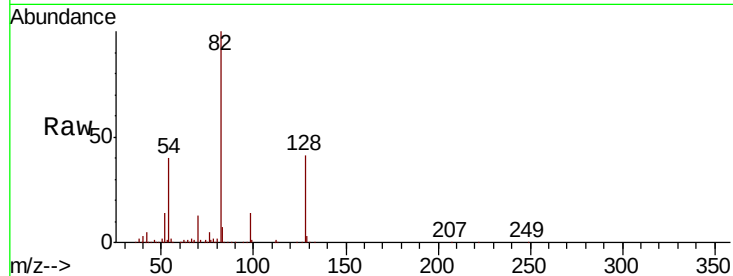
#23
 Nitrobenzene-d5
 Concen: 74.832 ng
 RT: 9.14 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BG045285.D
 Acq: 8 May 2020 1:19

Instrument :
 BNA_G
 ClientSampleId :
 72-11936MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	415292		
128	41.1	33.0	49.4	
54	40.3	30.4	45.6	

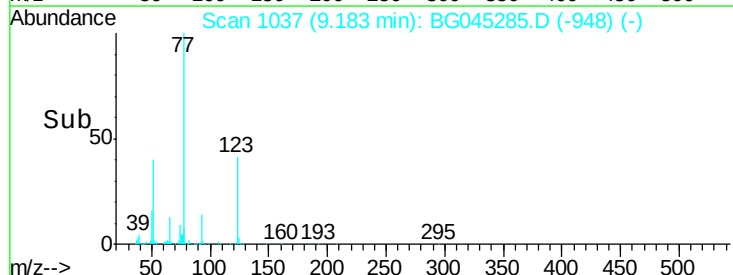
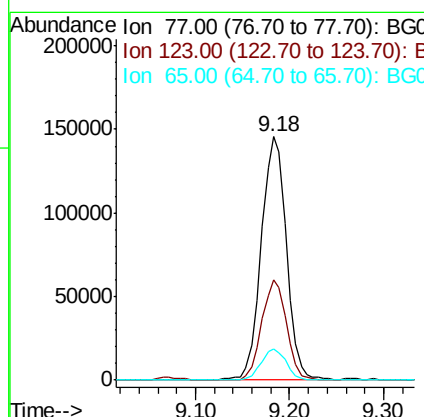
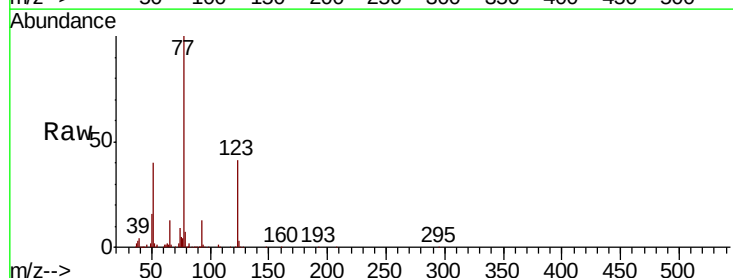
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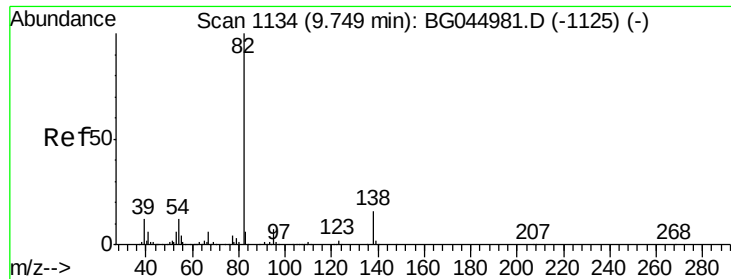
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 5/8/2020 1:00:18 PM



#24
 Nitrobenzene
 Concen: 47.426 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BG045285.D
 Acq: 8 May 2020 1:19

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	269790		
123	41.1	34.3	51.5	
65	12.6	8.9	13.3	





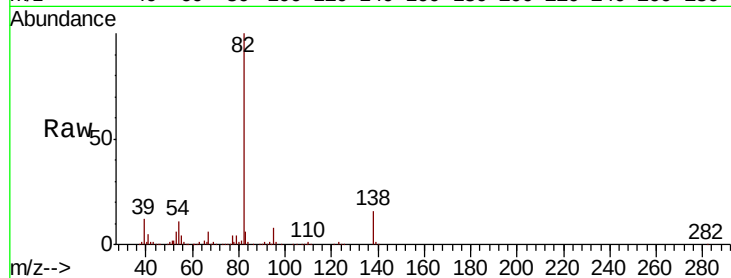
#25
Isophorone
Concen: 43.087 ng
RT: 9.71 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BG045285.D
Acq: 8 May 2020 1:19

Instrument :
BNA_G
ClientSampleId :
72-11936MSD

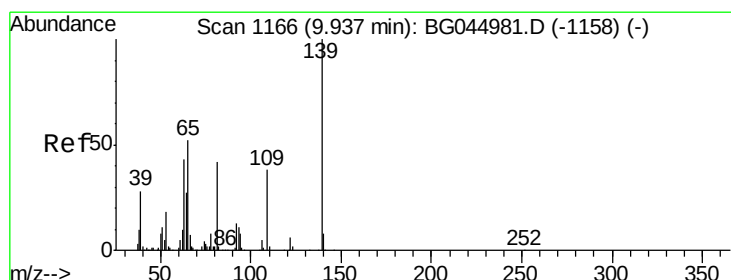
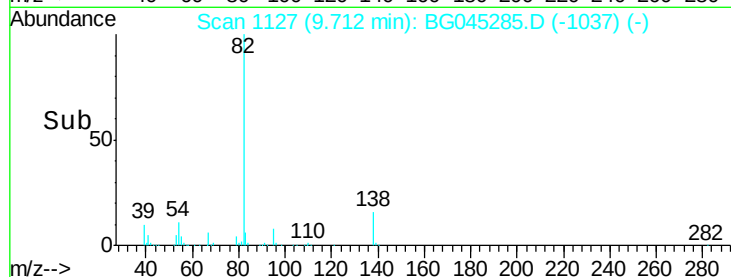
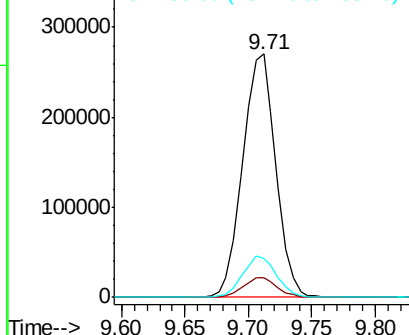
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.9	6.0	9.0	
138	15.8	12.7	19.1	

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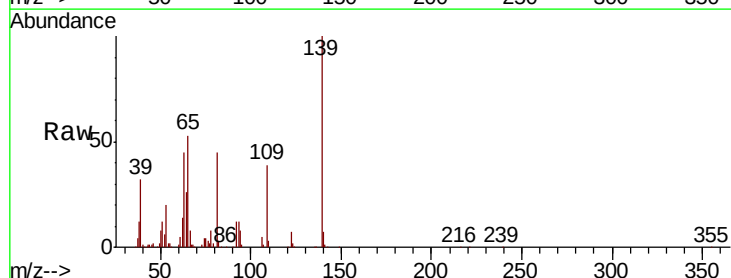


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

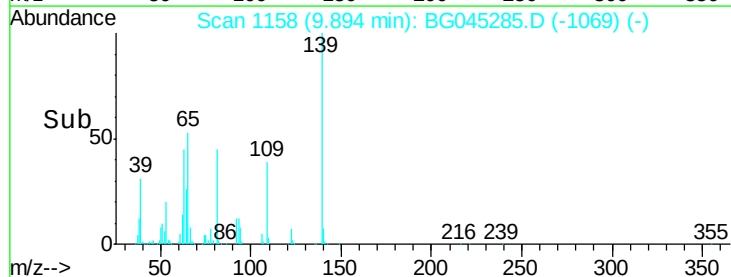
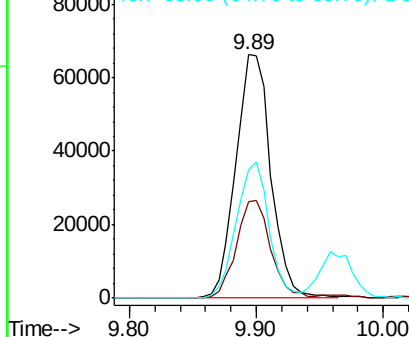


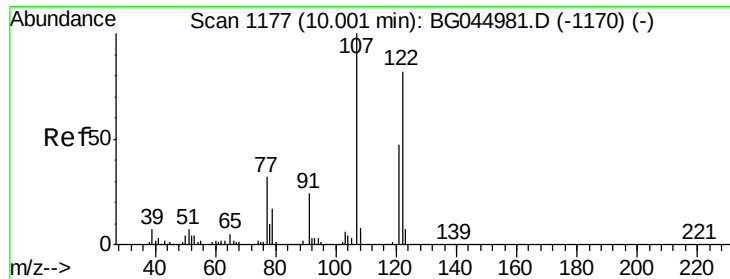
#26
2-Nitrophenol
Concen: 51.891 ng
RT: 9.89 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BG045285.D
Acq: 8 May 2020 1:19

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	39.5	30.6	45.8	
65	52.9	41.8	62.6	



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





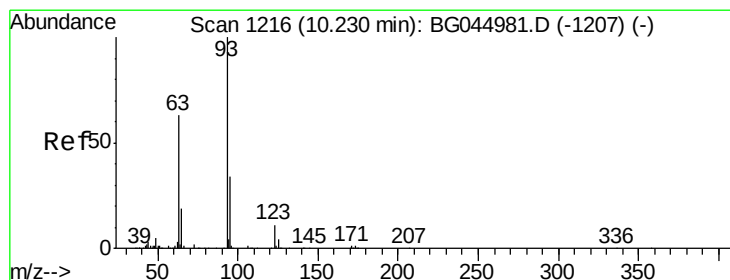
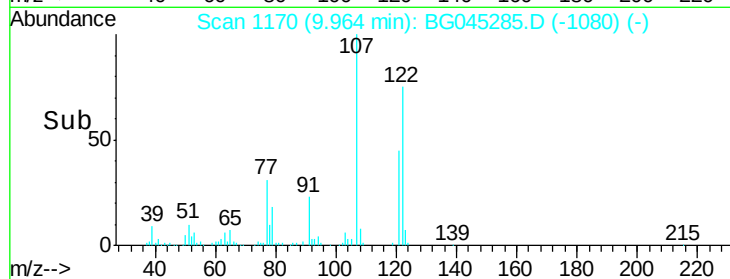
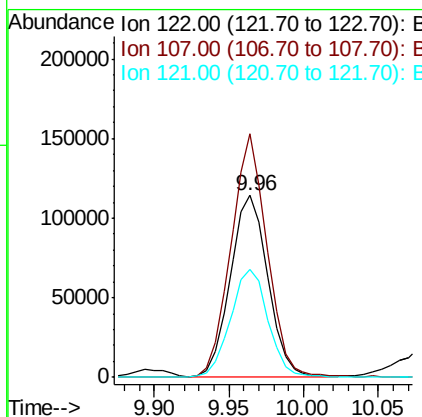
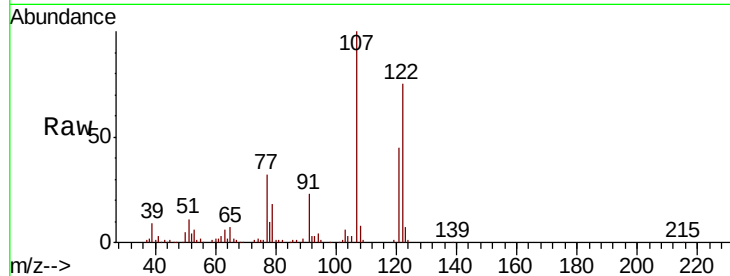
#27
2,4-Dimethylphenol
Concen: 51.292 ng
RT: 9.96 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BG045285.D
Acq: 8 May 2020 1:19

Instrument :
BNA_G
ClientSampleId :
72-11936MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	199422		
107	133.8	96.8	145.2	
121	59.5	45.6	68.4	

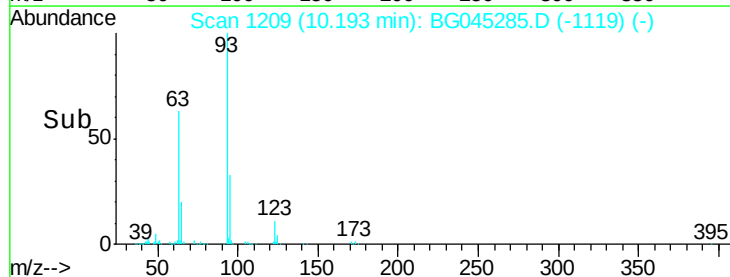
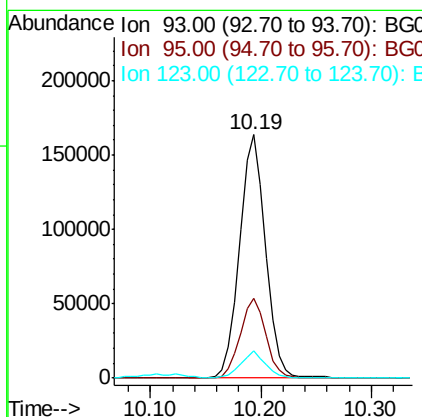
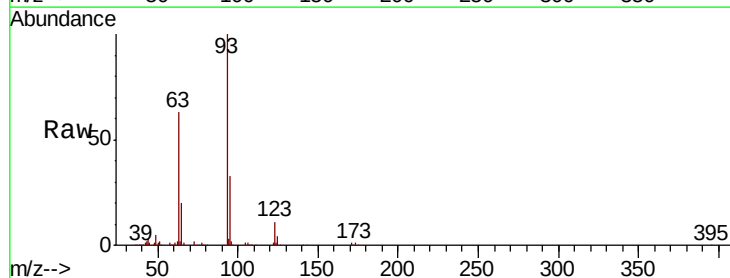
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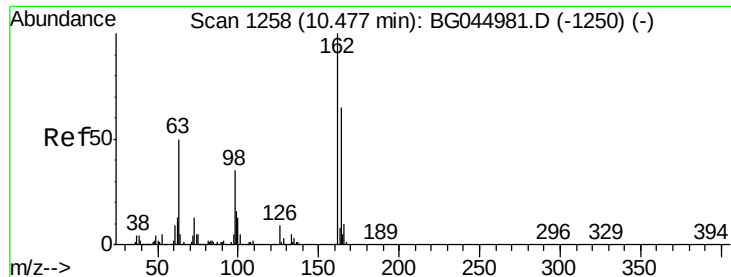
mohammad
5/8/2020 1:00:18 PM



#28
bis(2-Chloroethoxy)methane
Concen: 45.353 ng
RT: 10.19 min Scan# 1209
Delta R.T. 0.00 min
Lab File: BG045285.D
Acq: 8 May 2020 1:19

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	270816		
95	32.6	27.0	40.4	
123	11.2	8.7	13.1	





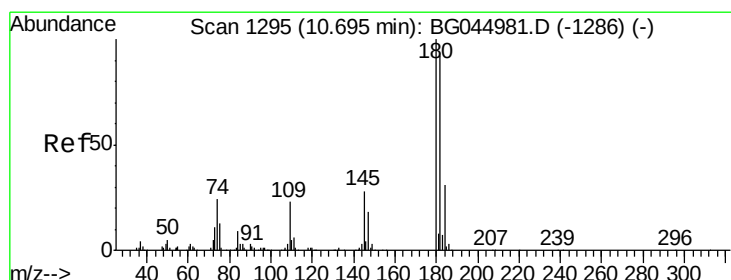
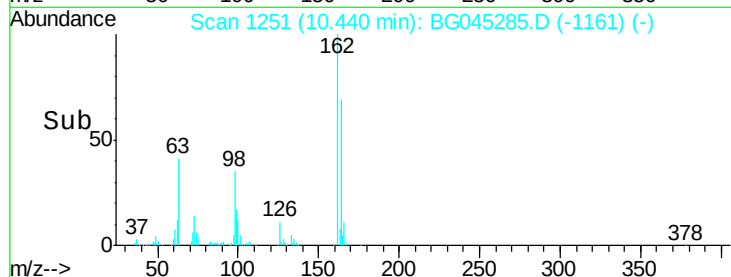
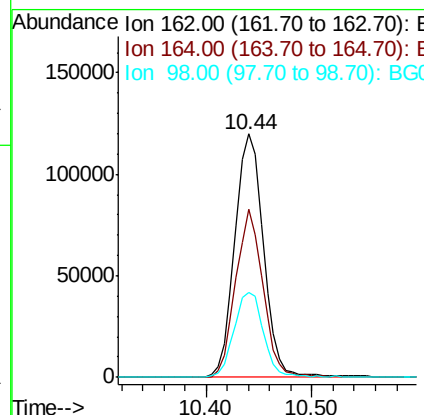
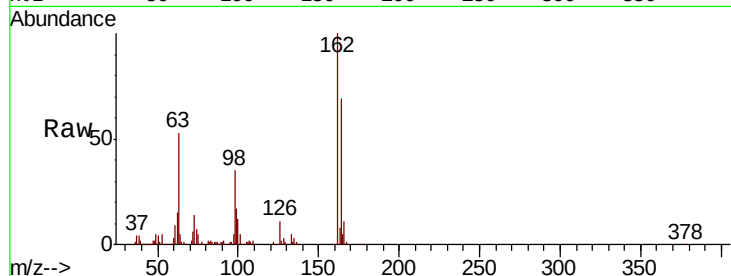
#29
 2,4-Dichlorophenol
 Concen: 49.974 ng
 RT: 10.44 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BG045285.D
 Acq: 8 May 2020 1:19

Instrument :
 BNA_G
 ClientSampleId :
 72-11936MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	69.1	45.0	85.0
98	34.9	15.2	55.2

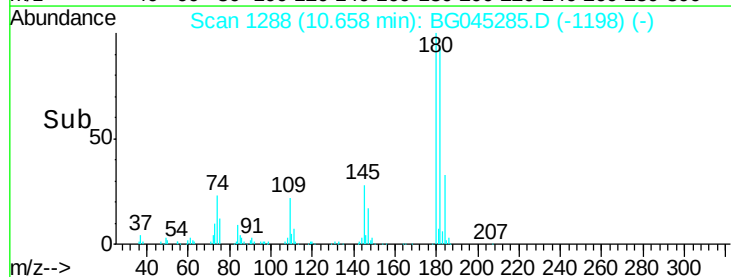
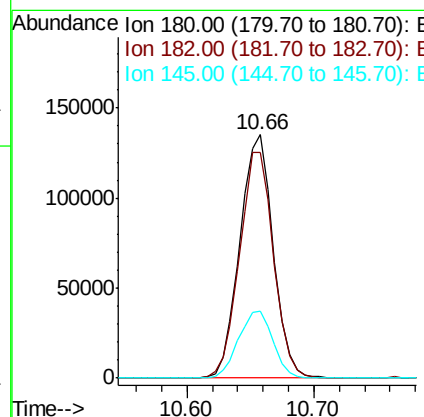
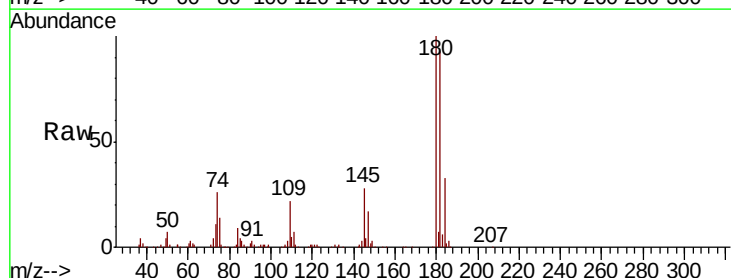
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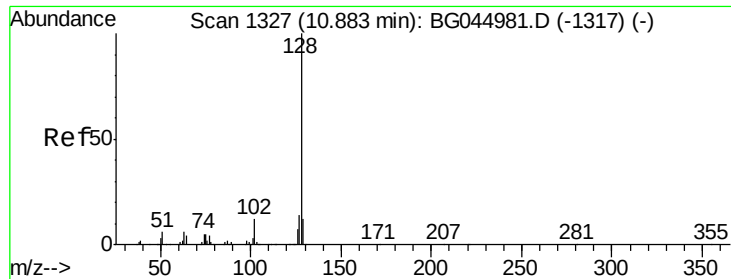
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 48.225 ng
 RT: 10.66 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: BG045285.D
 Acq: 8 May 2020 1:19

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	92.7	73.3	109.9
145	27.5	22.6	33.8





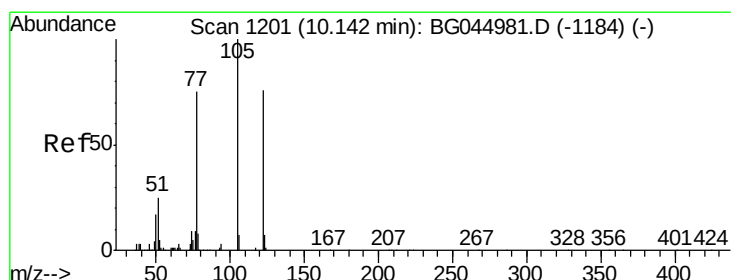
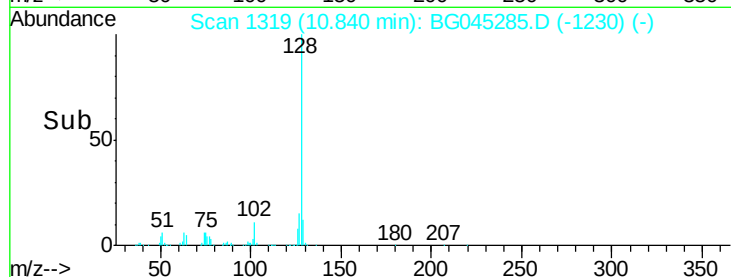
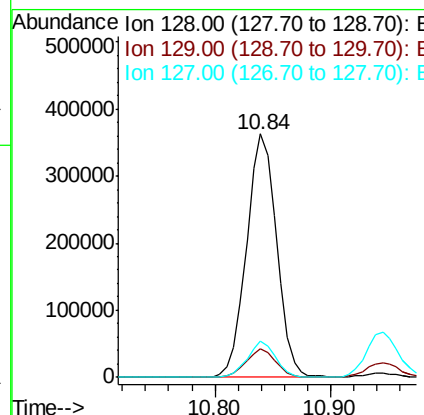
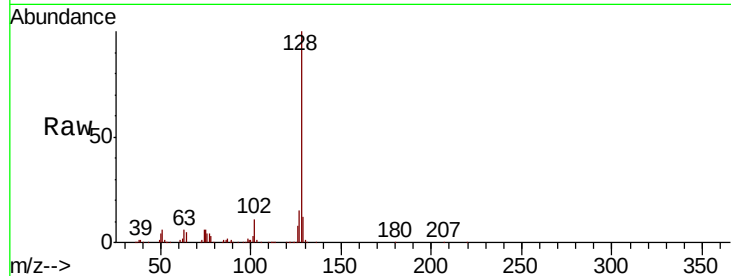
#31
Naphthalene
Concen: 47.454 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BG045285.D
Acq: 8 May 2020 1:19

Instrument :
BNA_G
ClientSampleId :
72-11936MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	657362		
129	11.6		9.4	14.2
127	14.7		10.8	16.2

