

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041520\
 Data File : BG044993.D
 Acq On : 15 Apr 2020 22:16
 Operator : CG/JU
 Sample : L2123-09MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-041420MS

Manual Integrations
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mohammad
 4/16/2020 12:55:00 PM

Quant Time: Apr 16 05:22:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 17:57:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	67210	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	273249	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	221786	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	568243	20.00	ng	0.00
76) Chrysene-d12	21.67	240	544780	20.00	ng	0.00
87) Perylene-d12	24.85	264	596229	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	589754	144.87	ng	0.00
7) Phenol-d6	7.18	99	778852	128.77	ng	0.00
23) Nitrobenzene-d5	9.18	82	615734	102.82	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	552071	161.13	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1490215	98.52	ng	0.00
79) Terphenyl-d14	20.01	244	2697047	107.90	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	84694	46.813	ng	# 35
3) Pyridine	3.89	79	156524	28.099	ng	97
4) n-Nitrosodimethylamine	3.79	42	84006	49.228	ng	93
6) Aniline	7.35	93	145325	18.479	ng	96
8) 2-Chlorophenol	7.59	128	246649	56.374	ng	99
9) Benzaldehyde	7.15	77	101984	26.730	ng	92
10) Phenol	7.21	94	276586	45.697	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	239012	49.598	ng	99
12) 1,3-Dichlorobenzene	7.92	146	237560	46.078	ng	98
13) 1,4-Dichlorobenzene	8.06	146	241117	46.935	ng	99
14) 1,2-Dichlorobenzene	8.38	146	230246	46.848	ng	98
15) Benzyl Alcohol	8.26	79	259967	51.264	ng	# 90
16) 2,2'-oxybis(1-Chloropropan	8.55	45	225962	47.768	ng	98
17) 2-Methylphenol	8.46	107	227155	48.643	ng	95
18) Hexachloroethane	9.12	117	88612	45.883	ng	98
19) n-Nitroso-di-n-propylamine	8.83	70	222436	52.001	ng	99
20) 3+4-Methylphenols	8.79	107	320332	49.007	ng	99
22) Acetophenone	8.84	105	394686	53.413	ng	# 98
24) Nitrobenzene	9.22	77	318293	51.852	ng	98
25) Isophorone	9.75	82	638966	52.102	ng	98
26) 2-Nitrophenol	9.94	139	145731	55.115	ng	98
27) 2,4-Dimethylphenol	10.00	122	249221	59.403	ng	97
28) bis(2-Chloroethoxy)methane	10.23	93	348749	54.124	ng	99
29) 2,4-Dichlorophenol	10.48	162	282101	58.232	ng	99
30) 1,2,4-Trichlorobenzene	10.70	180	273764	49.912	ng	94
31) Naphthalene	10.88	128	770882	51.571	ng	98
32) Benzoic acid	10.14	122	162046	47.837	ng	95
33) 4-Chloroaniline	10.99	127	21189	3.039	ng	95
34) Hexachlorobutadiene	11.18	225	183885	48.898	ng	98
35) Caprolactam	11.75	113	88021m	45.653	ng	
36) 4-Chloro-3-methylphenol	12.11	107	337795	59.356	ng	94
37) 2-Methylnaphthalene	12.49	142	615778	53.073	ng	98
38) 1-Methylnaphthalene	12.71	142	603989	55.143	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	337234	47.226	ng	99

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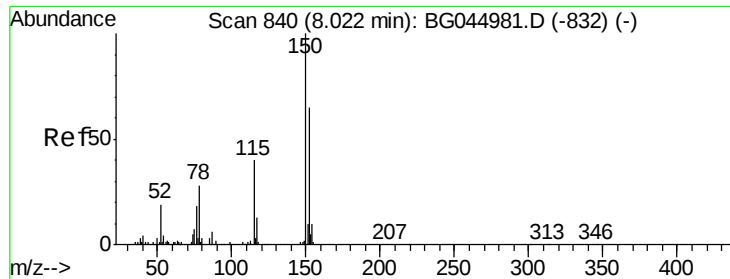
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	449795	100.779	nq	96
43) 2,4,6-Trichlorophenol	13.09	196	267540	53.085	nq	95
44) 2,4,5-Trichlorophenol	13.16	196	292225	50.940	nq	98
46) 1,1'-Biphenyl	13.49	154	824309	48.899	nq	99
47) 2-Chloronaphthalene	13.53	162	634755	49.280	nq	99
48) 2-Nitroaniline	13.73	65	216644	51.120	nq	94
49) Acenaphthylene	14.38	152	1093746	52.131	nq	99
50) Dimethylphthalate	14.12	163	957338	53.012	nq	98
51) 2,6-Dinitrotoluene	14.22	165	221314	54.791	nq	99
52) Acenaphthene	14.73	154	847657m	59.713	nq	
53) 3-Nitroaniline	14.55	138	37823	8.538	nq	93
54) 2,4-Dinitrophenol	14.76	184	295277	122.937	nq	98
55) Dibenzofuran	15.06	168	1079812	52.175	nq	98
56) 4-Nitrophenol	14.87	139	333487	97.087	nq	97
57) 2,4-Dinitrotoluene	15.01	165	326014	55.229	nq	95
58) Fluorene	15.71	166	916204	54.198	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	294344	57.665	nq	98
60) Diethylphthalate	15.48	149	1007132	53.491	nq	100
61) 4-Chlorophenyl-phenylether	15.70	204	499827	51.369	nq	98
62) 4-Nitroaniline	15.72	138	189185	41.173	nq	98
63) Azobenzene	16.00	77	941451	54.235	nq	99
65) 4,6-Dinitro-2-methylphenol	15.78	198	213153	57.068	nq	98
66) n-Nitrosodiphenylamine	15.91	169	821364	50.308	nq	99
67) 4-Bromophenyl-phenylether	16.59	248	355916	48.551	nq	95
68) Hexachlorobenzene	16.72	284	388872	51.148	nq	98
69) Atrazine	16.86	200	229204	37.716	nq	99
70) Pentachlorophenol	17.06	266	506498	108.595	nq	98
71) Phenanthrene	17.45	178	1536476	52.618	nq	98
72) Anthracene	17.54	178	1564967	53.428	nq	98
73) Carbazole	17.80	167	1434710	48.266	nq	100
74) Di-n-butylphthalate	18.37	149	1746376	55.371	nq	98
75) Fluoranthene	19.46	202	1921833	57.742	nq	97
77) Benzidine	19.65	184	269966m	12.855	nq	
78) Pyrene	19.81	202	1891179	50.354	nq	98
80) Butylbenzylphthalate	20.70	149	795382	51.091	nq	99
81) Benzo(a)anthracene	21.65	228	1827601	51.760	nq	98
82) 3,3'-Dichlorobenzidine	21.56	252	139652	9.937	nq	95
83) Chrysene	21.72	228	1757010	51.790	nq	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	1133323	52.931	nq	100
85) Di-n-octyl phthalate	22.78	149	1927160	52.049	nq	99
86) Indeno(1,2,3-cd)pyrene	28.48	276	2424843	53.834	nq	99
88) Benzo(b)fluoranthene	23.86	252	2052554	54.958	nq	99
89) Benzo(k)fluoranthene	23.92	252	1931275	54.375	nq	100
90) Benzo(a)pyrene	24.71	252	1861088	52.779	nq	100
91) Dibenzo(a,h)anthracene	28.55	278	1968579	55.404	nq	97
92) Benzo(g,h,i)perylene	29.62	276	1957088	54.940	nq	99

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



#1

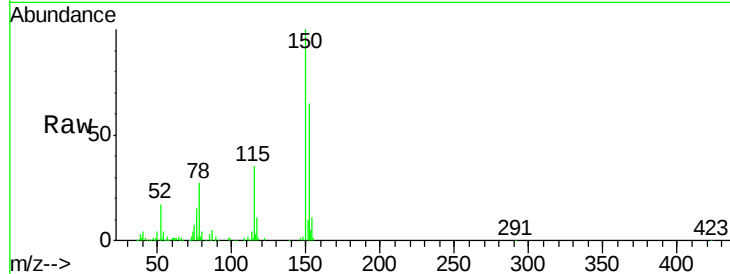
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. 0.00 min
Lab File: BG044993.D
Acq: 15 Apr 2020 22:16

Instrument :
BNA_G
ClientSampleId :
TR-04-041420MS

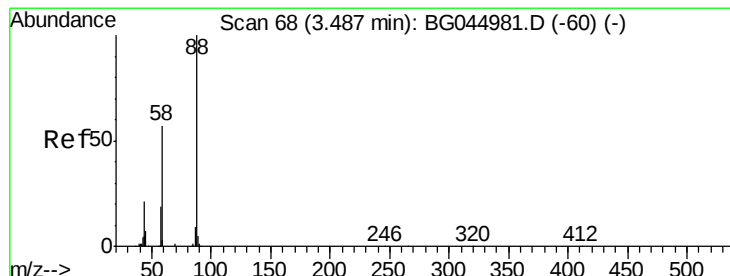
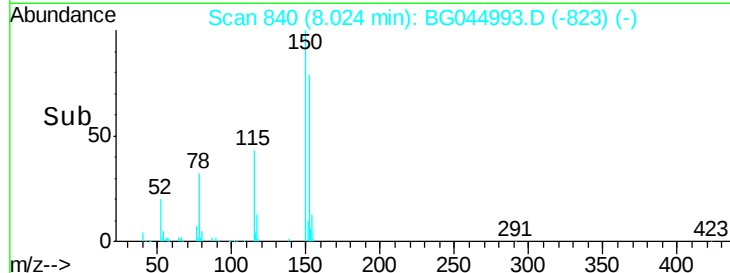
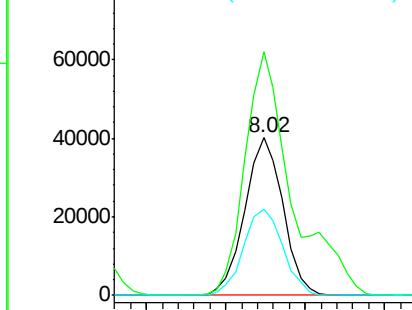
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	123.6	185.4
115	54.6	49.1	73.7

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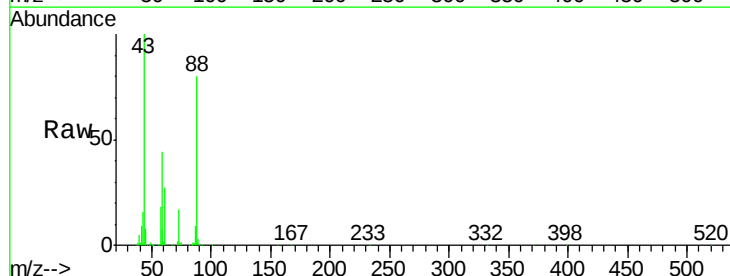
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Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



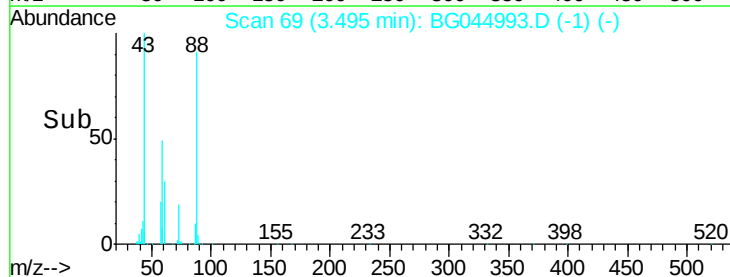
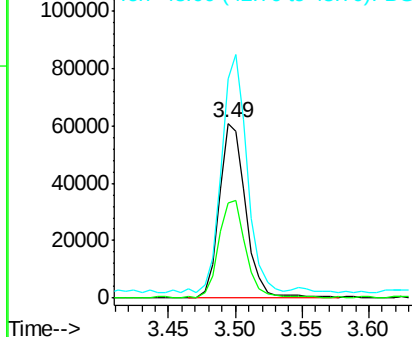
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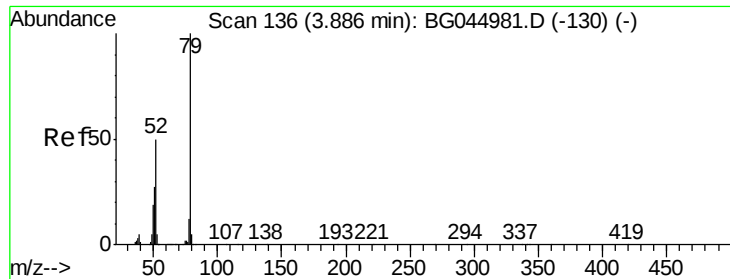
1,4-Dioxane
Concen: 46.813 ng
RT: 3.49 min Scan# 69
Delta R.T. 0.01 min
Lab File: BG044993.D
Acq: 15 Apr 2020 22:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.5	46.6	69.8
43	131.9	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

Pvridine

Concen: 28.099 ng

RT: 3.89 min Scan# 137

Delta R.T. 0.01 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Instrument :

BNA_G

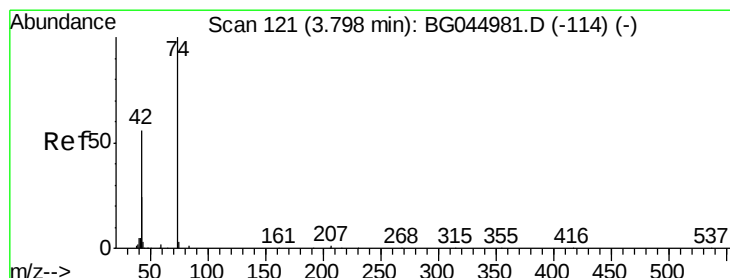
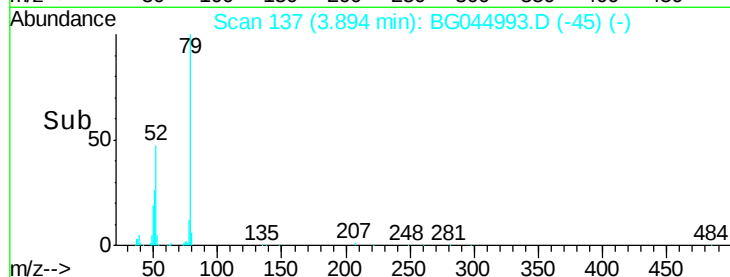
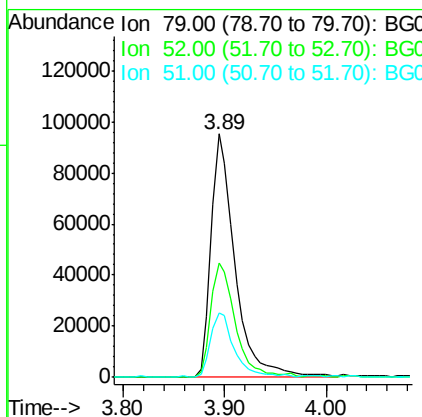
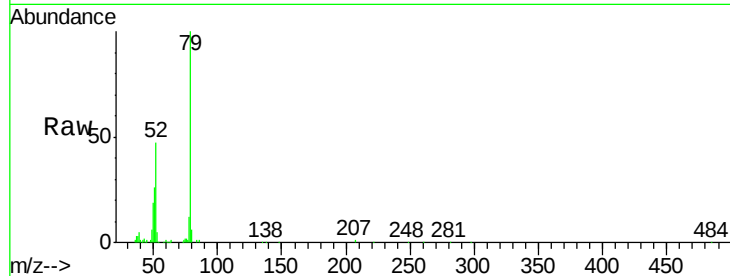
ClientSampleId :

TR-04-041420MS

Tot Ion:	79	Resp:	156524
Ion	Ratio	Lower	Upper
79	100		
52	47.2	39.8	59.6
51	26.4	21.4	32.2

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#4

n-Nitrosodimethylamine

Concen: 49.228 ng

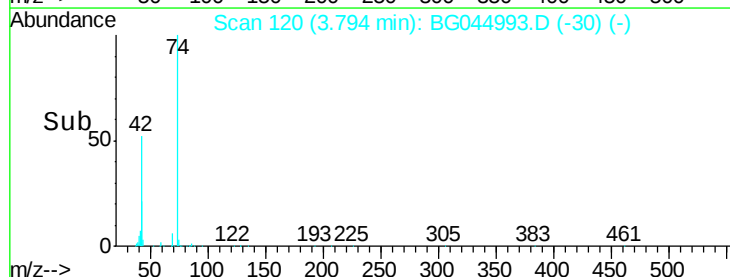
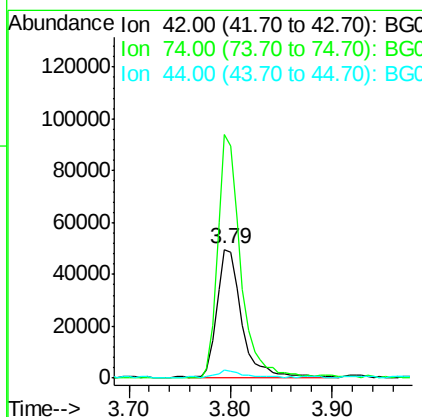
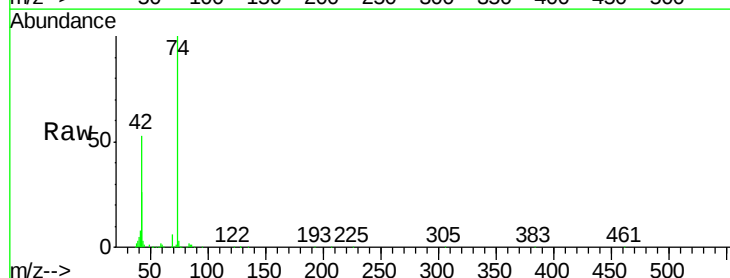
RT: 3.79 min Scan# 120

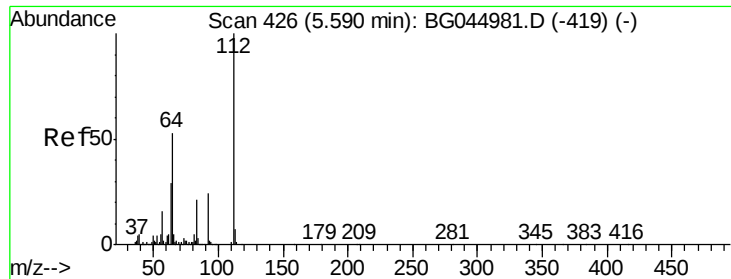
Delta R.T. -0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Tgt Ion:	42	Resp:	84006
Ion	Ratio	Lower	Upper
42	100		
74	189.6	143.0	214.6
44	6.2	4.6	6.8





#5

2-Fluorophenol

Concen: 144.867 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.01 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Instrument :

BNA_G

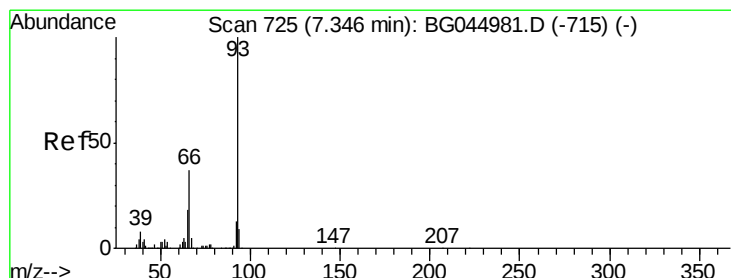
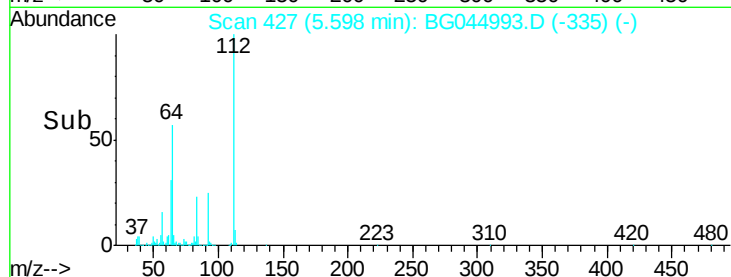
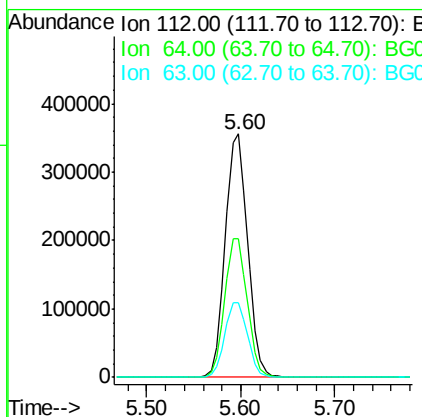
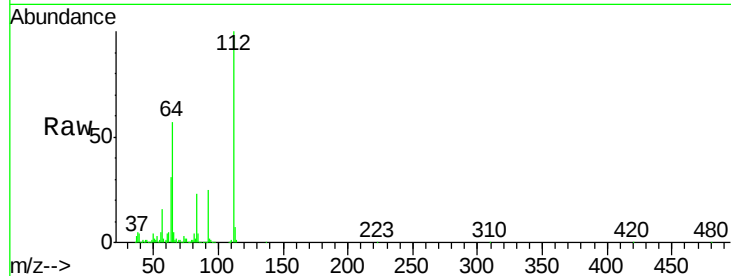
ClientSampleId :

TR-04-041420MS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	589754		
64	57.0		42.4	63.6
63	30.6		23.1	34.7

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#6

Aniline

Concen: 18.479 ng

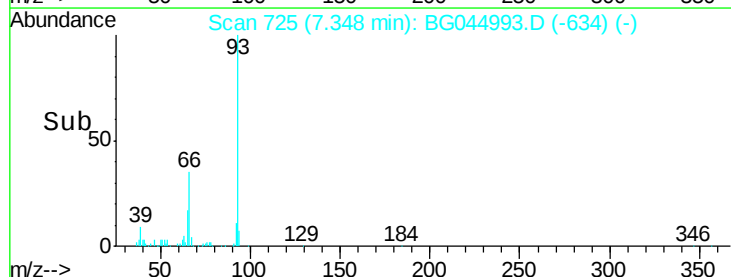
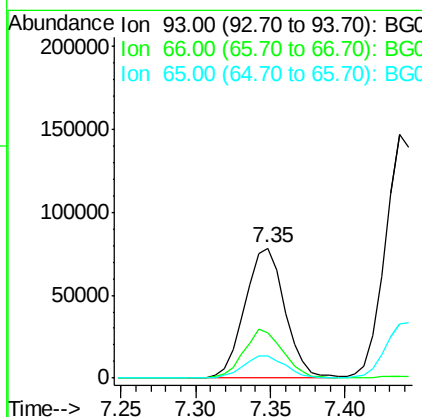
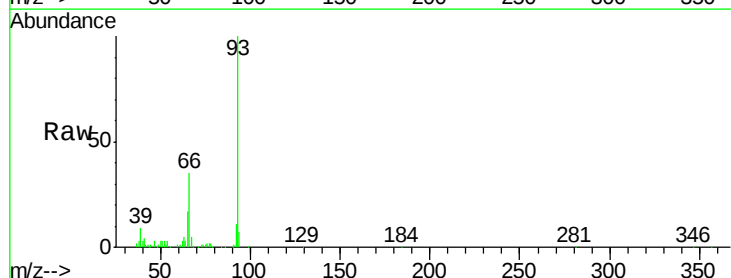
RT: 7.35 min Scan# 725

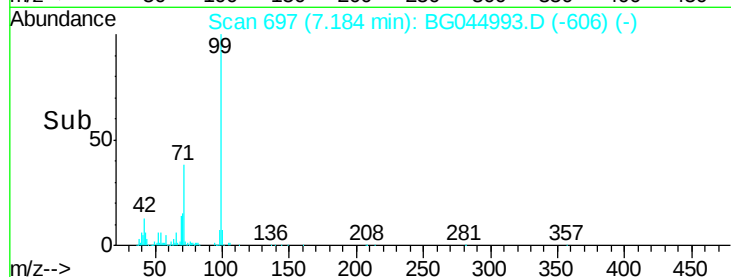
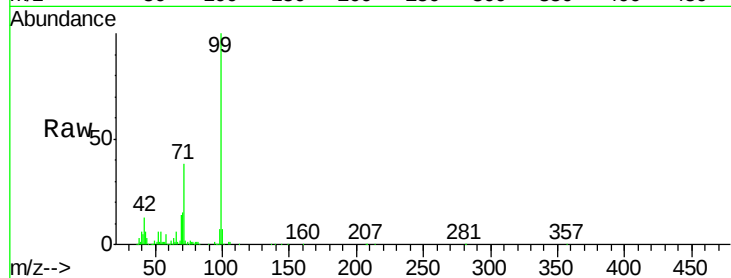
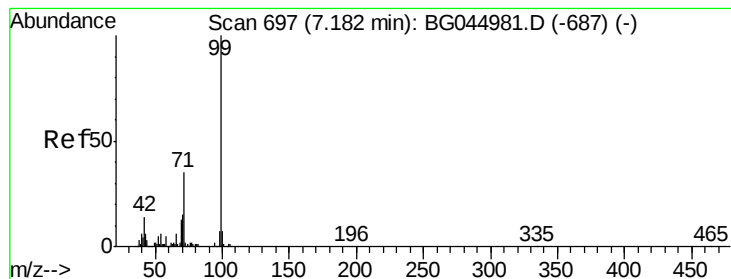
Delta R.T. 0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	145325		
66	34.6		29.8	44.8
65	16.9		14.6	22.0





#7

Phenol-d6

Concen: 128.768 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		778852		
42	13.2	11.3	16.9		
71	38.1	28.3	42.5		

Instrument :

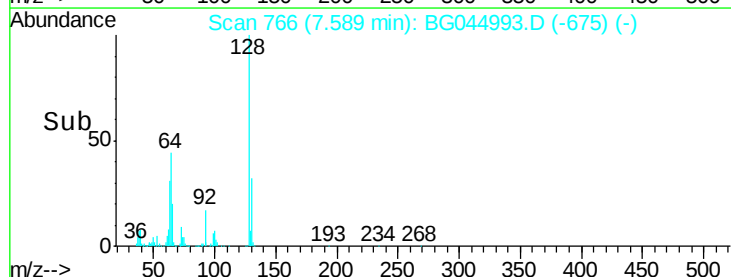
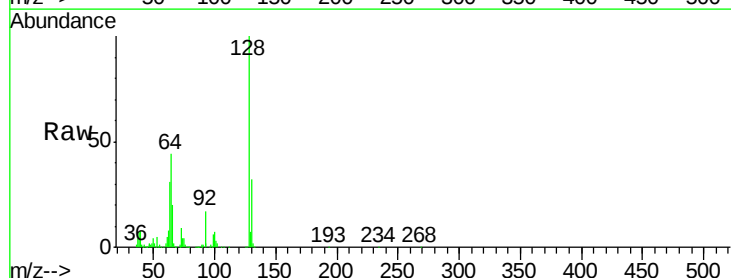
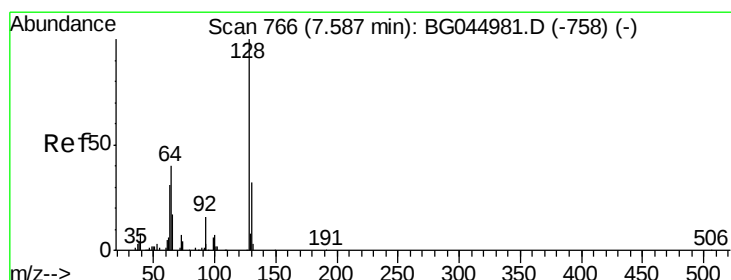
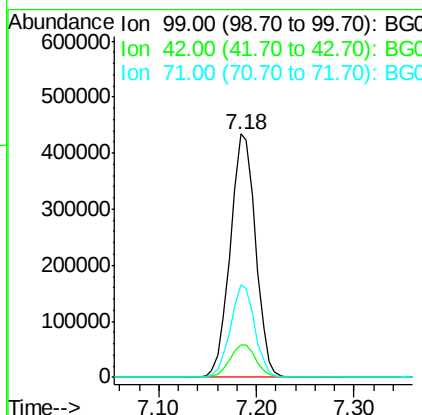
BNA_G

ClientSampleId :

TR-04-041420MS

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#8

2-Chlorophenol

Concen: 56.374 ng

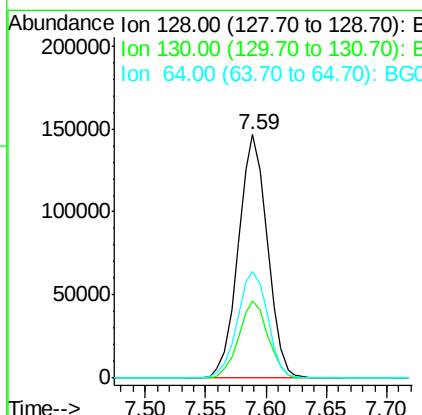
RT: 7.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		246649		
130	31.7	12.3	52.3		
64	43.6	24.4	64.4		





#9

Benzaldehyde

Concen: 26.730 ng

RT: 7.15 min Scan# 692

Delta R.T. 0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Instrument :

BNA_G

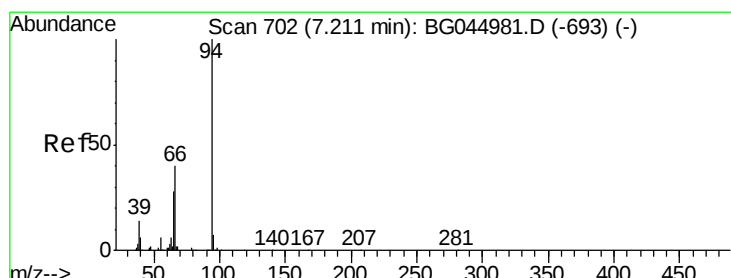
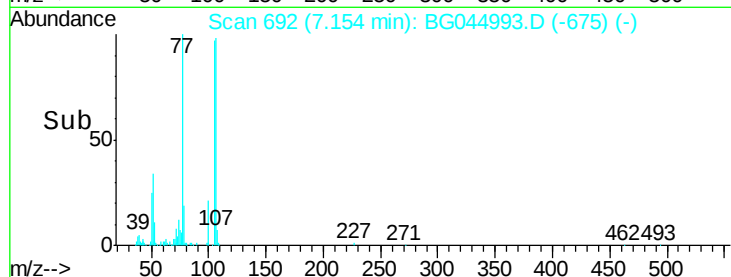
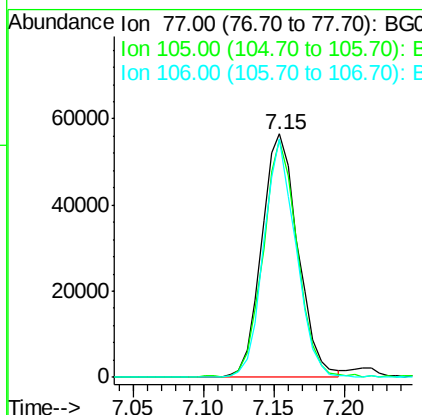
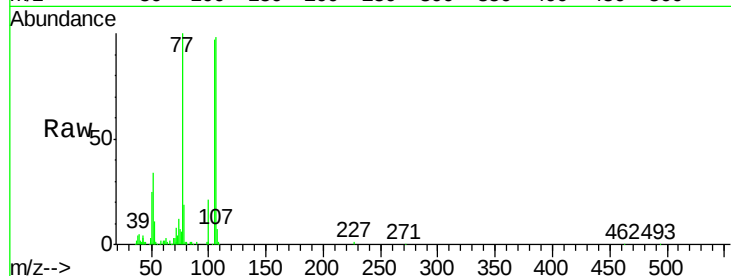
ClientSampleId :

TR-04-041420MS

Tot Ion:	77	Resp:	101984
Ion	Ratio	Lower	Upper
77	100		
105	97.3	72.9	112.9
106	97.8	67.6	107.6

Manual Integrations
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#10

Phenol

Concen: 45.697 ng

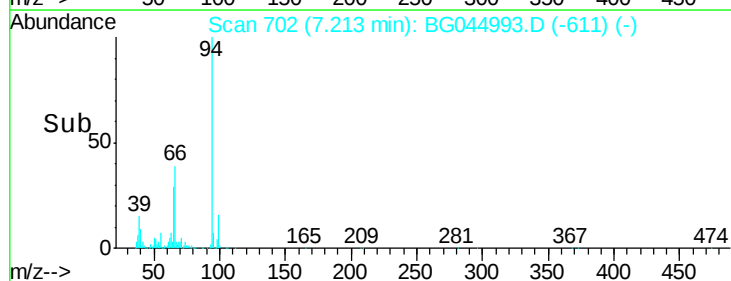
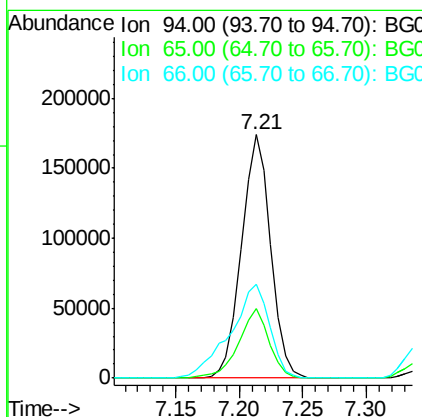
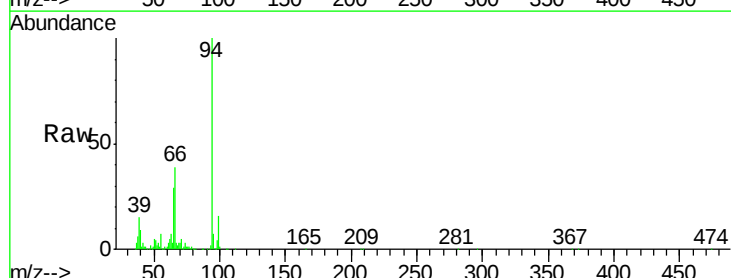
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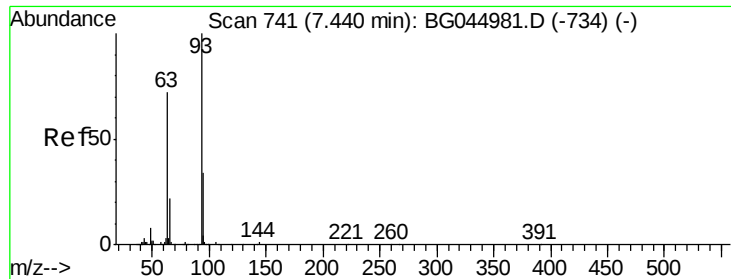
Delta R.T. 0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Tgt Ion:	94	Resp:	276586
Ion	Ratio	Lower	Upper
94	100		
65	28.7	8.2	48.2
66	38.6	20.4	60.4





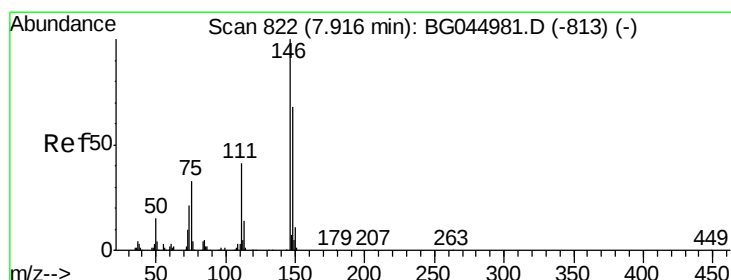
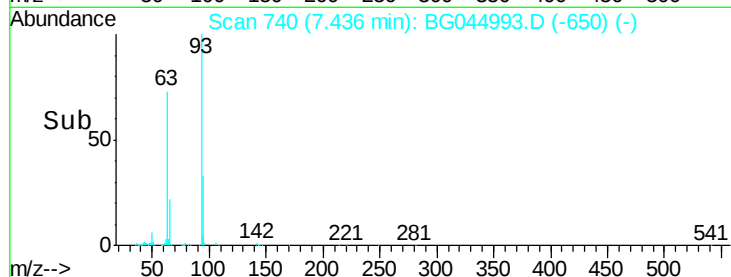
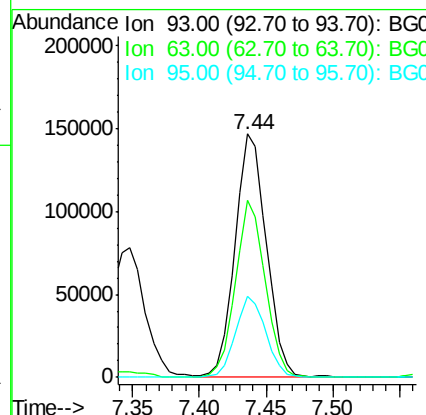
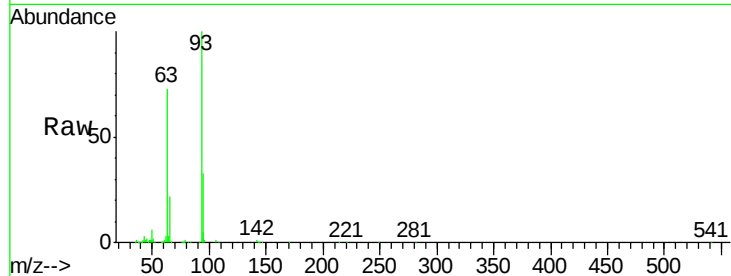
#11
bis(2-Chloroethyl)ether
Concen: 49.598 ng
RT: 7.44 min Scan# 740
Delta R.T. -0.00 min
Lab File: BG044993.D
Acq: 15 Apr 2020 22:16

Instrument :
BNA_G
ClientSampleId :
TR-04-041420MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		239012		
63	72.7	51.8	91.8		
95	33.3	13.8	53.8		

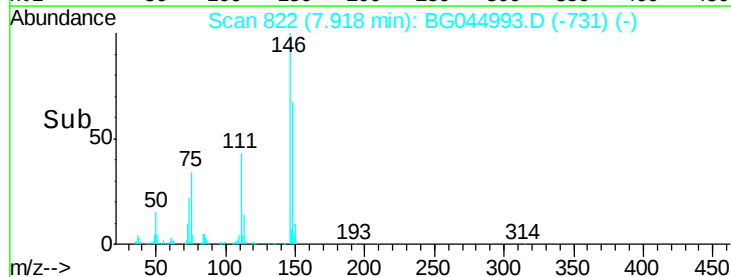
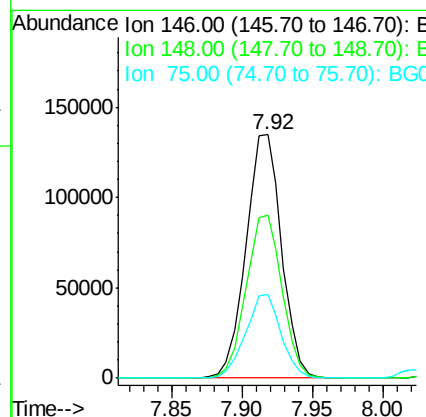
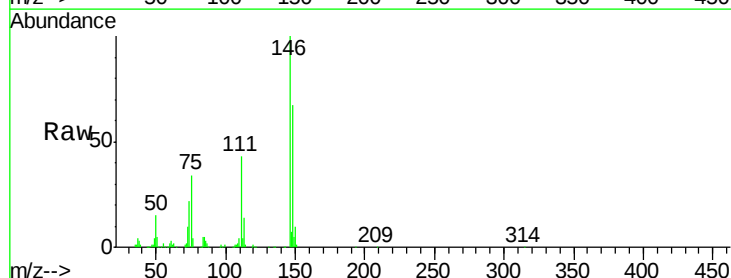
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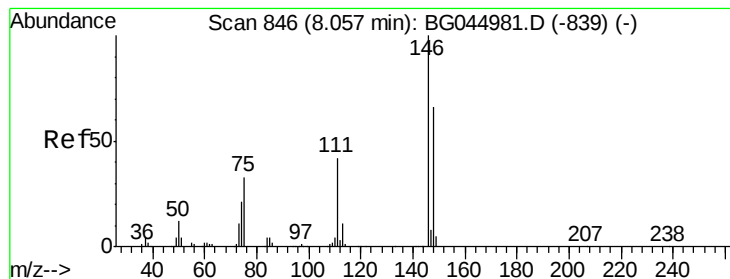
mohammad
4/16/2020 12:55:00 PM



#12
1,3-Dichlorobenzene
Concen: 46.078 ng
RT: 7.92 min Scan# 822
Delta R.T. 0.00 min
Lab File: BG044993.D
Acq: 15 Apr 2020 22:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		237560		
148	66.9	54.6	81.8		
75	34.3	26.0	39.0		





#13

1,4-Dichlorobenzene

Concen: 46.935 ng

RT: 8.06 min Scan# 846

Delta R.T. 0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Instrument :

BNA_G

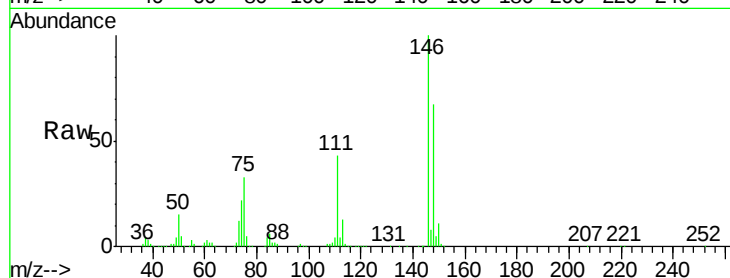
ClientSampleId :

TR-04-041420MS

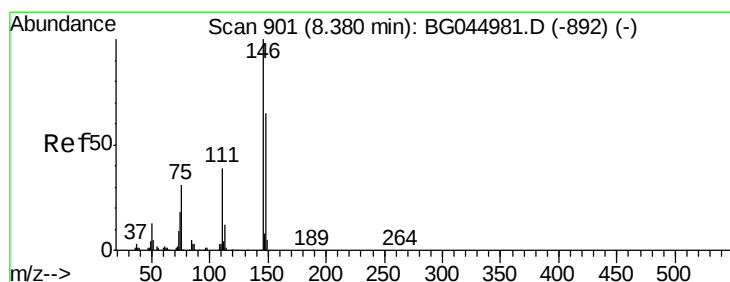
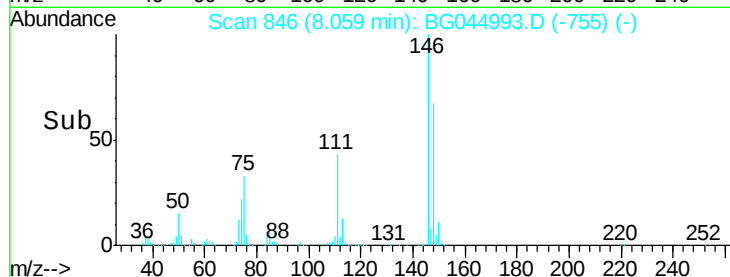
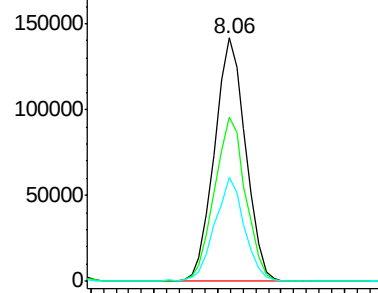
Tot Ion:	146	Resp:	241117
Ion Ratio	Lower	Upper	
146	100		
148	67.3	53.3	79.9
111	42.8	33.8	50.8

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 46.848 ng

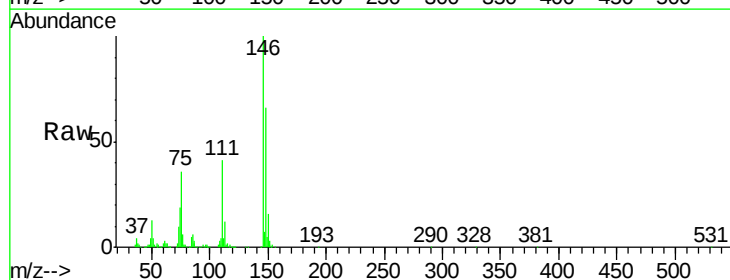
RT: 8.38 min Scan# 901

Delta R.T. 0.00 min

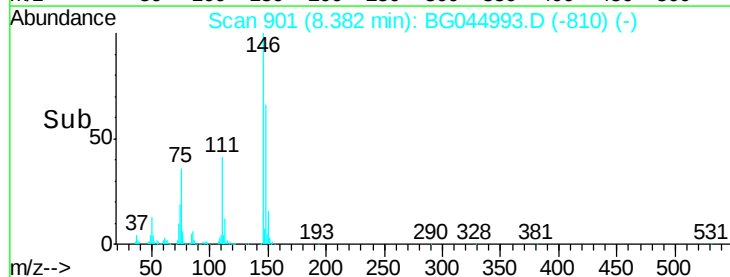
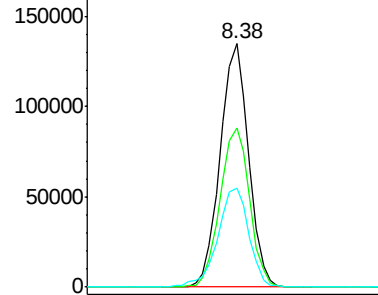
Lab File: BG044993.D

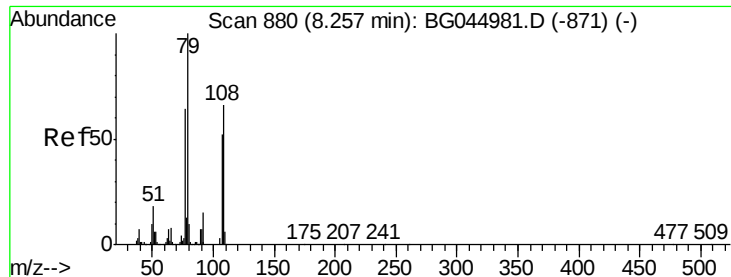
Acq: 15 Apr 2020 22:16

Tgt Ion:	146	Resp:	230246
Ion Ratio	Lower	Upper	
146	100		
148	65.5	51.9	77.9
111	40.9	31.3	46.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 51.264 ng

RT: 8.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Instrument :

BNA_G

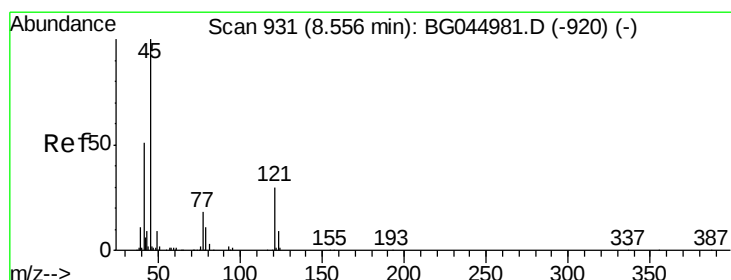
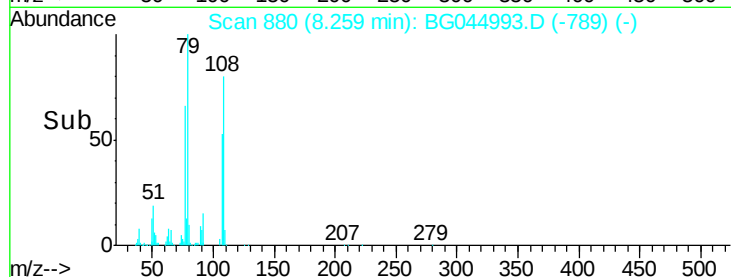
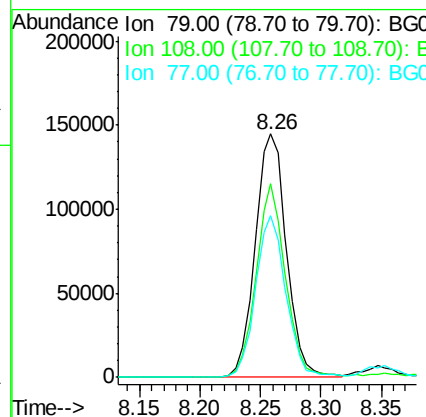
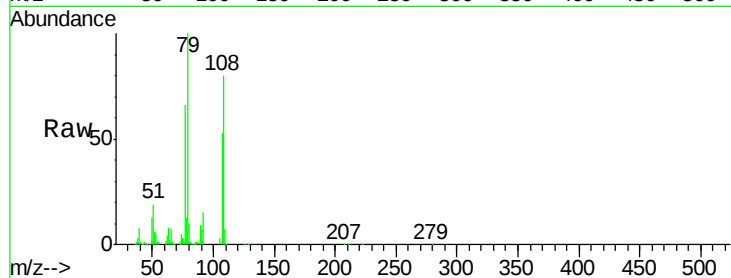
ClientSampleId :

TR-04-041420MS

Tot Ion:	79	Resp:	259967
Ion Ratio	Lower	Upper	
79	100		
108	79.5	52.7	79.1#
77	66.5	51.3	76.9

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#16

2,2'-oxybis(1-chloropropane)

Concen: 47.768 ng

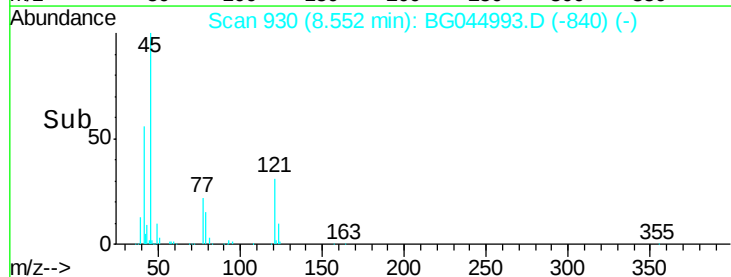
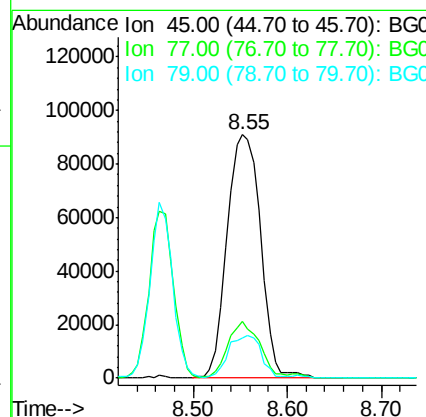
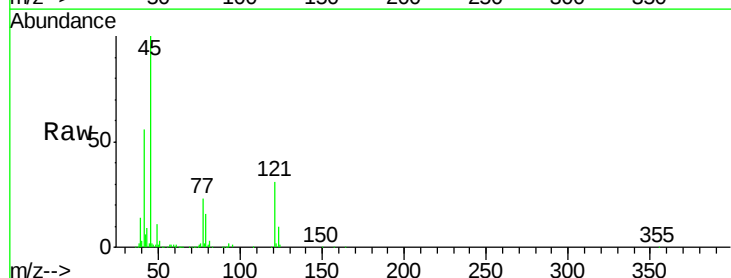
RT: 8.55 min Scan# 930

Delta R.T. -0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Tgt Ion:	45	Resp:	225962
Ion Ratio	Lower	Upper	
45	100		
77	23.2	1.9	41.9
79	16.3	0.0	35.5





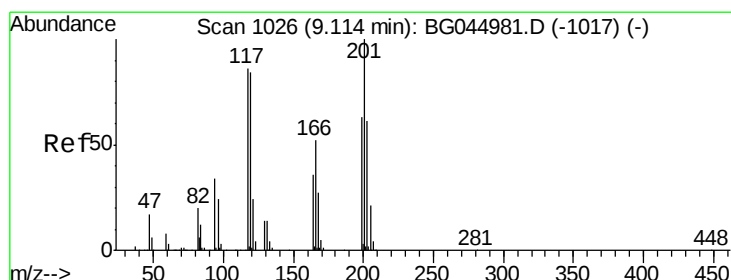
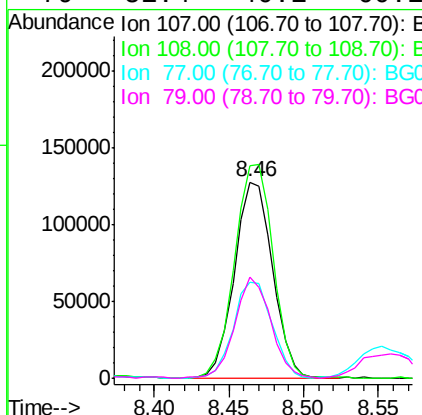
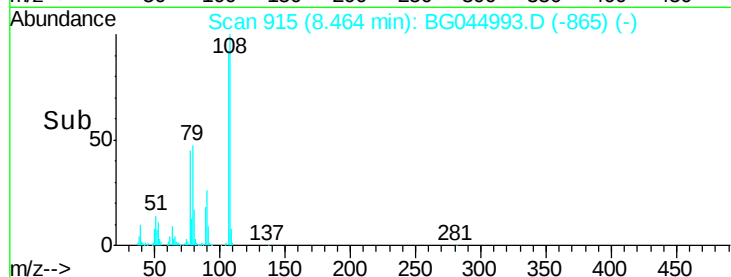
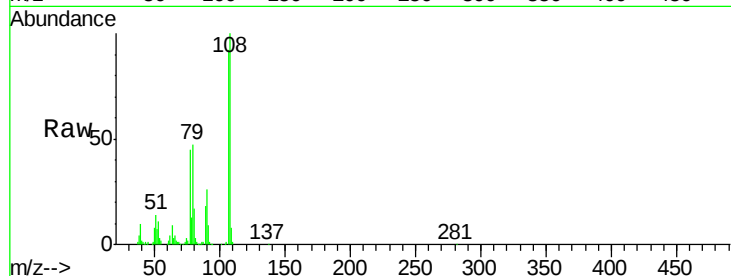
#17
2-Methylphenol
Concen: 48.643 ng
RT: 8.46 min Scan# 915
Delta R.T. -0.00 min
Lab File: BG044993.D
Acq: 15 Apr 2020 22:16

Instrument :
BNA_G
ClientSampleId :
TR-04-041420MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.7	93.8	140.6	
77	48.8	38.5	57.7	
79	51.4	40.1	60.1	

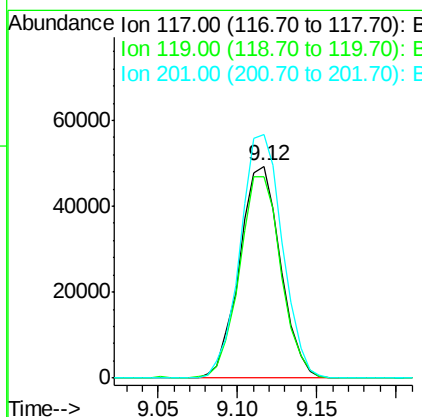
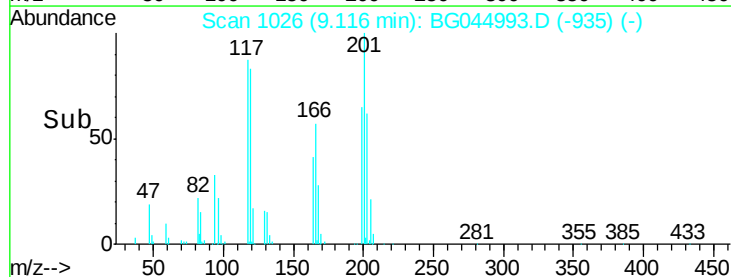
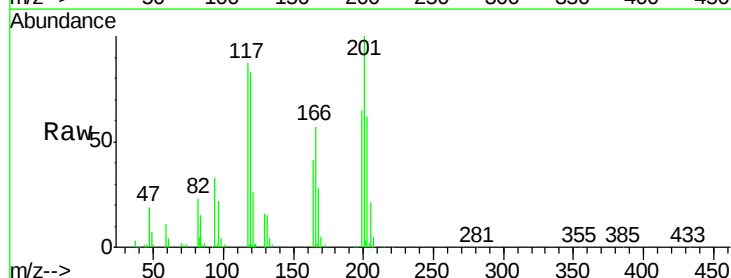
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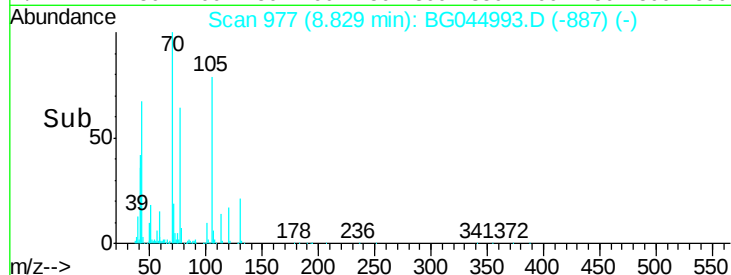
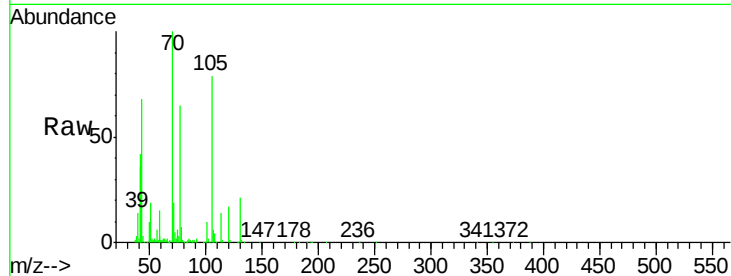
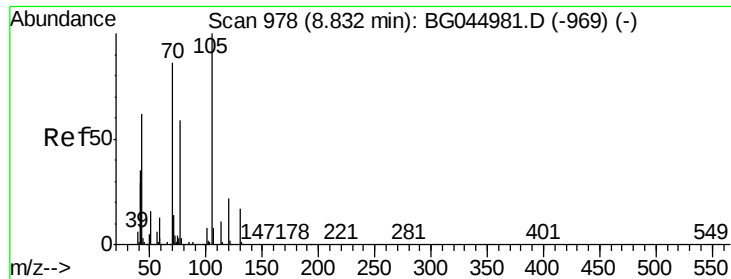
mohammad
4/16/2020 12:55:00 PM



#18
Hexachloroethane
Concen: 45.883 ng
RT: 9.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BG044993.D
Acq: 15 Apr 2020 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.2	78.3	117.5	
201	114.9	92.9	139.3	