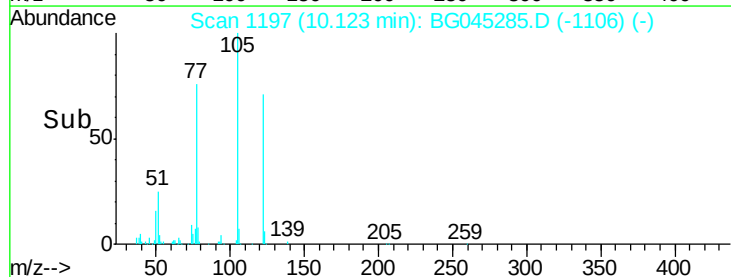
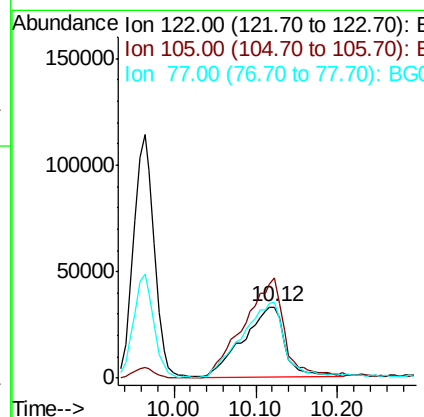
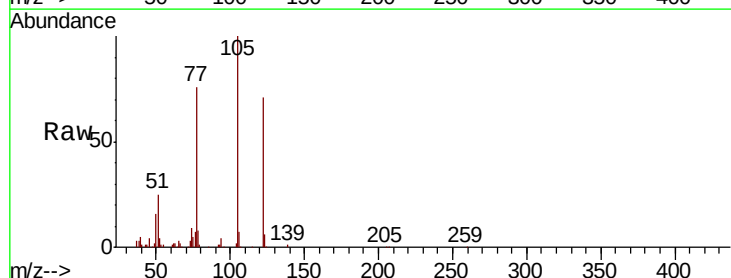
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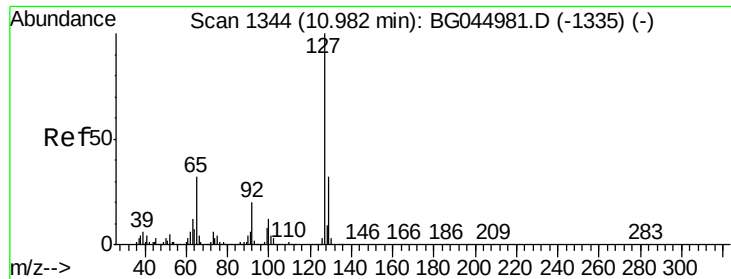
mohammad
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#32
Benzoic acid
Concen: 38.557 ng
RT: 10.12 min Scan# 1197
Delta R.T. 0.01 min
Lab File: BG045285.D
Acq: 8 May 2020 1:19

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	116560		
105	140.3		108.4	148.4
77	106.9		78.8	118.8





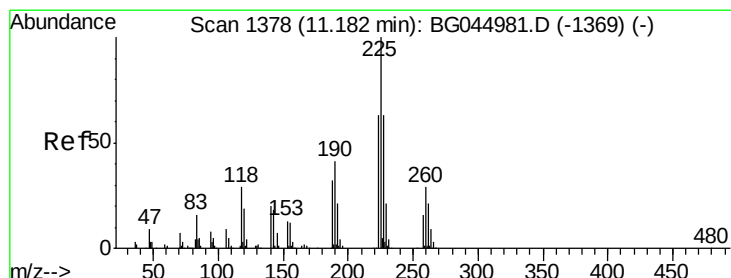
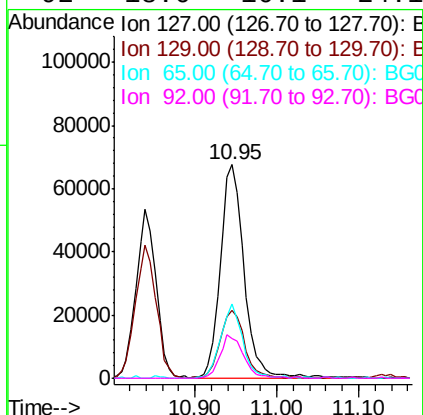
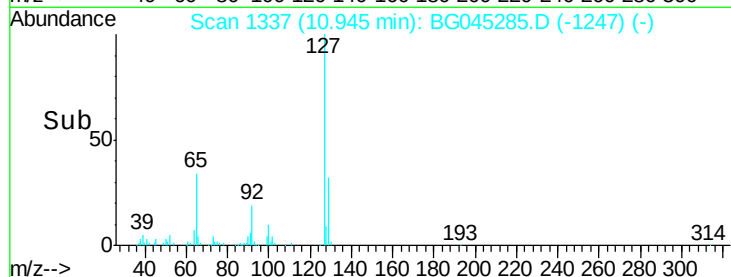
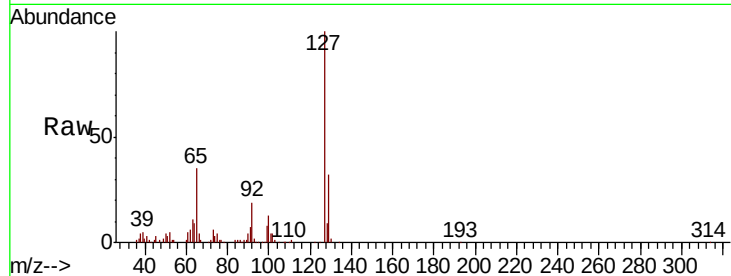
#33
4-Chloroaniline
Concen: 21.002 ng
RT: 10.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BG045285.D
Acq: 8 May 2020 1:19

Instrument :
BNA_G
ClientSampled :
72-11936MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.9	25.7	38.5		
65	35.0	25.4	38.2		
92	18.6	16.1	24.1		

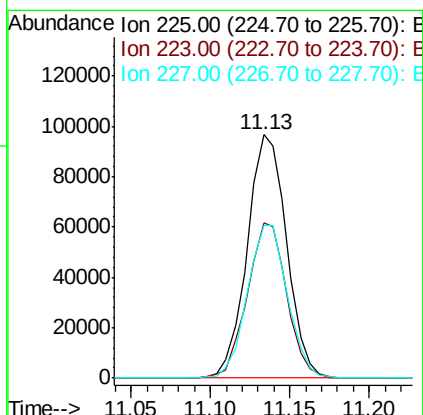
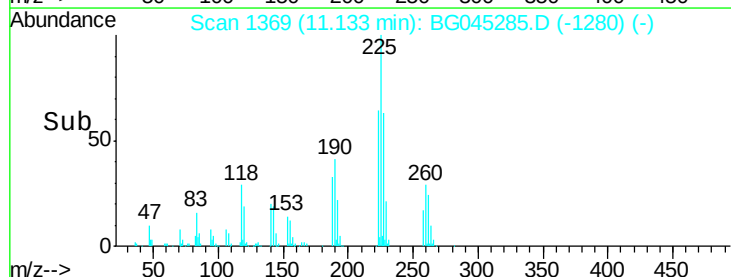
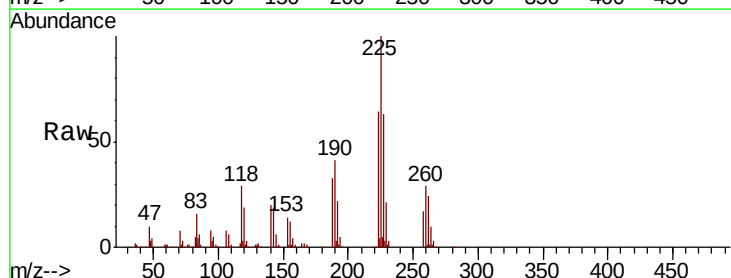
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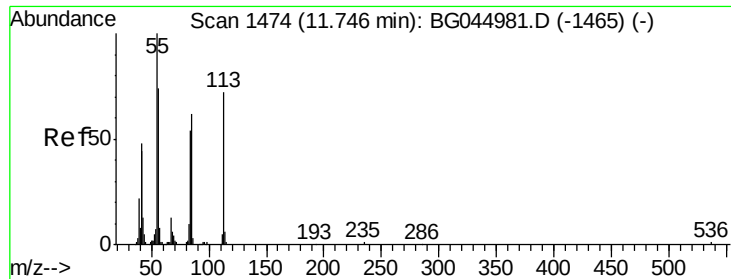
mohammad
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#34
Hexachlorobutadiene
Concen: 47.859 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BG045285.D
Acq: 8 May 2020 1:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.6	50.7	76.1		
227	62.8	50.2	75.2		





#35

Caprolactam

Concen: 43.677 ng/mL

RT: 11.71 min Scan# 1467

Delta R.T. -0.00 min

Lab File: BG045285.D

Acq: 8 May 2020 1:19

Instrument :

BNA_G

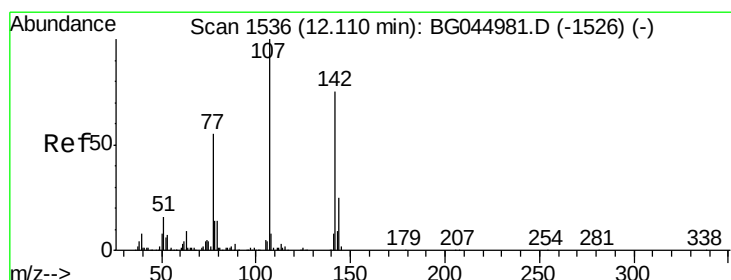
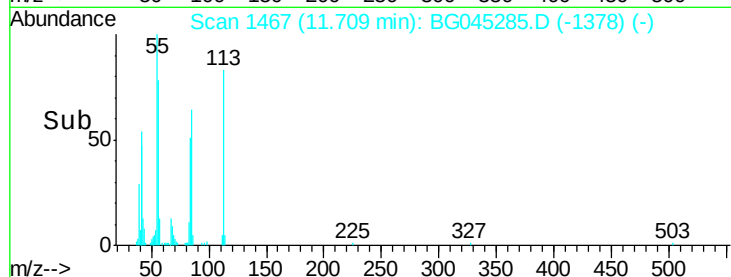
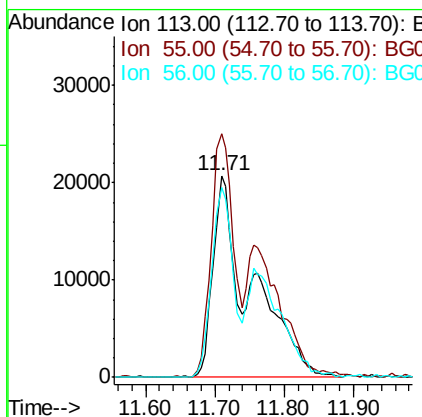
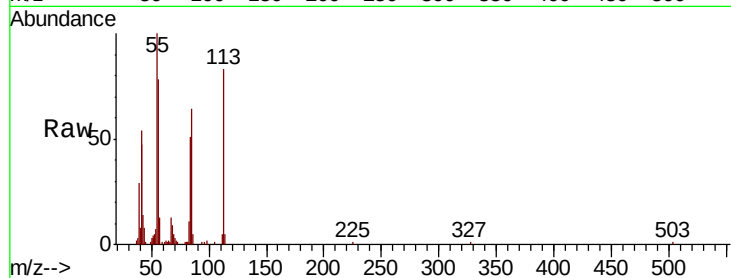
ClientSampleId :

72-11936MSD

Tot Ion:	113	Resp:	78041
Ion Ratio	Lower	Upper	
113	100		
55	120.8	118.8	158.8
56	93.9	82.6	122.6

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 46.968 ng/mL

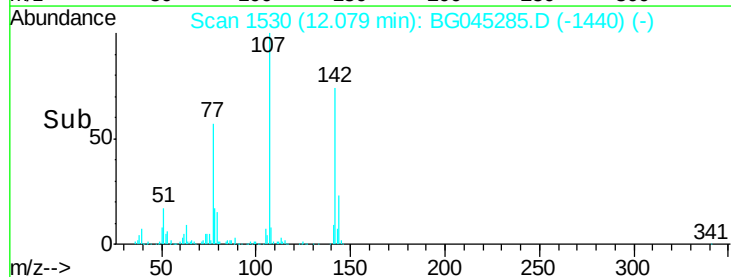
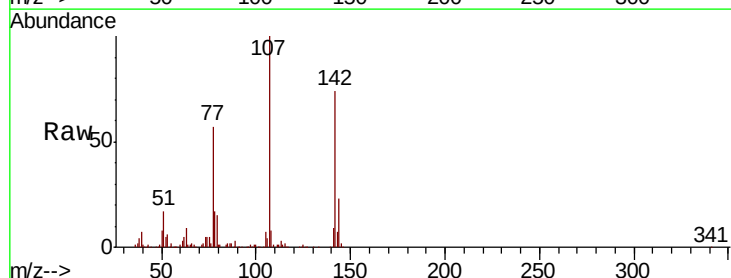
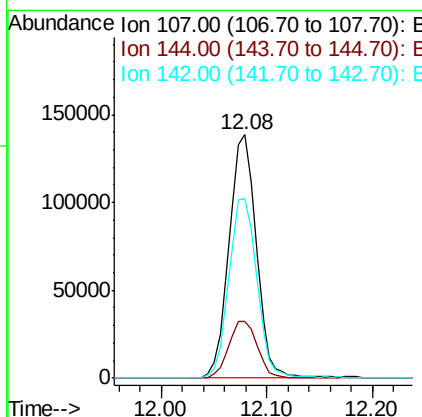
RT: 12.08 min Scan# 1530

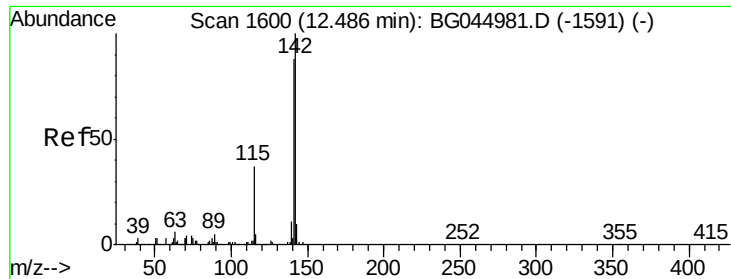
Delta R.T. 0.00 min

Lab File: BG045285.D

Acq: 8 May 2020 1:19

Tgt Ion:	107	Resp:	247704
Ion Ratio	Lower	Upper	
107	100		
144	23.3	19.8	29.6
142	73.9	59.7	89.5





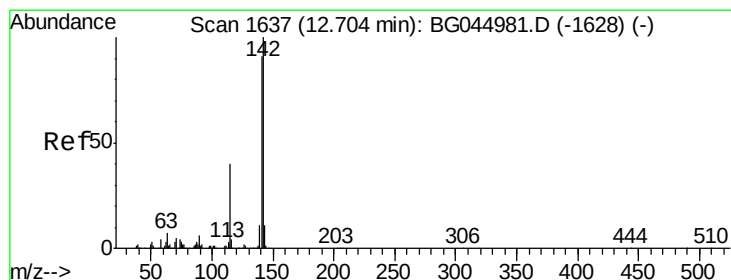
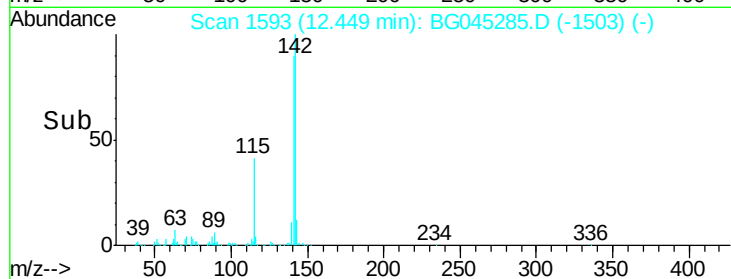
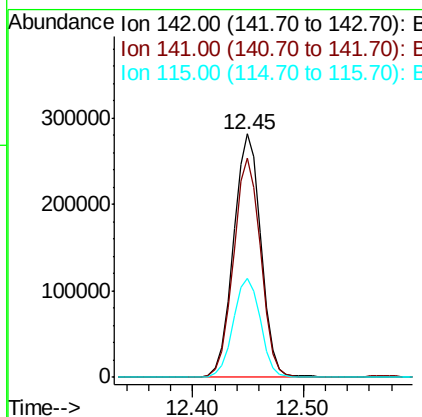
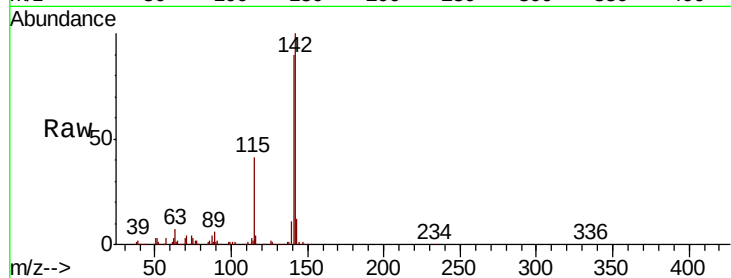
#37
 2-Methylnaphthalene
 Concen: 45.677 ng
 RT: 12.45 min Scan# 1593
 Delta R.T. 0.00 min
 Lab File: BG045285.D
 Acq: 8 May 2020 1:19

Instrument :
 BNA_G
 ClientSampleId :
 72-11936MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.3	105.5
115	40.7	29.8	44.6

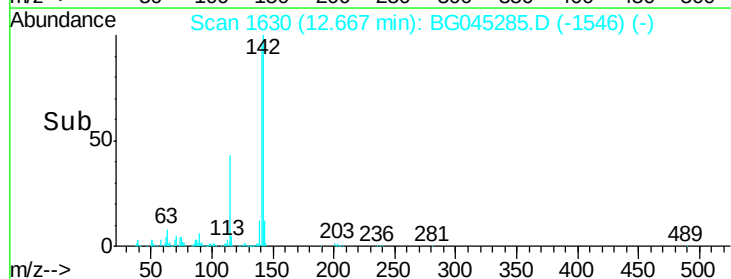
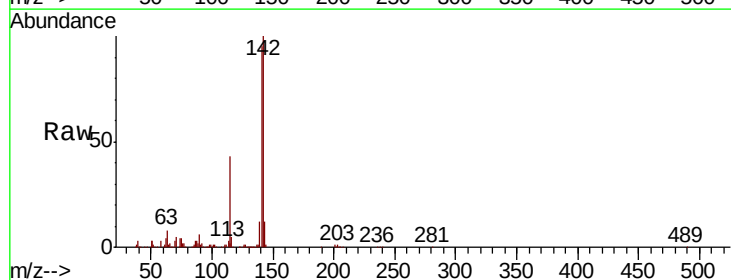
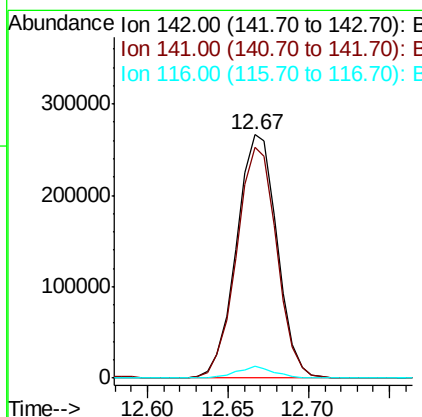
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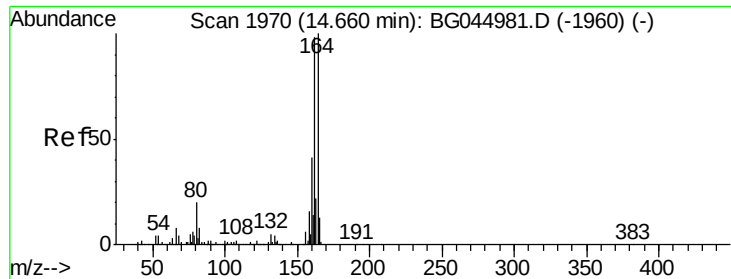
mohammad
 5/8/2020 1:00:18 PM



#38
 1-Methylnaphthalene
 Concen: 45.830 ng m
 RT: 12.67 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: BG045285.D
 Acq: 8 May 2020 1:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.0	72.7	109.1
116	5.1	3.1	4.7#





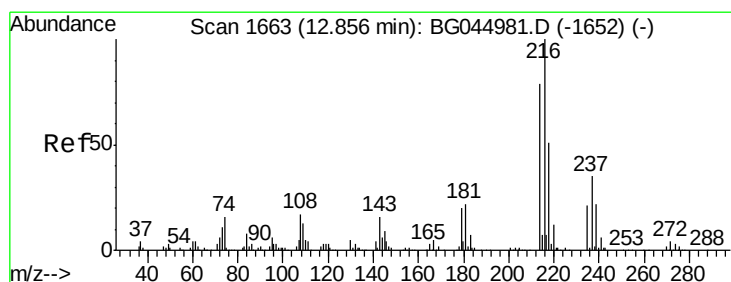
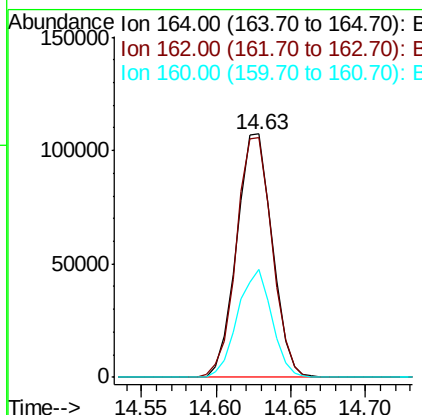
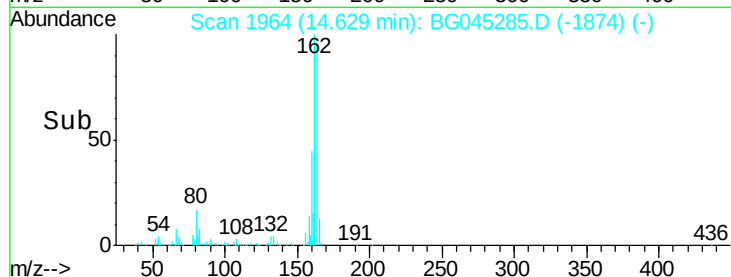
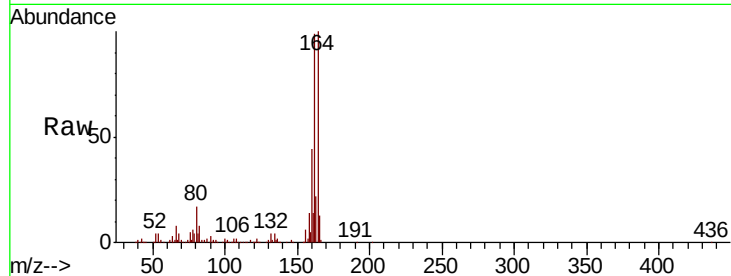
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. 0.00 min
Lab File: BG045285.D
Acq: 8 May 2020 1:19

Instrument :
BNA_G
ClientSampled :
72-11936MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.7	78.7	118.1
160	44.1	32.8	49.2

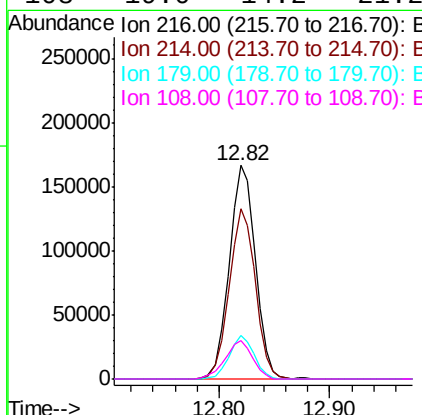
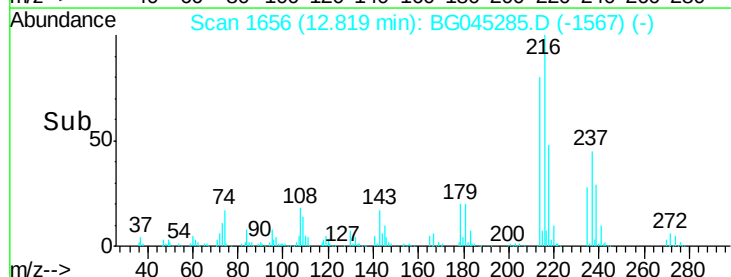
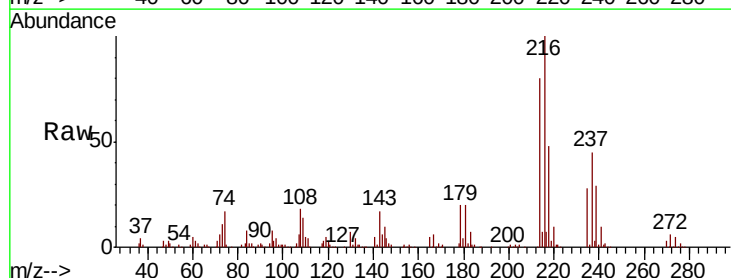
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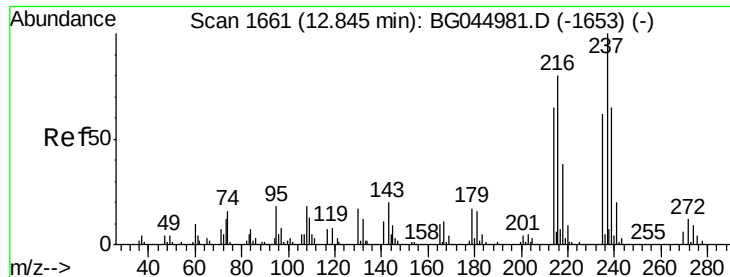
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.567 ng
RT: 12.82 min Scan# 1656
Delta R.T. -0.00 min
Lab File: BG045285.D
Acq: 8 May 2020 1:19

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.0	94.6
179	19.4	15.8	23.8
108	19.0	14.2	21.2