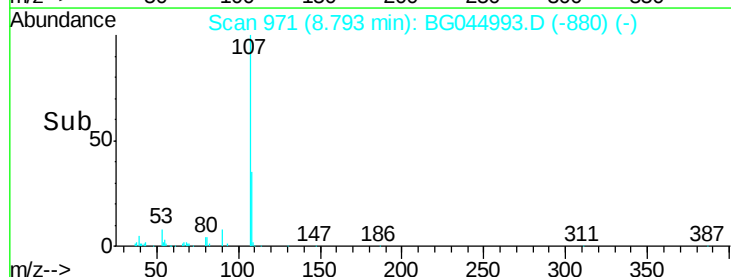
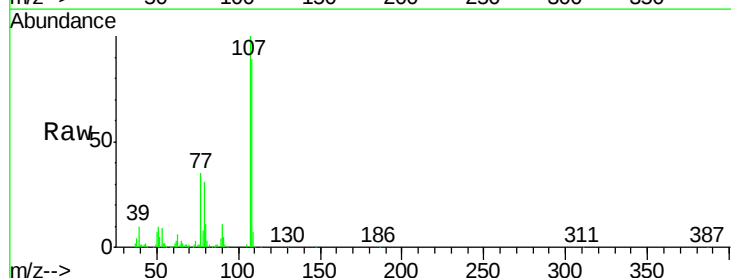
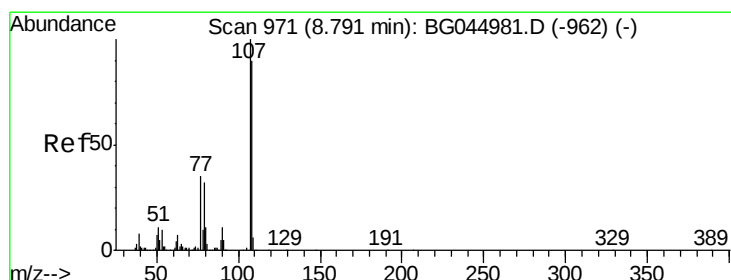
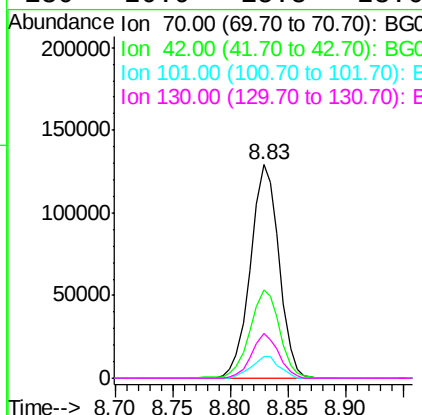
#19
n-Nitroso-di-n-propylamine
Concen: 52.001 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG044993.D
Acq: 15 Apr 2020 22:16

Instrument :
BNA_G
ClientSampleId :
TR-04-041420MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	41.5	33.3	49.9		
101	10.3	7.8	11.8		
130	20.9	15.8	23.6		

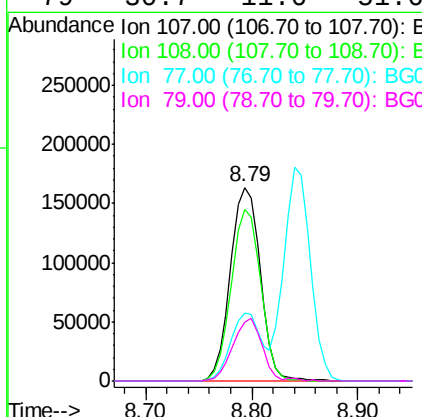
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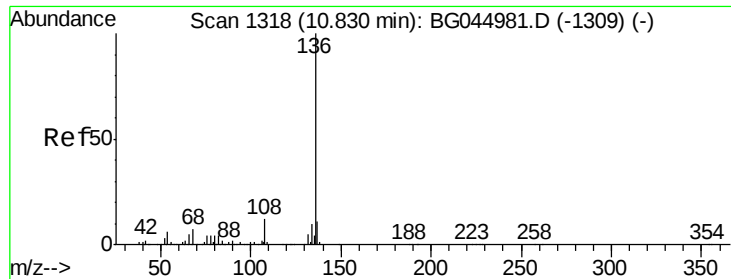
mohammad
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#20
3+4-Methylphenols
Concen: 49.007 ng
RT: 8.79 min Scan# 971
Delta R.T. 0.00 min
Lab File: BG044993.D
Acq: 15 Apr 2020 22:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.7	69.9	109.9		
77	34.9	15.2	55.2		
79	30.7	11.6	51.6		





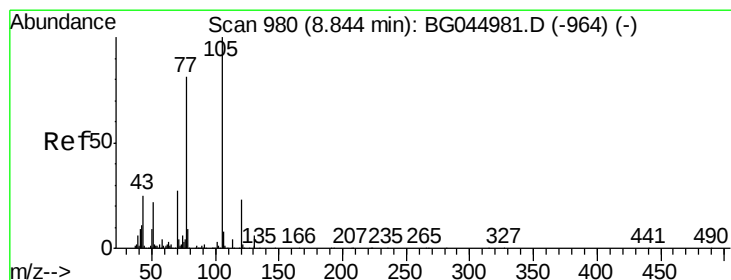
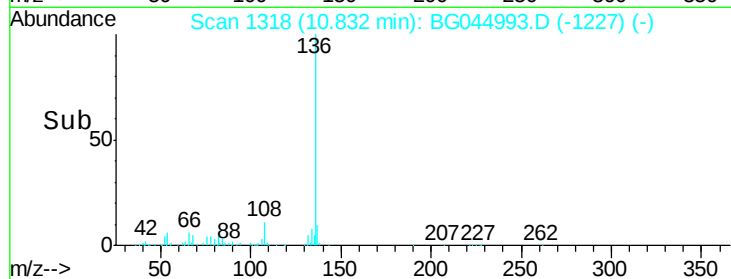
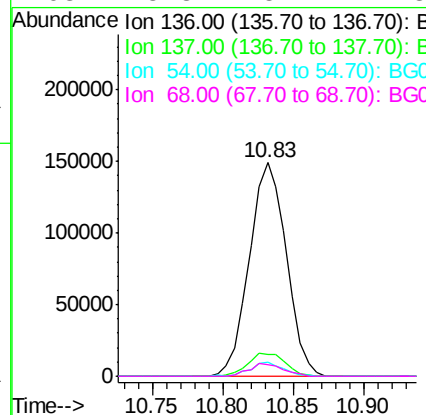
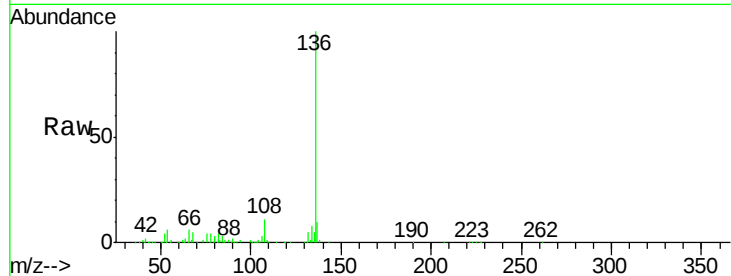
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG044993.D
Acq: 15 Apr 2020 22:16

Instrument :
BNA_G
ClientSampleId :
TR-04-041420MS

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.6	13.0
54	6.4	4.8	7.2
68	5.3	5.2	7.8

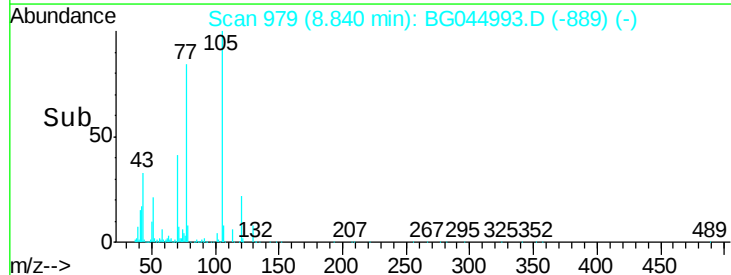
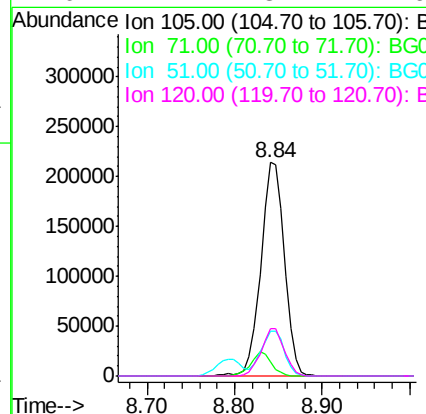
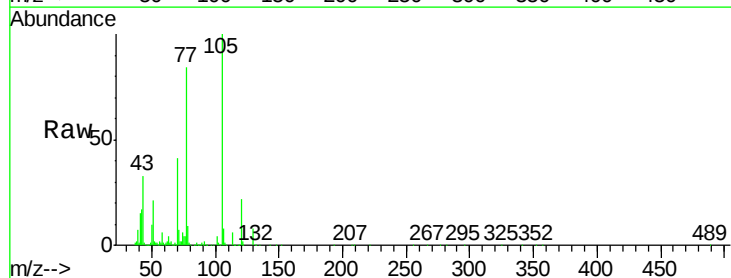
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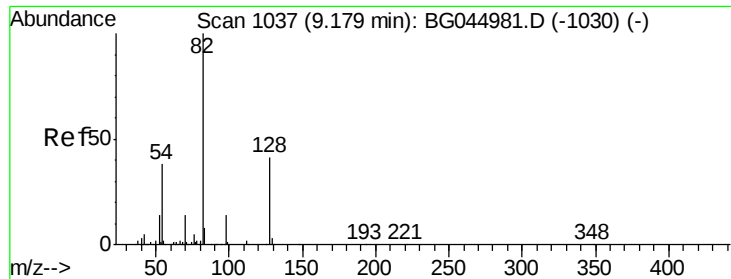
mohammad
4/16/2020 12:55:00 PM



#22
Acetophenone
Concen: 53.413 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.00 min
Lab File: BG044993.D
Acq: 15 Apr 2020 22:16

Tgt Ion	Ratio	Lower	Upper
105	100		
71	6.7	3.3	4.9#
51	20.9	17.3	25.9
120	22.2	18.4	27.6





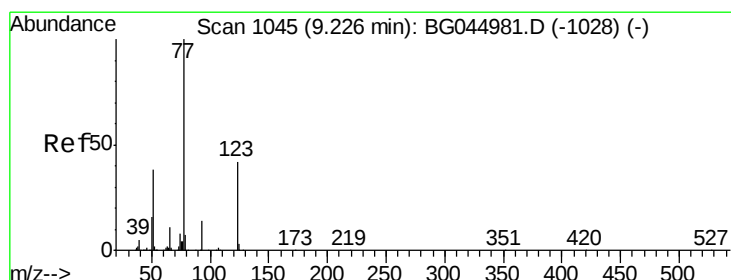
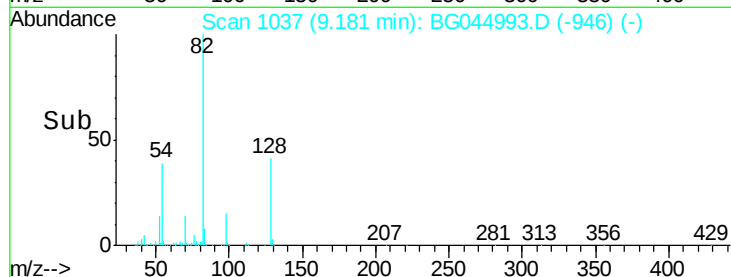
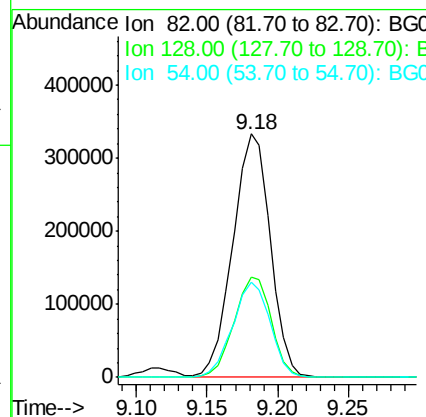
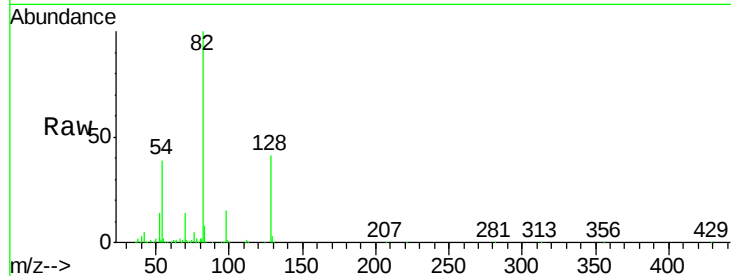
#23
 Nitrobenzene-d5
 Concen: 102.819 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BG044993.D
 Acq: 15 Apr 2020 22:16

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-041420MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.4	33.0	49.4
54	38.8	30.4	45.6

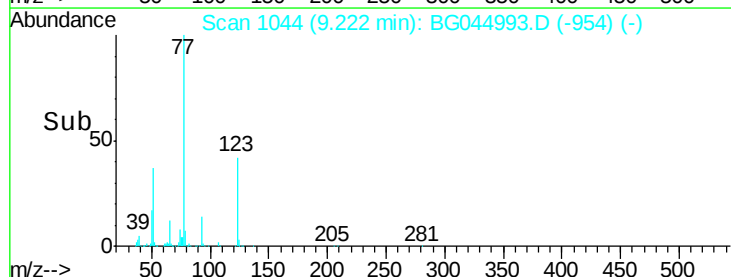
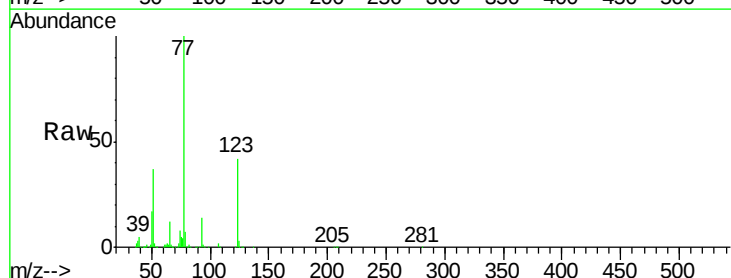
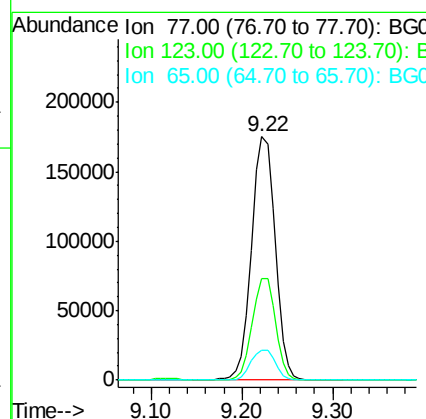
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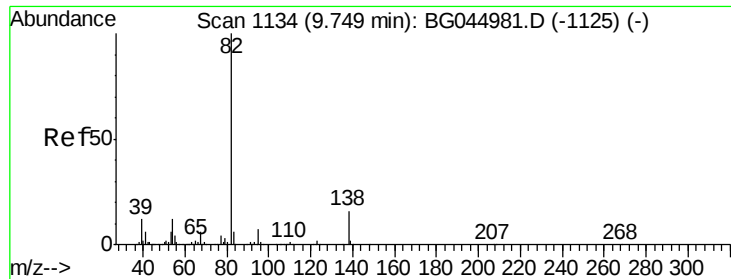
mohammad
 4/16/2020 12:55:00 PM



#24
 Nitrobenzene
 Concen: 51.852 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BG044993.D
 Acq: 15 Apr 2020 22:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.8	34.3	51.5
65	12.4	8.9	13.3





#25

Isophorone

Concen: 52.102 ng

RT: 9.75 min Scan# 1134

Delta R.T. 0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Instrument :

BNA_G

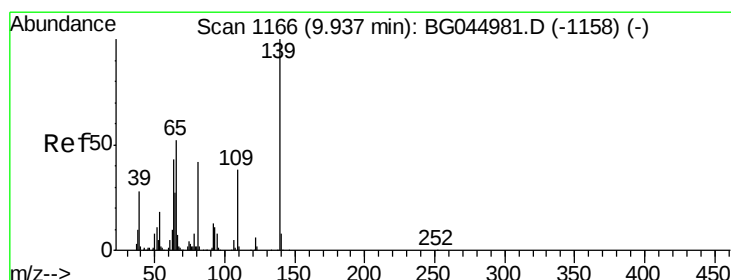
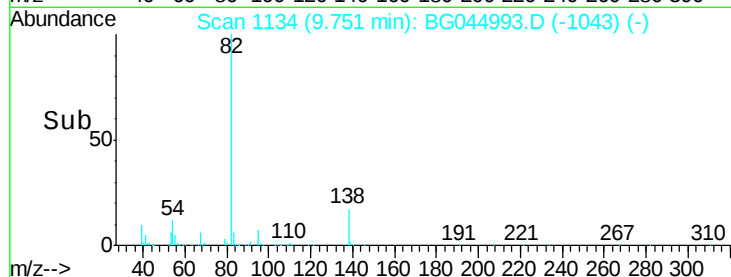
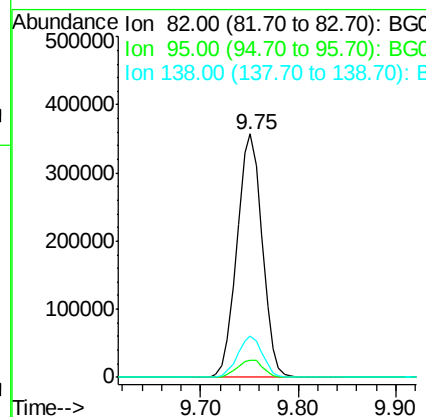
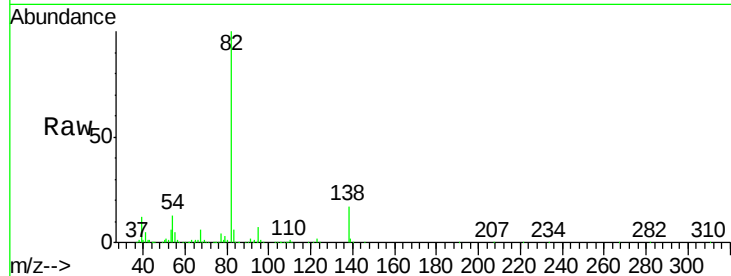
ClientSampleId :

TR-04-041420MS

Tot Ion:	82	Resp:	638966
Ion Ratio		Lower	Upper
82	100		
95	7.1	6.0	9.0
138	17.2	12.7	19.1

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#26

2-Nitrophenol

Concen: 55.115 ng

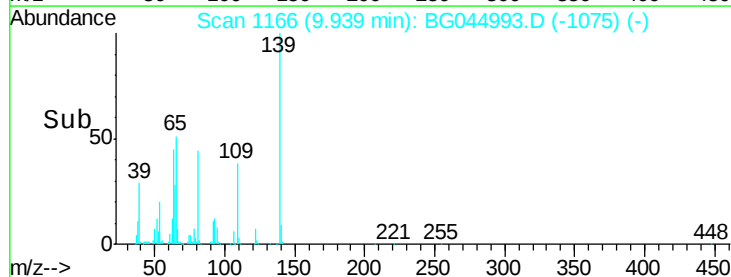
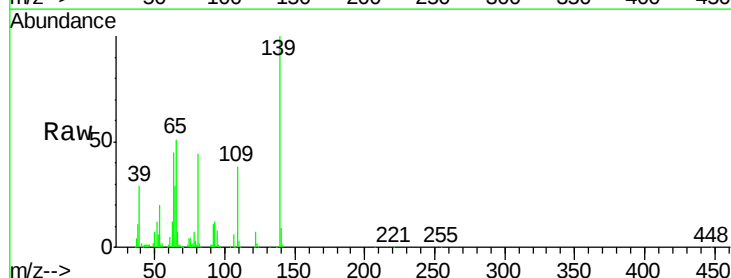
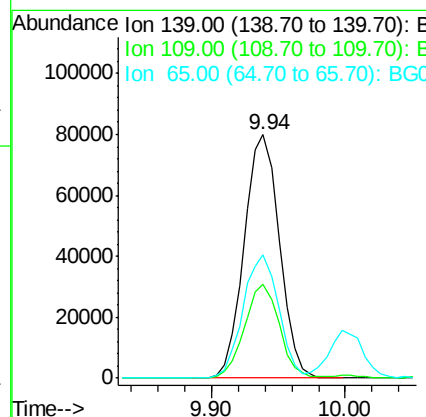
RT: 9.94 min Scan# 1166

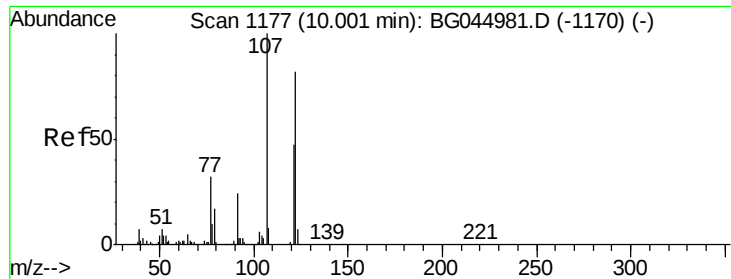
Delta R.T. 0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Tgt Ion:	139	Resp:	145731
Ion Ratio		Lower	Upper
139	100		
109	38.4	30.6	45.8
65	50.5	41.8	62.6





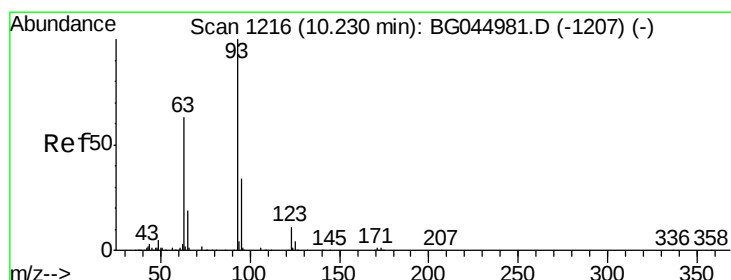
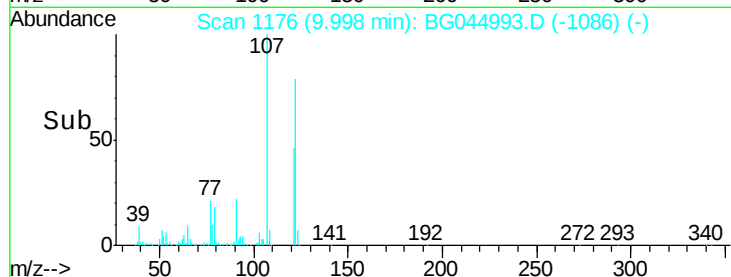
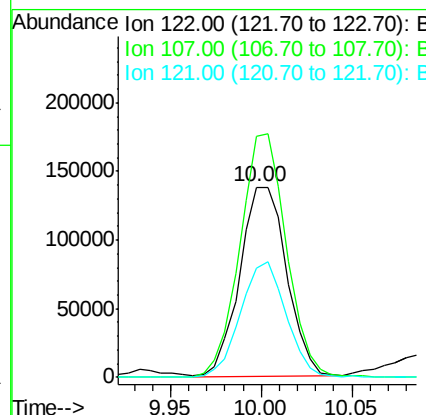
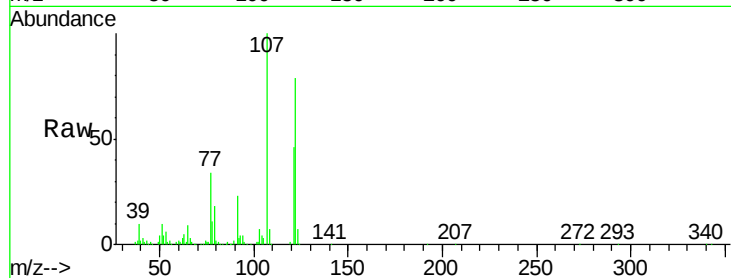
#27
2,4-Dimethylphenol
Concen: 59.403 ng
RT: 10.00 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BG044993.D
Acq: 15 Apr 2020 22:16

Instrument :
BNA_G
ClientSampleId :
TR-04-041420MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	249221		
107	126.3	96.8	145.2	
121	57.6	45.6	68.4	

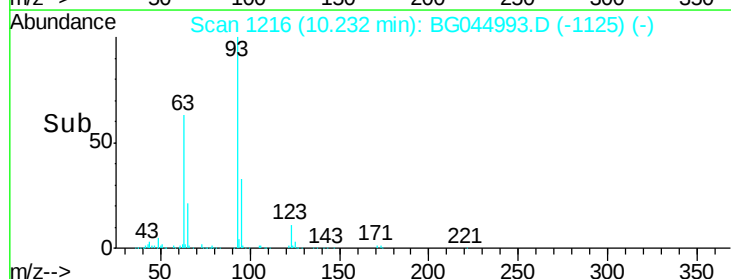
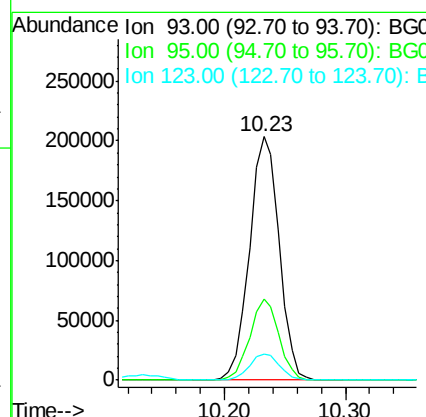
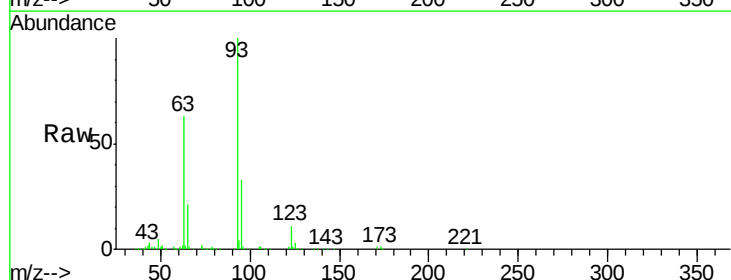
Manual Integrations
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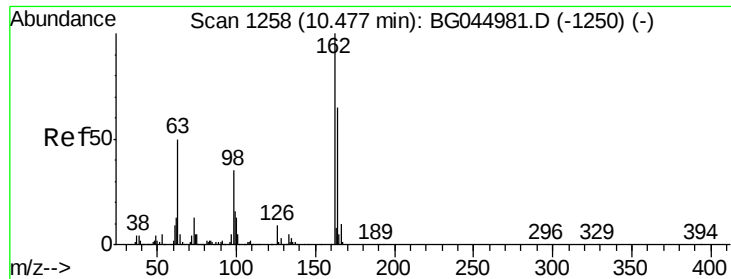
mohammad
4/16/2020 12:55:00 PM



#28
bis(2-Chloroethoxy)methane
Concen: 54.124 ng
RT: 10.23 min Scan# 1216
Delta R.T. 0.00 min
Lab File: BG044993.D
Acq: 15 Apr 2020 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	348749		
95	33.1	27.0	40.4	
123	10.7	8.7	13.1	





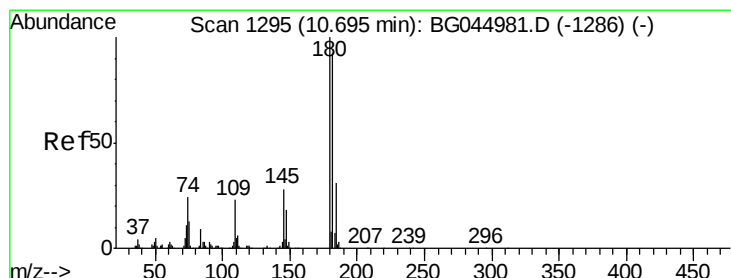
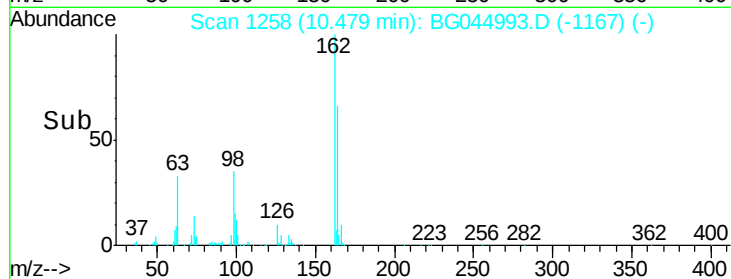
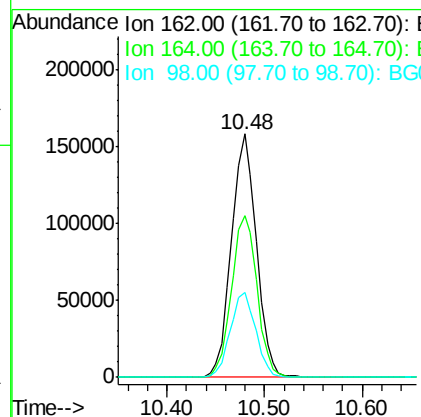
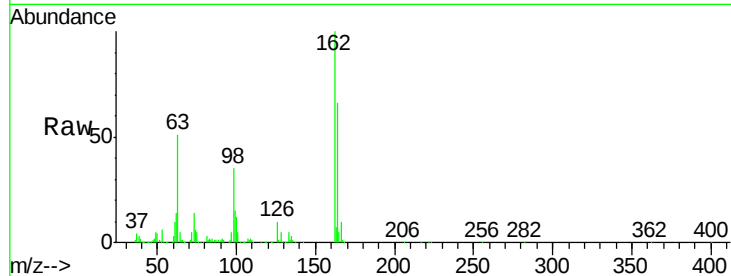
#29
 2,4-Dichlorophenol
 Concen: 58.232 ng
 RT: 10.48 min Scan# 1258
 Delta R.T. 0.00 min
 Lab File: BG044993.D
 Acq: 15 Apr 2020 22:16

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-041420MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		282101		
164	66.4	45.0	85.0		
98	34.8	15.2	55.2		

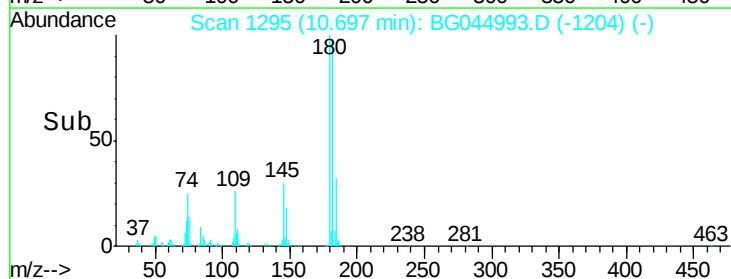
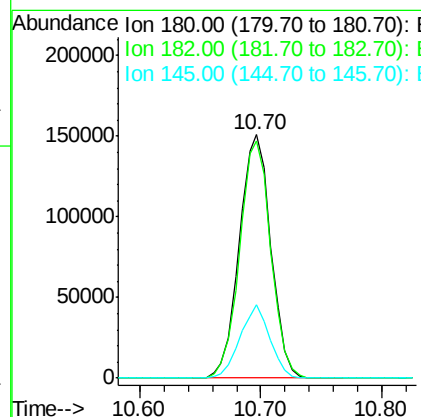
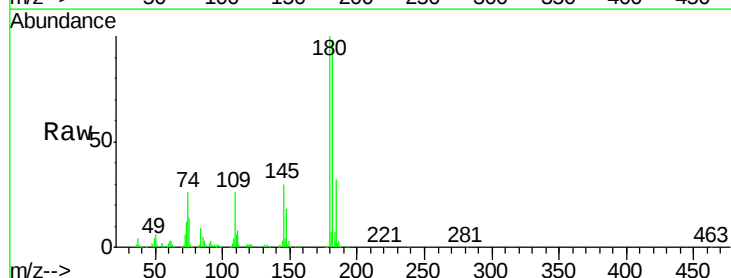
Manual Integrations
 APPROVED

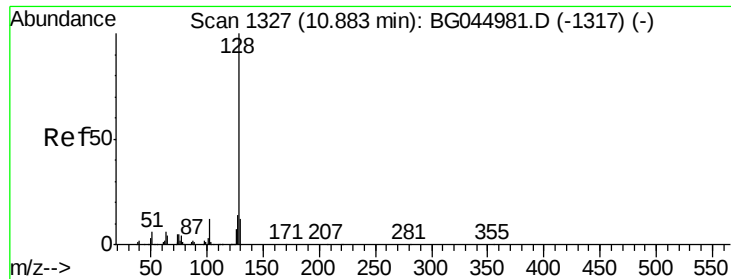
mohammad
 4/16/2020 12:55:00 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 49.912 ng
 RT: 10.70 min Scan# 1295
 Delta R.T. 0.00 min
 Lab File: BG044993.D
 Acq: 15 Apr 2020 22:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		273764		
182	97.5	73.3	109.9		
145	30.3	22.6	33.8		





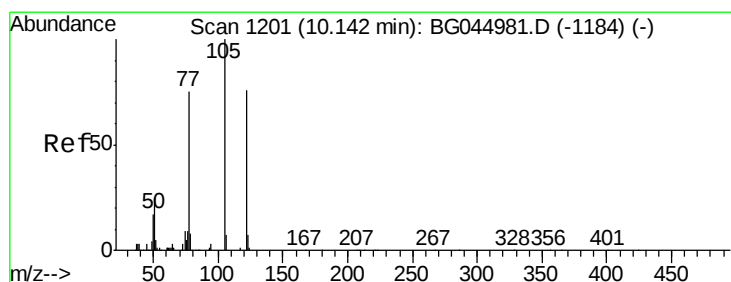
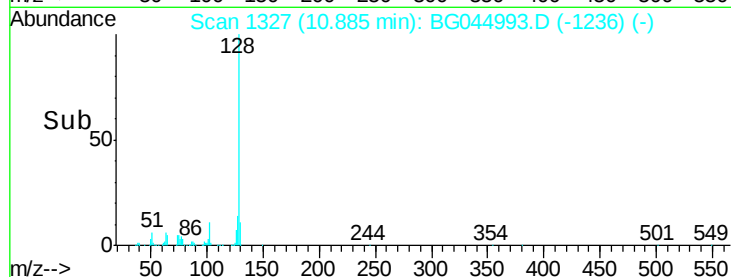
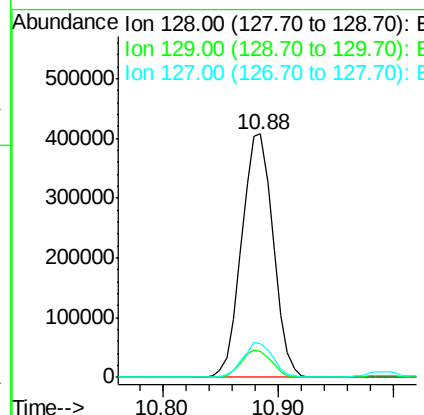
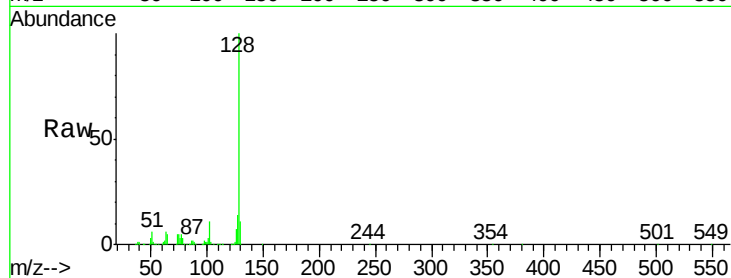
#31
Naphthalene
Concen: 51.571 ng
RT: 10.88 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG044993.D
Acq: 15 Apr 2020 22:16

Instrument :
BNA_G
ClientSampleId :
TR-04-041420MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	770882		
129	10.9		9.4	14.2
127	14.0		10.8	16.2

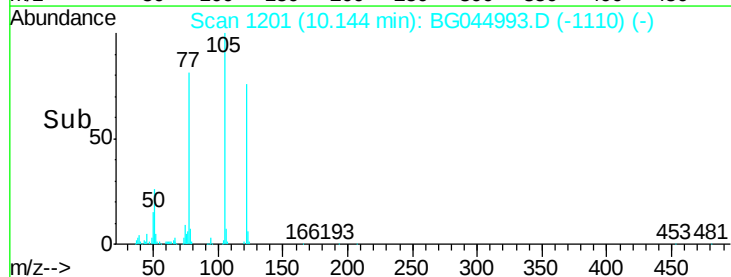
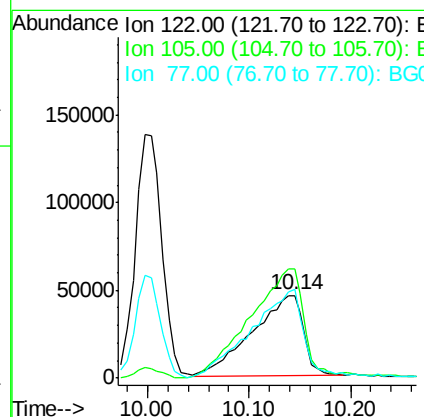
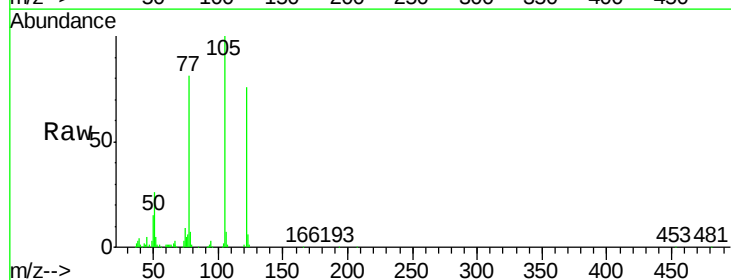
Manual Integrations
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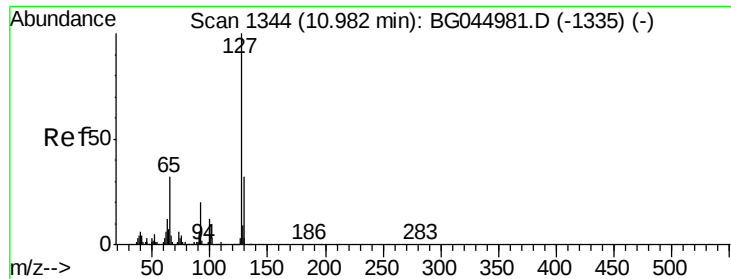
mohammad
4/16/2020 12:55:00 PM



#32
Benzoic acid
Concen: 47.837 ng
RT: 10.14 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BG044993.D
Acq: 15 Apr 2020 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	162046		
105	131.9		108.4	148.4
77	106.6		78.8	118.8





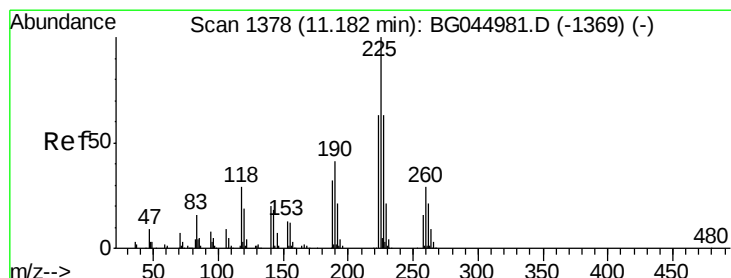
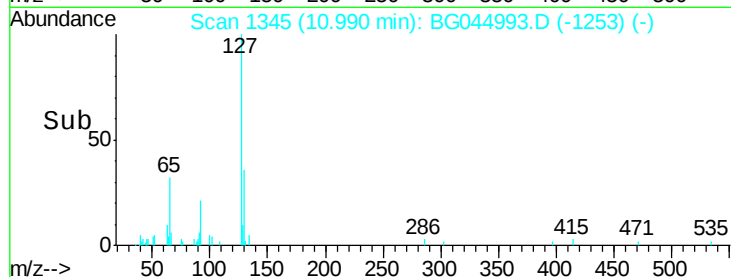
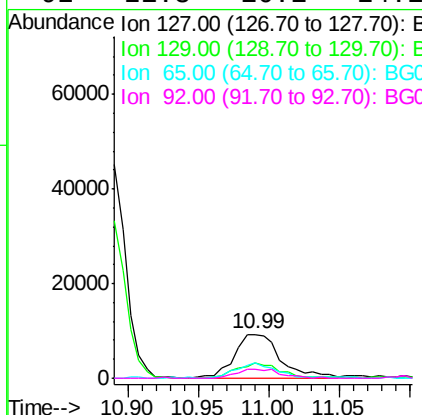
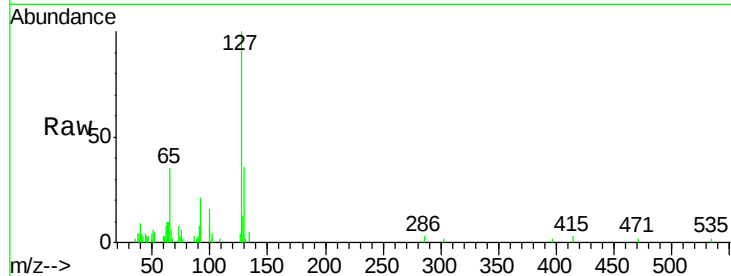
#33
4-Chloroaniline
Concen: 3.039 ng
RT: 10.99 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BG044993.D
Acq: 15 Apr 2020 22:16

Instrument :
BNA_G
ClientSampleId :
TR-04-041420MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	35.6	25.7	38.5
65	34.5	25.4	38.2
92	21.3	16.1	24.1

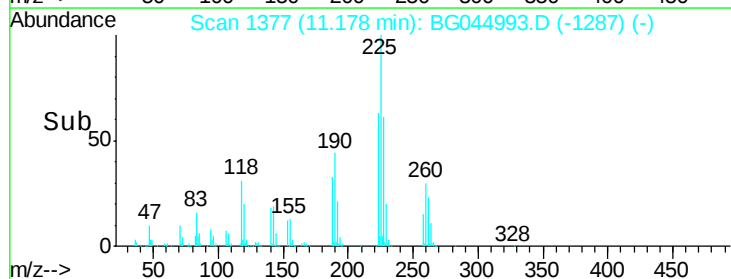
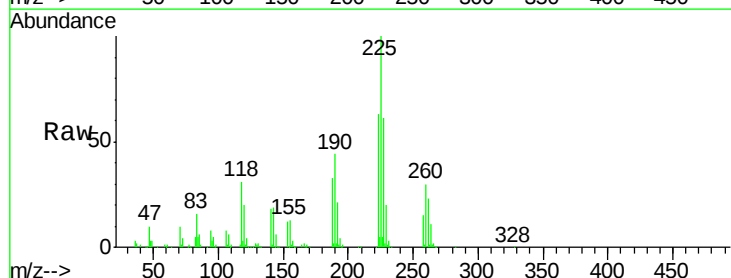
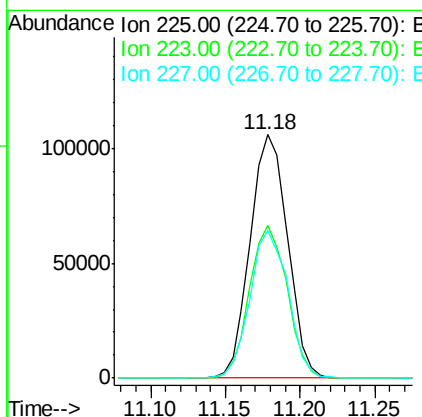
Manual Integrations
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#34
Hexachlorobutadiene
Concen: 48.898 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BG044993.D
Acq: 15 Apr 2020 22:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.7	76.1
227	60.5	50.2	75.2





#35

Caprolactam

Concen: 45.653 ng/ml

RT: 11.75 min Scan# 1474

Delta R.T. 0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Instrument :

BNA_G

ClientSampleId :

TR-04-041420MS

Tot Ion:113 Resp: 88021

Ion Ratio Lower Upper

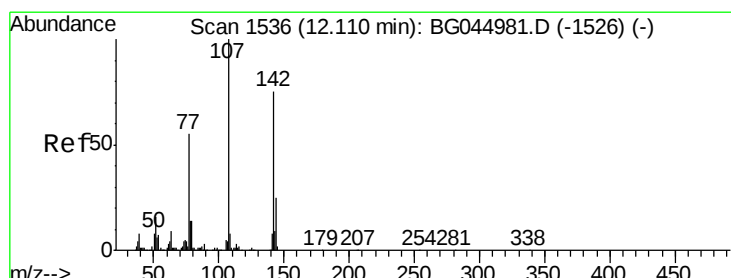
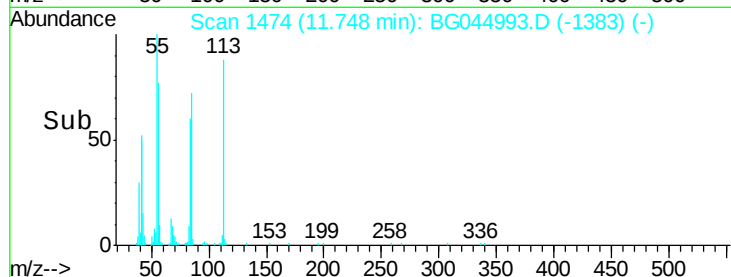
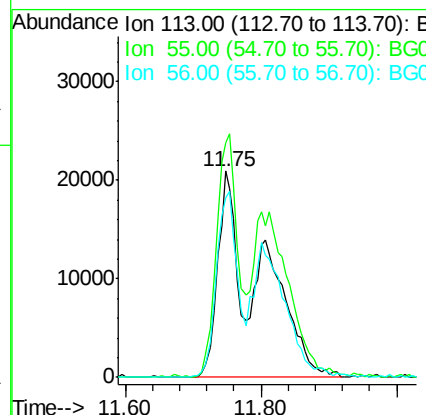
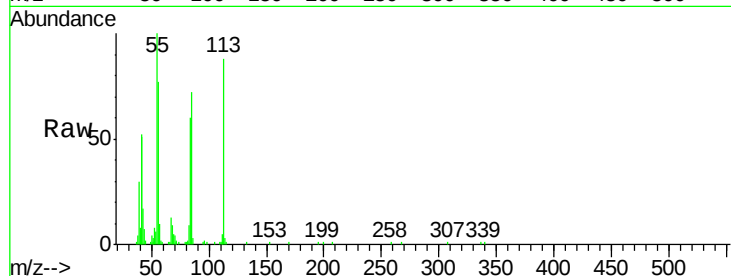
113 100

55 114.1 118.8 158.8#

56 87.4 82.6 122.6

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 59.356 ng/ml

RT: 12.11 min Scan# 1536

Delta R.T. 0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

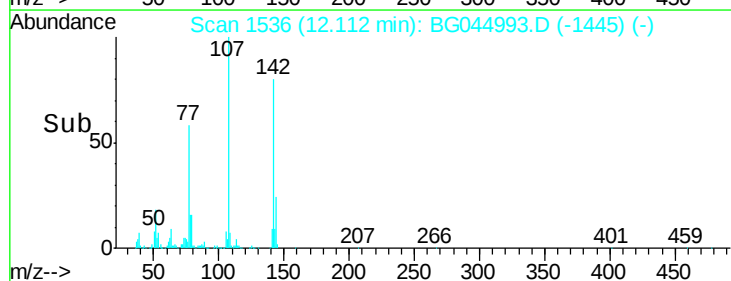
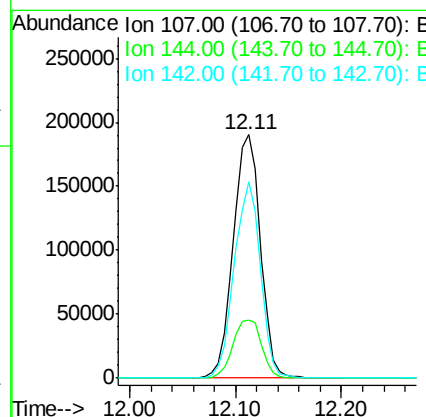
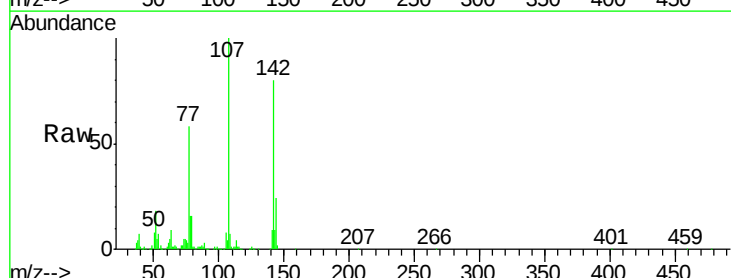
Tgt Ion:107 Resp: 337795

Ion Ratio Lower Upper

107 100

144 23.8 19.8 29.6

142 80.5 59.7 89.5





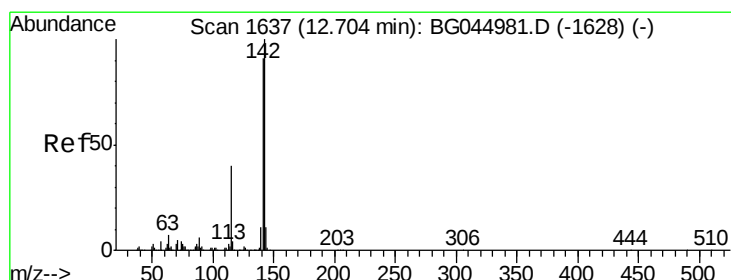
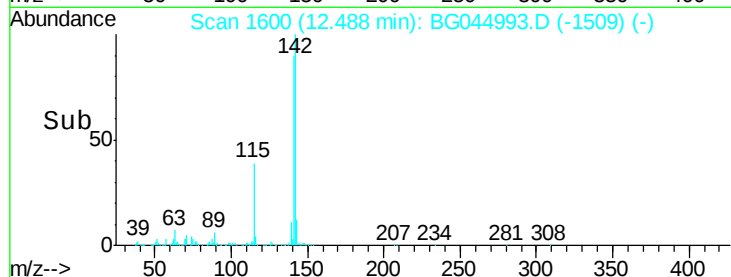
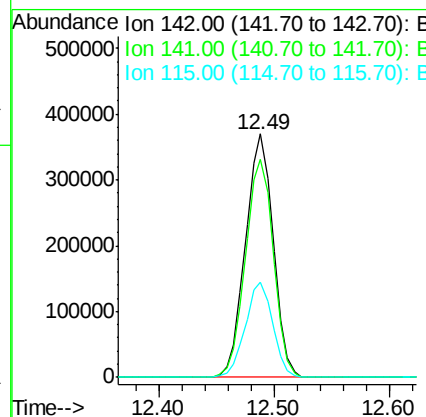
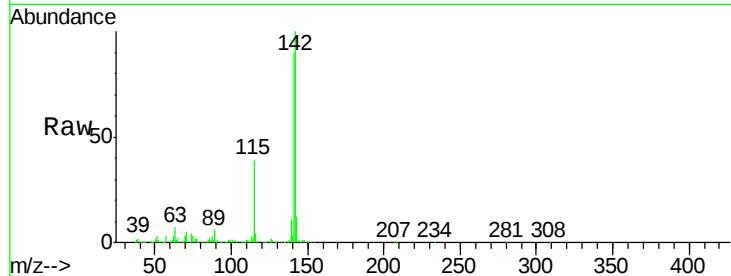
#37
2-Methylnaphthalene
Concen: 53.073 ng
RT: 12.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BG044993.D
Acq: 15 Apr 2020 22:16

Instrument :
BNA_G
ClientSampleId :
TR-04-041420MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.3	105.5
115	38.9	29.8	44.6

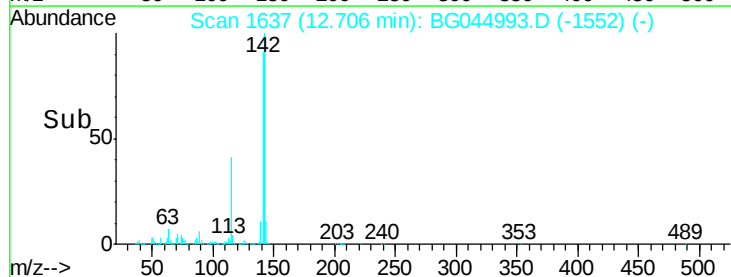
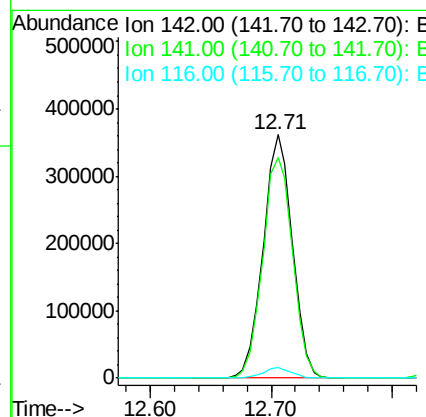
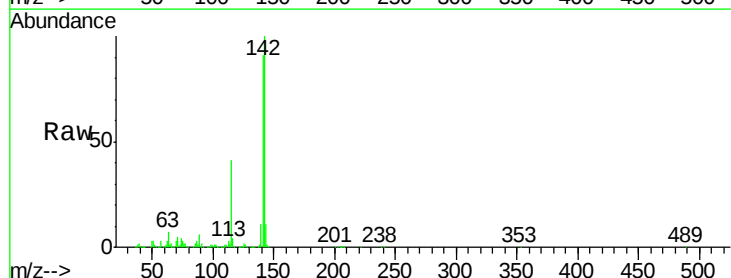
Manual Integrations
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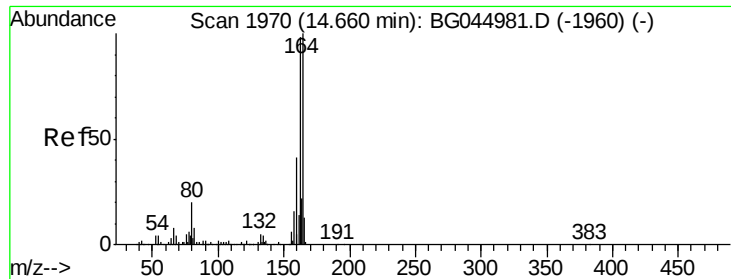
mohammad
4/16/2020 12:55:00 PM



#38
1-Methylnaphthalene
Concen: 55.143 ng
RT: 12.71 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BG044993.D
Acq: 15 Apr 2020 22:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.7	109.1
116	4.3	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Instrument :

BNA_G

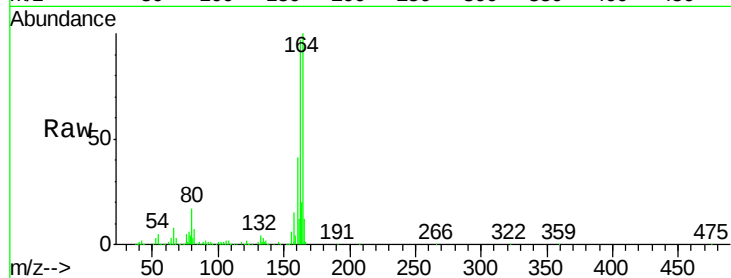
ClientSampleId :

TR-04-041420MS

Tot Ion:	164	Resp:	221786
Ion Ratio	Lower	Upper	
164	100		
162	97.5	78.7	118.1
160	41.0	32.8	49.2

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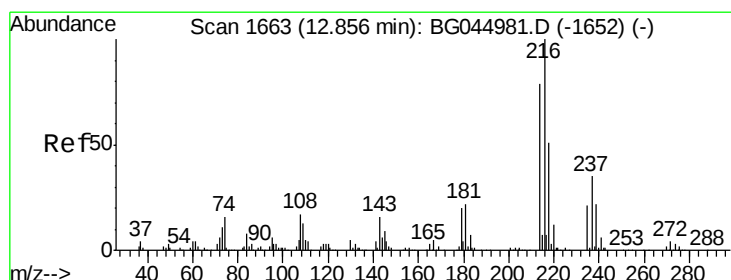
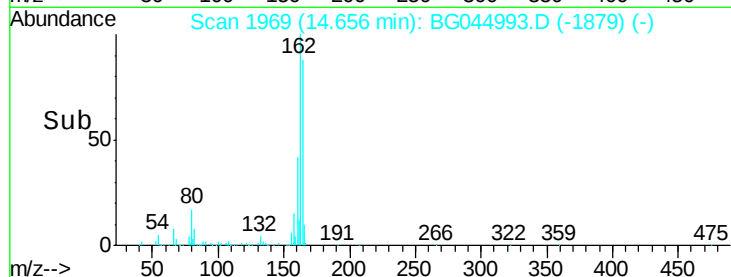
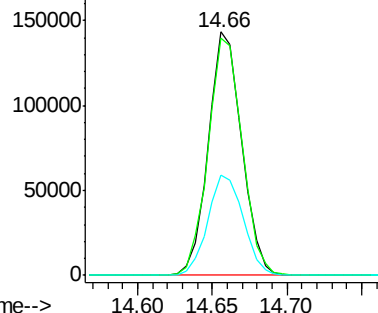


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.226 ng

RT: 12.86 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Tgt Ion:	216	Resp:	337234
Ion Ratio	Lower	Upper	
216	100		
214	78.9	63.0	94.6
179	19.8	15.8	23.8
108	19.0	14.2	21.2

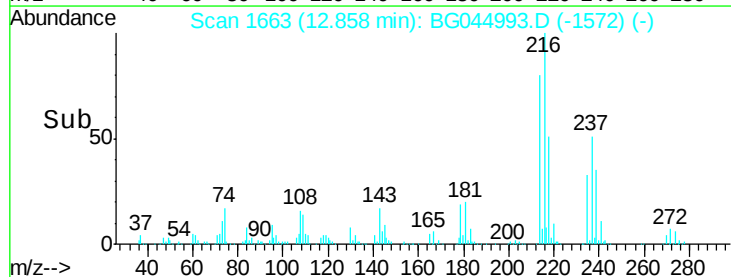
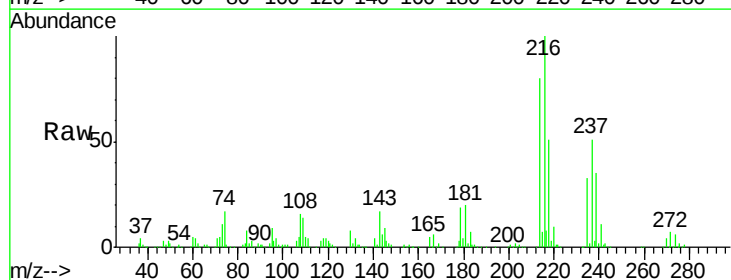
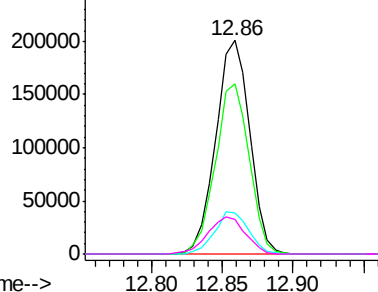
Abundance

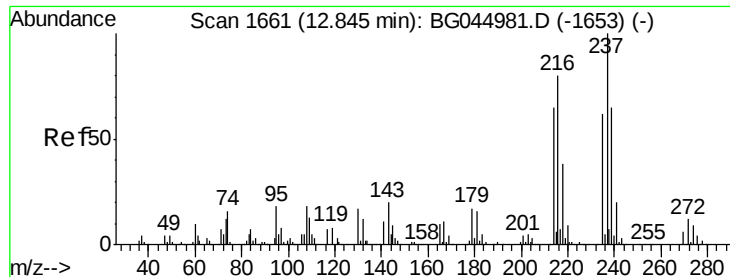
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 100.779 ng

RT: 12.85 min Scan# 1661

Delta R.T. 0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Instrument :