#41

Hexachlorocyclopentadiene

Concen: 83.466 ng

RT: 12.81 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BG045285.D

Acq: 8 May 2020 1:19

Instrument :

BNA_G

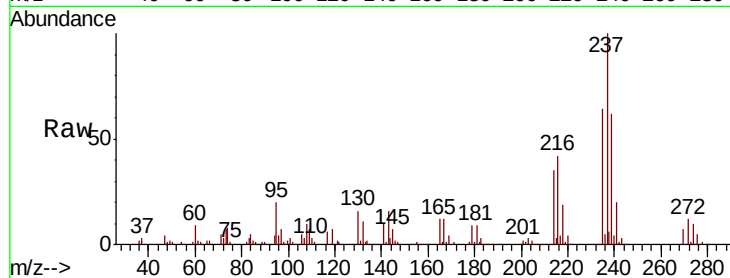
ClientSampleId :

72-11936MSD

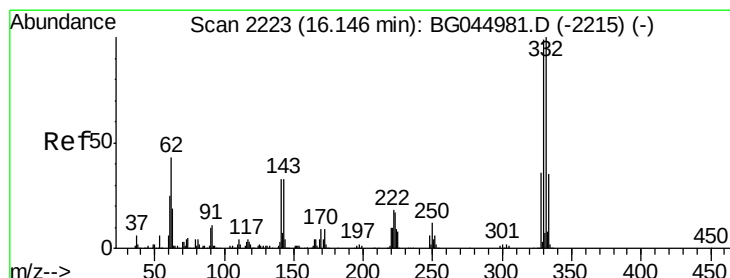
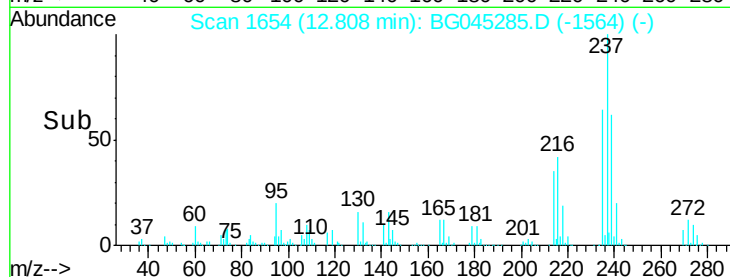
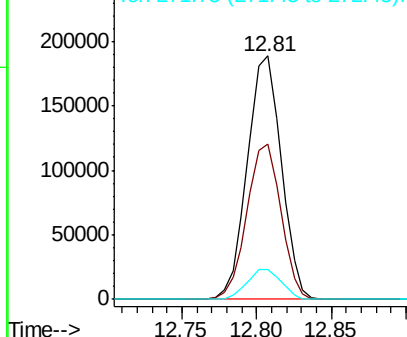
Tot Ion:	237	Resp:	297825
Ion Ratio	Lower	Upper	
237	100		
235	63.9	41.6	81.6
272	12.1	0.0	32.1

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



#42

2,4,6-Tribromophenol

Concen: 114.327 ng

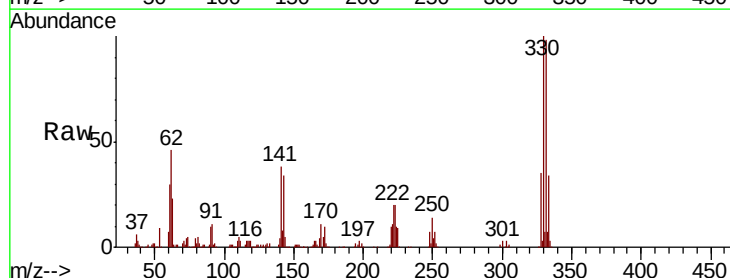
RT: 16.11 min Scan# 2217

Delta R.T. -0.00 min

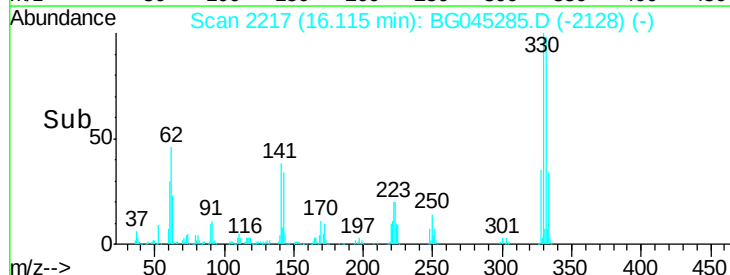
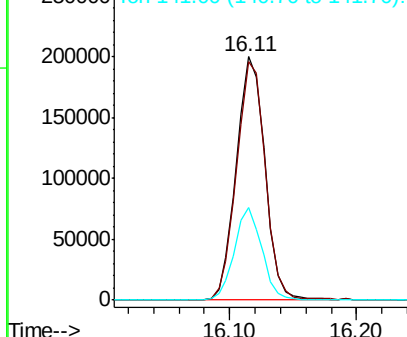
Lab File: BG045285.D

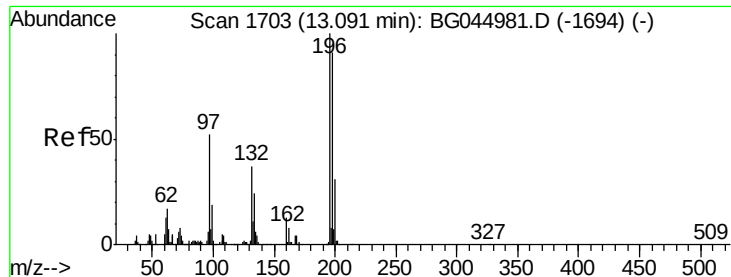
Acq: 8 May 2020 1:19

Tgt Ion:	330	Resp:	313172
Ion Ratio	Lower	Upper	
330	100		
332	98.4	79.1	118.7
141	36.3	27.1	40.7



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





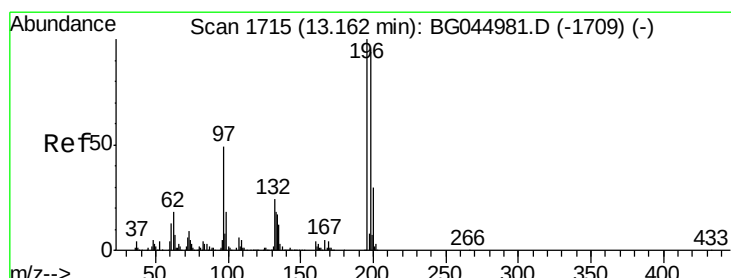
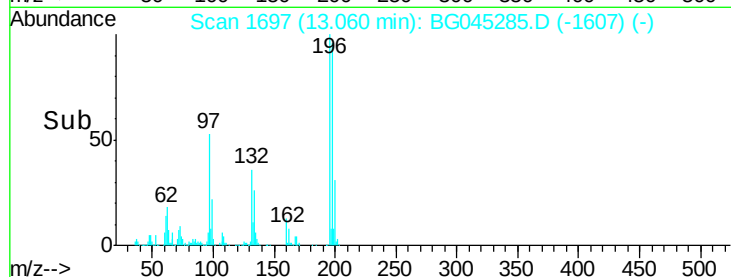
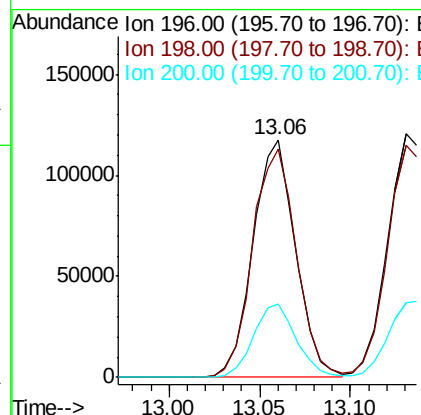
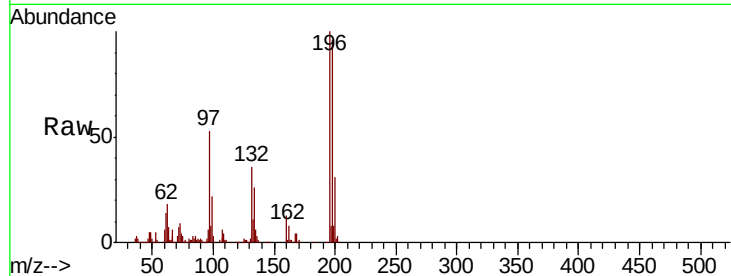
#43
 2,4,6-Trichlorophenol
 Concen: 47.896 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. 0.00 min
 Lab File: BG045285.D
 Acq: 8 May 2020 1:19

Instrument :
 BNA_G
 ClientSampleId :
 72-11936MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	192985		
198	96.0	72.5	108.7	
200	30.9	24.5	36.7	

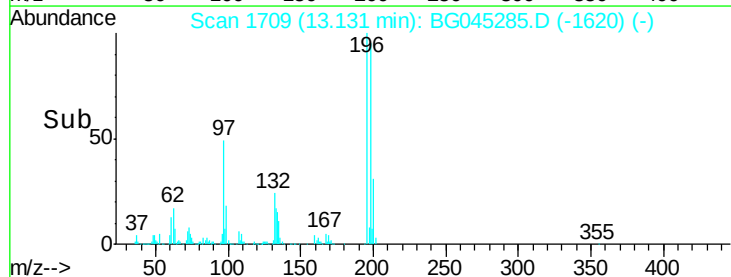
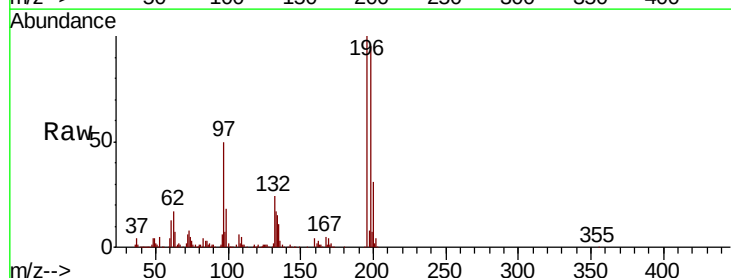
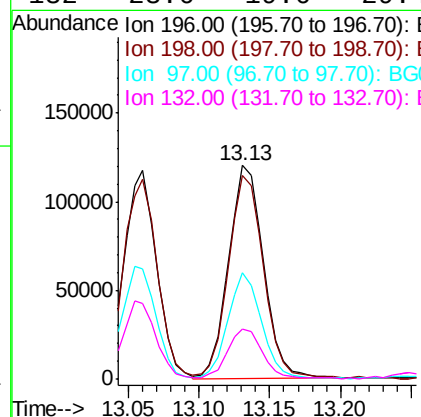
Manual Integrations
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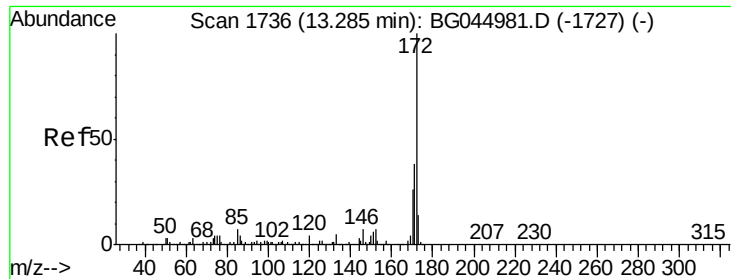
mohammad
 5/8/2020 1:00:18 PM



#44
 2,4,5-Trichlorophenol
 Concen: 45.147 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG045285.D
 Acq: 8 May 2020 1:19

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	207057		
198	95.2	75.7	113.5	
97	49.5	39.6	59.4	
132	23.6	19.6	29.4	





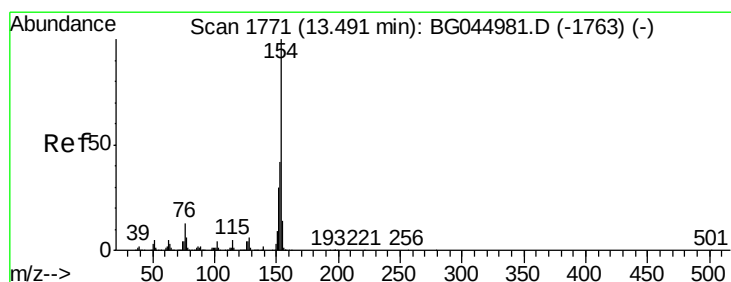
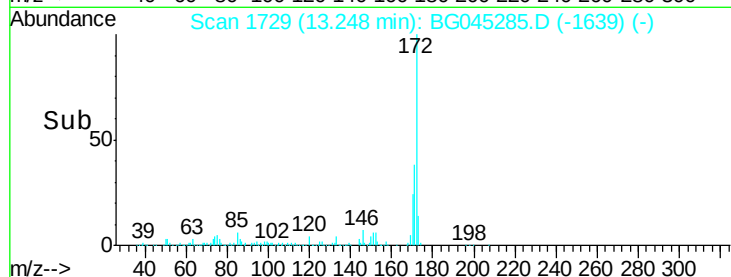
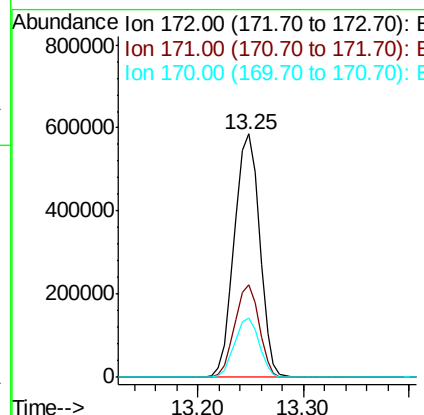
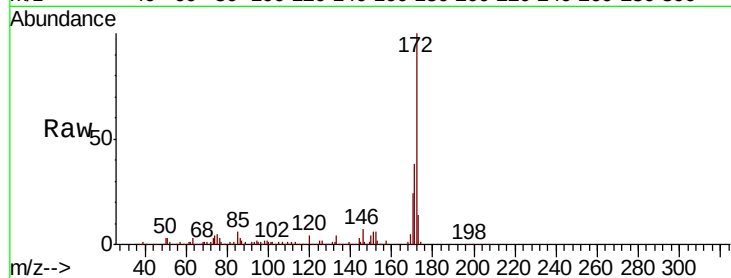
#45
2-Fluorobiphenyl
Concen: 80.000 ng
RT: 13.25 min Scan# 1729
Delta R.T. 0.00 min
Lab File: BG045285.D
Acq: 8 May 2020 1:19

Instrument :
BNA_G
ClientSampleId :
72-11936MSD

Tot Ion	Ratio	Resp	Lower	Upper
172	100	967399		
171	38.0		30.6	46.0
170	24.5		20.5	30.7

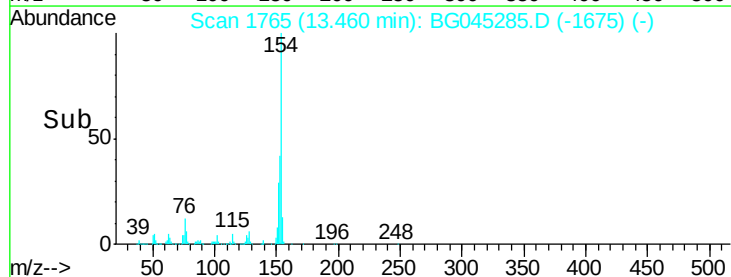
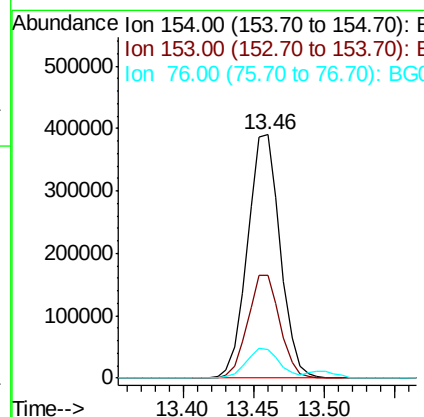
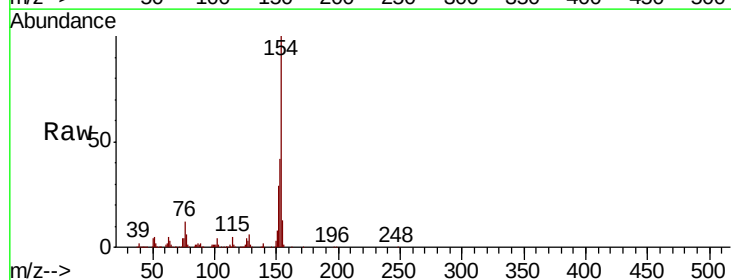
Manual Integrations
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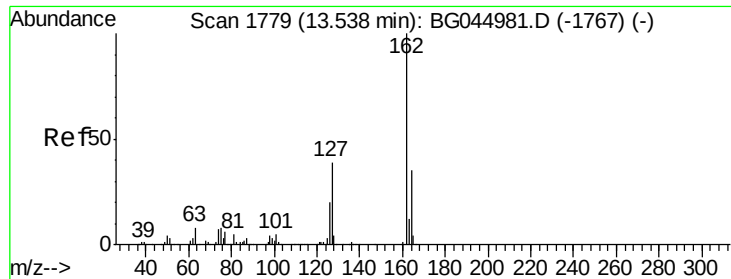
mohammad
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#46
1,1'-Biphenyl
Concen: 46.844 ng
RT: 13.46 min Scan# 1765
Delta R.T. 0.00 min
Lab File: BG045285.D
Acq: 8 May 2020 1:19

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	631316		
153	42.2		21.9	61.9
76	11.9		0.0	33.1





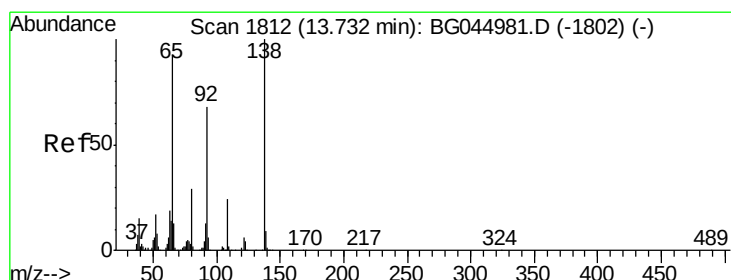
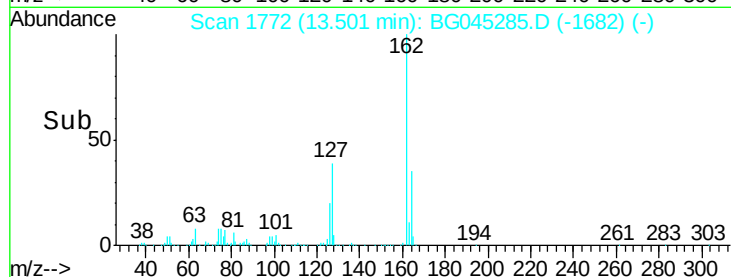
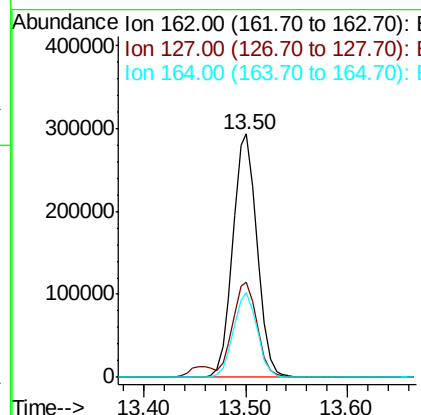
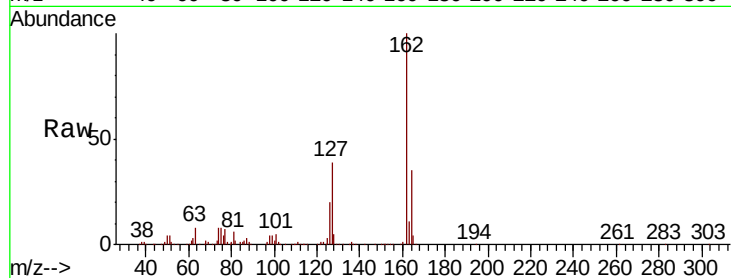
#47
2-Chloronaphthalene
Concen: 47.241 ng
RT: 13.50 min Scan# 1772
Delta R.T. 0.00 min
Lab File: BG045285.D
Acq: 8 May 2020 1:19

Instrument :
BNA_G
ClientSampleId :
72-11936MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.3	31.3	46.9
164	34.9	27.8	41.8

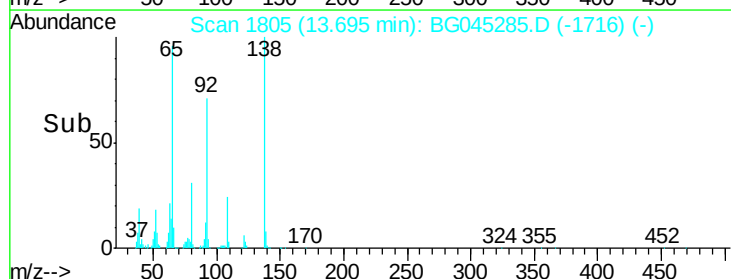
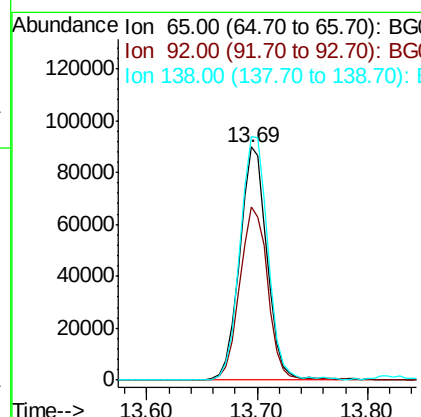
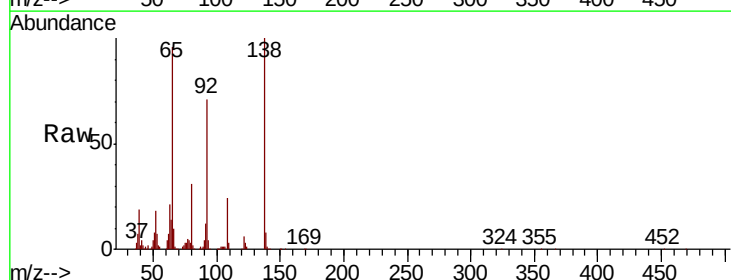
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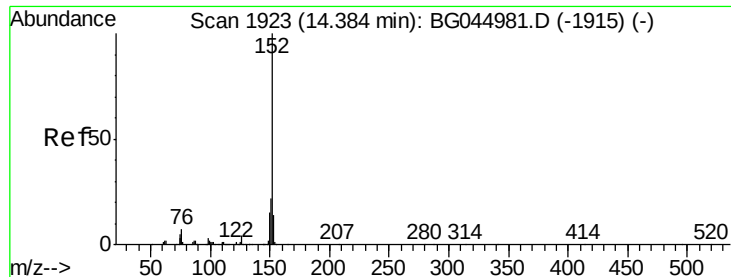
mohammad
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#48
2-Nitroaniline
Concen: 46.146 ng
RT: 13.69 min Scan# 1805
Delta R.T. -0.00 min
Lab File: BG045285.D
Acq: 8 May 2020 1:19

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.1	58.3	87.5
138	104.4	85.6	128.4





#49

Acenaphthylene

Concen: 47.989 ng

RT: 14.35 min Scan# 1916

Delta R.T. -0.00 min

Lab File: BG045285.D

Acq: 8 May 2020 1:19

Instrument :

BNA_G

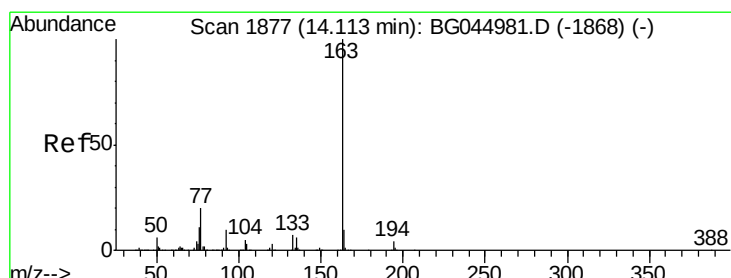
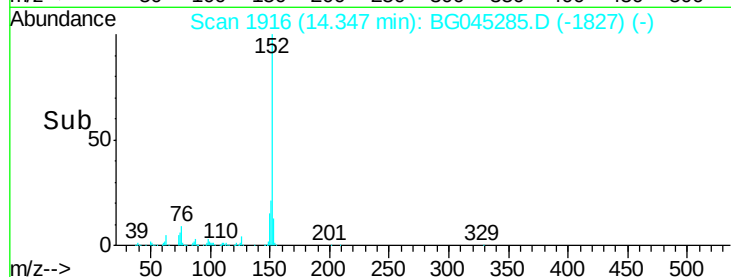
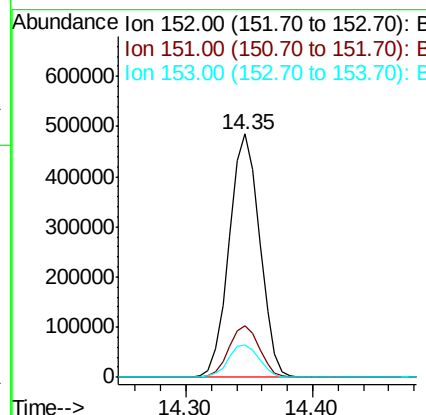
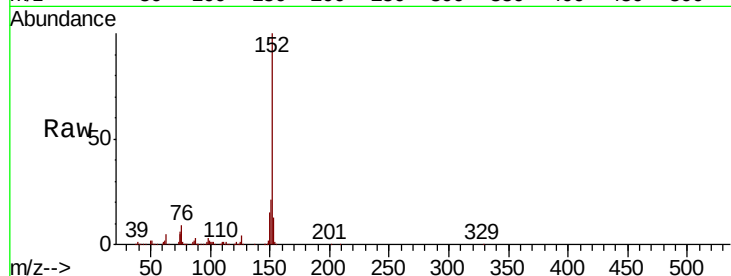
ClientSampleId :

72-11936MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		804958		
151	21.3	17.2	25.8		
153	13.4	11.0	16.4		

Manual Integrations
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#50

Dimethylphthalate

Concen: 54.833 ng

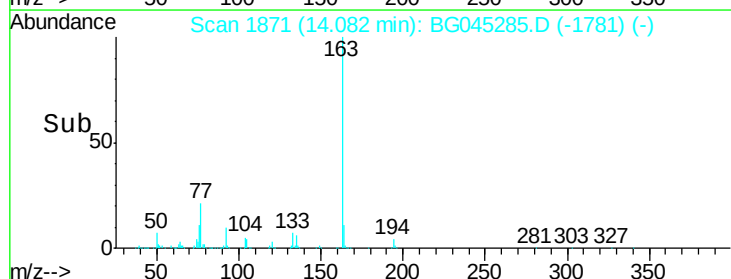
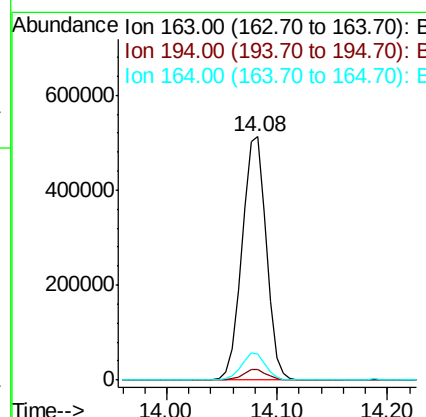
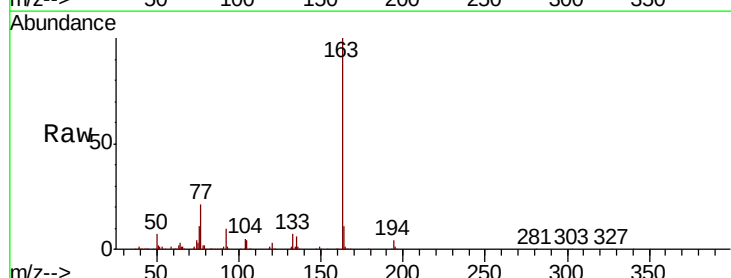
RT: 14.08 min Scan# 1871

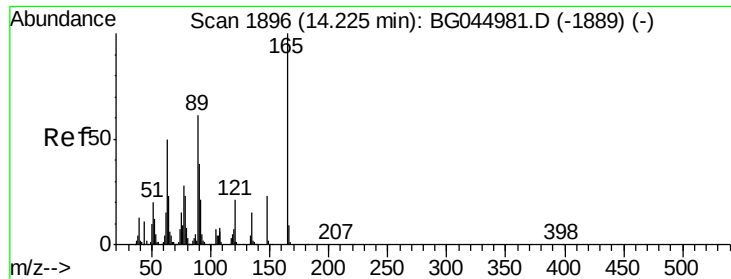
Delta R.T. 0.00 min

Lab File: BG045285.D

Acq: 8 May 2020 1:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		791659		
194	4.4	3.5	5.3		
164	10.9	8.2	12.4		





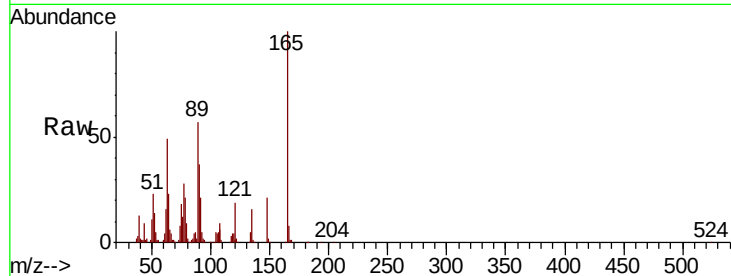
#51
 2,6-Dinitrotoluene
 Concen: 46.438 ng
 RT: 14.19 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: BG045285.D
 Acq: 8 May 2020 1:19

Instrument :
 BNA_G
 ClientSampleId :
 72-11936MSD

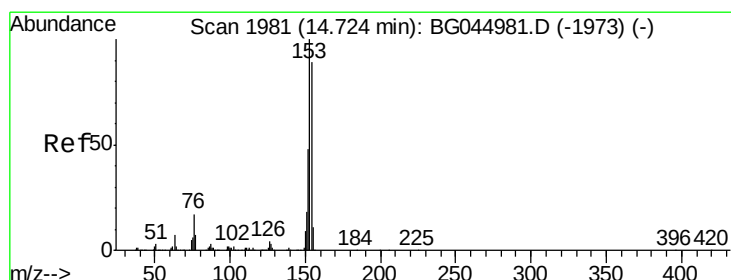
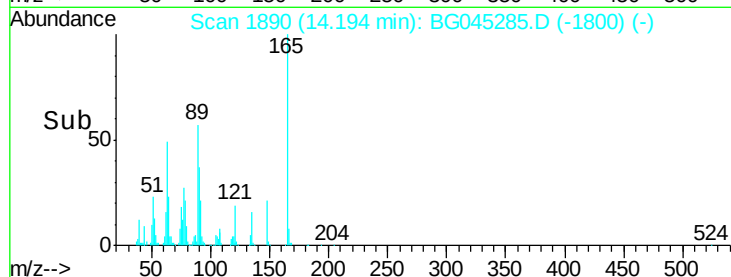
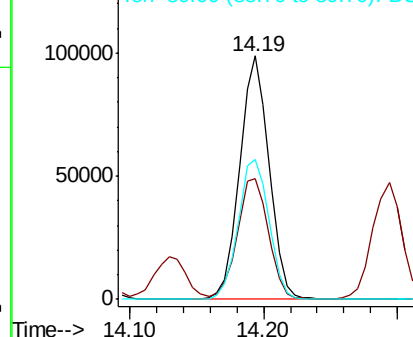
Tot Ion	Ratio	Resp	Lower	Upper
165	100	149962		
63	49.4		40.4	60.6
89	57.3		49.1	73.7

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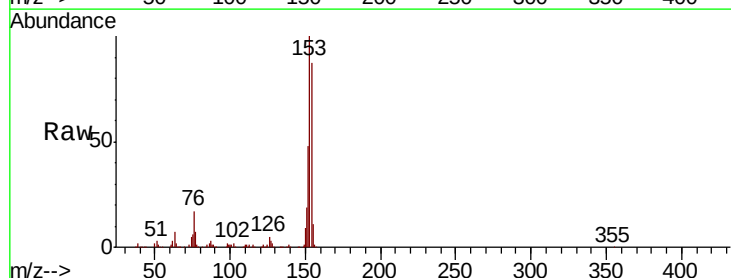


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

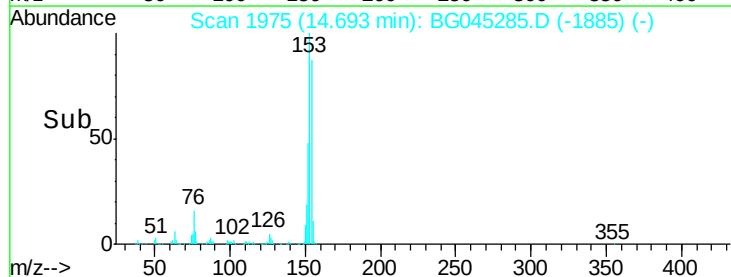
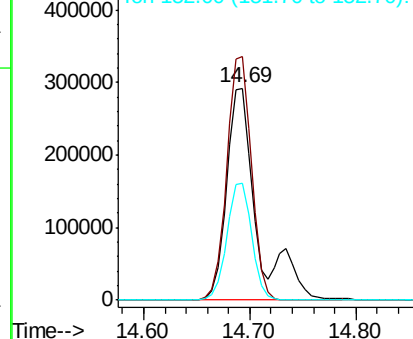


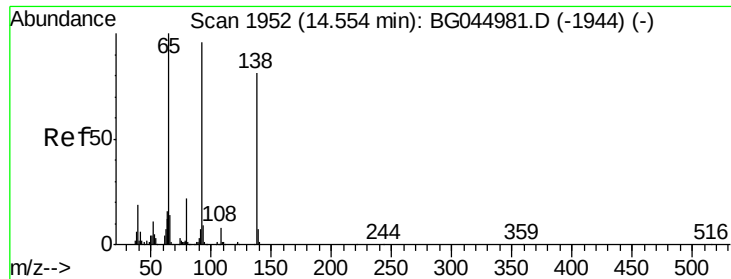
#52
 Acenaphthene
 Concen: 51.131 ng m
 RT: 14.69 min Scan# 1975
 Delta R.T. 0.00 min
 Lab File: BG045285.D
 Acq: 8 May 2020 1:19

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	580288		
153	114.7		89.7	134.5
152	55.2		43.1	64.7



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





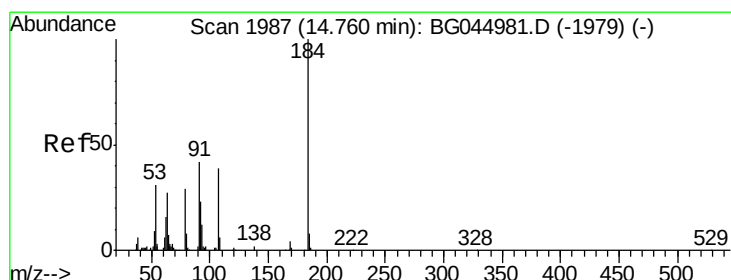
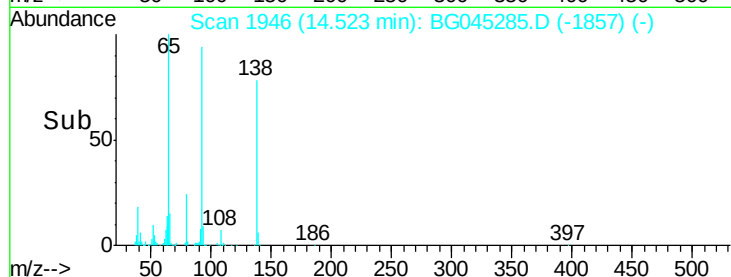
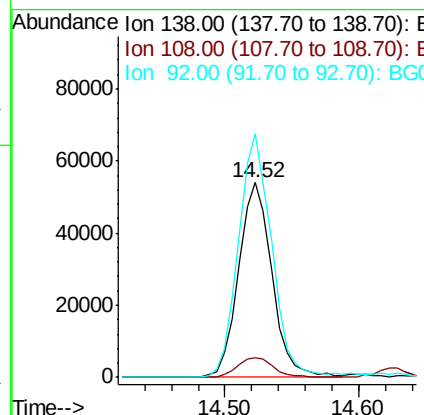
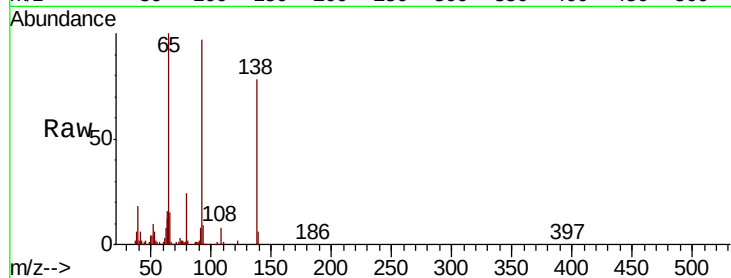
#53
3-Nitroaniline
Concen: 26.501 ng
RT: 14.52 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG045285.D
Acq: 8 May 2020 1:19

Instrument :
BNA_G
ClientSampleId :
72-11936MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	7.8	11.8
92	125.0	94.5	141.7

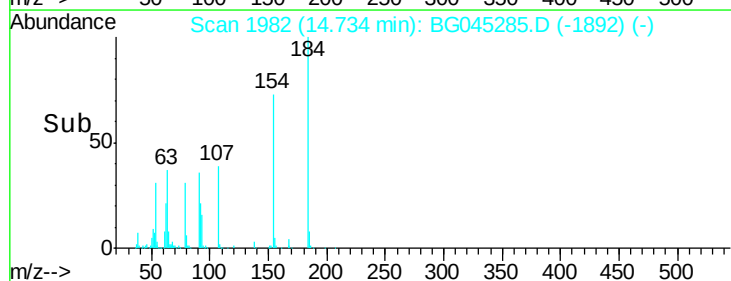
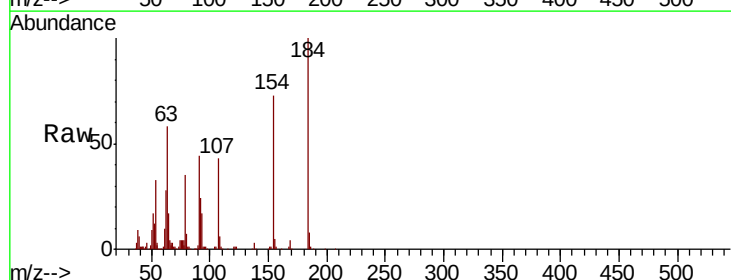
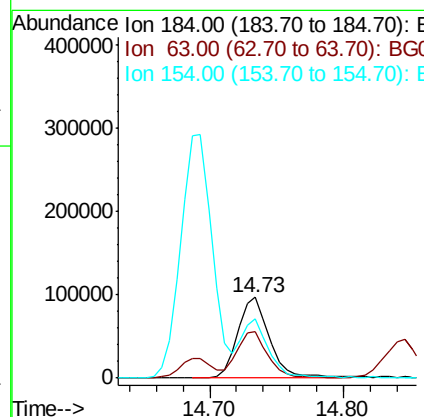
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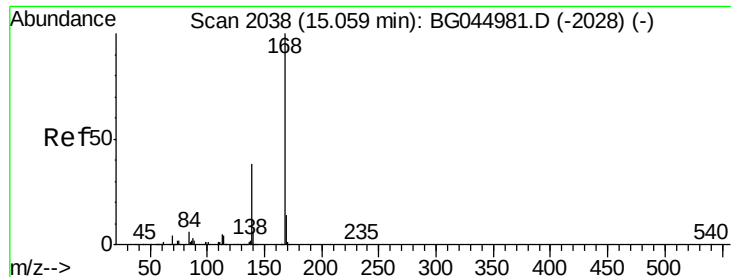
mohammad
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#54
2,4-Dinitrophenol
Concen: 83.304 ng
RT: 14.73 min Scan# 1982
Delta R.T. 0.00 min
Lab File: BG045285.D
Acq: 8 May 2020 1:19

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.1	41.5	62.3
154	73.3	52.3	78.5





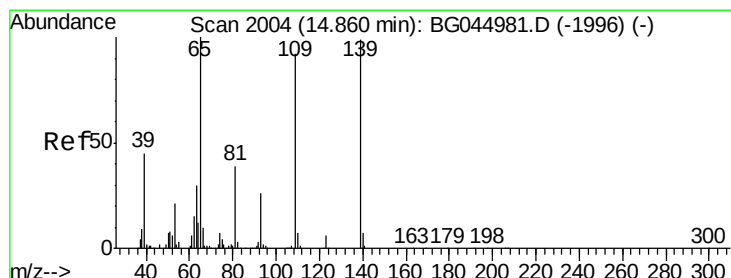
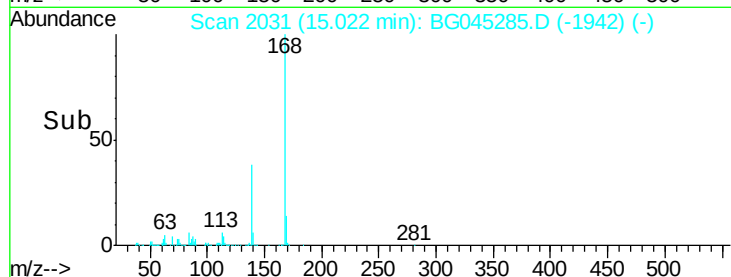
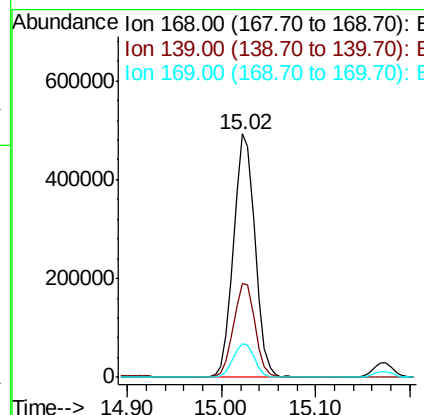
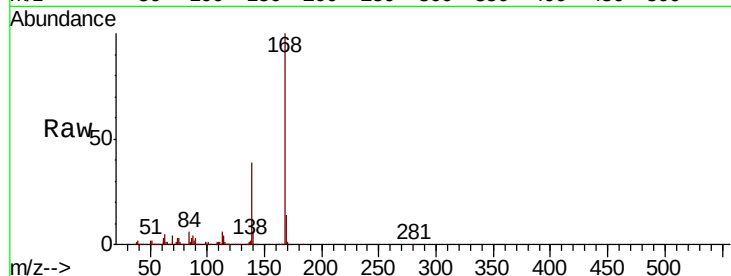
#55
Dibenzenofuran
Concen: 47.122 ng
RT: 15.02 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BG045285.D
Acq: 8 May 2020 1:19

Instrument :
BNA_G
ClientSampleId :
72-11936MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.6	30.4	45.6
169	14.1	11.0	16.4

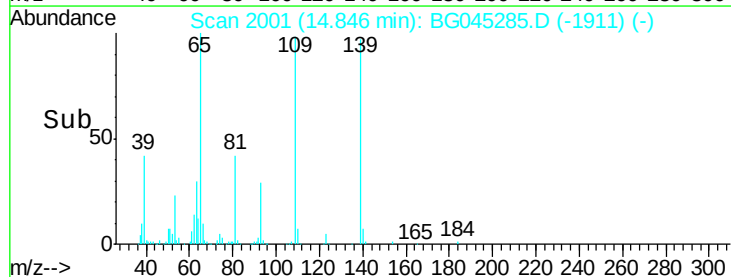
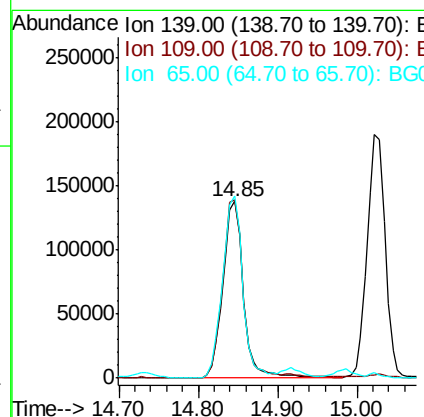
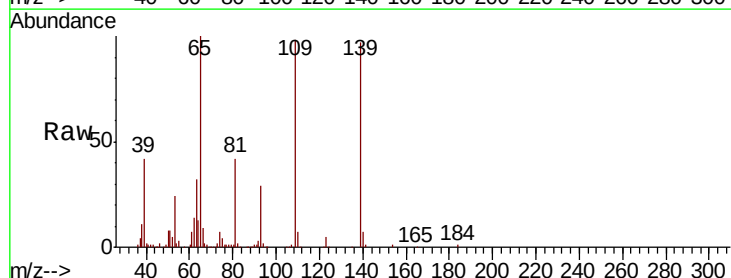
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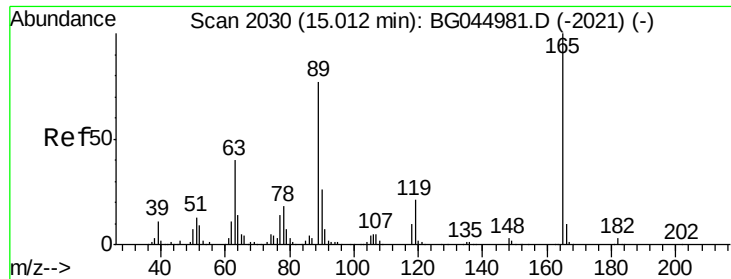
mohammad
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#56
4-Nitrophenol
Concen: 91.270 ng
RT: 14.85 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BG045285.D
Acq: 8 May 2020 1:19

Tgt Ion	Ratio	Lower	Upper
139	100		
109	100.7	73.6	113.6
65	103.3	81.2	121.2





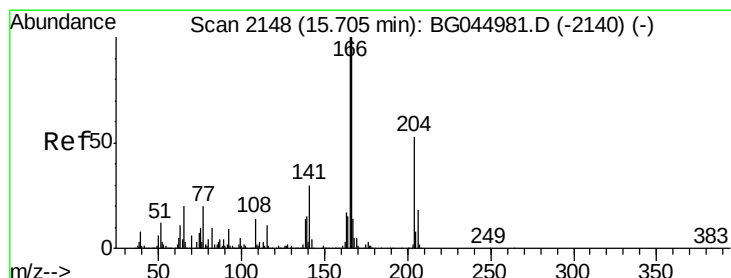
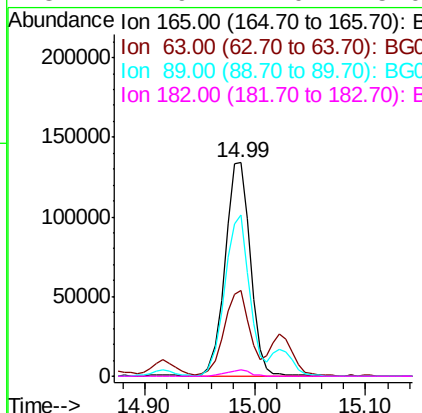
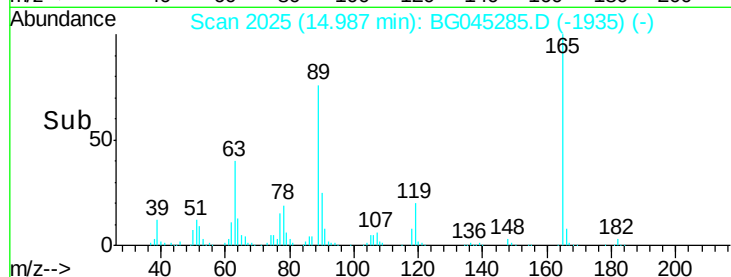
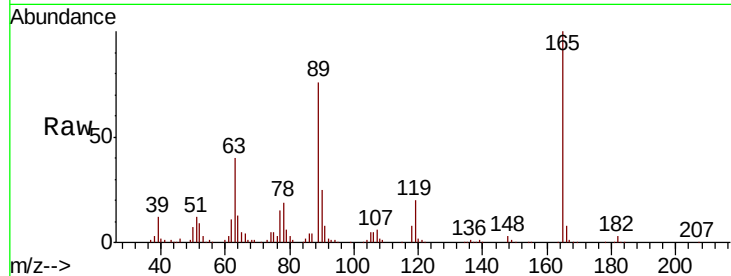
#57
 2,4-Dinitrotoluene
 Concen: 45.710 ng
 RT: 14.99 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BG045285.D
 Acq: 8 May 2020 1:19

Instrument :
 BNA_G
 ClientSampleId :
 72-11936MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		215717		
63	40.1	32.2	48.2		
89	75.6	61.7	92.5		
182	2.9	2.0	3.0		