BNA_G

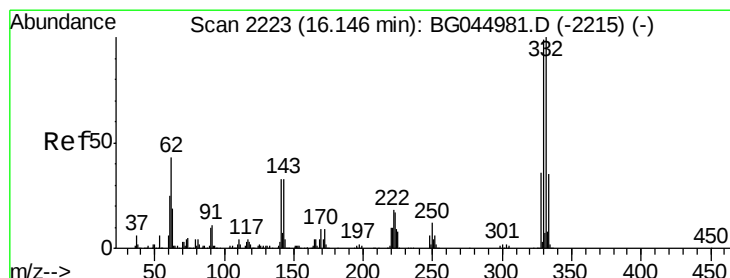
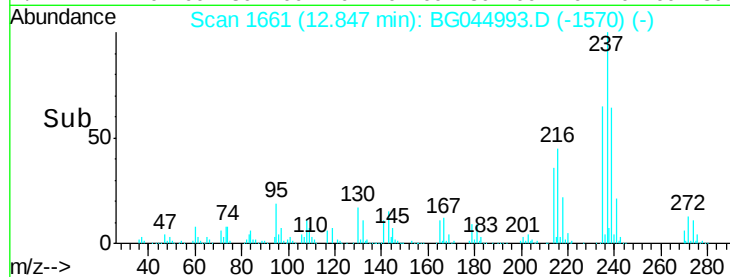
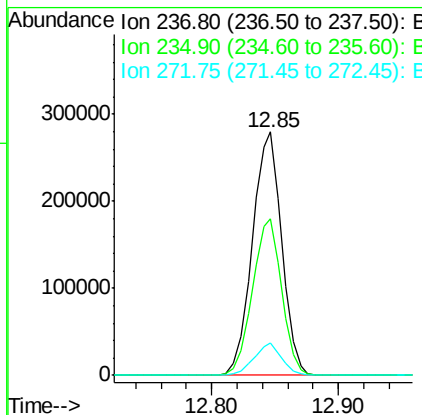
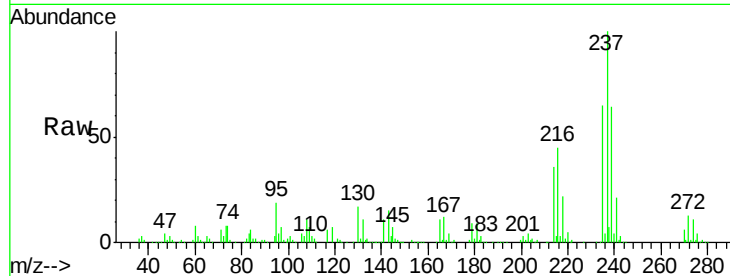
ClientSampleId :

TR-04-041420MS

Tot Ion:	237	Resp:	449795
Ion Ratio		Lower	Upper
237	100		
235	64.5	41.6	81.6
272	13.5	0.0	32.1

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 161.127 ng

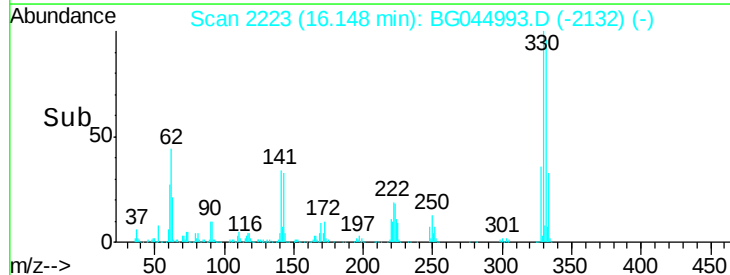
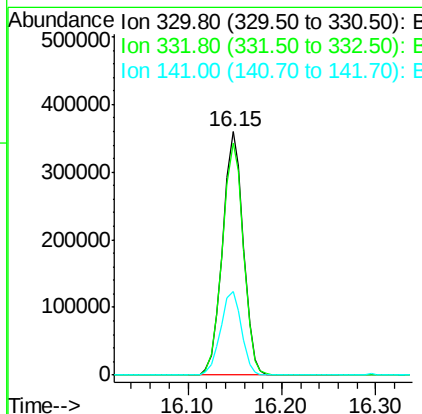
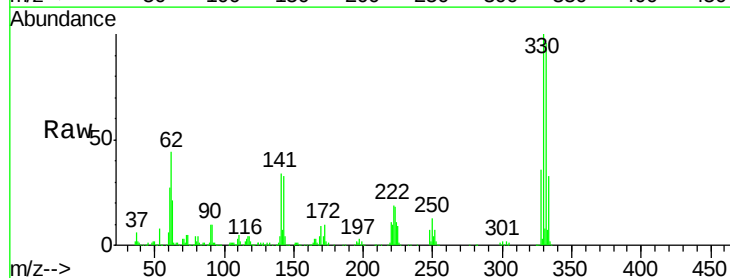
RT: 16.15 min Scan# 2223

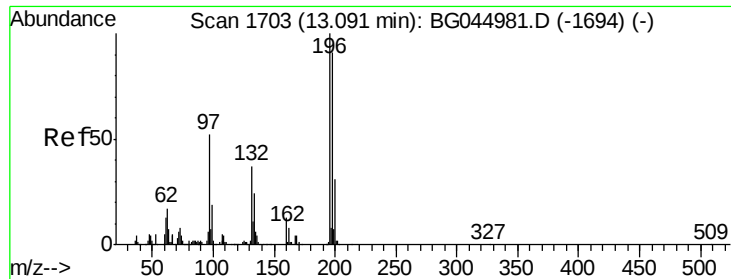
Delta R.T. 0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Tgt Ion:	330	Resp:	552071
Ion Ratio		Lower	Upper
330	100		
332	97.1	79.1	118.7
141	34.9	27.1	40.7





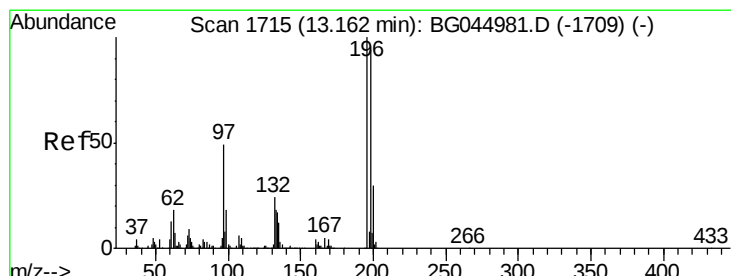
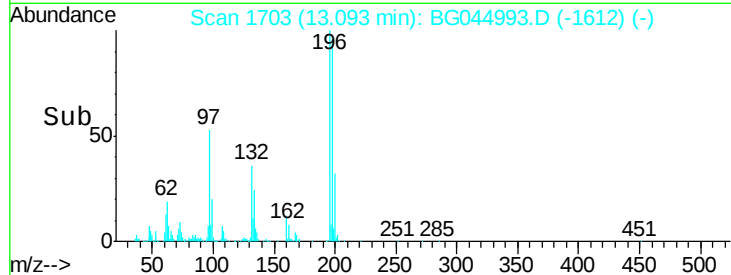
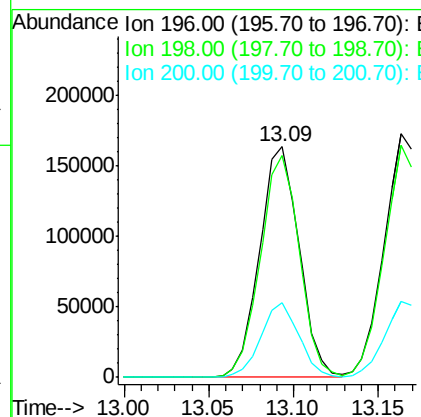
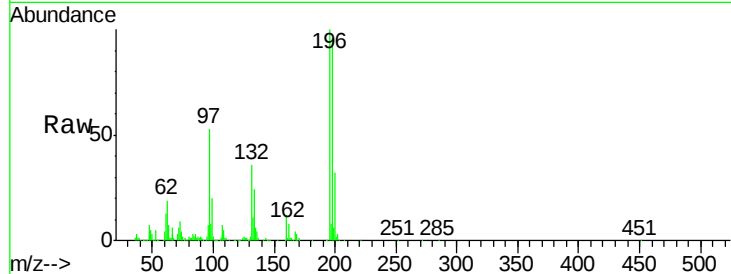
#43
 2,4,6-Trichlorophenol
 Concen: 53.085 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. 0.00 min
 Lab File: BG044993.D
 Acq: 15 Apr 2020 22:16

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-041420MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	267540		
198	96.0	72.5	108.7	
200	32.1	24.5	36.7	

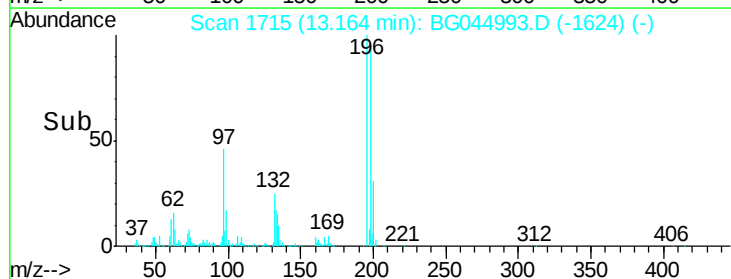
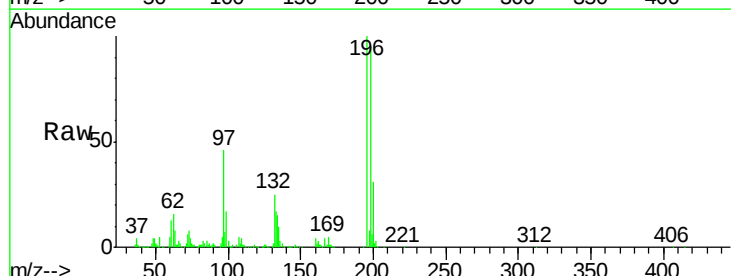
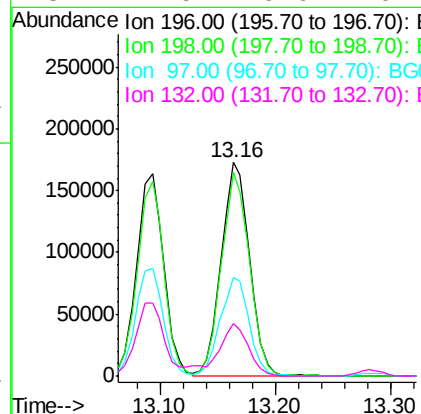
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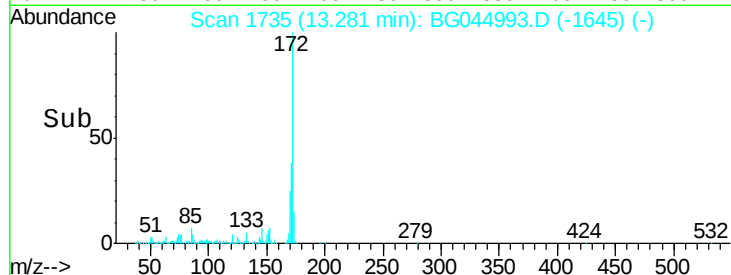
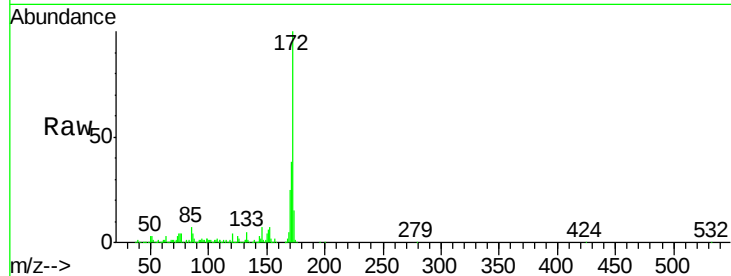
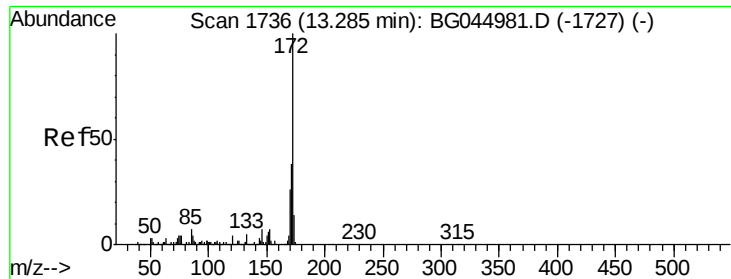
mohammad
 4/16/2020 12:55:00 PM



#44
 2,4,5-Trichlorophenol
 Concen: 50.940 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG044993.D
 Acq: 15 Apr 2020 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	292225		
198	95.3	75.7	113.5	
97	46.3	39.6	59.4	
132	24.5	19.6	29.4	





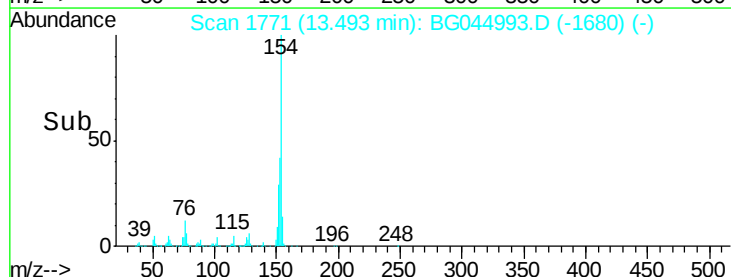
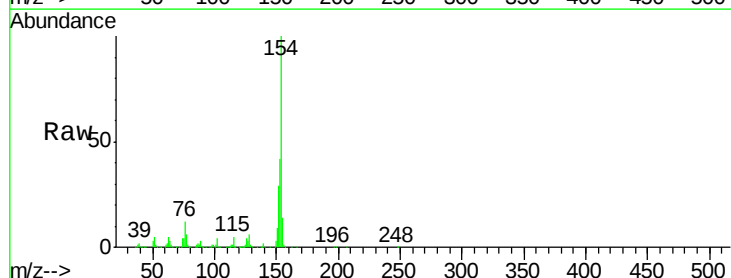
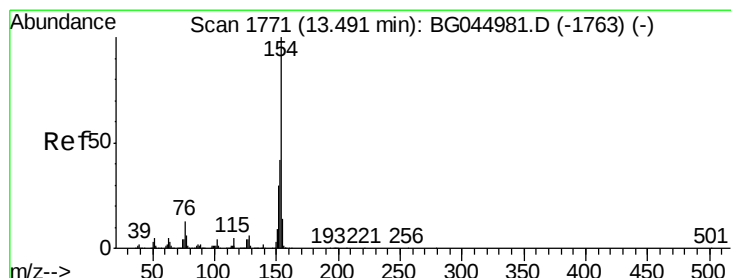
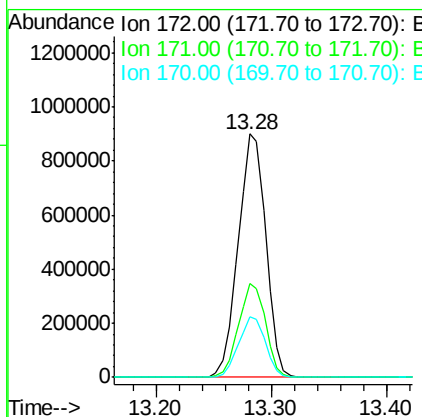
#45
2-Fluorobiphenyl
Concen: 98.524 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG044993.D
Acq: 15 Apr 2020 22:16

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.6	46.0
170	25.0	20.5	30.7

Instrument :
BNA_G
ClientSampleId :
TR-04-041420MS

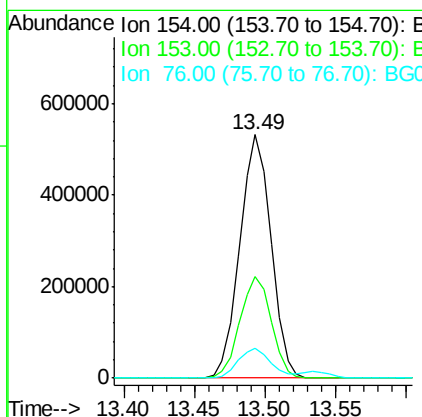
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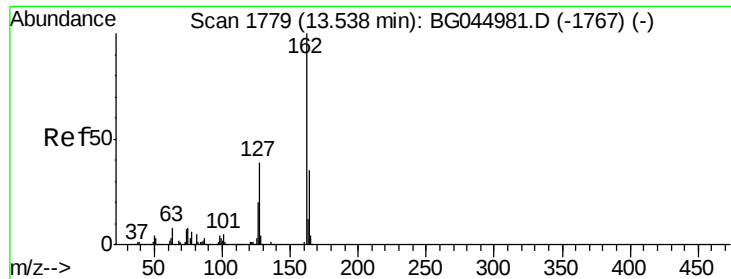
mohammad
4/16/2020 12:55:00 PM



#46
1,1'-Biphenyl
Concen: 48.899 ng
RT: 13.49 min Scan# 1771
Delta R.T. 0.00 min
Lab File: BG044993.D
Acq: 15 Apr 2020 22:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	21.9	61.9
76	12.0	0.0	33.1





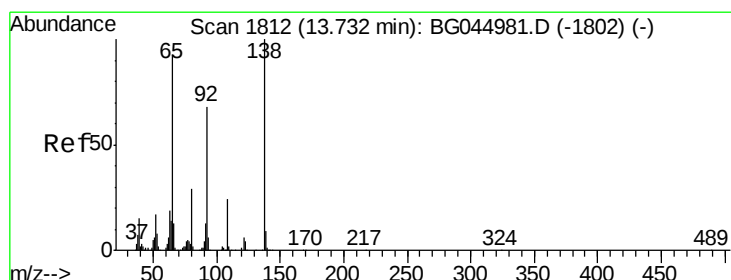
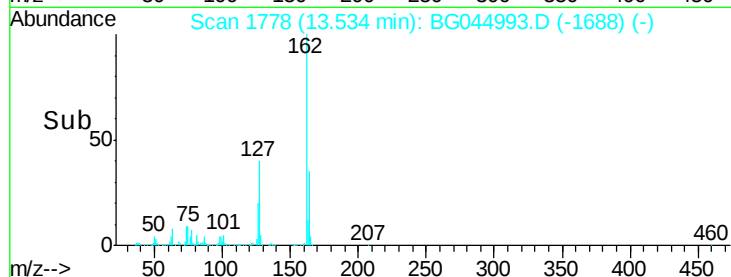
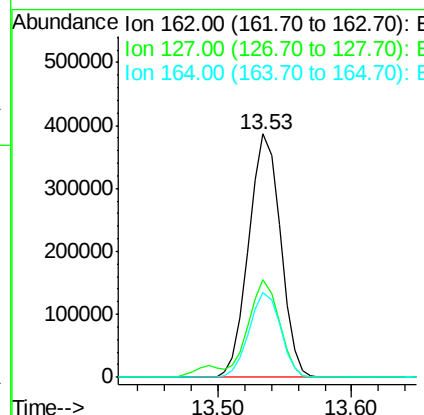
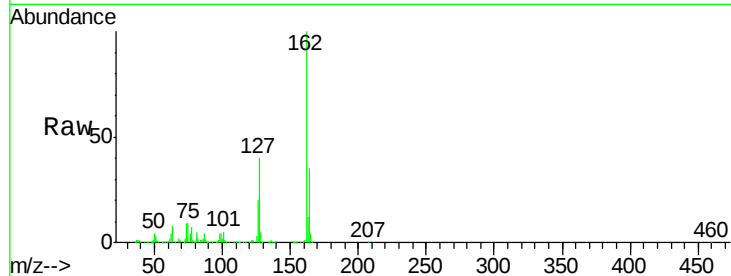
#47
 2-Chloronaphthalene
 Concen: 49.280 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BG044993.D
 Acq: 15 Apr 2020 22:16

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-041420MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.9	31.3	46.9
164	34.7	27.8	41.8

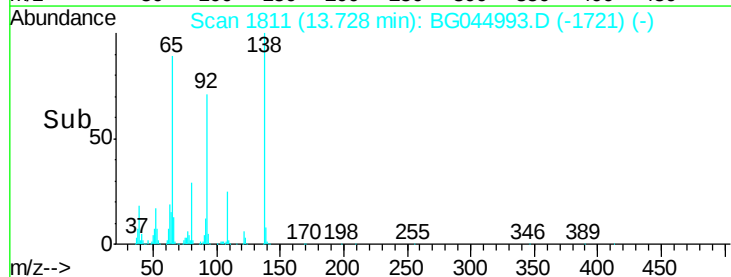
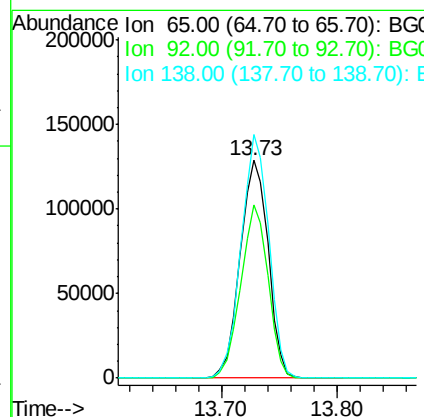
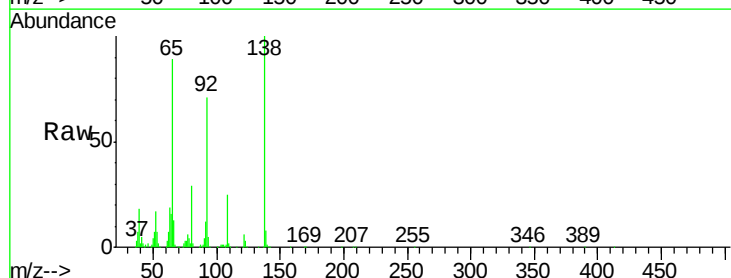
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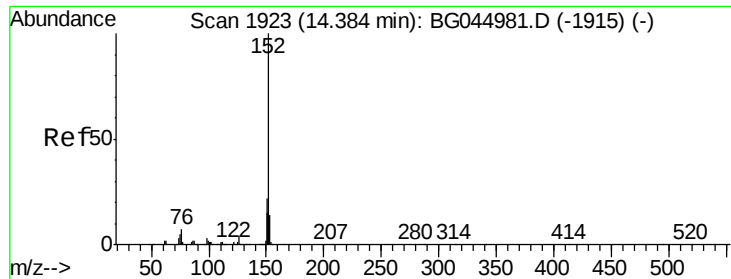
mohammad
 4/16/2020 12:55:00 PM



#48
 2-Nitroaniline
 Concen: 51.120 ng
 RT: 13.73 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: BG044993.D
 Acq: 15 Apr 2020 22:16

Tgt Ion	Ratio	Lower	Upper
65	100		
92	79.3	58.3	87.5
138	111.8	85.6	128.4





#49

Acenaphthylene

Concen: 52.131 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Instrument :

BNA_G

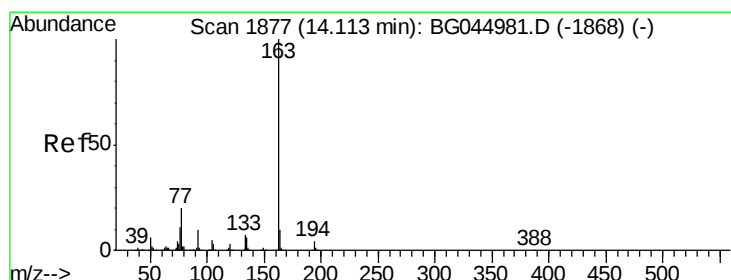
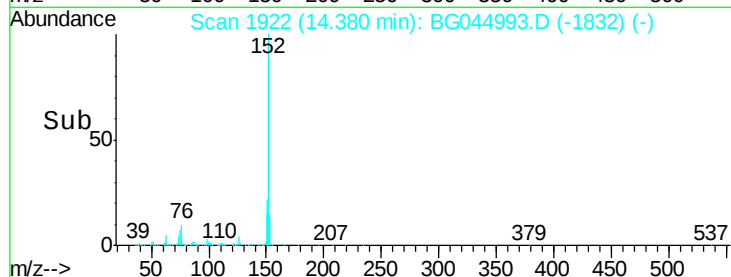
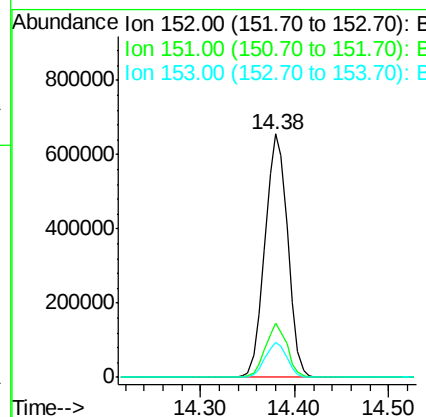
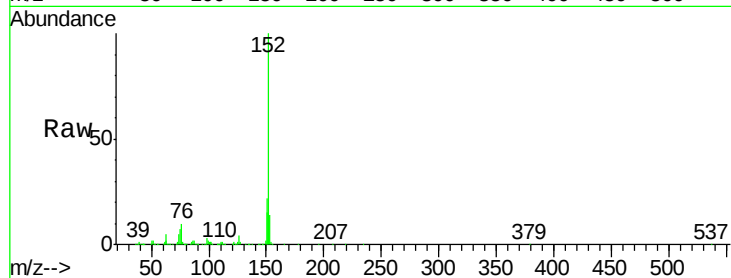
ClientSampleId :

TR-04-041420MS

Tot Ion:	152	Resp:	1093746
Ion	Ratio	Lower	Upper
152	100		
151	22.3	17.2	25.8
153	14.2	11.0	16.4

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#50

Dimethylphthalate

Concen: 53.012 ng

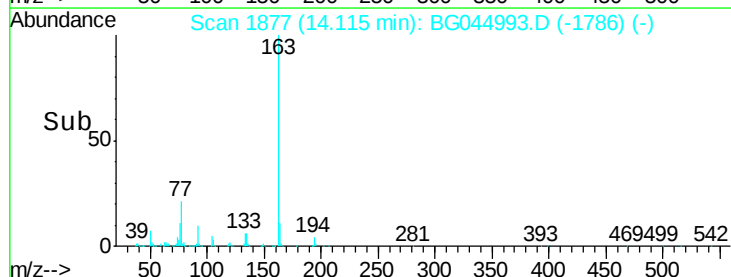
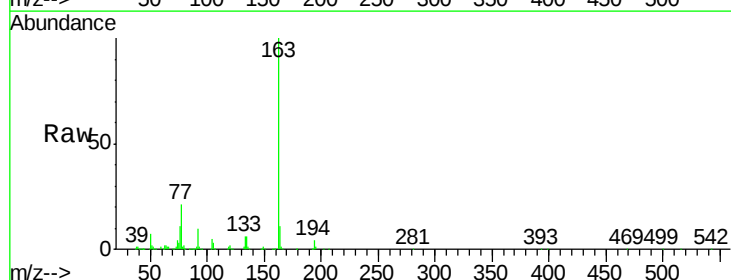
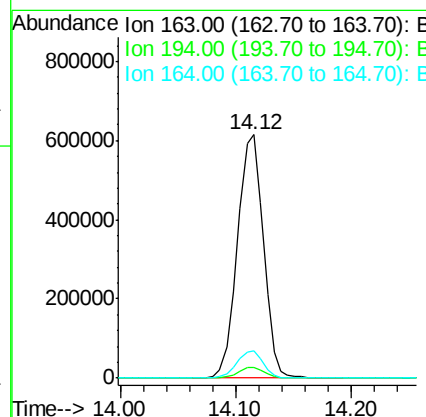
RT: 14.12 min Scan# 1877

Delta R.T. 0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Tgt Ion:	163	Resp:	957338
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	11.1	8.2	12.4





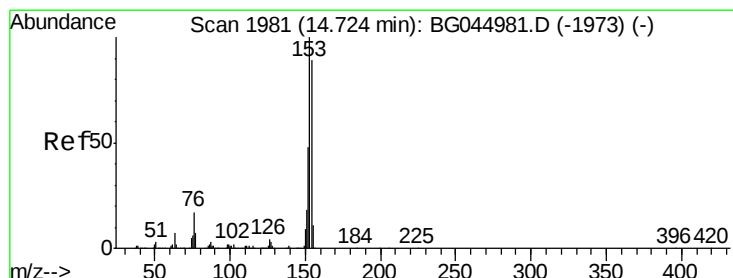
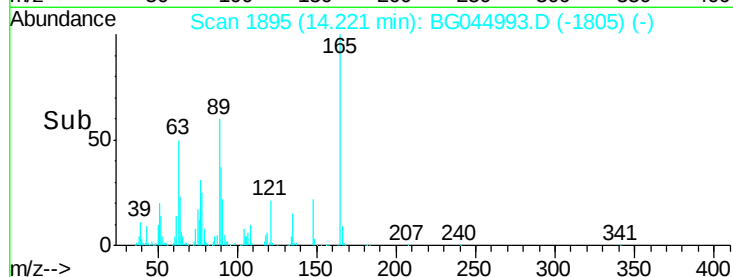
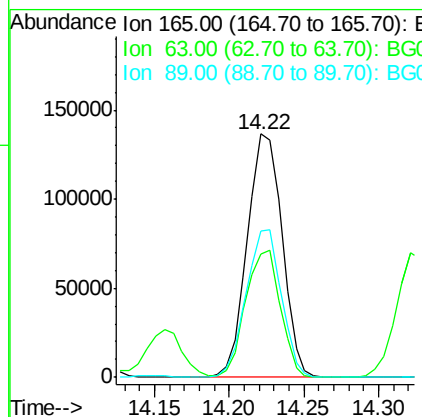
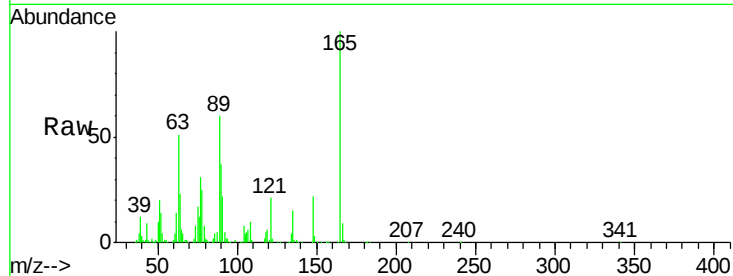
#51
 2,6-Dinitrotoluene
 Concen: 54.791 ng
 RT: 14.22 min Scan# 1895
 Delta R.T. -0.00 min
 Lab File: BG044993.D
 Acq: 15 Apr 2020 22:16

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-041420MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	221314		
63	50.5		40.4	60.6
89	60.0		49.1	73.7