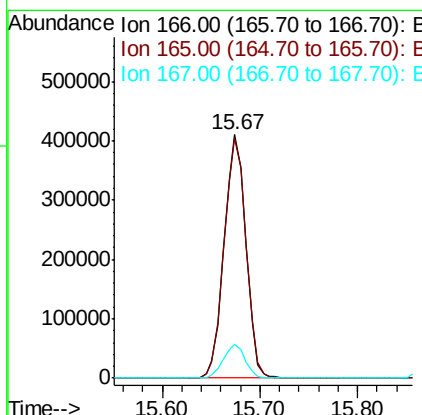
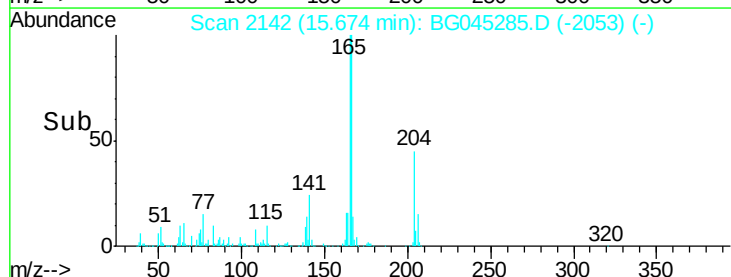
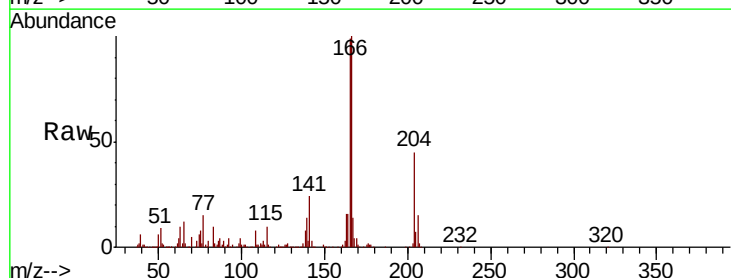
Manual Integrations
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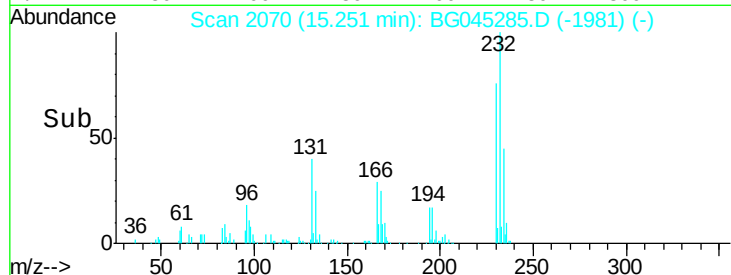
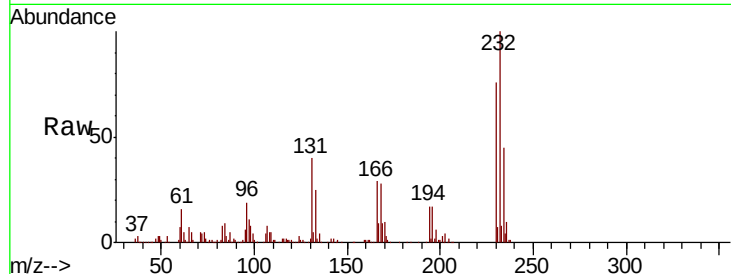
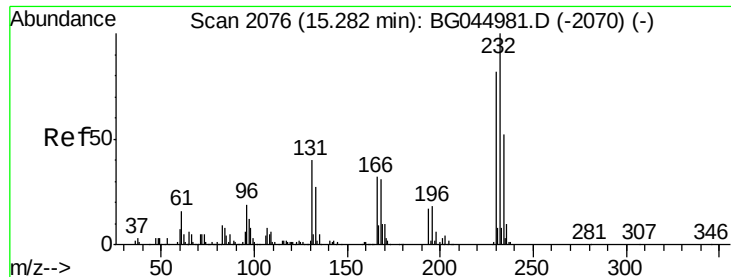
mohammad
 5/8/2020 1:00:18 PM



#58
 Fluorene
 Concen: 46.950 ng
 RT: 15.67 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: BG045285.D
 Acq: 8 May 2020 1:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		634530		
165	98.7	79.9	119.9		
167	14.0	11.4	17.0		





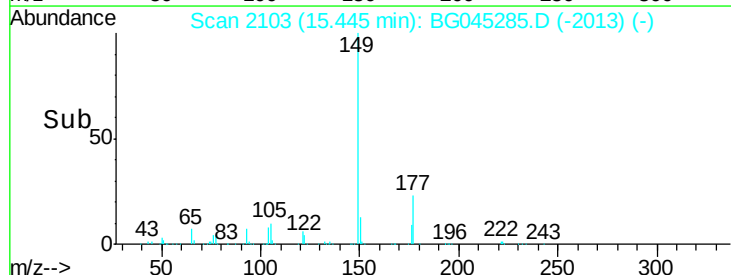
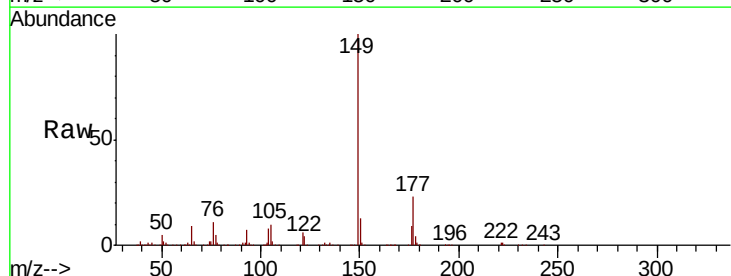
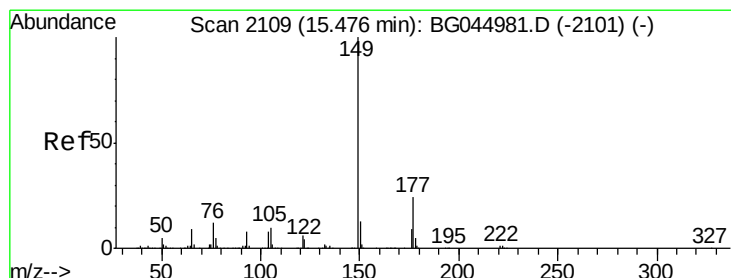
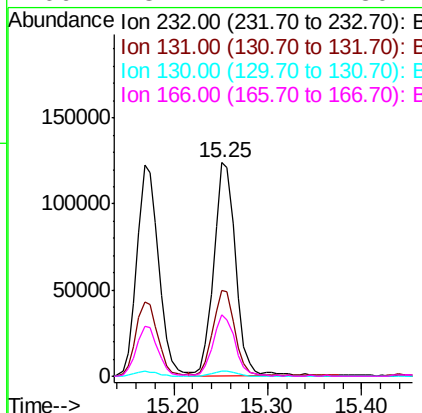
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.705 ng
RT: 15.25 min Scan# 2070
Delta R.T. -0.00 min
Lab File: BG045285.D
Acq: 8 May 2020 1:19

Instrument :
BNA_G
ClientSampleId :
72-11936MSD

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	40.5	32.2	48.2
130	2.4	2.2	3.2
166	28.1	24.2	36.4

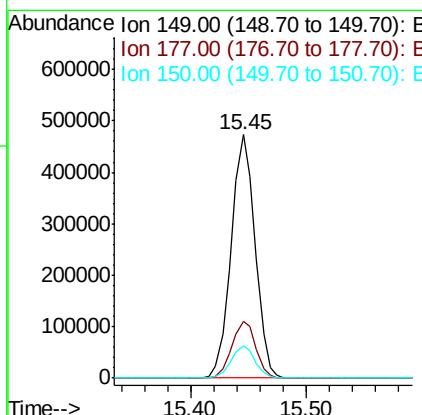
Manual Integrations
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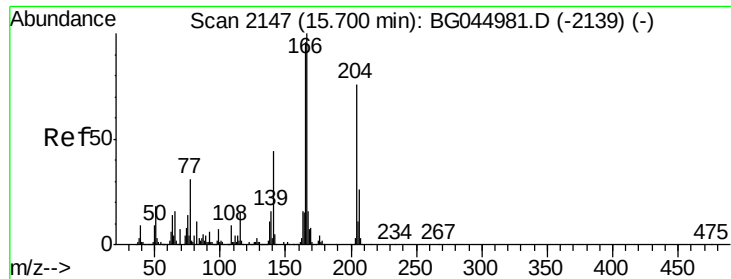
mohammad
5/8/2020 1:00:18 PM



#60
Diethylphthalate
Concen: 44.800 ng
RT: 15.45 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BG045285.D
Acq: 8 May 2020 1:19

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	23.2	18.9	28.3
150	13.1	10.6	15.8





#61

4-Chlorophenyl-phenylether

Concen: 45.605 ng

RT: 15.67 min Scan# 2141

Delta R.T. 0.00 min

Lab File: BG045285.D

Acq: 8 May 2020 1:19

Instrument :

BNA_G

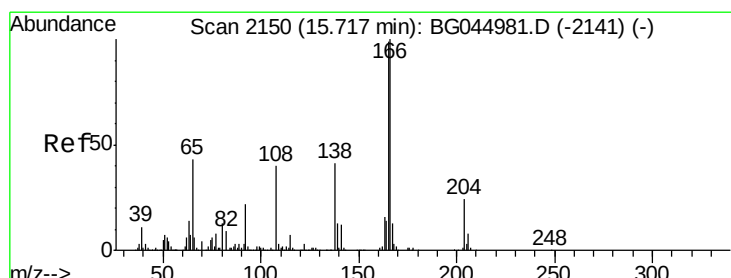
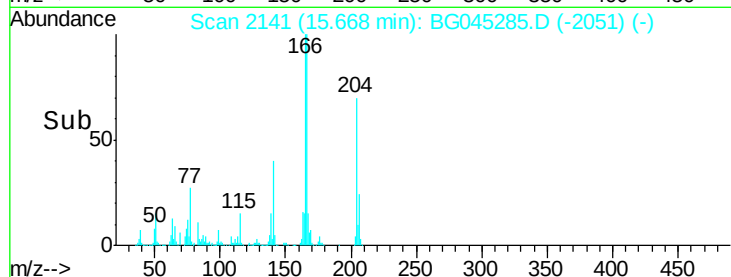
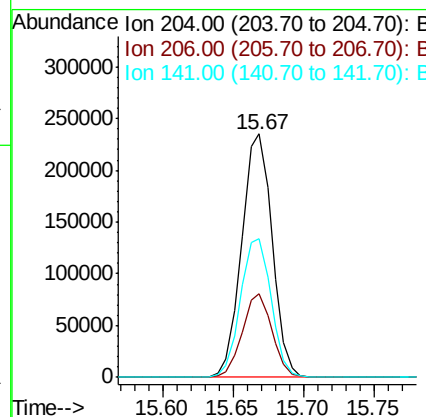
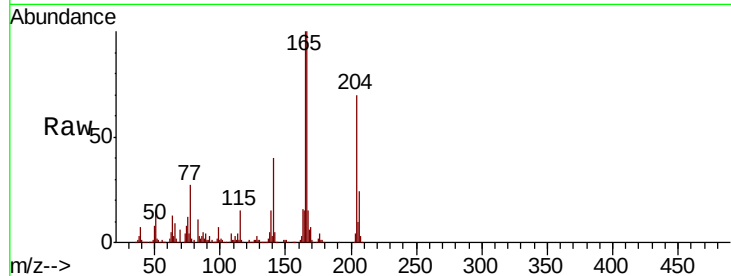
ClientSampleId :

72-11936MSD

Tot Ion:	204	Resp:	354771
Ion Ratio	Lower	Upper	
204	100		
206	34.2	26.9	40.3
141	56.9	46.3	69.5

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#62

4-Nitroaniline

Concen: 39.769 ng

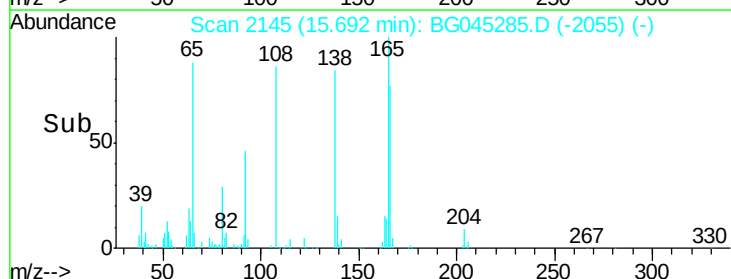
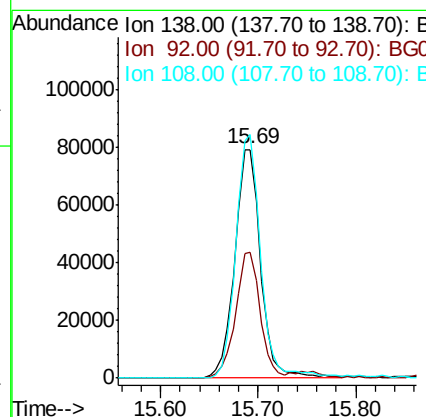
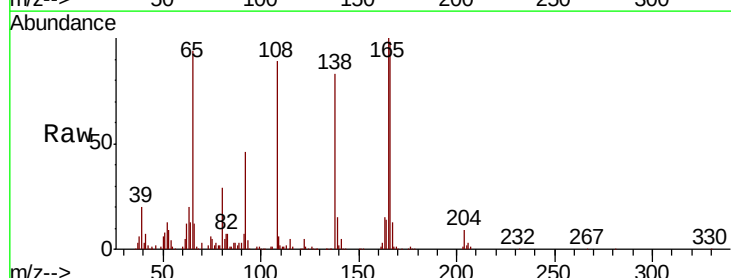
RT: 15.69 min Scan# 2145

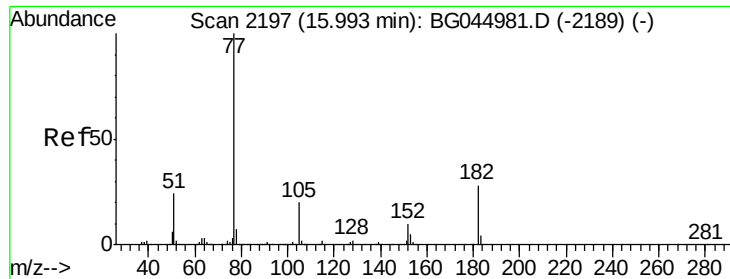
Delta R.T. 0.00 min

Lab File: BG045285.D

Acq: 8 May 2020 1:19

Tgt Ion:	138	Resp:	146093
Ion Ratio	Lower	Upper	
138	100		
92	55.1	33.6	73.6
108	106.6	78.2	118.2





#63

Azobenzene

Concen: 46.683 ng

RT: 15.96 min Scan# 2191

Delta R.T. 0.00 min

Lab File: BG045285.D

Acq: 8 May 2020 1:19

Instrument :

BNA_G

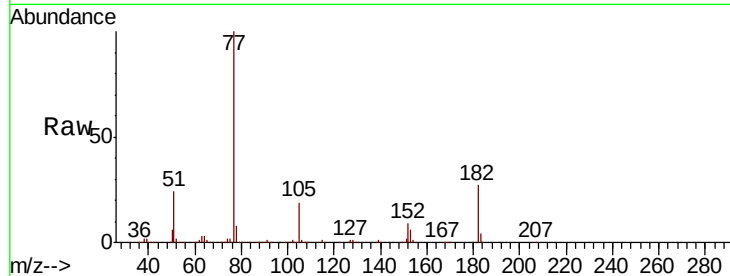
ClientSampleId :

72-11936MSD

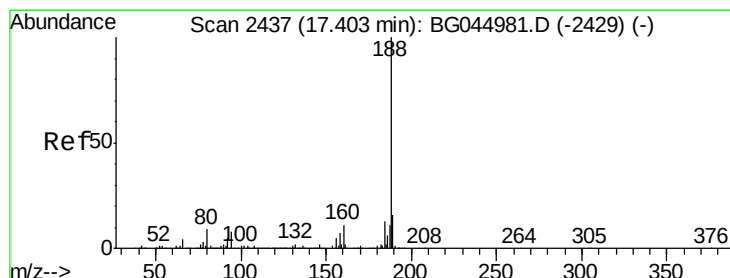
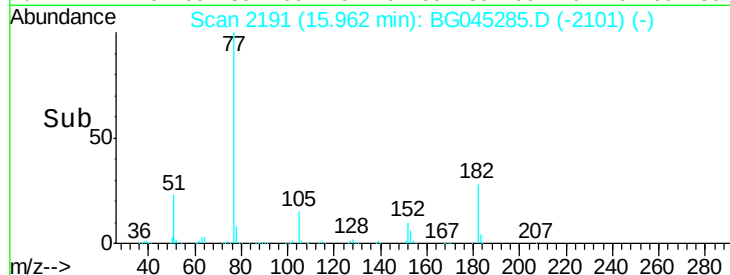
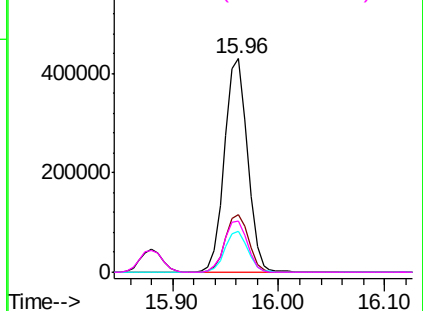
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.3	8.4	48.4	
105	19.4	0.5	40.5	
51	24.0	4.4	44.4	

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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2431

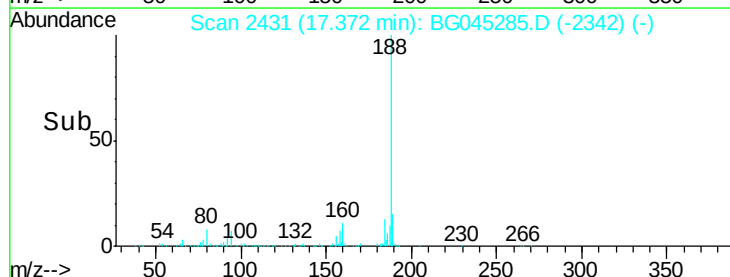
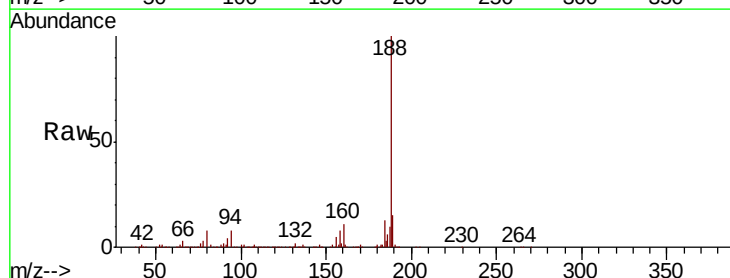
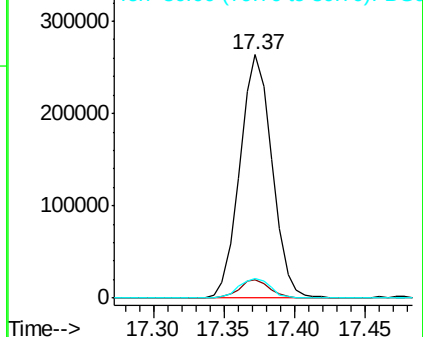
Delta R.T. -0.00 min

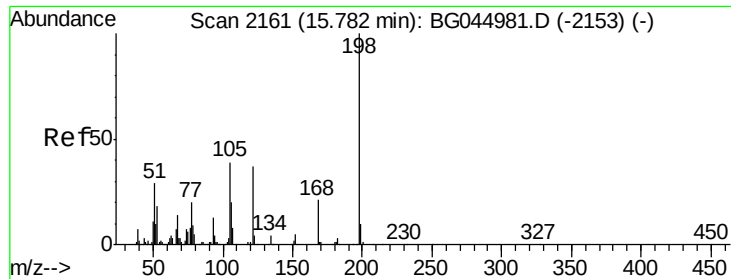
Lab File: BG045285.D

Acq: 8 May 2020 1:19

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.7	6.2	9.4	
80	8.1	7.0	10.6	

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





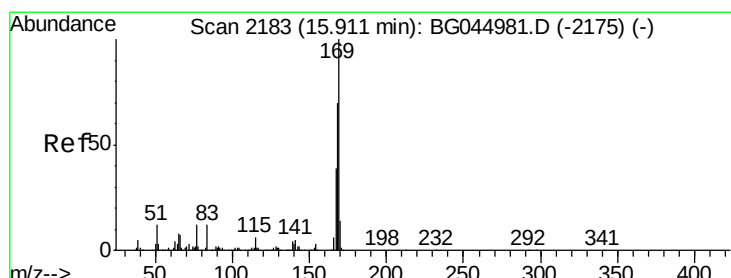
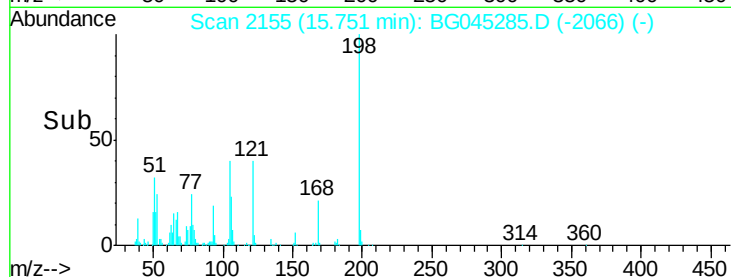
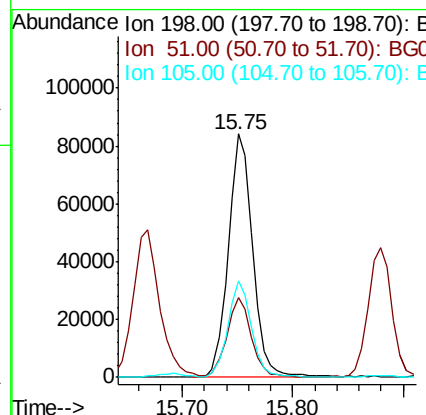
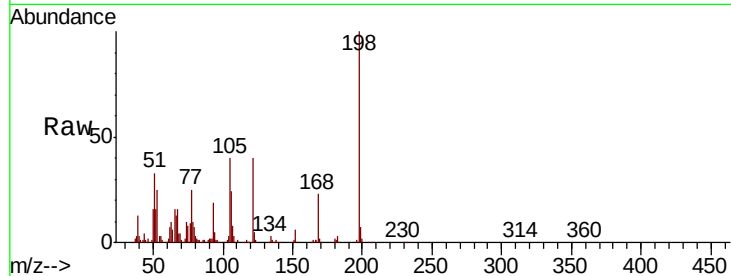
#65
4,6-Dinitro-2-methylphenol
Concen: 47.042 ng
RT: 15.75 min Scan# 2155
Delta R.T. -0.00 min
Lab File: BG045285.D
Acq: 8 May 2020 1:19

Instrument :
BNA_G
ClientSampleId :
72-11936MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	129891		
51	32.5	10.0	50.0	
105	39.7	18.9	58.9	

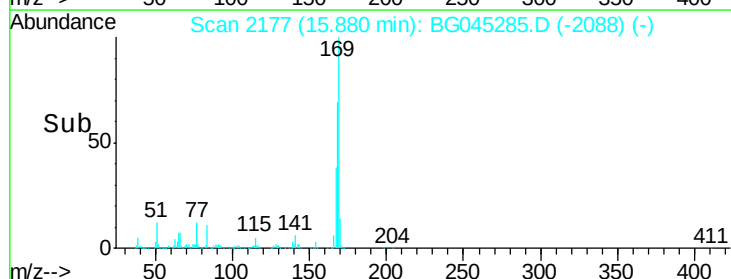
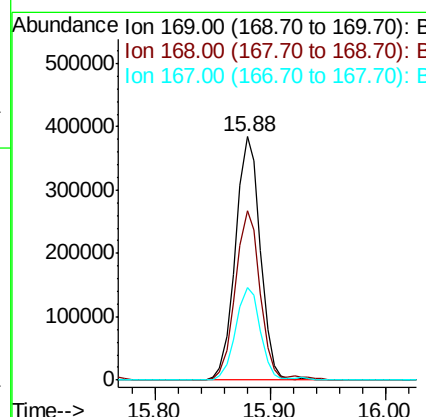
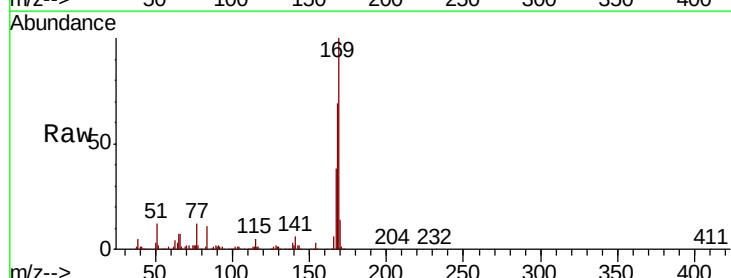
Manual Integrations
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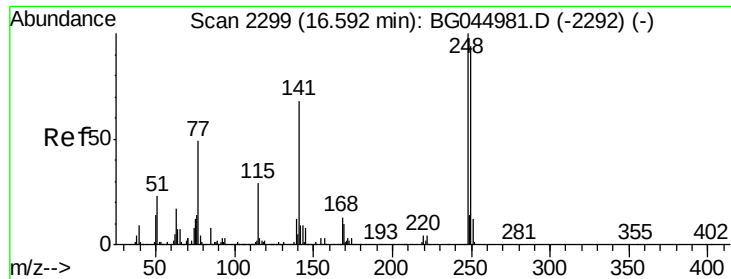
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 47.397 ng
RT: 15.88 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BG045285.D
Acq: 8 May 2020 1:19

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	572059		
168	69.4	55.8	83.8	
167	37.9	30.8	46.2	





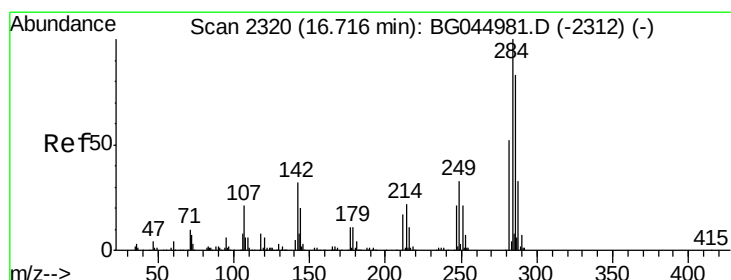
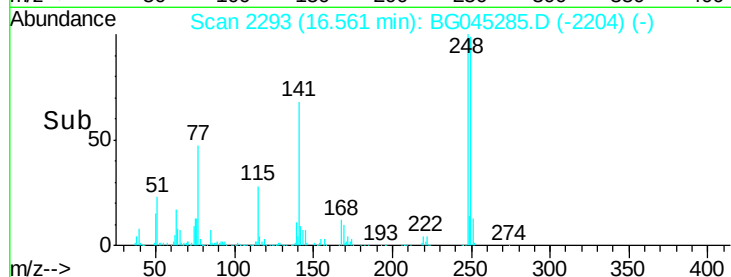
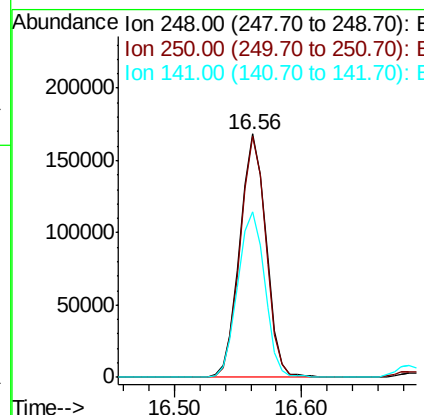
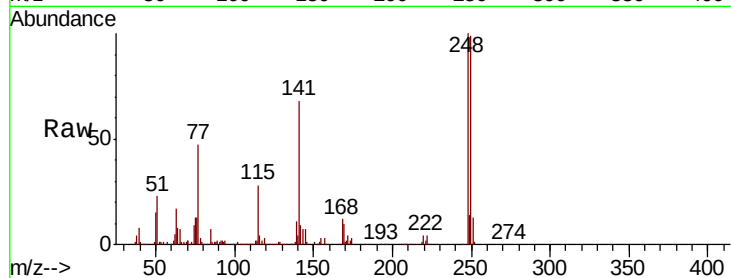
#67
4-Bromophenyl-phenylether
Concen: 44.622 ng
RT: 16.56 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BG045285.D
Acq: 8 May 2020 1:19

Instrument :
BNA_G
ClientSampleId :
72-11936MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.1	75.4	113.2
141	68.2	54.4	81.6

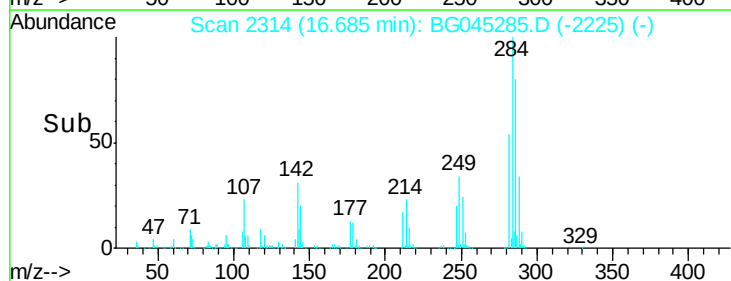
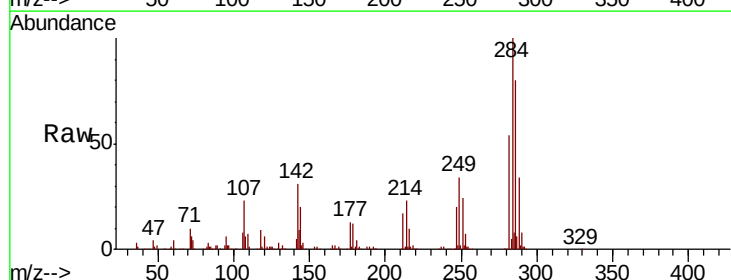
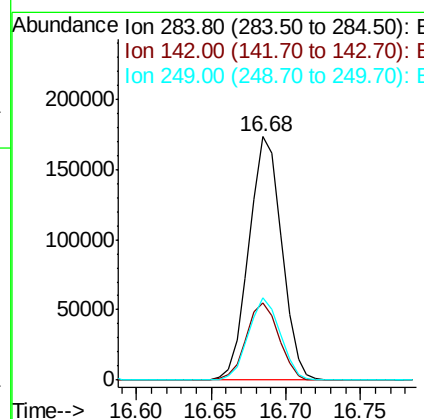
Manual Integrations
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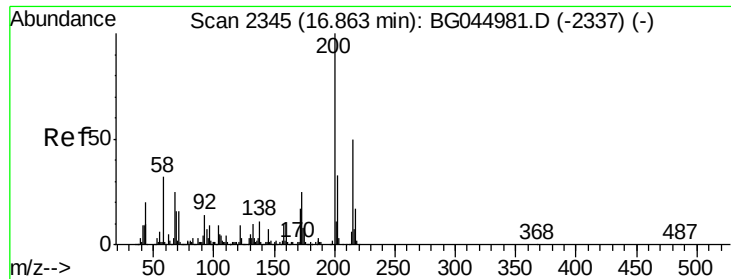
mohammad
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#68
Hexachlorobenzene
Concen: 46.702 ng
RT: 16.68 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BG045285.D
Acq: 8 May 2020 1:19

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.5	25.8	38.6
249	33.7	26.6	39.8





#69

Atrazine

Concen: 49.160 ng

RT: 16.83 min Scan# 2338

Delta R.T. -0.00 min

Lab File: BG045285.D

Acq: 8 May 2020 1:19

Instrument :

BNA_G

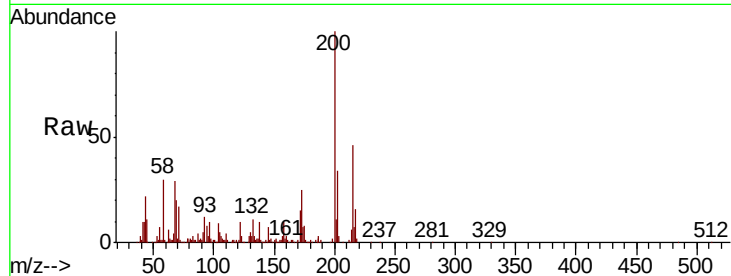
ClientSampleId :

72-11936MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.6	4.5	44.5
215	45.9	30.0	70.0

Manual Integrations
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mohammad
5/8/2020 1:00:18 PM

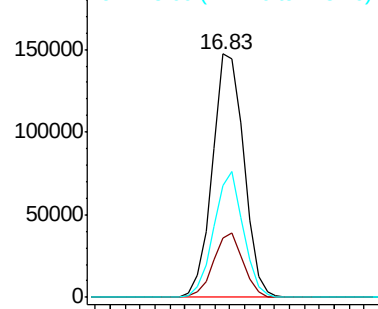


Abundance

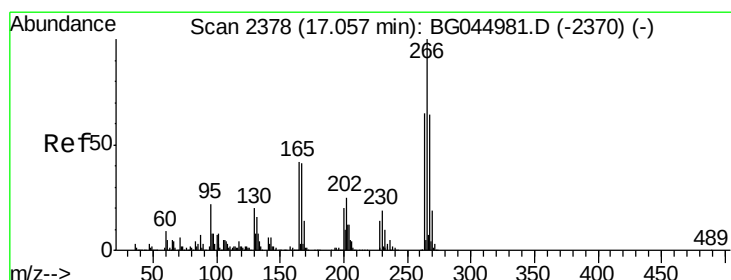
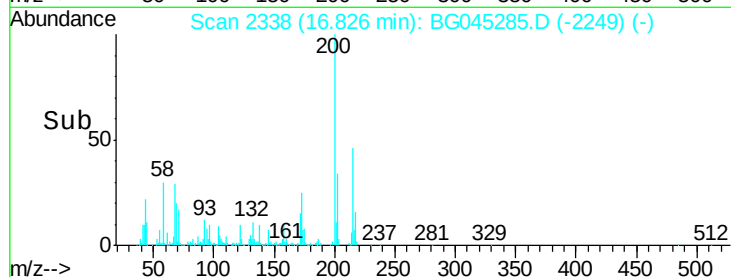
Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



Time-->



#70

Pentachlorophenol

Concen: 90.646 ng

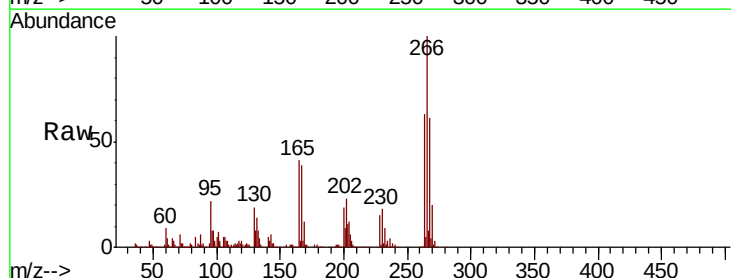
RT: 17.03 min Scan# 2373

Delta R.T. 0.00 min

Lab File: BG045285.D

Acq: 8 May 2020 1:19

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.5	51.5	77.3
264	62.9	52.2	78.4

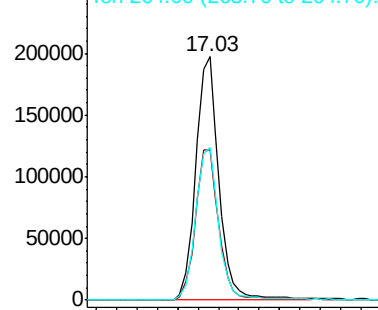


Abundance

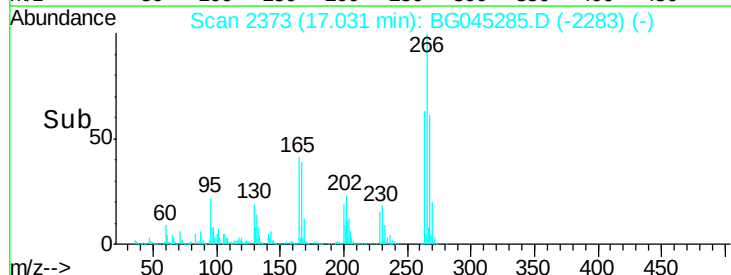
Ion 265.70 (265.40 to 266.40): E

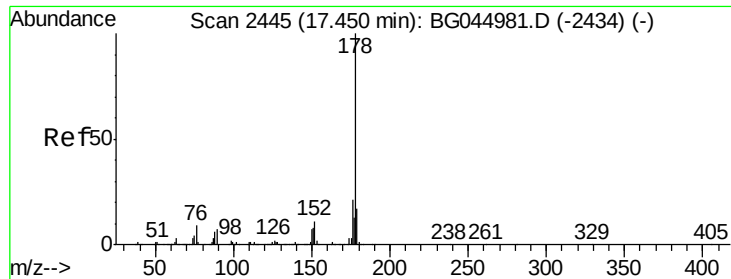
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



Time-->





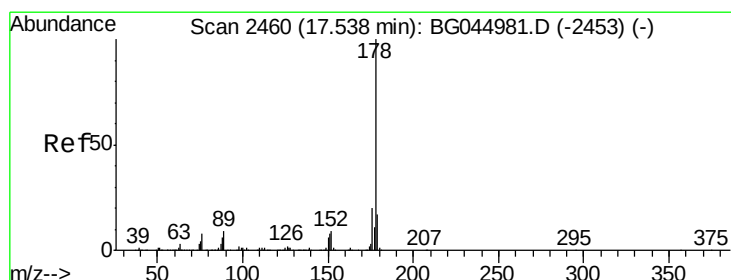
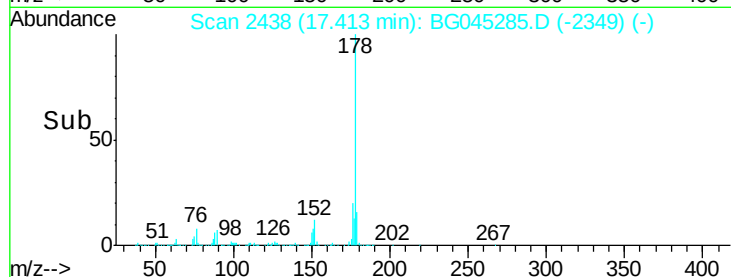
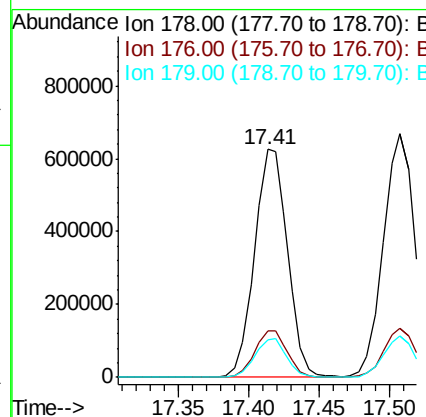
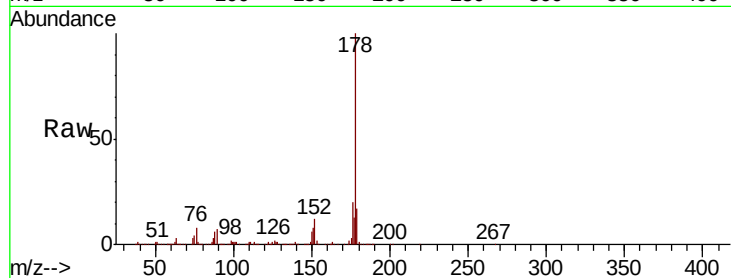
#71
Phenanthrene
Concen: 47.513 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG045285.D
Acq: 8 May 2020 1:19

Instrument :
BNA_G
ClientSampleId :
72-11936MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.8	25.2
179	16.6	13.2	19.8

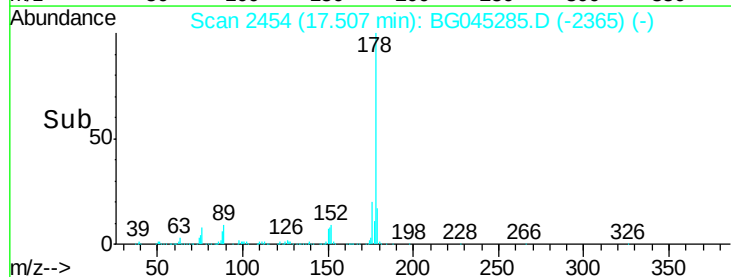
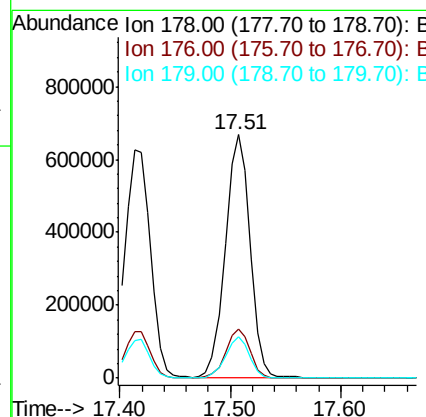
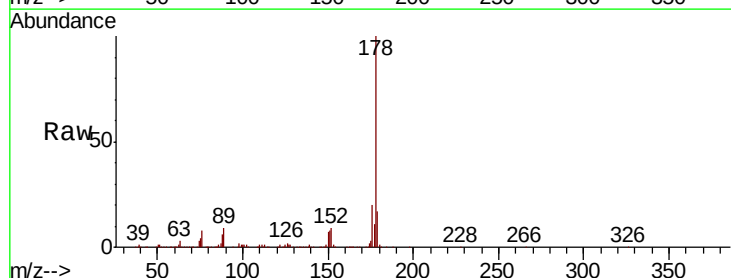
Manual Integrations
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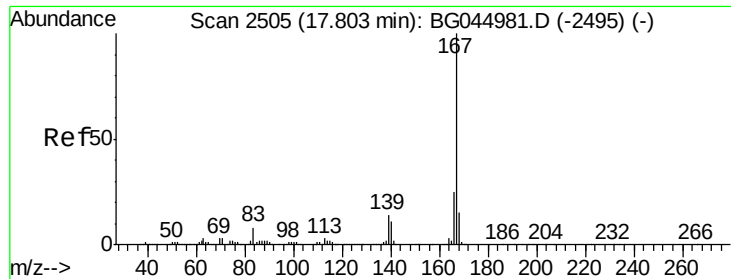
mohammad
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#72
Anthracene
Concen: 48.169 ng
RT: 17.51 min Scan# 2454
Delta R.T. -0.00 min
Lab File: BG045285.D
Acq: 8 May 2020 1:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.0	24.0
179	17.1	13.6	20.4





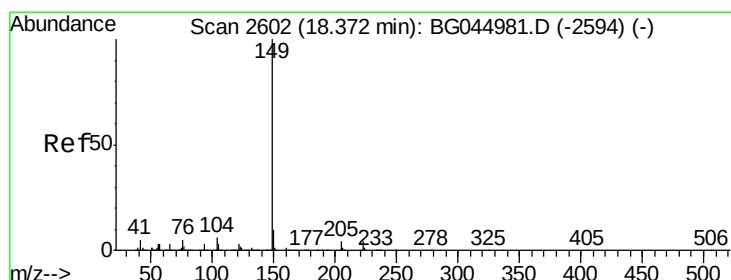
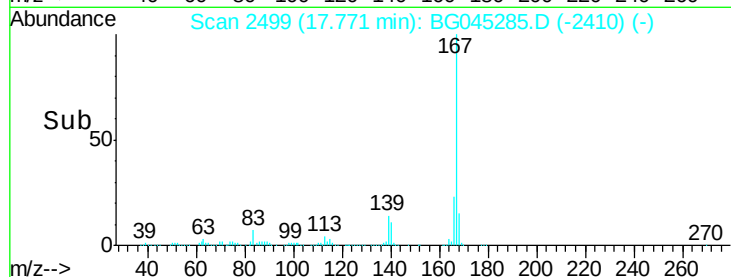
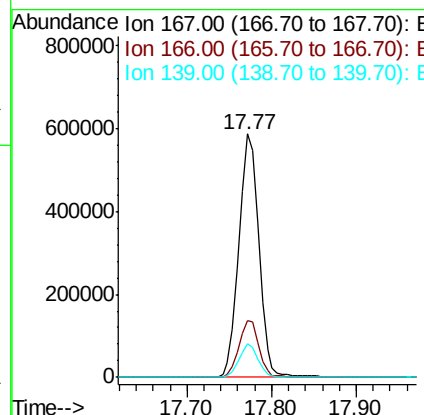
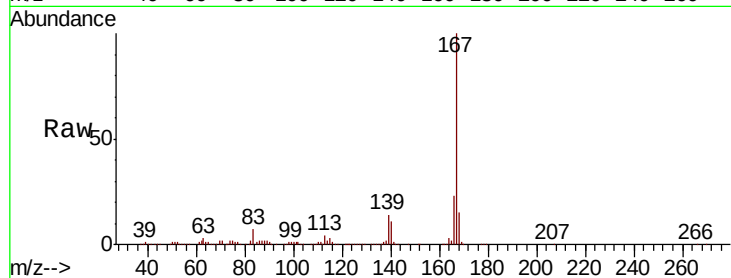
#73
 Carbazole
 Concen: 43.483 ng
 RT: 17.77 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: BG045285.D
 Acq: 8 May 2020 1:19

Instrument :
 BNA_G
 ClientSampleId :
 72-11936MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.5	19.8	29.6
139	13.9	10.9	16.3

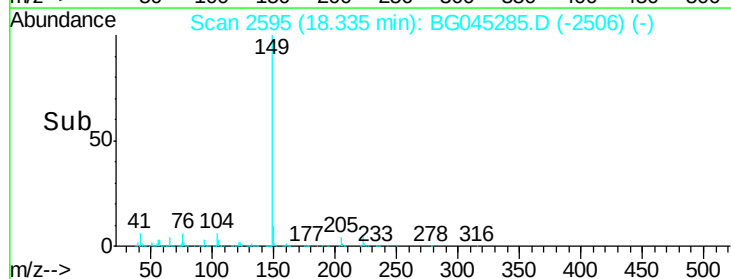
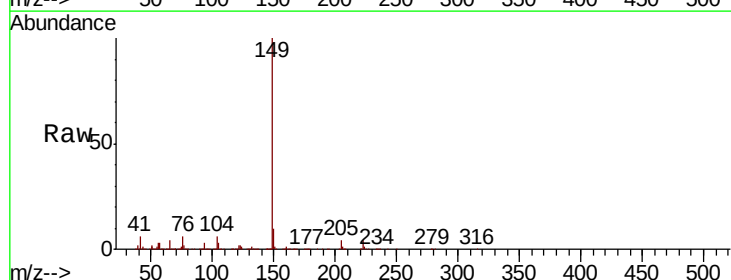
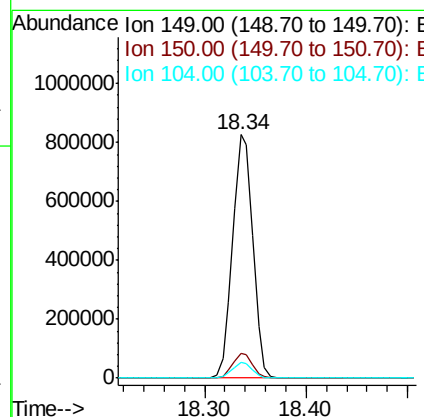
Manual Integrations
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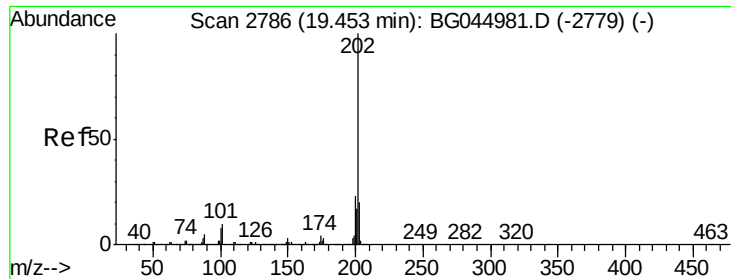
mohammad
 5/8/2020 1:00:18 PM



#74
 Di-n-butylphthalate
 Concen: 48.303 ng
 RT: 18.34 min Scan# 2595
 Delta R.T. -0.00 min
 Lab File: BG045285.D
 Acq: 8 May 2020 1:19