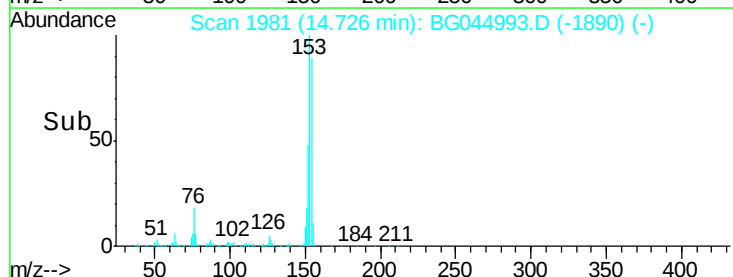
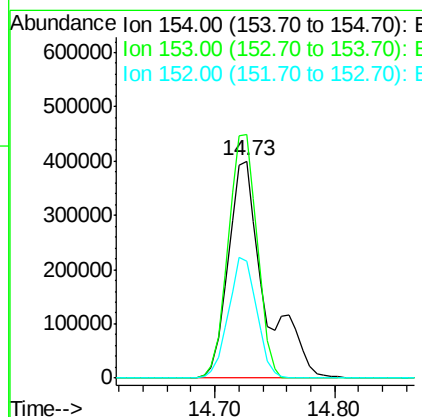
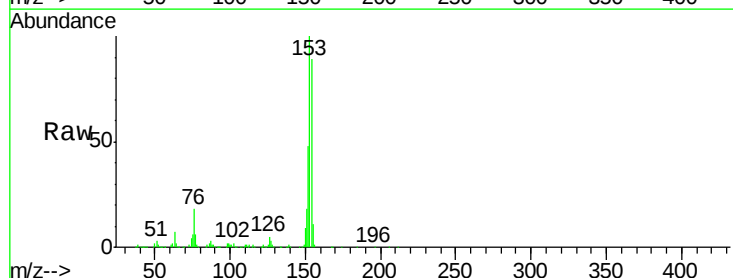
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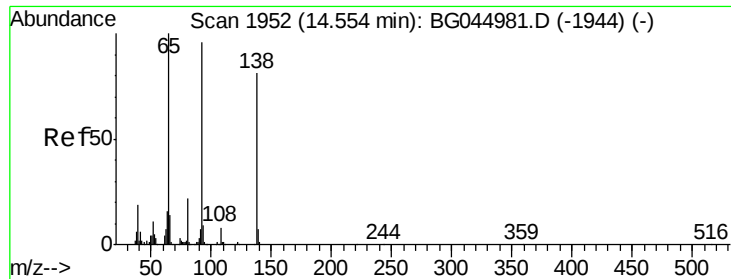
mohammad
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#52
 Acenaphthene
 Concen: 59.713 ng m
 RT: 14.73 min Scan# 1981
 Delta R.T. 0.00 min
 Lab File: BG044993.D
 Acq: 15 Apr 2020 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	847657		
153	112.1		89.7	134.5
152	54.0		43.1	64.7





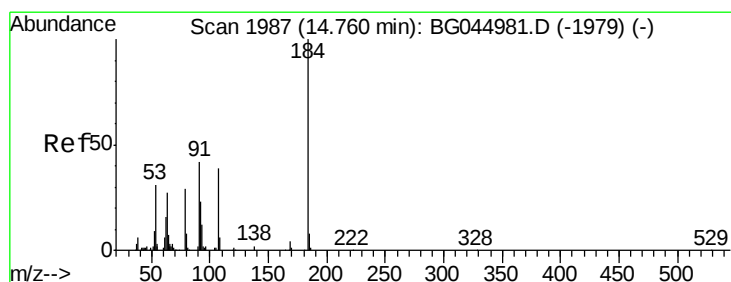
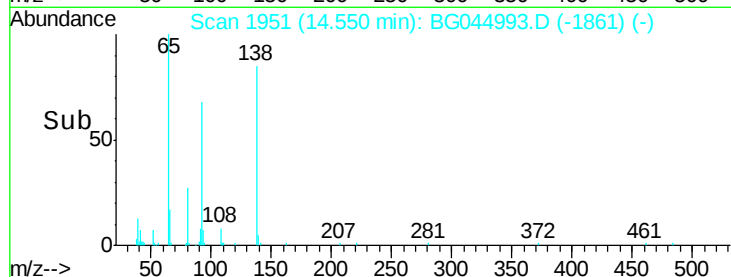
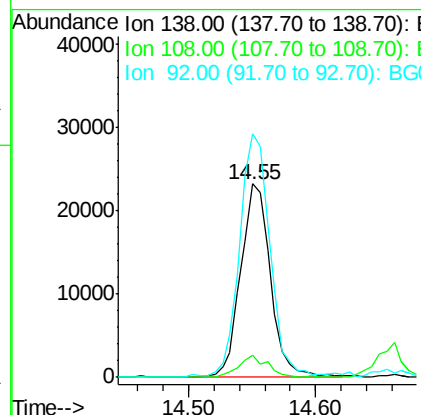
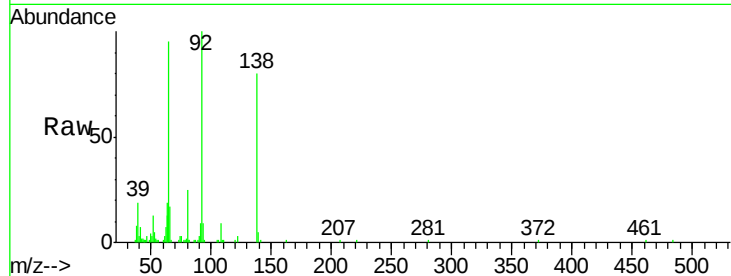
#53
 3-Nitroaniline
 Concen: 8.538 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: BG044993.D
 Acq: 15 Apr 2020 22:16

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-041420MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.4	7.8	11.8
92	125.8	94.5	141.7

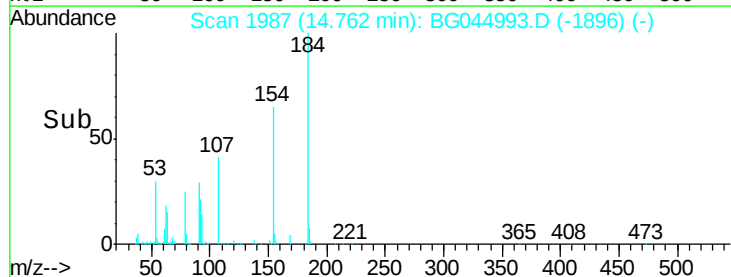
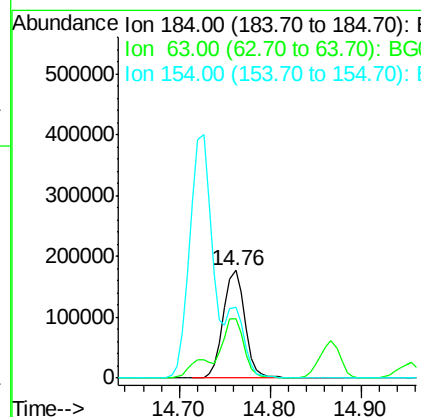
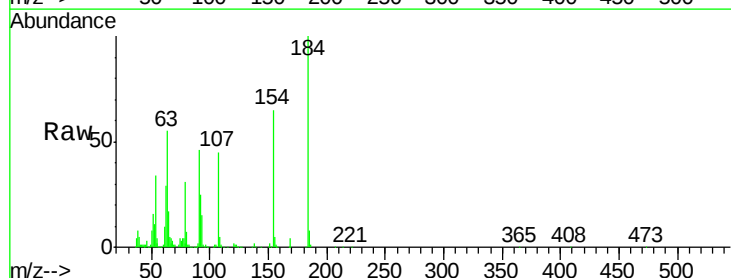
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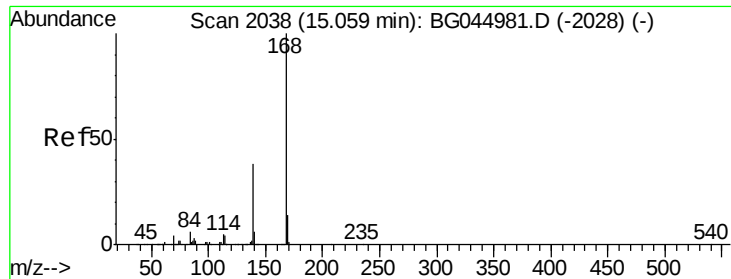
mohammad
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#54
 2,4-Dinitrophenol
 Concen: 122.937 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: BG044993.D
 Acq: 15 Apr 2020 22:16

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.3	41.5	62.3
154	65.5	52.3	78.5





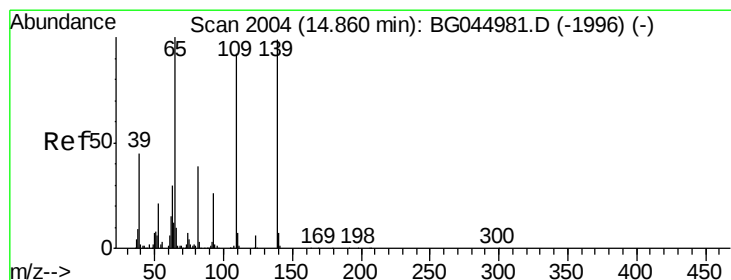
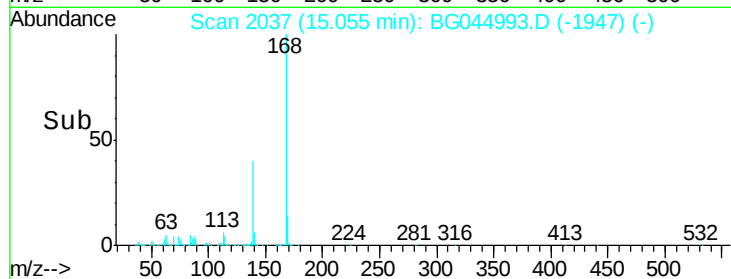
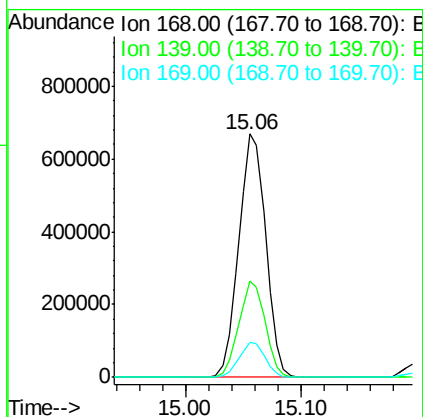
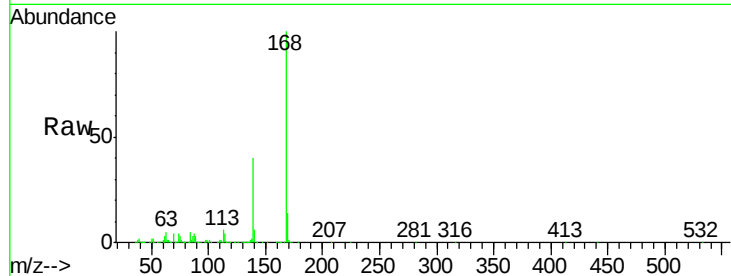
#55
Dibenzenofuran
Concen: 52.175 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG044993.D
Acq: 15 Apr 2020 22:16

Instrument :
BNA_G
ClientSampleId :
TR-04-041420MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.6	30.4	45.6
169	14.3	11.0	16.4

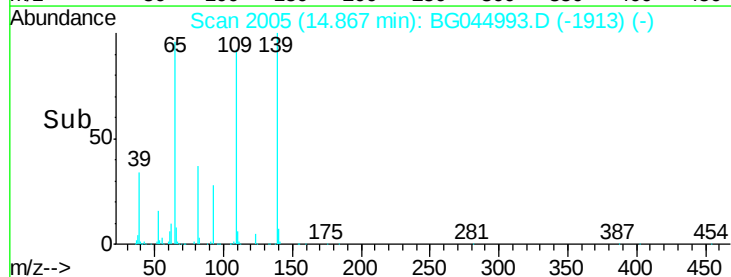
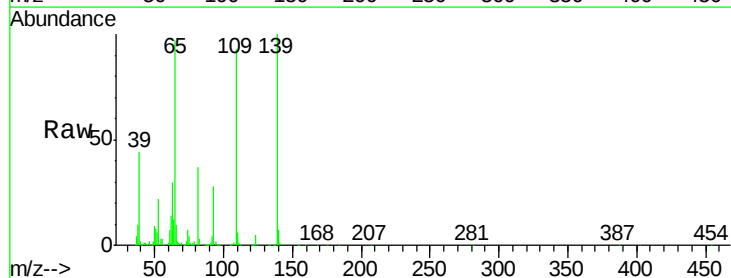
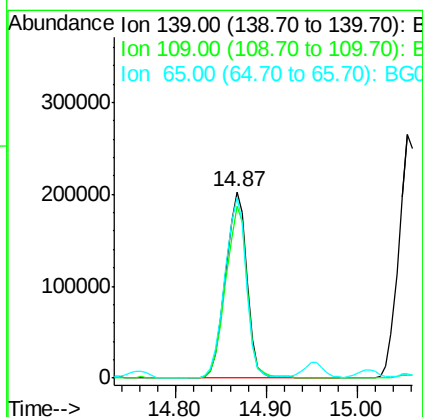
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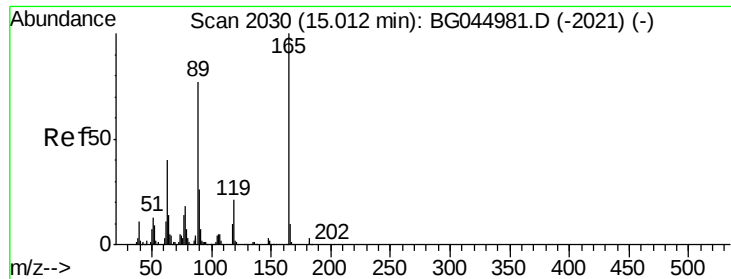
mohammad
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#56
4-Nitrophenol
Concen: 97.087 ng
RT: 14.87 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BG044993.D
Acq: 15 Apr 2020 22:16

Tgt Ion	Ratio	Lower	Upper
139	100		
109	92.6	73.6	113.6
65	97.2	81.2	121.2





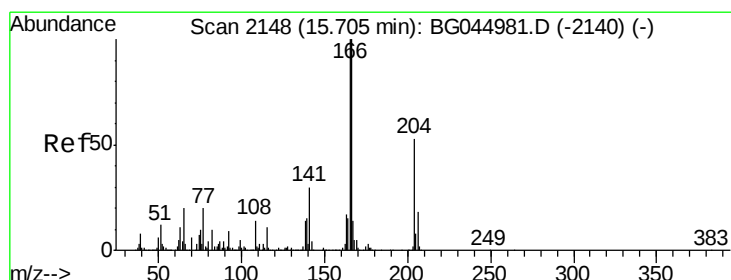
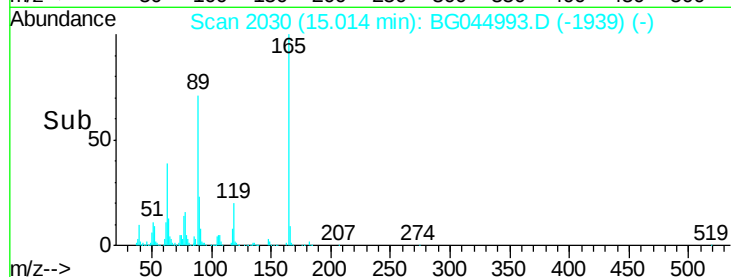
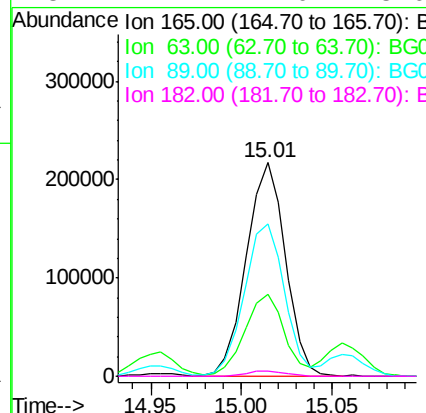
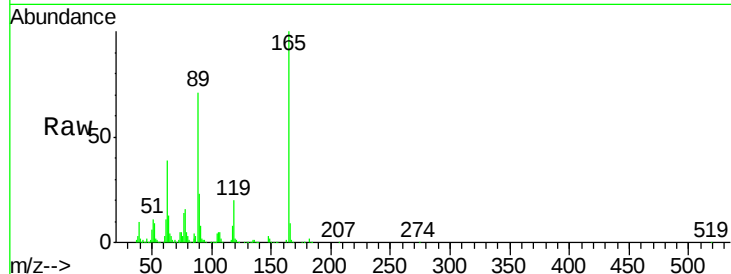
#57
 2,4-Dinitrotoluene
 Concen: 55.229 ng
 RT: 15.01 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BG044993.D
 Acq: 15 Apr 2020 22:16

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-041420MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	38.6	32.2	48.2
89	71.3	61.7	92.5
182	2.4	2.0	3.0

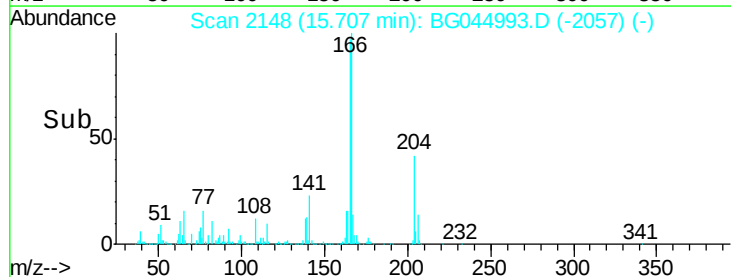
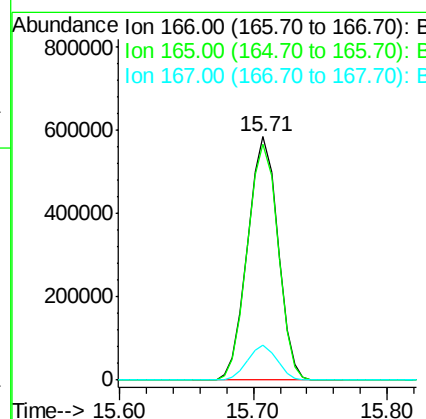
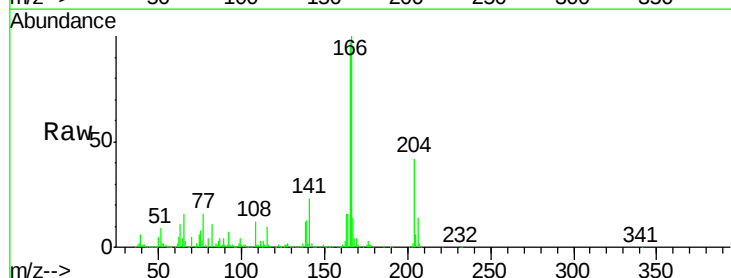
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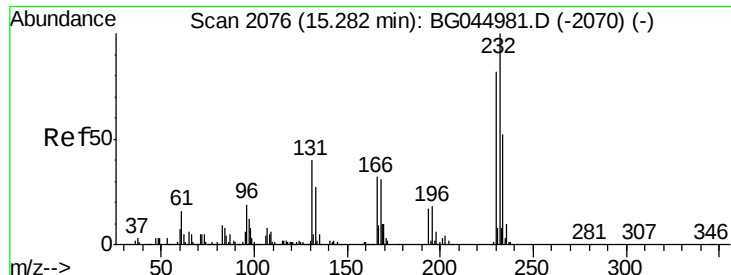
mohammad
 4/16/2020 12:55:00 PM



#58
 Fluorene
 Concen: 54.198 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: BG044993.D
 Acq: 15 Apr 2020 22:16

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.1	79.9	119.9
167	14.2	11.4	17.0





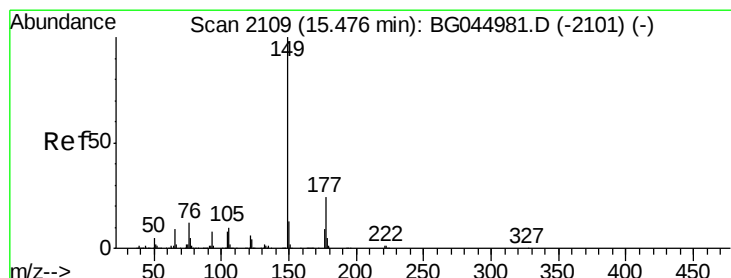
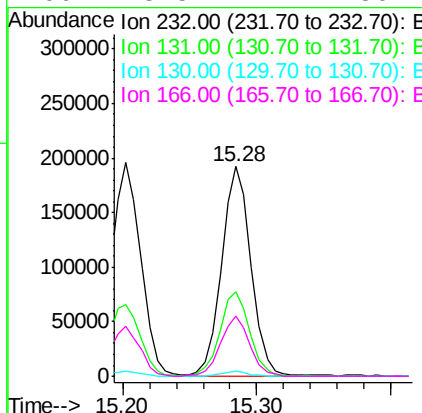
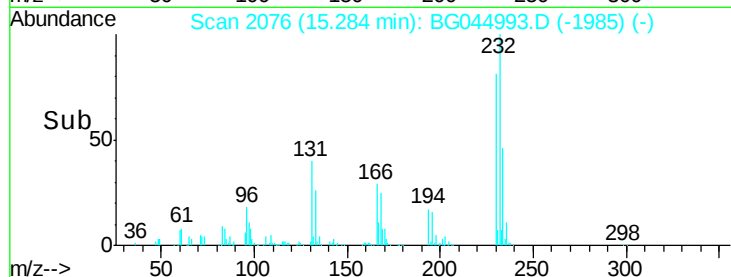
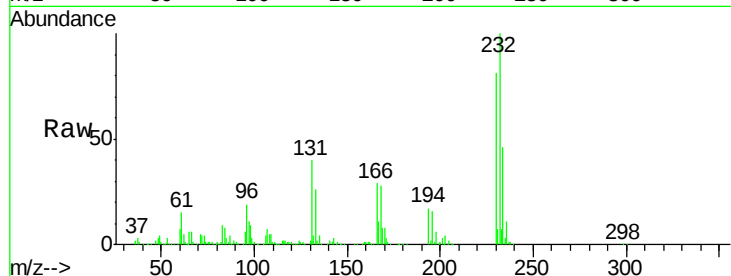
#59
2,3,4,6-Tetrachlorophenol
Concen: 57.665 ng
RT: 15.28 min Scan# 2076
Delta R.T. 0.00 min
Lab File: BG044993.D
Acq: 15 Apr 2020 22:16

Instrument :
BNA_G
ClientSampleId :
TR-04-041420MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.5	32.2	48.2
130	2.2	2.2	3.2
166	28.5	24.2	36.4

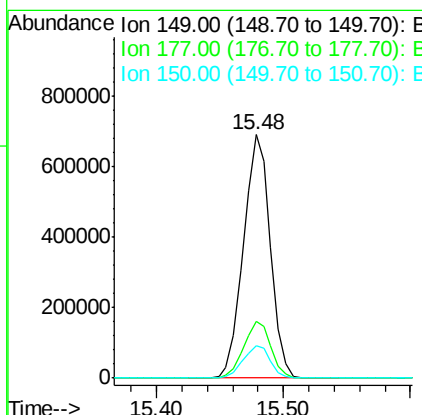
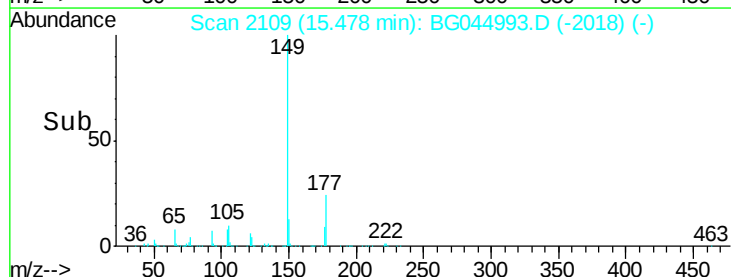
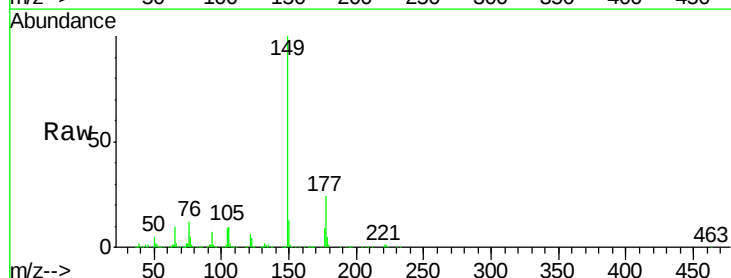
Manual Integrations
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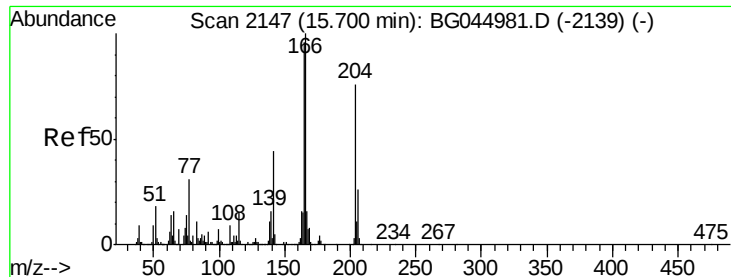
mohammad
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#60
Diethylphthalate
Concen: 53.491 ng
RT: 15.48 min Scan# 2109
Delta R.T. 0.00 min
Lab File: BG044993.D
Acq: 15 Apr 2020 22:16

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.9	28.3
150	13.1	10.6	15.8





#61

4-Chlorophenyl-phenylether

Concen: 51.369 ng

RT: 15.70 min Scan# 2147

Delta R.T. 0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Instrument :

BNA_G

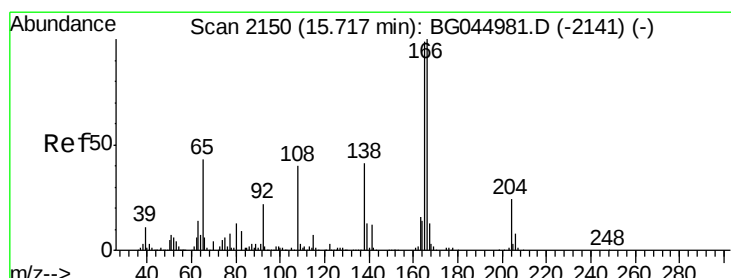
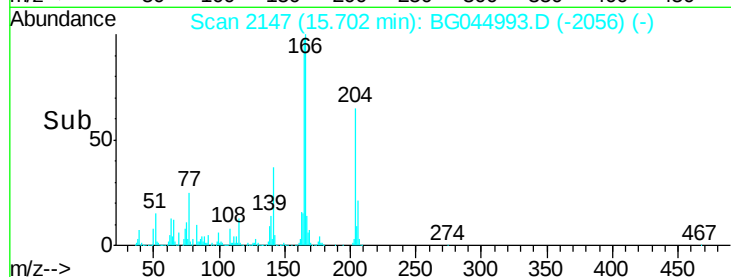
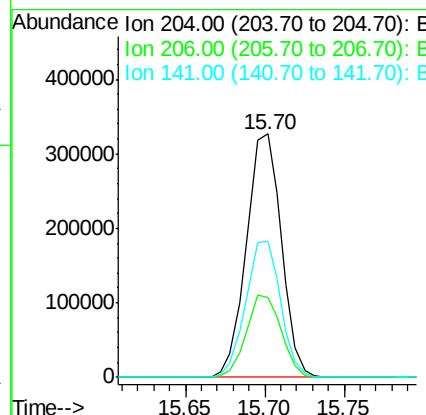
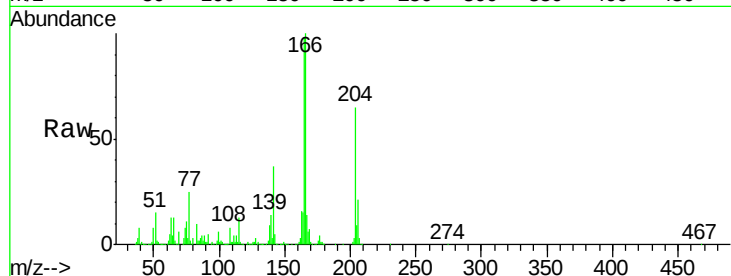
ClientSampleId :

TR-04-041420MS

Tot Ion:	204	Resp:	499827
Ion Ratio	Lower	Upper	
204	100		
206	32.7	26.9	40.3
141	56.0	46.3	69.5

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#62

4-Nitroaniline

Concen: 41.173 ng

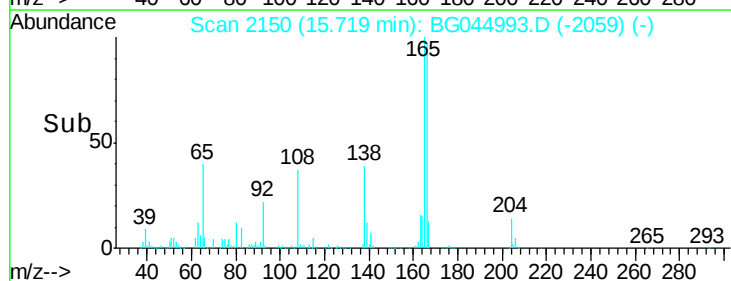
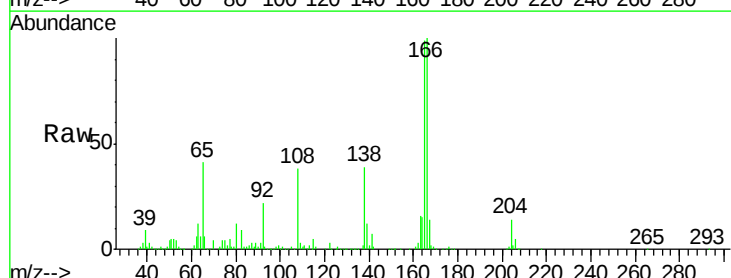
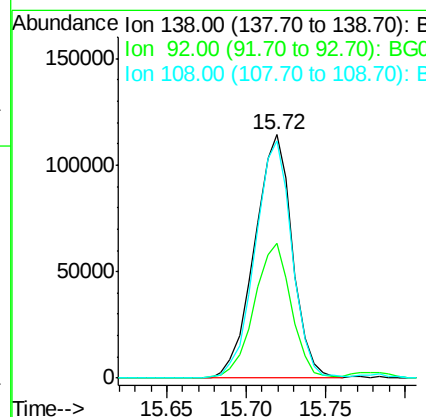
RT: 15.72 min Scan# 2150