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.2	12.2
104	6.4	4.8	7.2





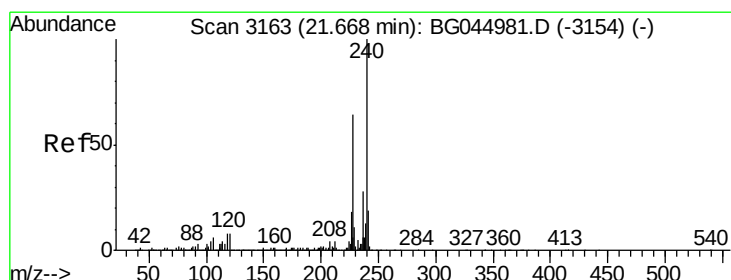
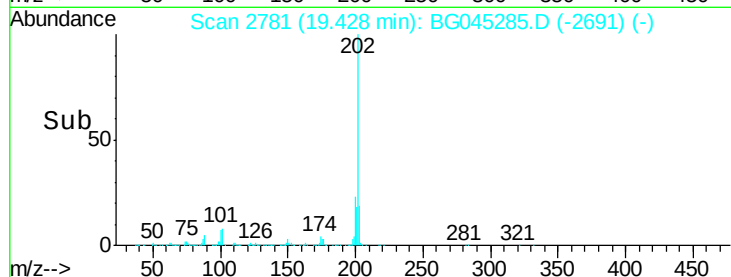
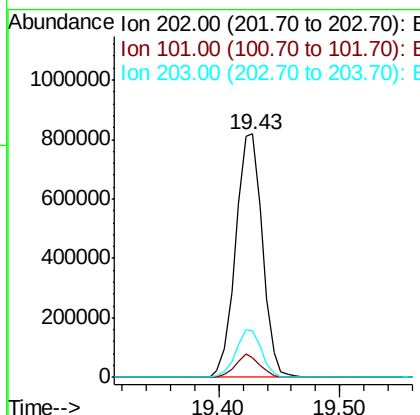
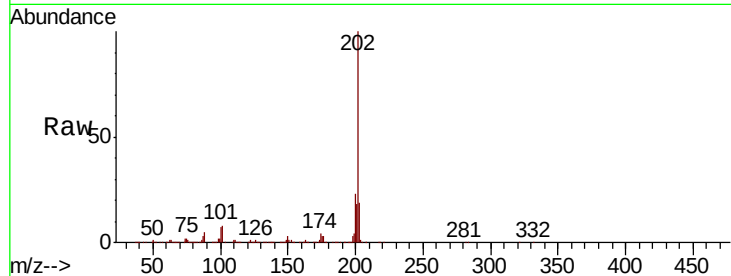
#75
 Fluoranthene
 Concen: 50.488 ng
 RT: 19.43 min Scan# 2781
 Delta R.T. 0.00 min
 Lab File: BG045285.D
 Acq: 8 May 2020 1:19

Instrument :
 BNA_G
 ClientSampleId :
 72-11936MSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1261902		
101	8.3		0.0	29.6
203	19.0		0.0	39.7

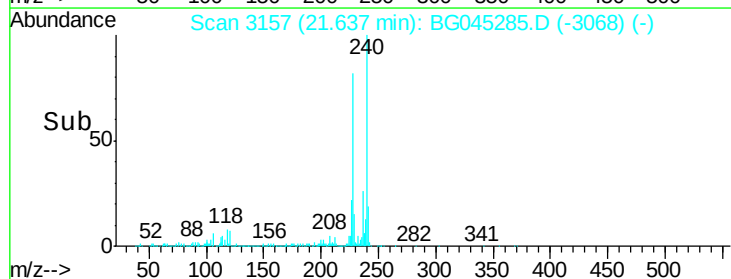
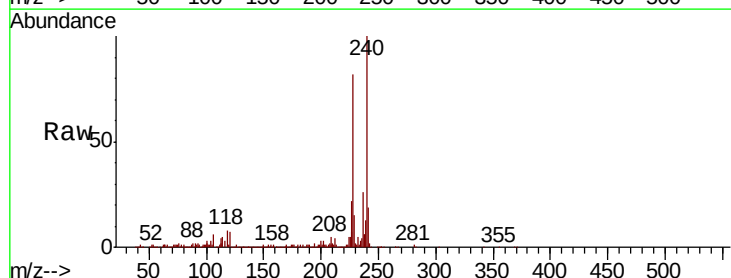
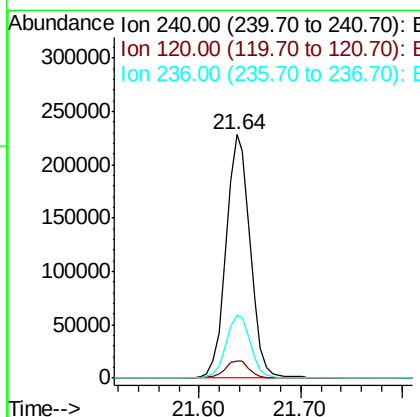
Manual Integrations
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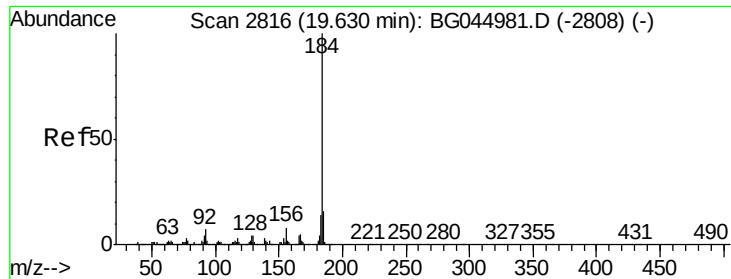
mohammad
 5/8/2020 1:00:18 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.64 min Scan# 3157
 Delta R.T. -0.00 min
 Lab File: BG045285.D
 Acq: 8 May 2020 1:19

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	375133		
120	7.1		6.6	10.0
236	26.1		22.2	33.2





#77

Benzidine

Concen: 60.876 ng

RT: 19.60 min Scan# 2811

Delta R.T. 0.00 min

Lab File: BG045285.D

Acq: 8 May 2020 1:19

Instrument :

BNA_G

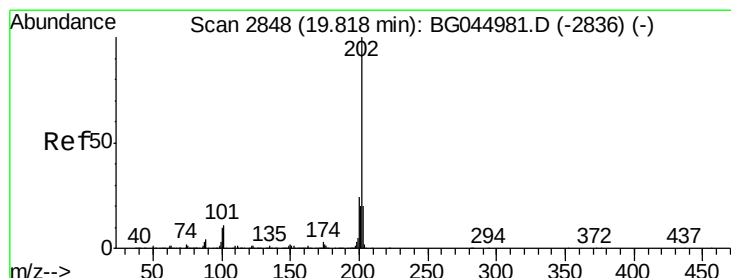
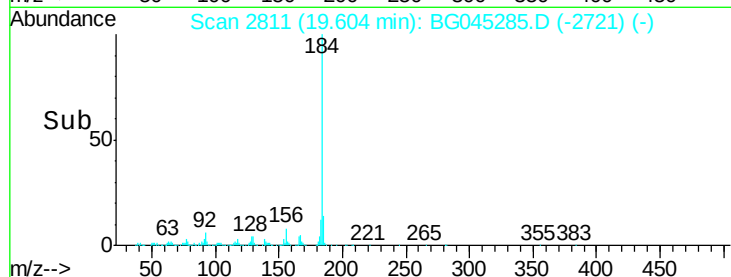
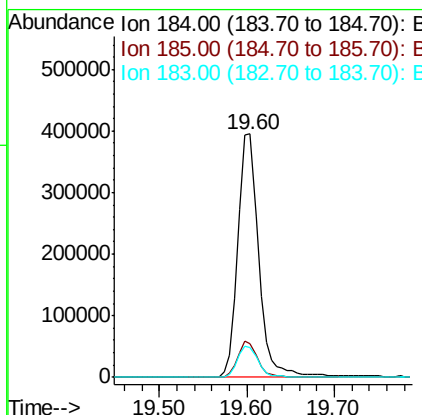
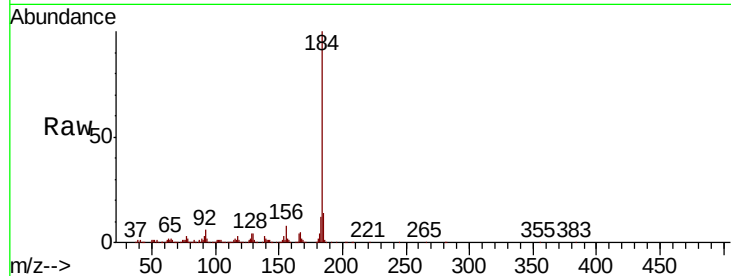
ClientSampleId :

72-11936MSD

Tot Ion:	184	Resp:	638607
Ion Ratio	Lower	Upper	
184	100		
185	14.0	12.6	19.0
183	12.2	11.3	16.9

Manual Integrations
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mohammad
5/8/2020 1:00:18 PM



#78

Pyrene

Concen: 48.246 ng

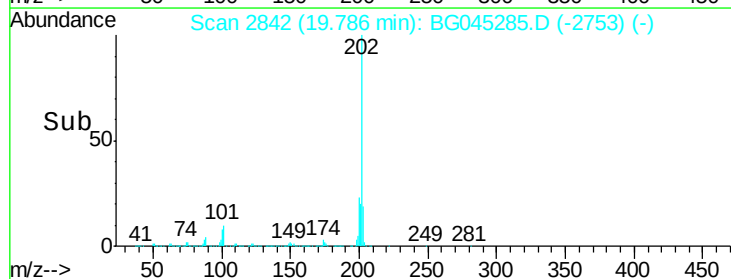
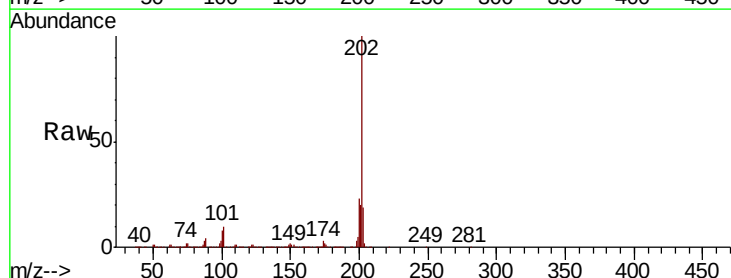
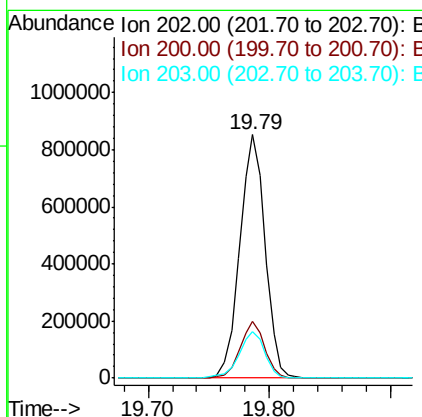
RT: 19.79 min Scan# 2842

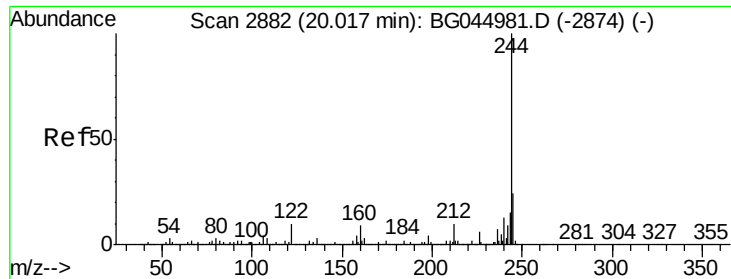
Delta R.T. -0.00 min

Lab File: BG045285.D

Acq: 8 May 2020 1:19

Tgt Ion:	202	Resp:	1247722
Ion Ratio	Lower	Upper	
202	100		
200	23.3	19.0	28.6
203	18.9	16.1	24.1





#79

Terphenyl-d14

Concen: 94.042 ng

RT: 19.99 min Scan# 2876

Delta R.T. -0.00 min

Lab File: BG045285.D

Acq: 8 May 2020 1:19

Instrument :

BNA_G

ClientSampleId :

72-11936MSD

Tot Ion:244 Resp: 1618594

Ion Ratio Lower Upper

244 100

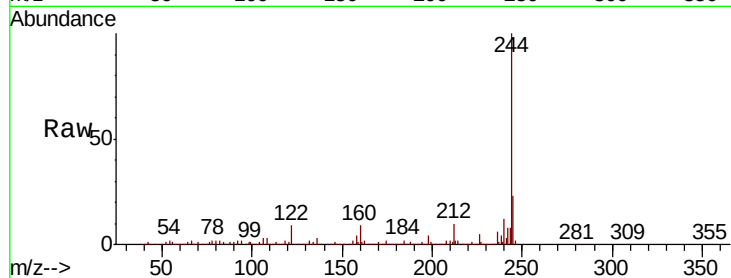
212 9.6 7.9 11.9

122 9.0 7.7 11.5

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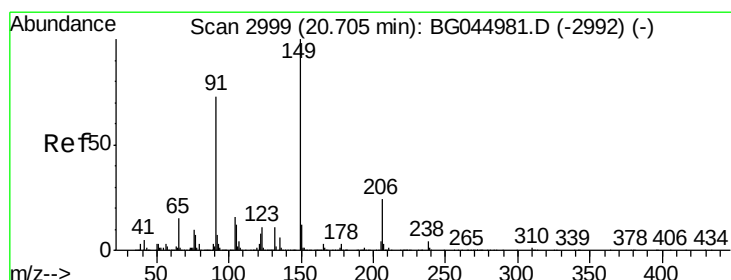
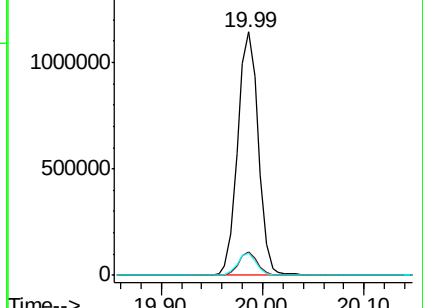
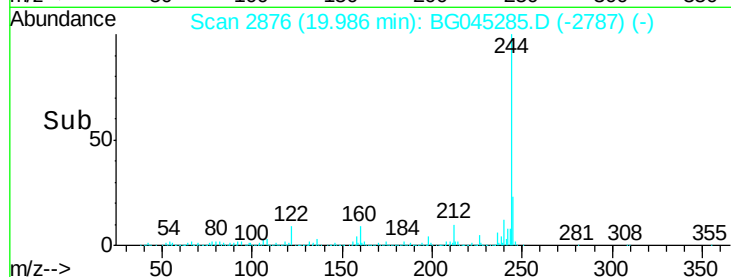
5/8/2020 1:00:18 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.339 ng

RT: 20.67 min Scan# 2993

Delta R.T. -0.00 min

Lab File: BG045285.D

Acq: 8 May 2020 1:19

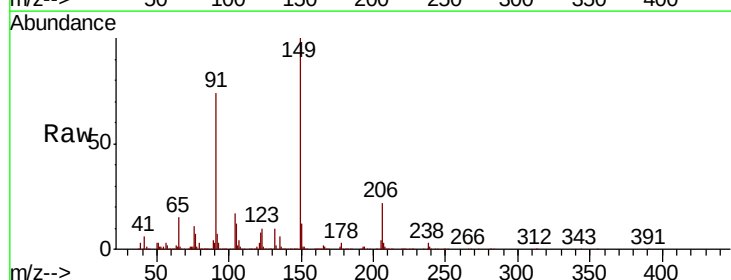
Tgt Ion:149 Resp: 518196

Ion Ratio Lower Upper

149 100

91 74.2 58.5 87.7

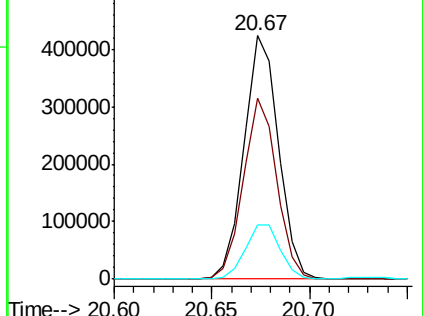
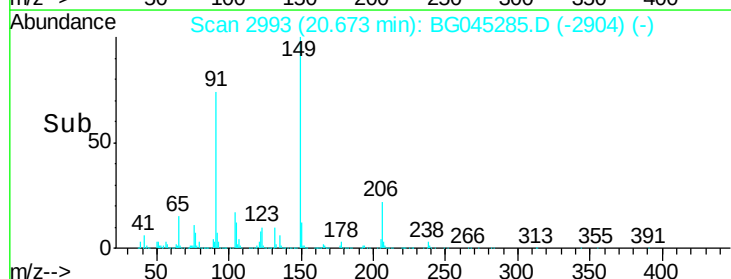
206 22.1 19.2 28.8

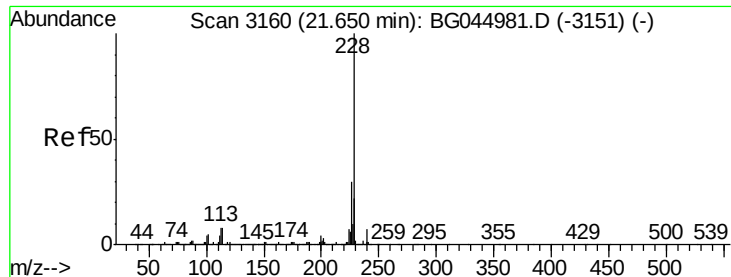


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





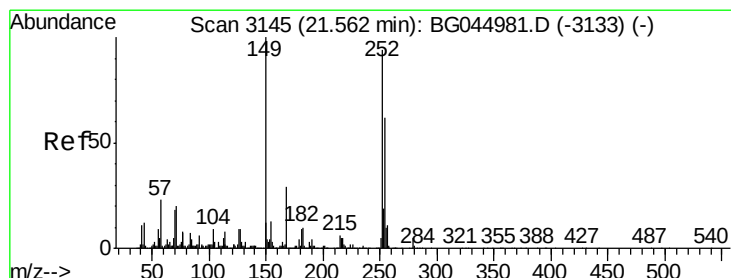
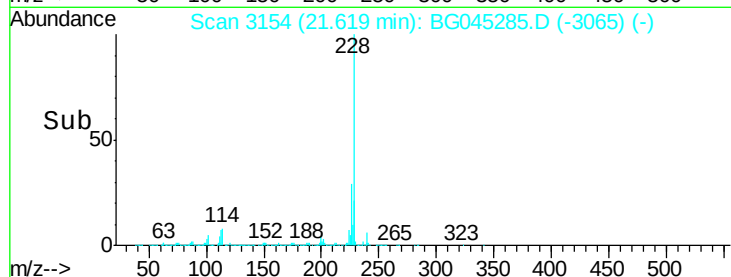
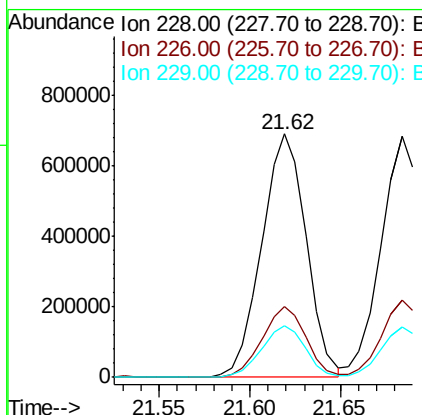
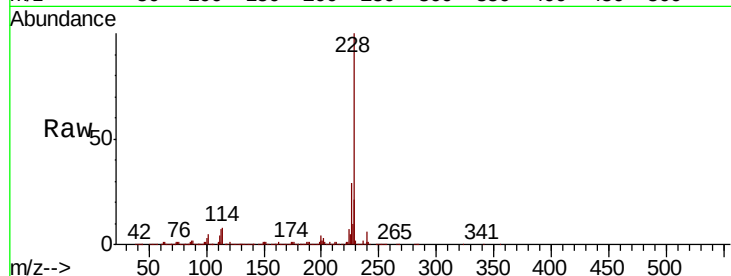
#81
Benzo(a)anthracene
Concen: 48.650 ng
RT: 21.62 min Scan# 3154
Delta R.T. -0.00 min
Lab File: BG045285.D
Acq: 8 May 2020 1:19

Instrument :
BNA_G
ClientSampleId :
72-11936MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.0	36.0
229	21.0	17.5	26.3

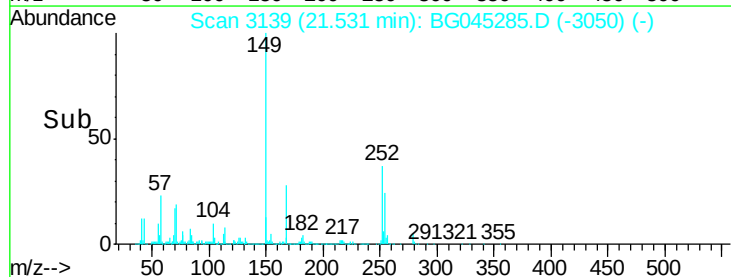
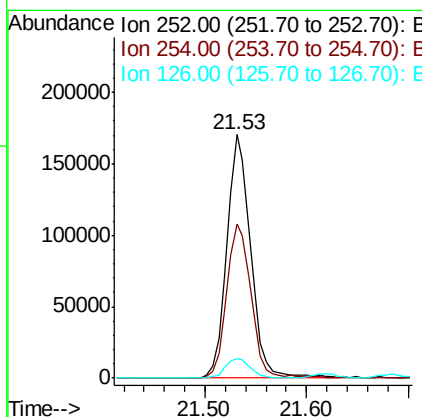
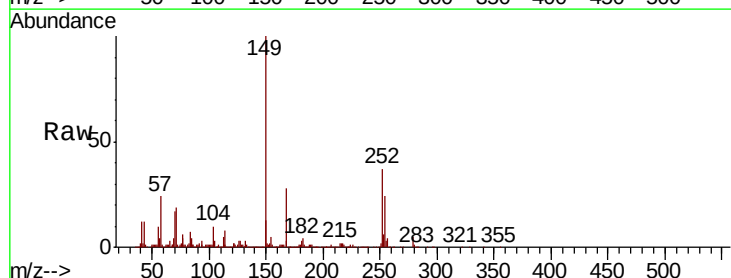
Manual Integrations
APPROVED

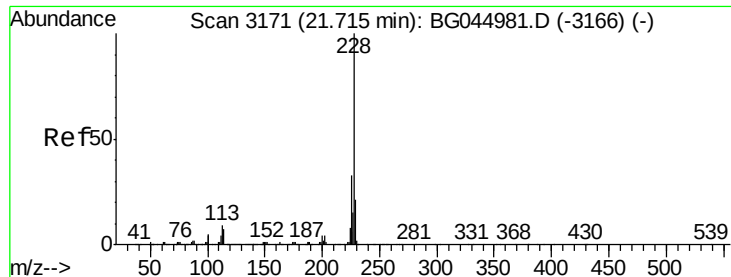
mohammad
5/8/2020 1:00:18 PM



#82
3,3'-Dichlorobenzidine
Concen: 28.659 ng
RT: 21.53 min Scan# 3139
Delta R.T. -0.00 min
Lab File: BG045285.D
Acq: 8 May 2020 1:19

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.1	52.6	79.0
126	8.0	7.5	11.3





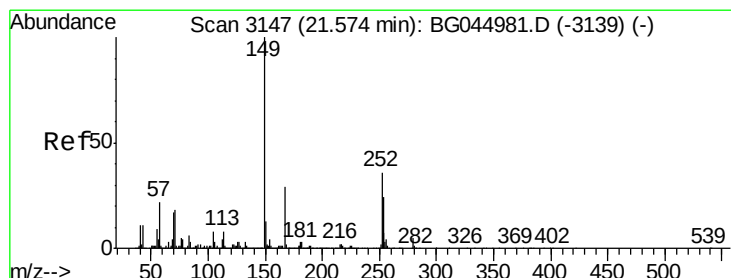
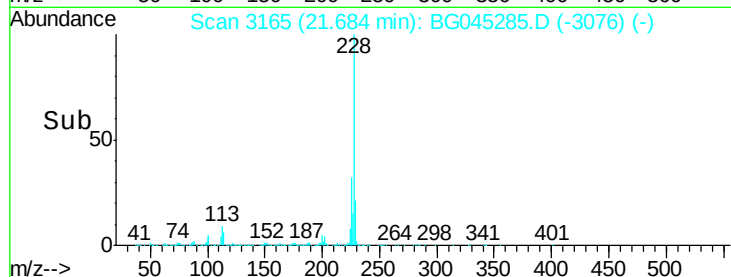
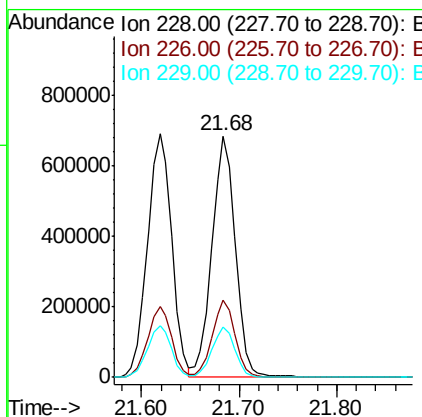
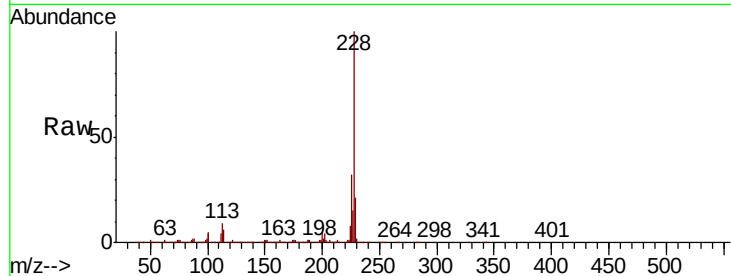
#83
Chrysene
Concen: 48.451 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.00 min
Lab File: BG045285.D
Acq: 8 May 2020 1:19