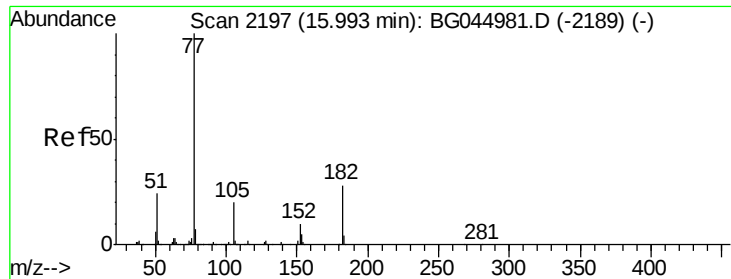
Delta R.T. 0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Tgt Ion:	138	Resp:	189185
Ion Ratio	Lower	Upper	
138	100		
92	55.6	33.6	73.6
108	97.2	78.2	118.2





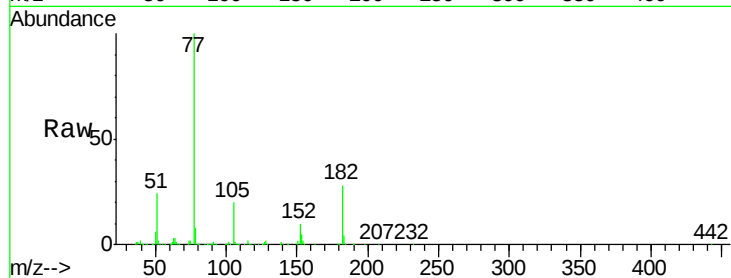
#63
Azobenzene
Concen: 54.235 ng
RT: 16.00 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BG044993.D
Acq: 15 Apr 2020 22:16

Instrument :
BNA_G
ClientSampleId :
TR-04-041420MS

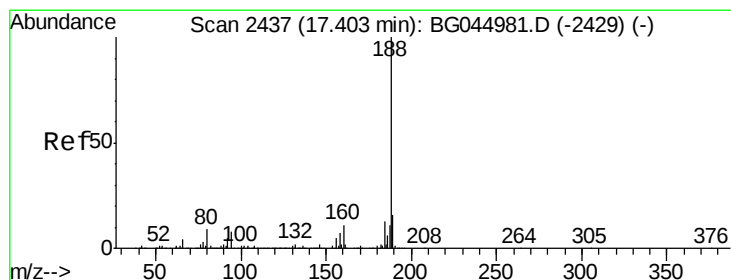
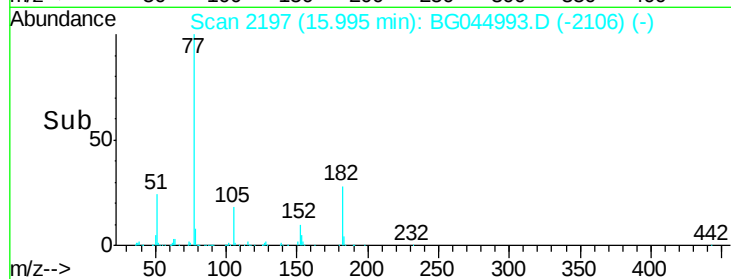
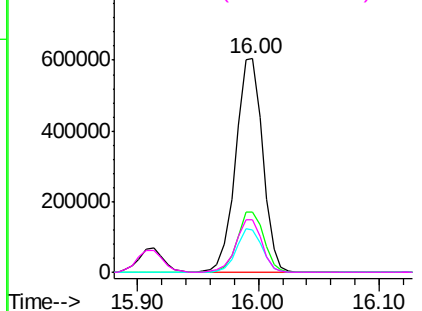
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	28.0	8.4	48.4		
105	20.0	0.5	40.5		
51	24.4	4.4	44.4		

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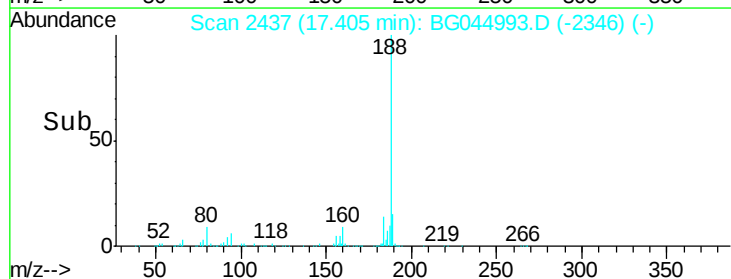
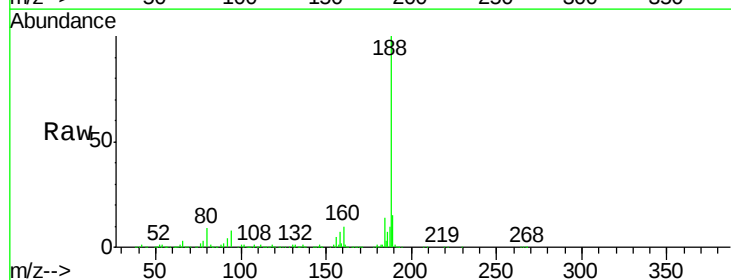
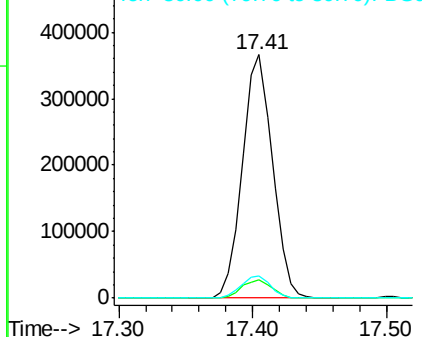
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

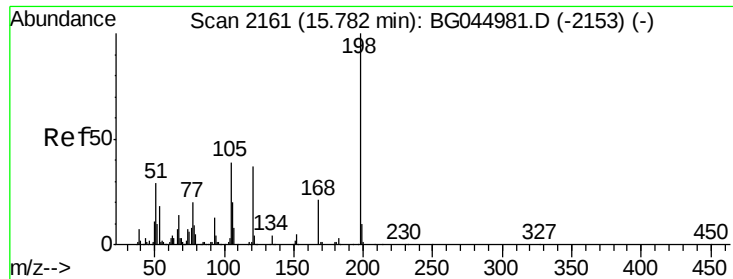


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BG044993.D
Acq: 15 Apr 2020 22:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	7.8	6.2	9.4		
80	8.9	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: 57.068 ng

RT: 15.78 min Scan# 2161

Delta R.T. 0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Instrument :

BNA_G

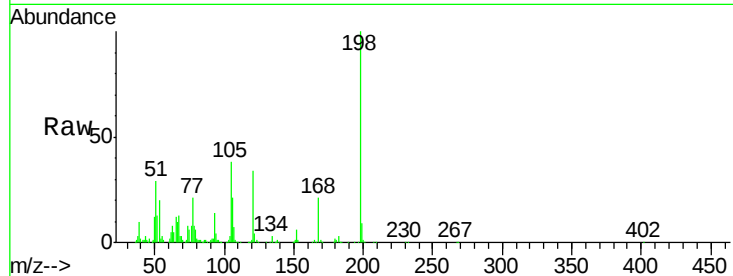
ClientSampleId :

TR-04-041420MS

Tot Ion:	198	Resp:	213153
Ion Ratio	Lower	Upper	
198	100		
51	28.9	10.0	50.0
105	37.7	18.9	58.9

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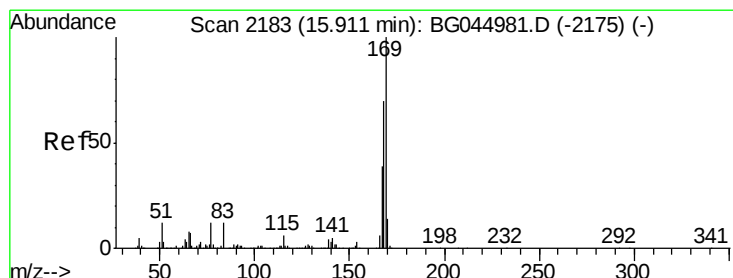
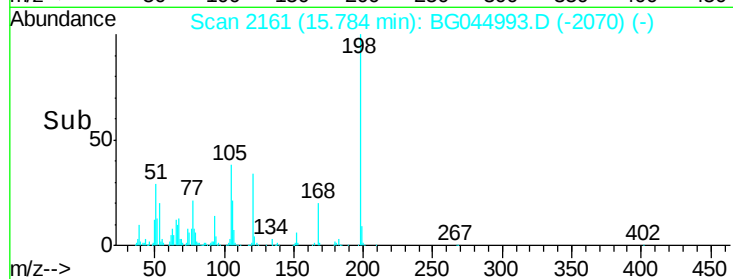
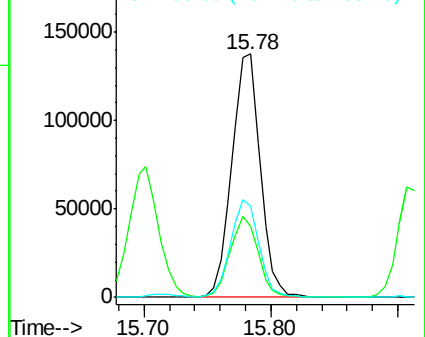
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 50.308 ng

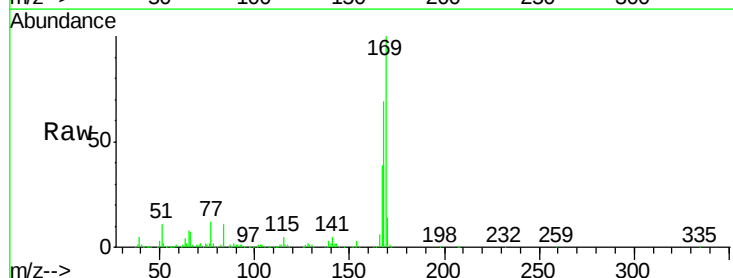
RT: 15.91 min Scan# 2183

Delta R.T. 0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

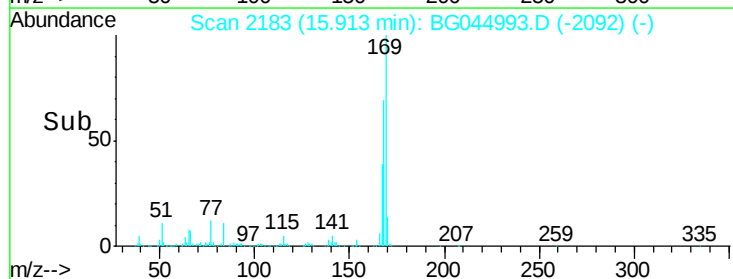
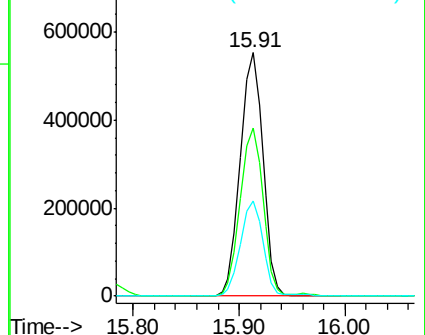
Tgt Ion:	169	Resp:	821364
Ion Ratio	Lower	Upper	
169	100		
168	69.2	55.8	83.8
167	38.9	30.8	46.2

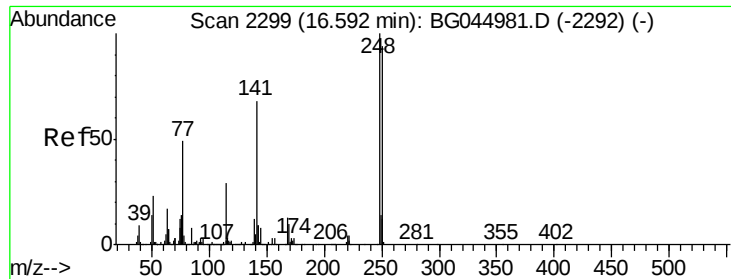


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





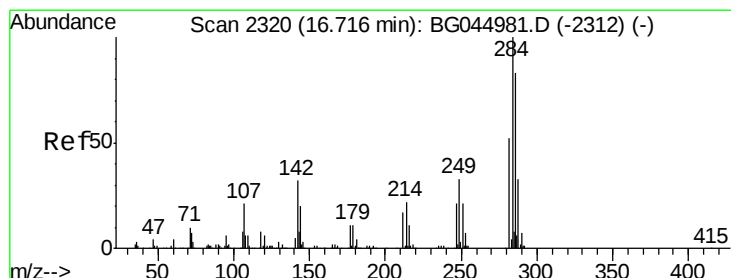
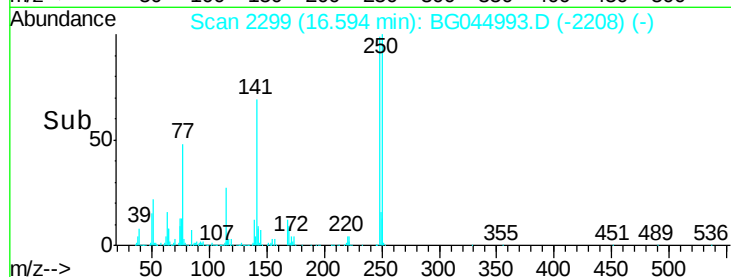
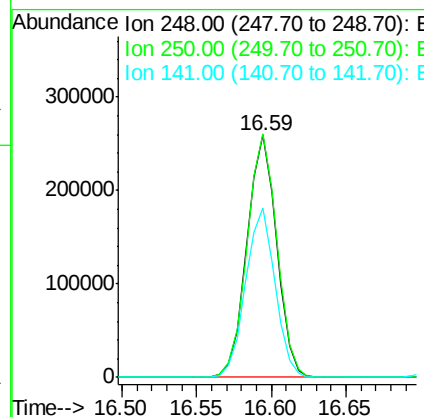
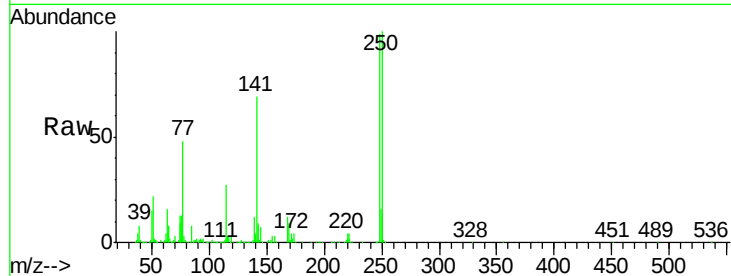
#67
4-Bromophenyl-phenylether
Concen: 48.551 ng
RT: 16.59 min Scan# 2299
Delta R.T. 0.00 min
Lab File: BG044993.D
Acq: 15 Apr 2020 22:16

Instrument :
BNA_G
ClientSampleId :
TR-04-041420MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.5	75.4	113.2
141	69.8	54.4	81.6

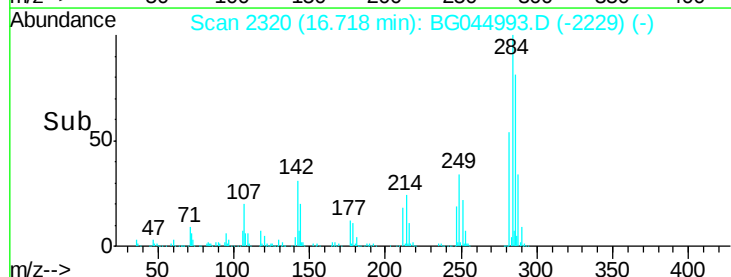
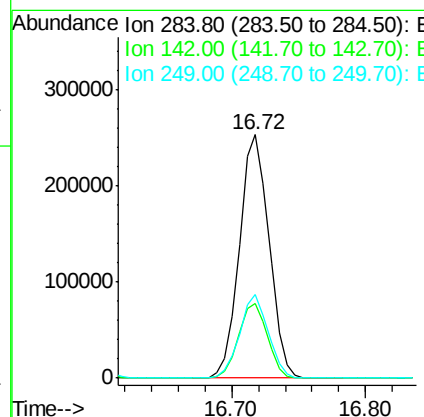
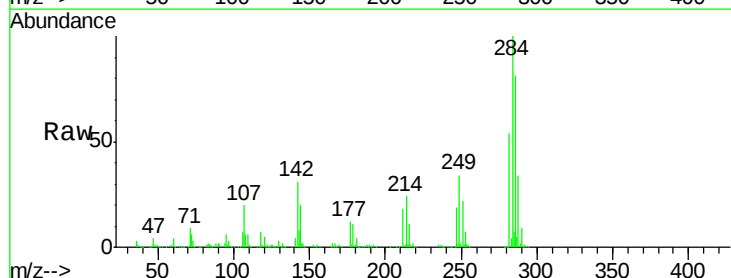
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#68
Hexachlorobenzene
Concen: 51.148 ng
RT: 16.72 min Scan# 2320
Delta R.T. 0.00 min
Lab File: BG044993.D
Acq: 15 Apr 2020 22:16

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.8	25.8	38.6
249	34.3	26.6	39.8





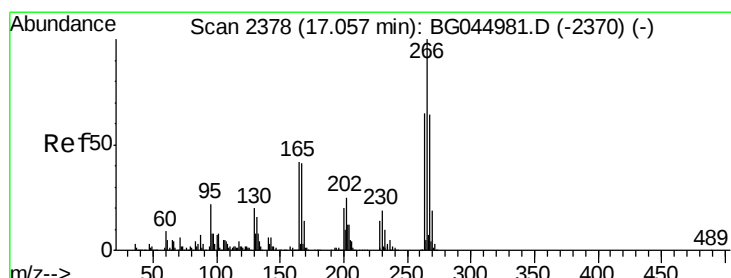
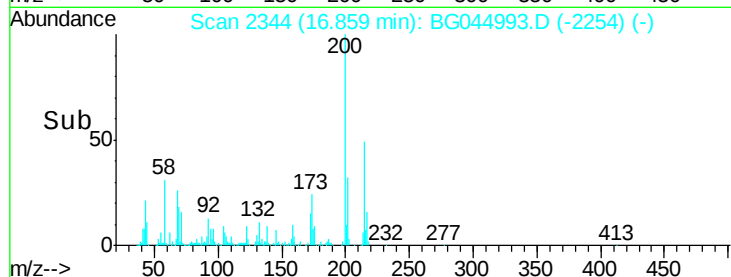
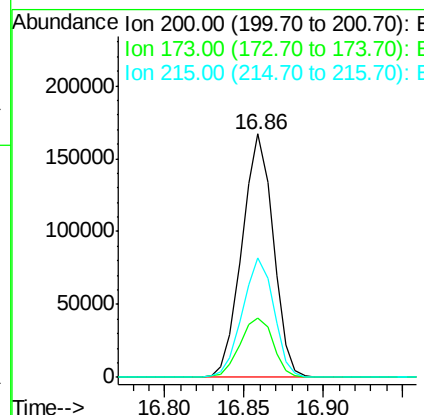
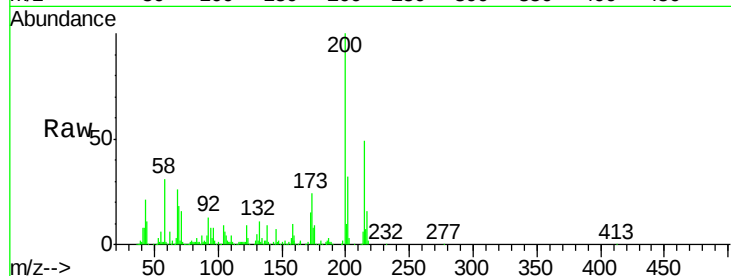
#69
Atrazine
Concen: 37.716 ng
RT: 16.86 min Scan# 2344
Delta R.T. -0.00 min
Lab File: BG044993.D
Acq: 15 Apr 2020 22:16

Instrument :
BNA_G
ClientSampleId :
TR-04-041420MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.3	4.5	44.5
215	49.3	30.0	70.0

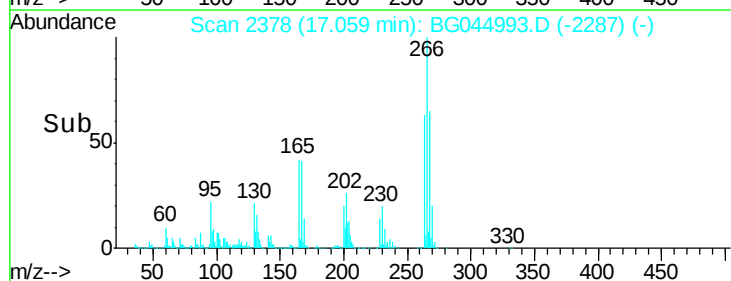
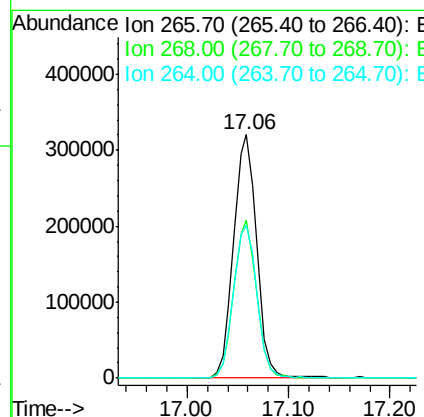
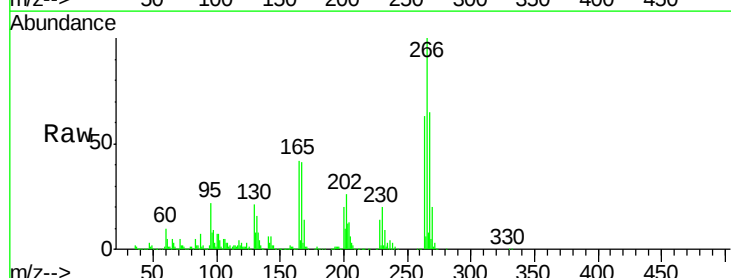
Manual Integrations
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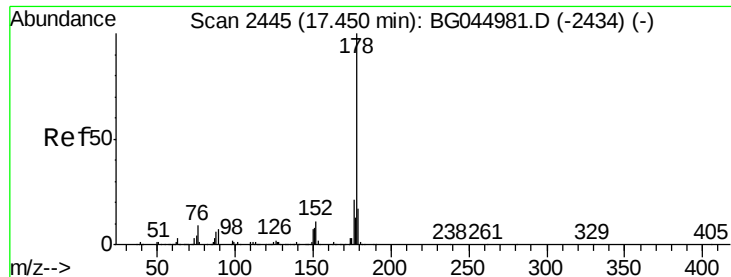
mohammad
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#70
Pentachlorophenol
Concen: 108.595 ng
RT: 17.06 min Scan# 2378
Delta R.T. 0.00 min
Lab File: BG044993.D
Acq: 15 Apr 2020 22:16

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.7	51.5	77.3
264	62.8	52.2	78.4





#71

Phenanthrene

Concen: 52.618 ng

RT: 17.45 min Scan# 2444

Delta R.T. -0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Instrument :

BNA_G

ClientSampleId :

TR-04-041420MS

Tot Ion:178 Resp: 1536476

Ion Ratio Lower Upper

178 100

176 21.7 16.8 25.2

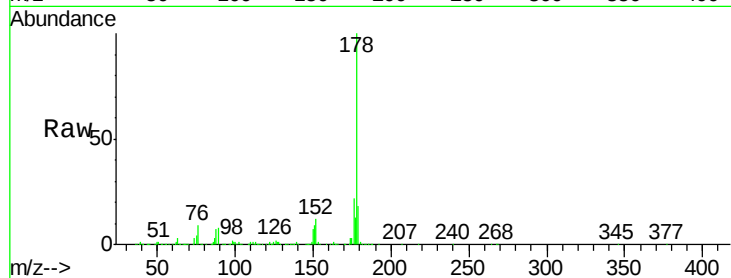
179 17.7 13.2 19.8

Manual Integrations

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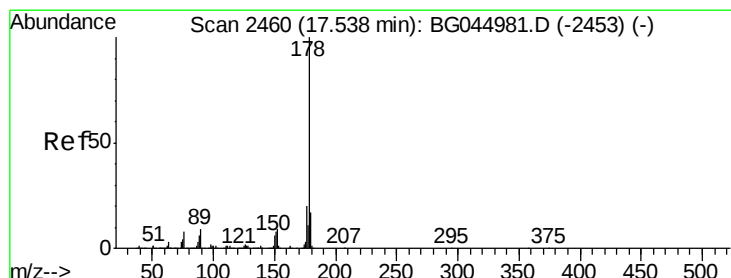
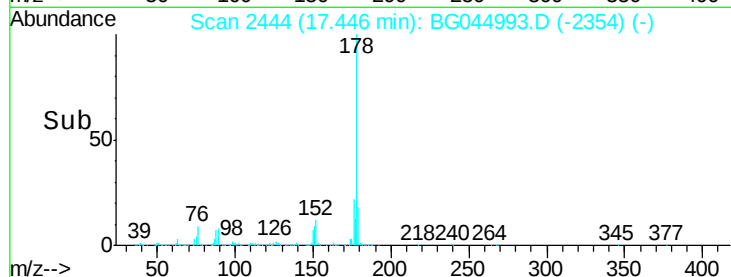
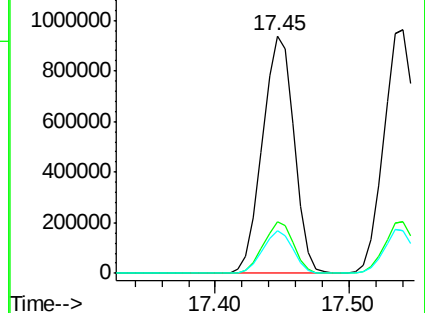
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 53.428 ng

RT: 17.54 min Scan# 2460

Delta R.T. 0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

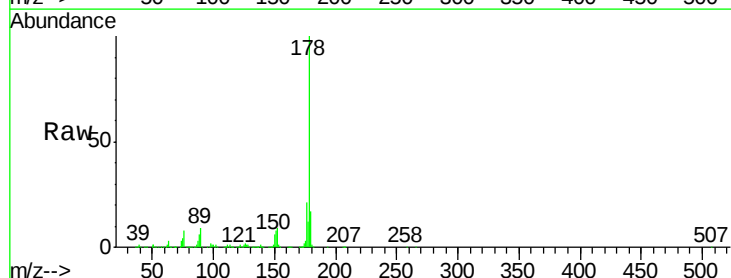
Tgt Ion:178 Resp: 1564967

Ion Ratio Lower Upper

178 100

176 21.2 16.0 24.0

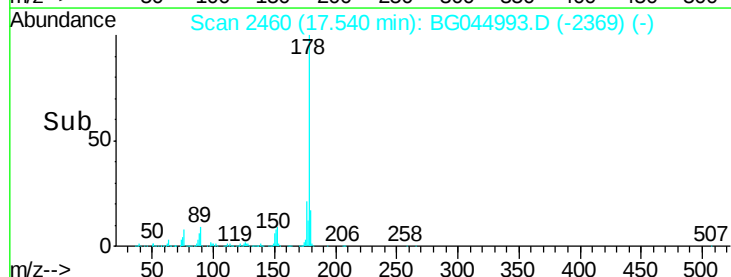
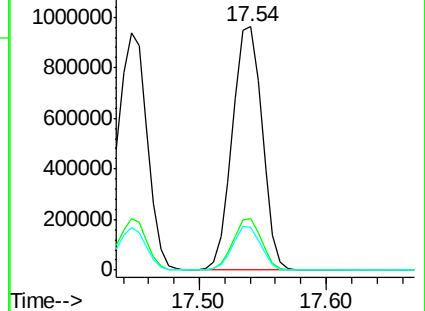
179 17.4 13.6 20.4