Instrument :
BNA_G
ClientSampleId :
72-11936MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.8	26.2	39.4
229	20.7	17.0	25.6

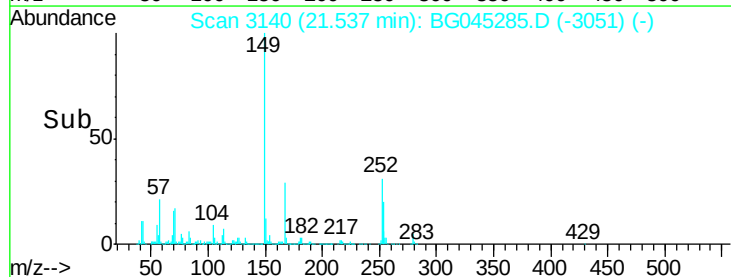
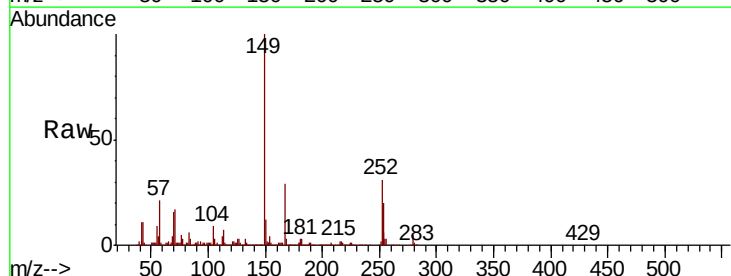
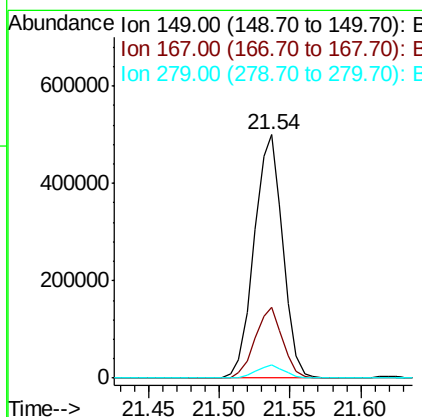
Manual Integrations
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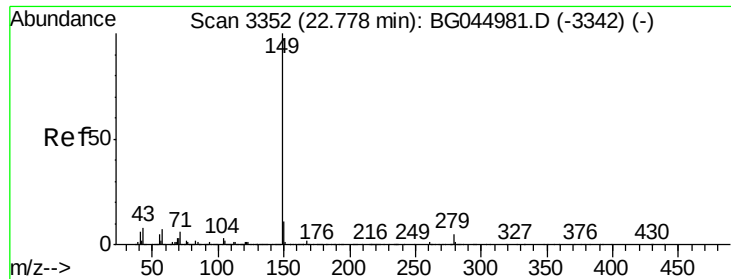
mohammad
5/8/2020 1:00:18 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.088 ng
RT: 21.54 min Scan# 3140
Delta R.T. -0.00 min
Lab File: BG045285.D
Acq: 8 May 2020 1:19

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.8	23.4	35.0
279	5.4	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 46.880 ng

RT: 22.73 min Scan# 3343

Delta R.T. -0.01 min

Lab File: BG045285.D

Acq: 8 May 2020 1:19

Instrument :

BNA_G

ClientSampleId :

72-11936MSD

Tot Ion:149 Resp: 1195238

Ion Ratio Lower Upper

149 100

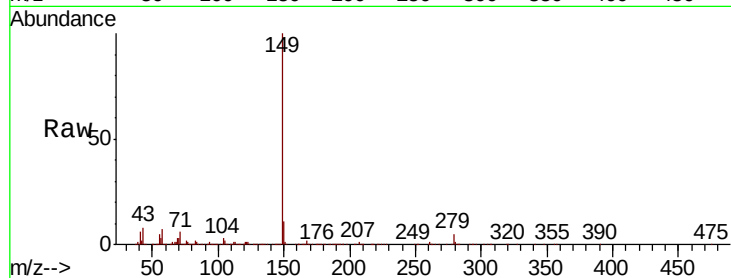
167 1.7 1.4 2.2

43 7.3 5.7 8.5

Manual Integrations
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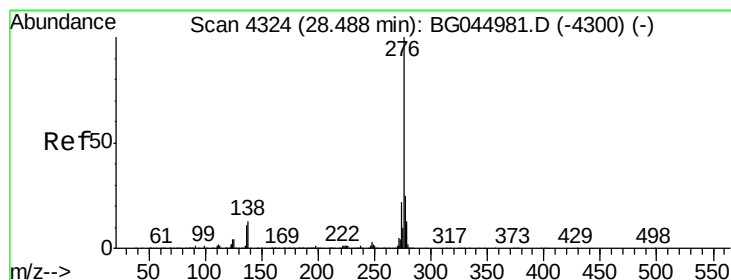
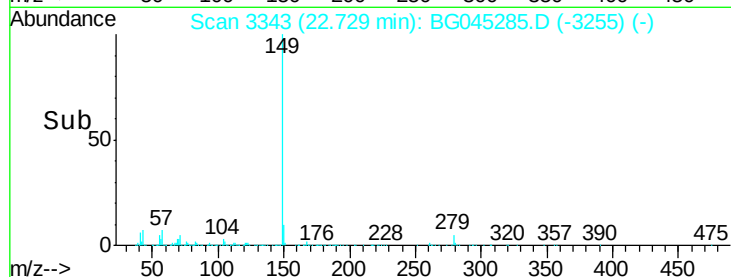
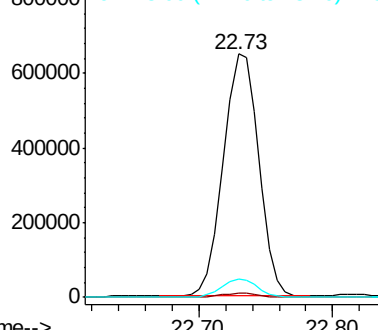
5/8/2020 1:00:18 PM



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): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.191 ng

RT: 28.41 min Scan# 4310

Delta R.T. -0.00 min

Lab File: BG045285.D

Acq: 8 May 2020 1:19

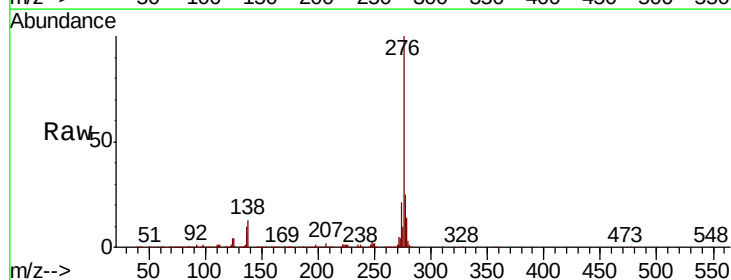
Tgt Ion:276 Resp: 1494719

Ion Ratio Lower Upper

276 100

138 15.7 9.6 14.4#

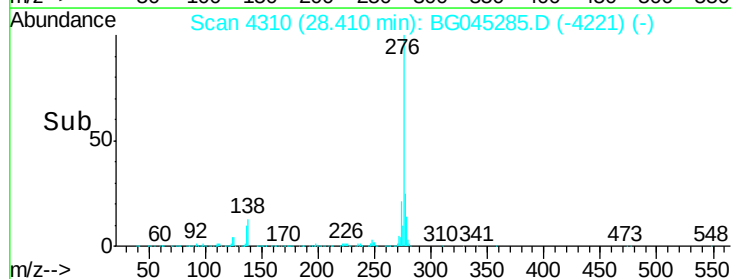
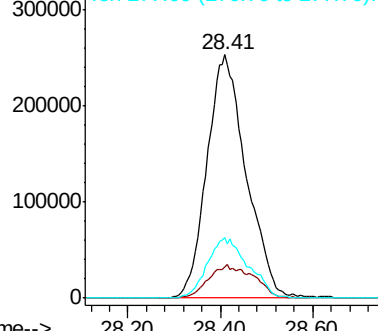
277 25.9 20.6 31.0

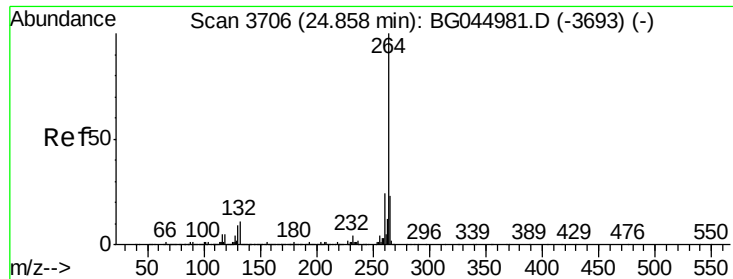


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





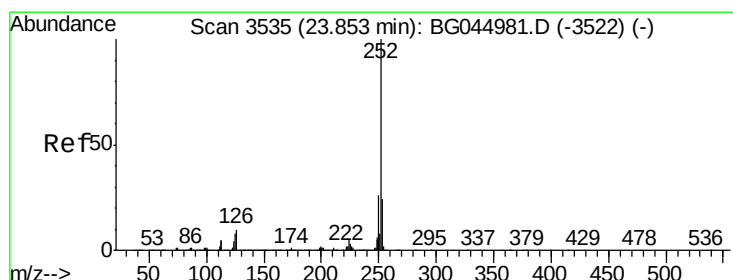
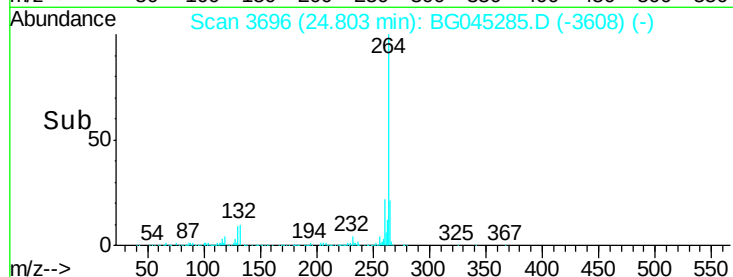
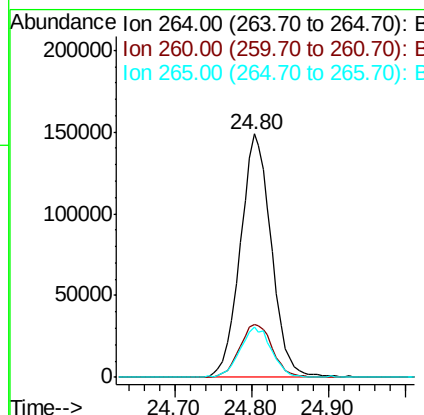
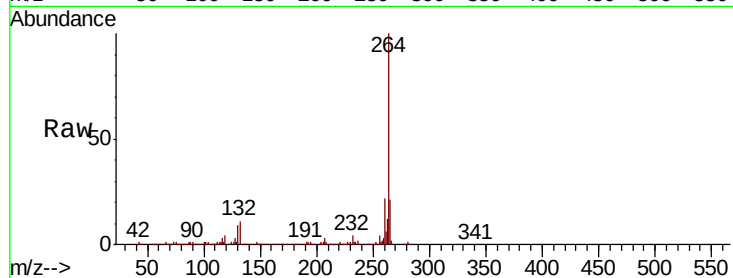
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.80 min Scan# 3696
Delta R.T. -0.01 min
Lab File: BG045285.D
Acq: 8 May 2020 1:19

Instrument :
BNA_G
ClientSampleId :
72-11936MSD

Tot Ion:	264	Resp:	418676
Ion Ratio	Lower	Upper	
264	100		
260	21.6	19.2	28.8
265	20.7	19.0	28.4

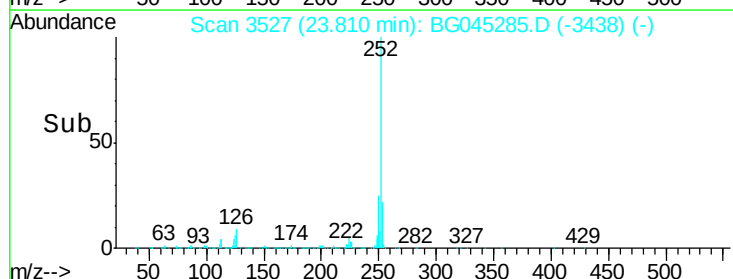
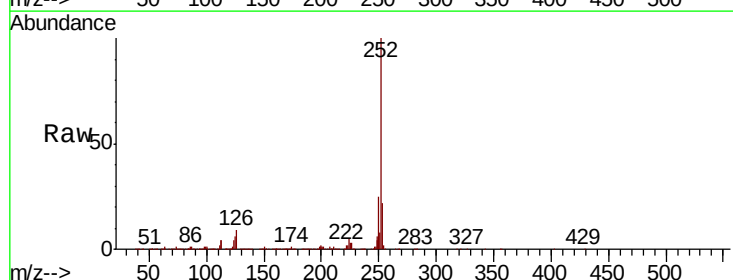
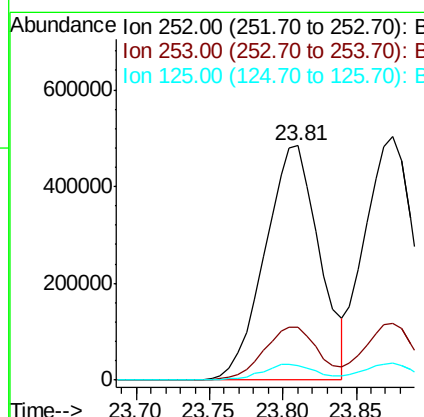
Manual Integrations
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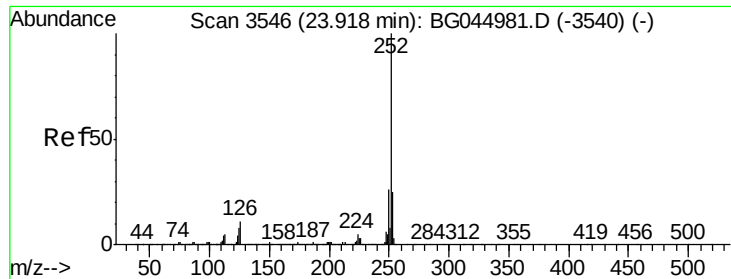
mohammad
5/8/2020 1:00:18 PM



#88
Benzo(b)fluoranthene
Concen: 47.622 ng m
RT: 23.81 min Scan# 3527
Delta R.T. -0.00 min
Lab File: BG045285.D
Acq: 8 May 2020 1:19

Tgt Ion:	252	Resp:	1248922
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.8	28.2
125	6.2	6.2	9.4#





#89

Benzo(k)fluoranthene

Concen: 47.573 ng

RT: 23.87 min Scan# 3538

Delta R.T. -0.00 min

Lab File: BG045285.D

Acq: 8 May 2020 1:19

Instrument :

BNA_G

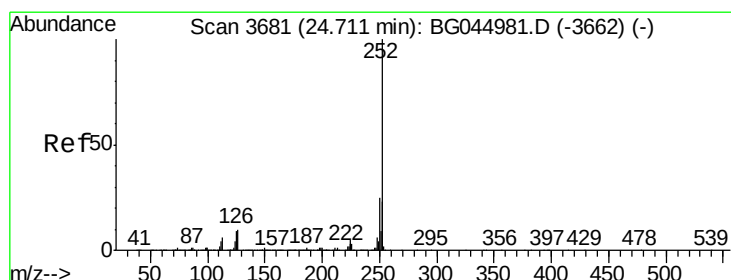
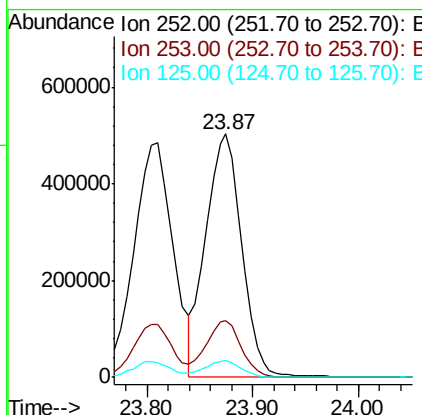
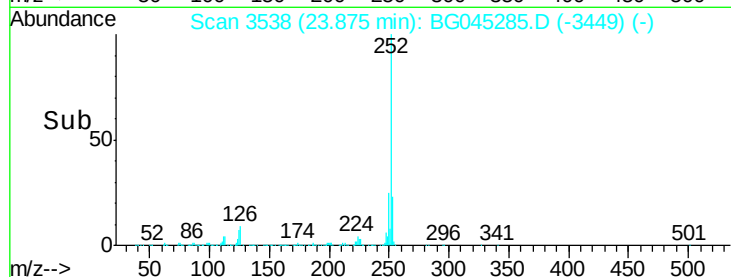
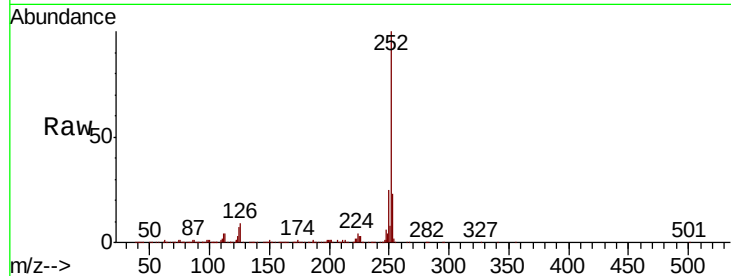
ClientSampleId :

72-11936MSD

Tot Ion:	252	Resp:	1186502
Ion Ratio	Lower	Upper	
252	100		
253	23.4	19.2	28.8
125	7.2	5.9	8.9

Manual Integrations
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5/8/2020 1:00:18 PM



#90

Benzo(a)pyrene

Concen: 46.697 ng

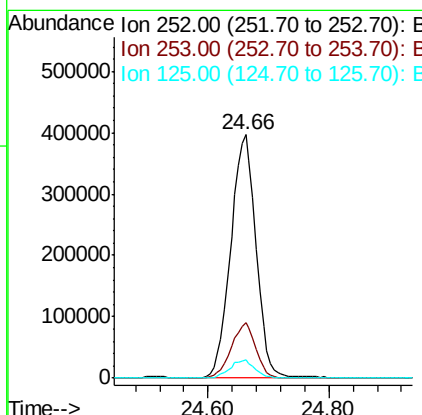
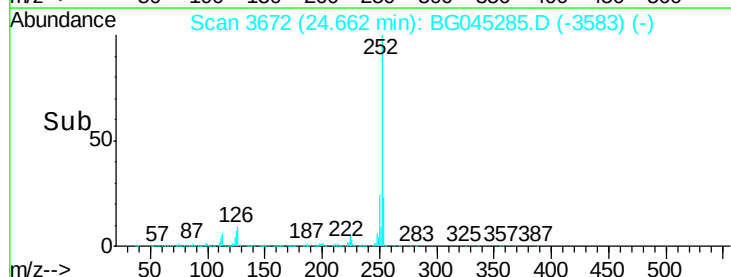
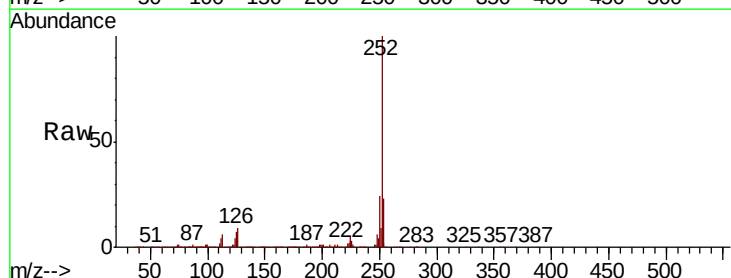
RT: 24.66 min Scan# 3672

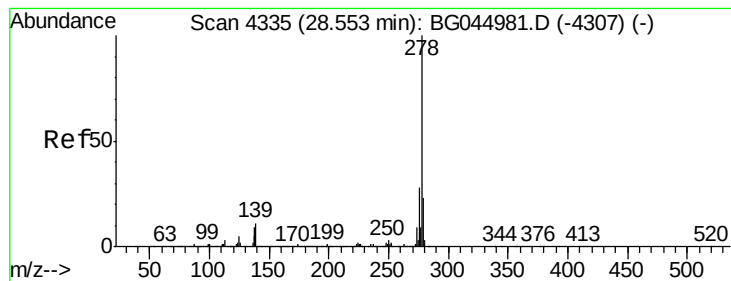
Delta R.T. -0.00 min

Lab File: BG045285.D

Acq: 8 May 2020 1:19

Tgt Ion:	252	Resp:	1156270
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.3	27.5
125	7.3	7.0	10.6





#91

Dibenzo(a,h)anthracene

Concen: 48.200 ng

RT: 28.47 min Scan# 4320

Delta R.T. -0.02 min

Lab File: BG045285.D

Acq: 8 May 2020 1:19

Instrument :

BNA_G

ClientSampleId :

72-11936MSD

Tot Ion:278 Resp: 1202621

Ion Ratio Lower Upper

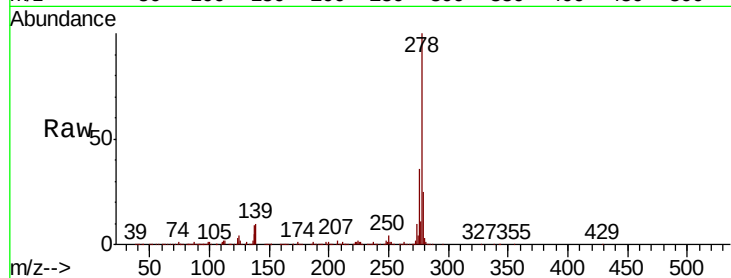
278 100

139 9.8 9.0 13.6

279 25.3 18.4 27.6

Manual Integrations
APPROVED

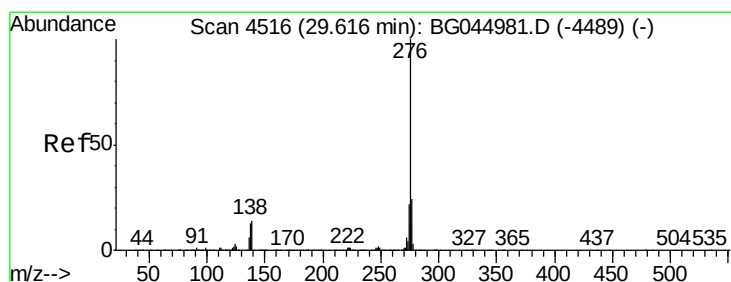
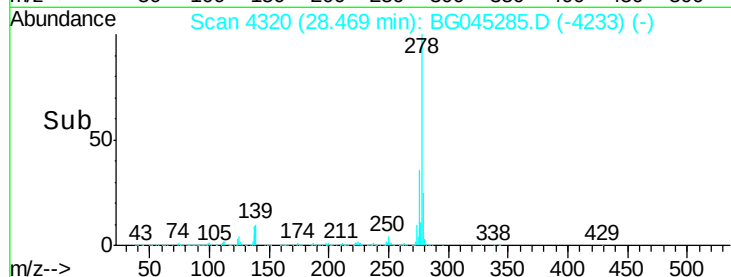
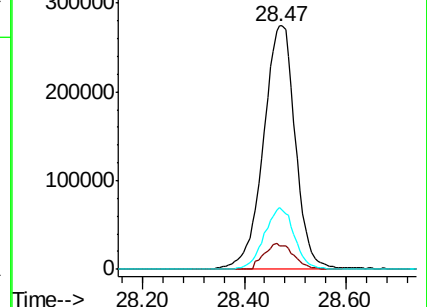
mohammad
5/8/2020 1:00:18 PM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 49.912 ng

RT: 29.54 min Scan# 4503

Delta R.T. 0.00 min

Lab File: BG045285.D

Acq: 8 May 2020 1:19

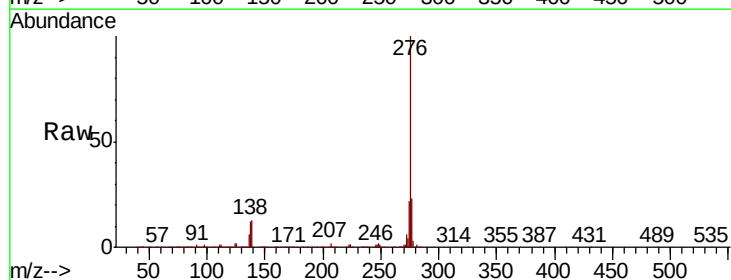
Tgt Ion:276 Resp: 1248514

Ion Ratio Lower Upper

276 100

277 22.7 19.3 28.9

138 12.7 11.4 17.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