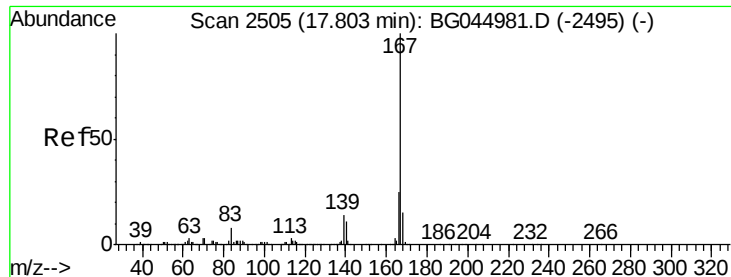


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





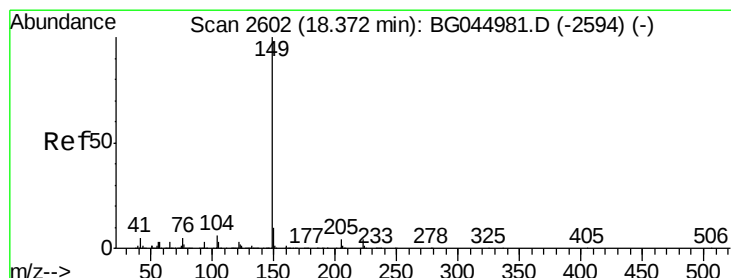
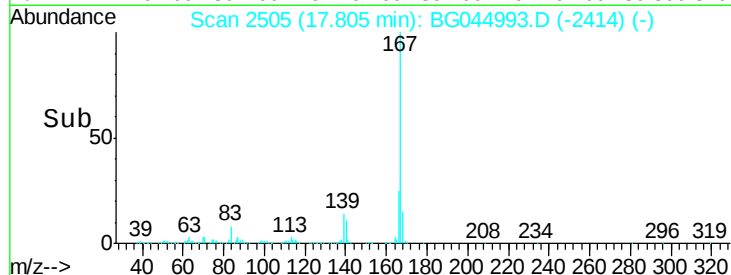
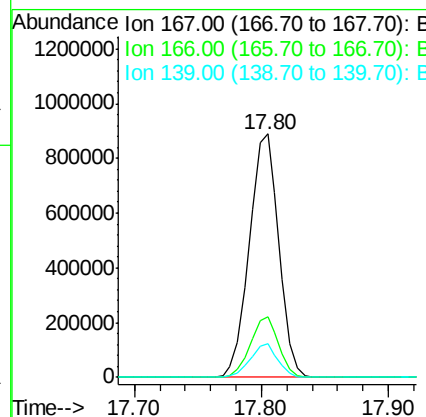
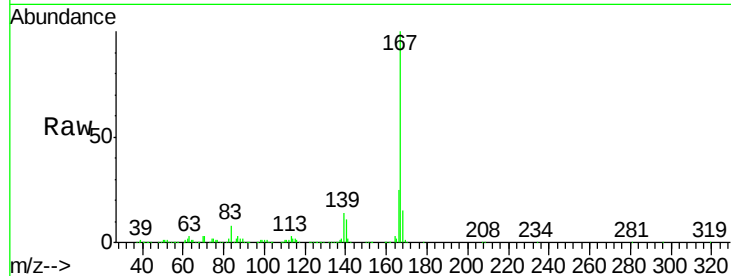
#73
 Carbazole
 Concen: 48.266 ng
 RT: 17.80 min Scan# 2505
 Delta R.T. 0.00 min
 Lab File: BG044993.D
 Acq: 15 Apr 2020 22:16

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-041420MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.9	19.8	29.6
139	13.8	10.9	16.3

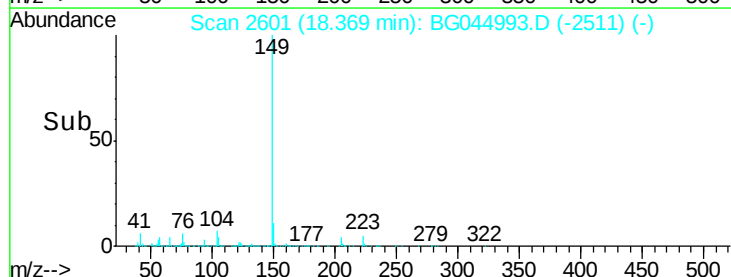
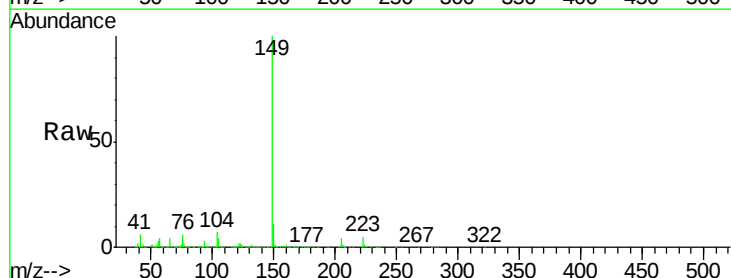
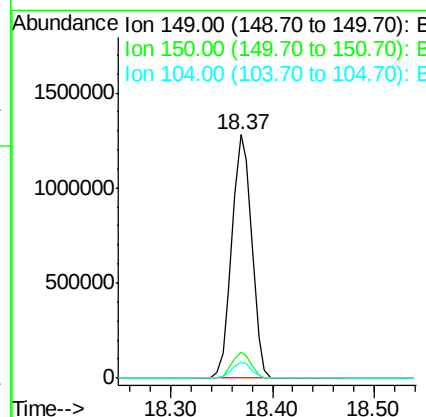
Manual Integrations
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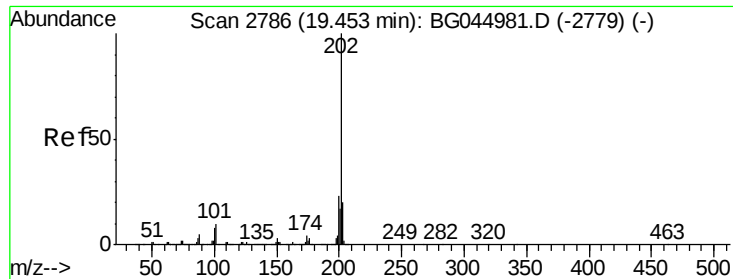
mohammad
 4/16/2020 12:55:00 PM



#74
 Di-n-butylphthalate
 Concen: 55.371 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.00 min
 Lab File: BG044993.D
 Acq: 15 Apr 2020 22:16

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.8	8.2	12.2
104	6.6	4.8	7.2





#75

Fluoranthene

Concen: 57.742 ng

RT: 19.46 min Scan# 2786

Delta R.T. 0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Instrument :

BNA_G

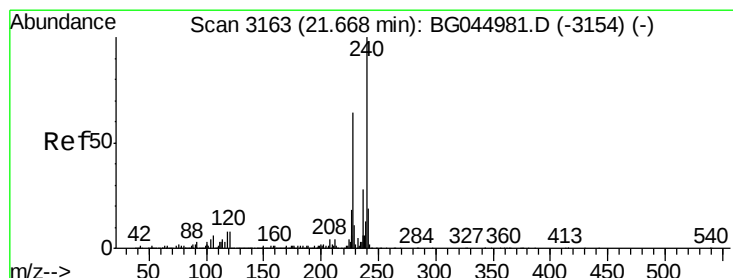
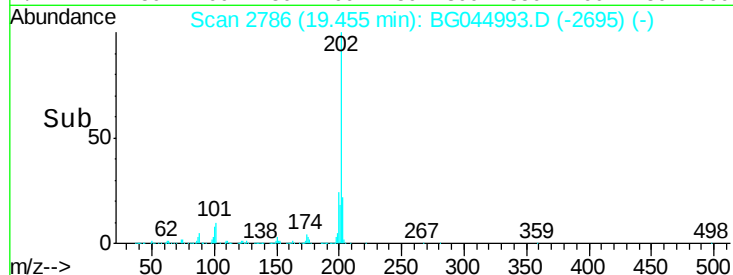
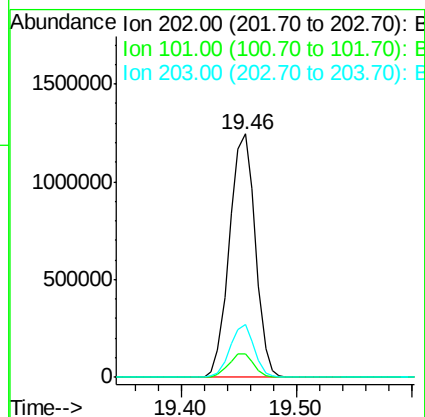
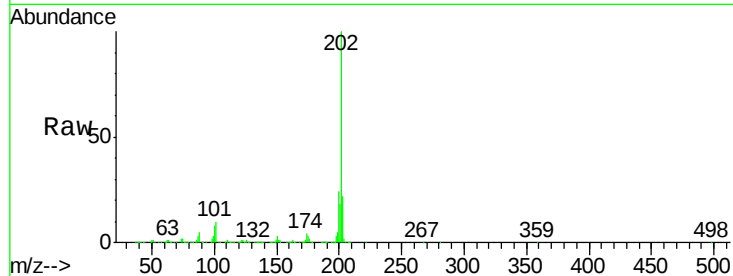
ClientSampleId :

TR-04-041420MS

Tot Ion:	202	Resp:	1921833
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	29.6
203	21.5	0.0	39.7

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

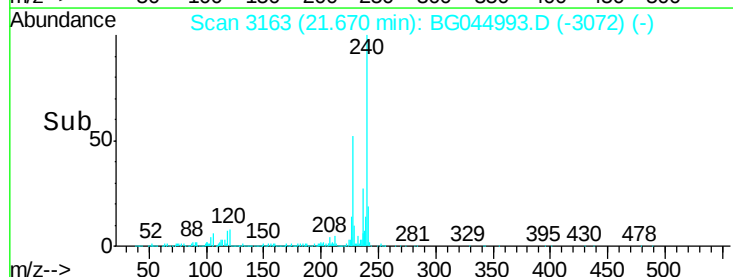
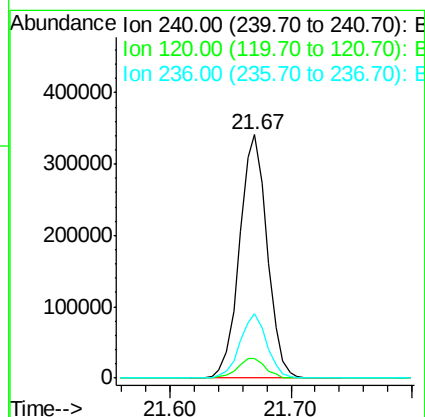
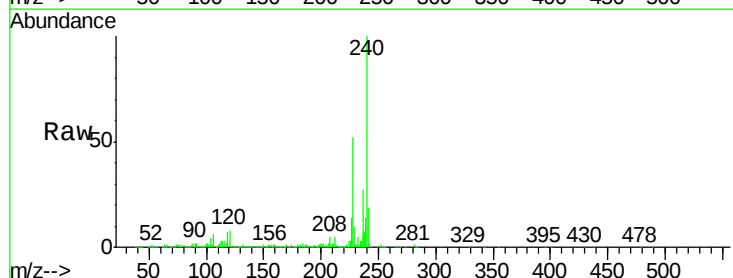
RT: 21.67 min Scan# 3163

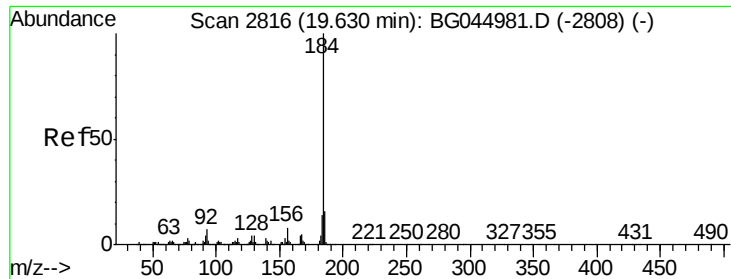
Delta R.T. 0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Tgt Ion:	240	Resp:	544780
Ion Ratio	Lower	Upper	
240	100		
120	7.8	6.6	10.0
236	26.6	22.2	33.2





#77

Benzidine

Concen: 12.855 ng/mL

RT: 19.65 min Scan# 2819

Delta R.T. 0.02 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Instrument :

BNA_G

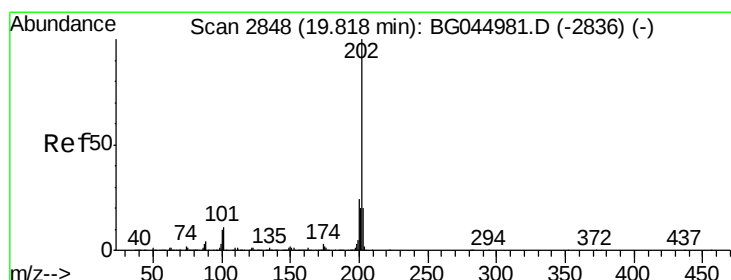
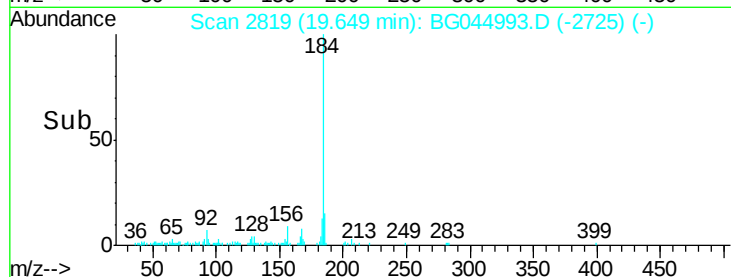
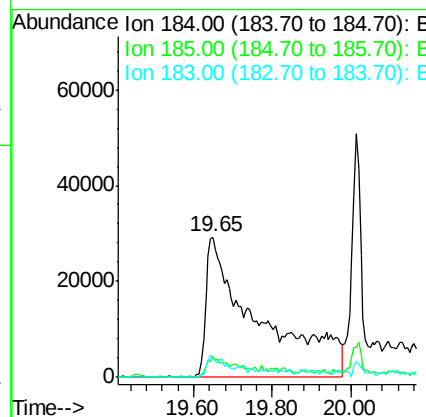
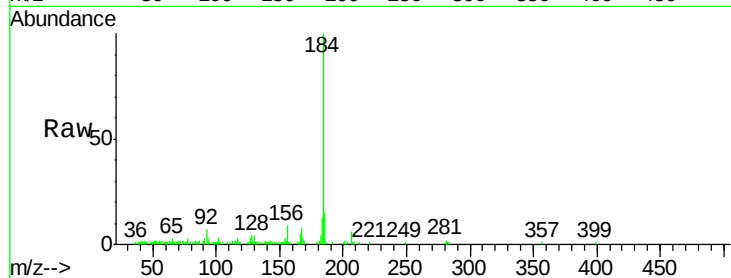
ClientSampleId :

TR-04-041420MS

Tot Ion:	184	Resp:	269966
Ion Ratio	Lower	Upper	
184	100		
185	15.2	12.6	19.0
183	13.4	11.3	16.9

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#78

Pyrene

Concen: 50.354 ng/mL

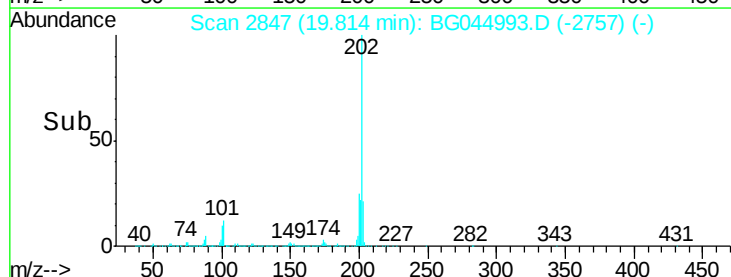
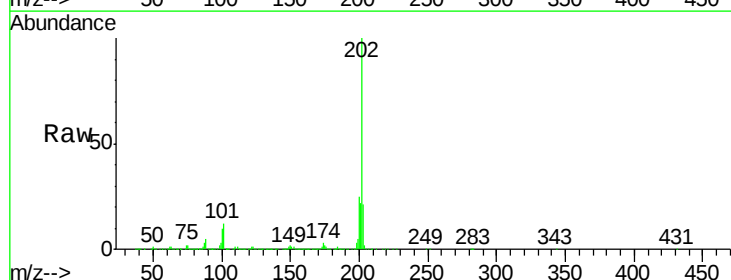
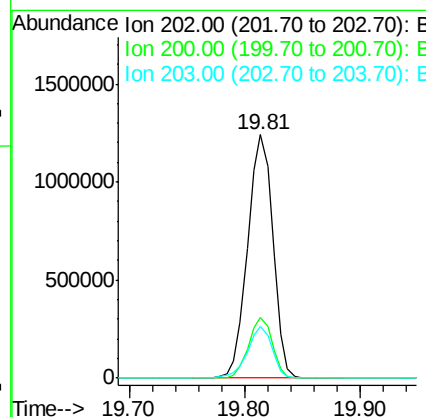
RT: 19.81 min Scan# 2847

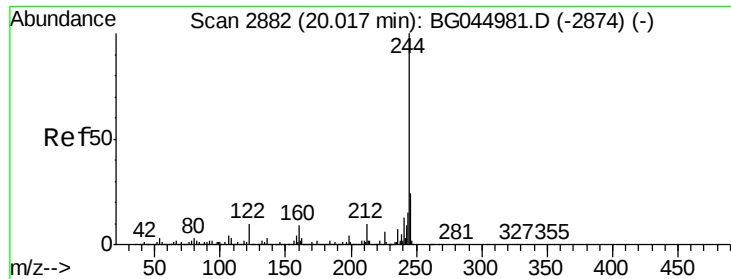
Delta R.T. -0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Tgt Ion:	202	Resp:	1891179
Ion Ratio	Lower	Upper	
202	100		
200	24.7	19.0	28.6
203	21.4	16.1	24.1





#79

Terphenyl-d14

Concen: 107.904 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Instrument :

BNA_G

ClientSampleId :

TR-04-041420MS

Tot Ion:244 Resp: 2697047

Ion Ratio Lower Upper

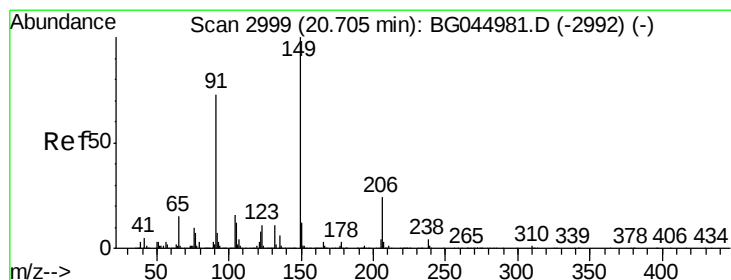
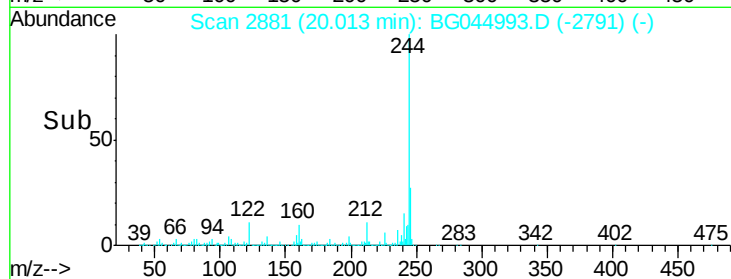
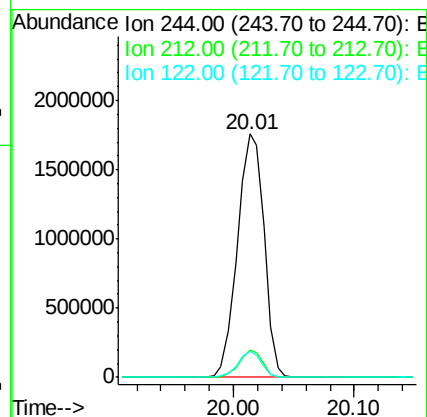
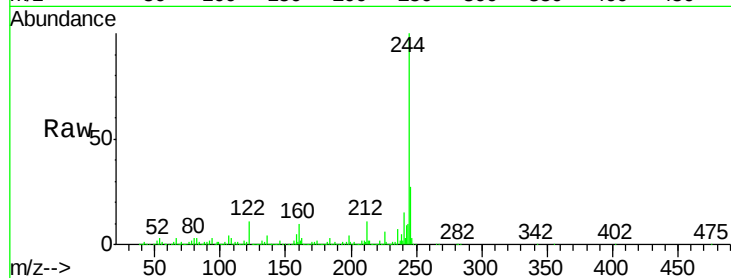
244 100

212 11.0 7.9 11.9

122 10.9 7.7 11.5

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#80

Butylbenzylphthalate

Concen: 51.091 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

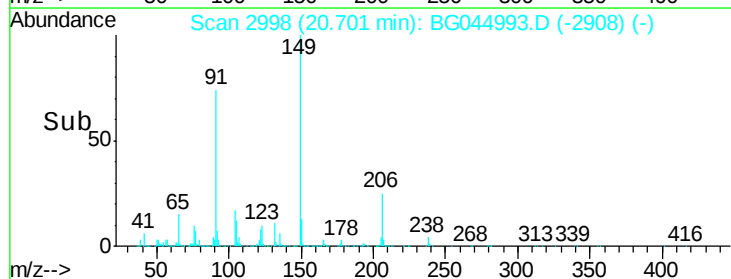
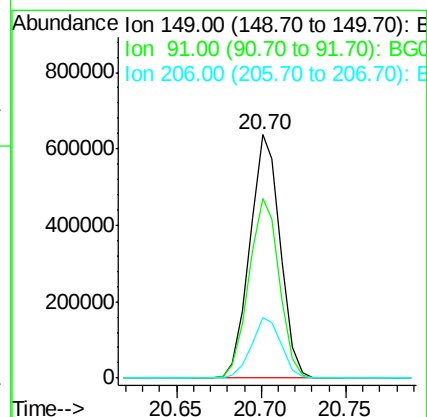
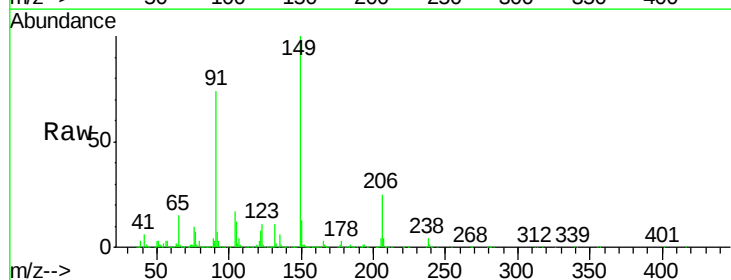
Tgt Ion:149 Resp: 795382

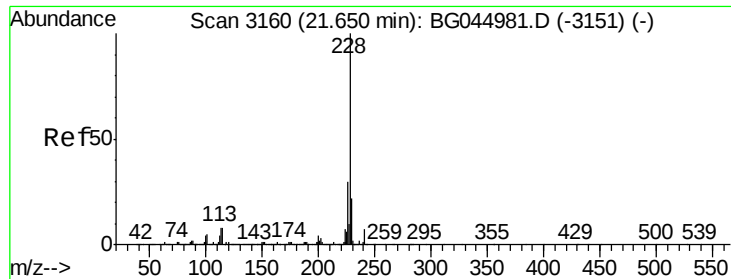
Ion Ratio Lower Upper

149 100

91 73.7 58.5 87.7

206 25.1 19.2 28.8





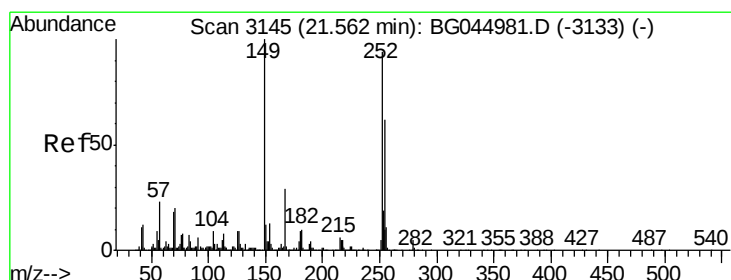
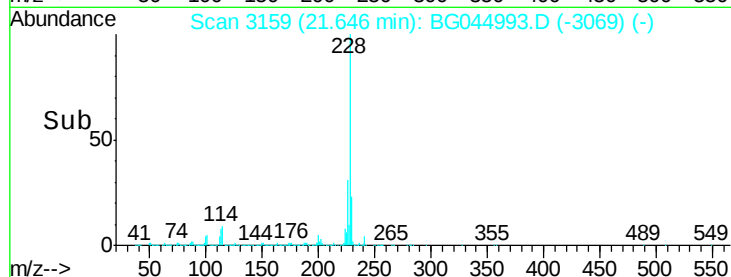
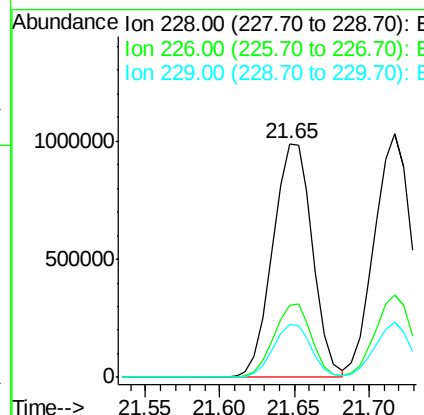
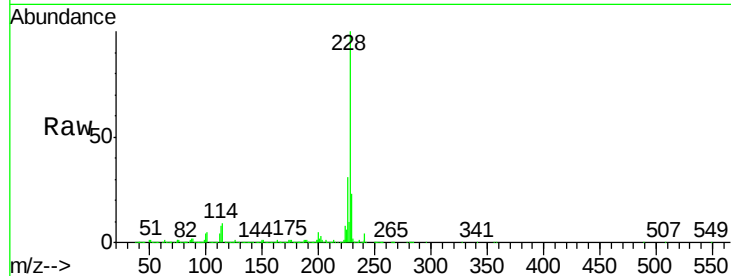
#81
Benzo(a)anthracene
Concen: 51.760 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.00 min
Lab File: BG044993.D
Acq: 15 Apr 2020 22:16

Instrument :
BNA_G
ClientSampleId :
TR-04-041420MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.0	36.0
229	22.7	17.5	26.3

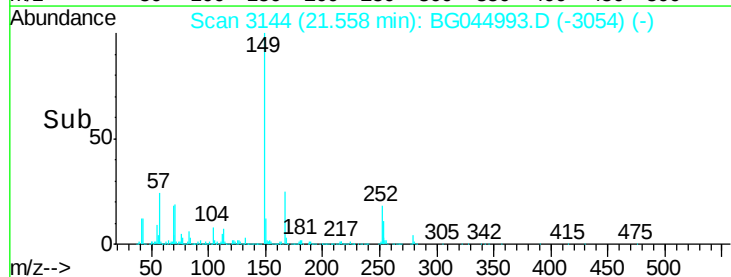
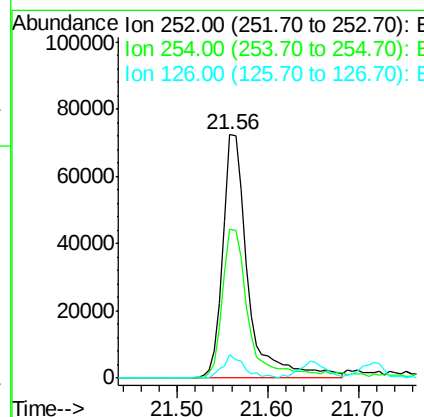
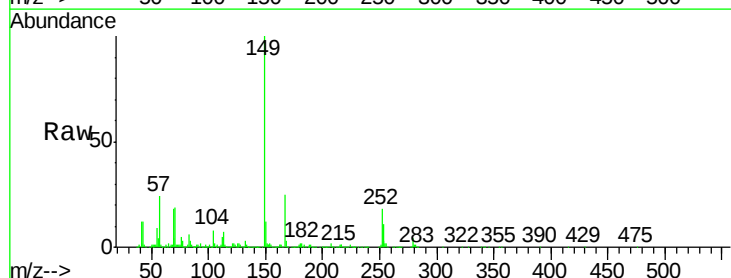
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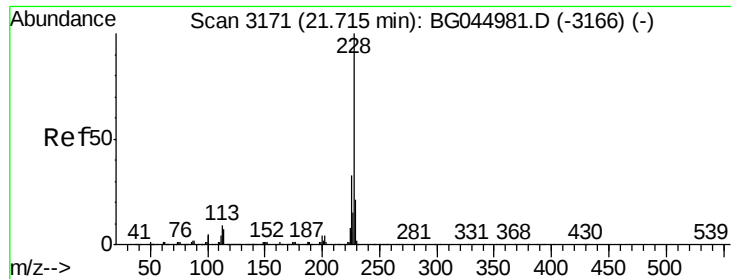
mohammad
4/16/2020 12:55:00 PM



#82
3,3'-Dichlorobenzidine
Concen: 9.937 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.00 min
Lab File: BG044993.D
Acq: 15 Apr 2020 22:16

Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.0	52.6	79.0
126	9.8	7.5	11.3





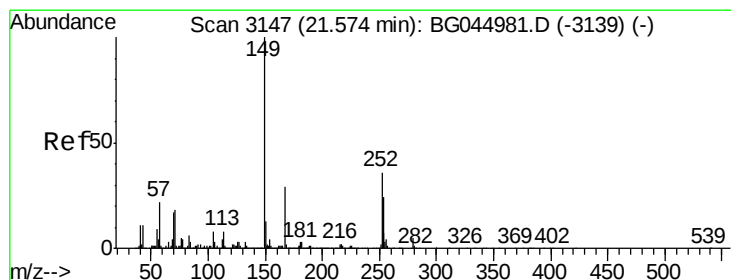
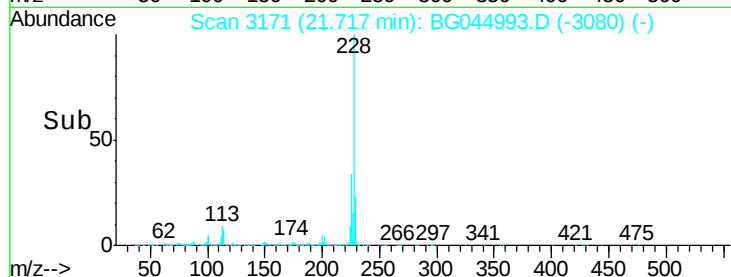
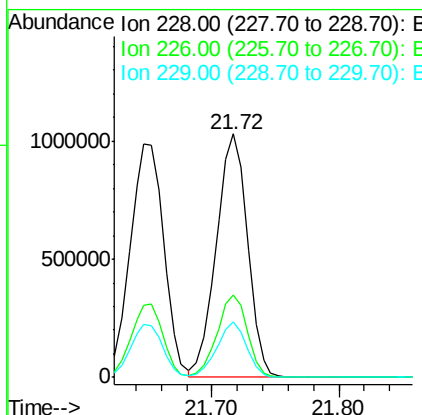
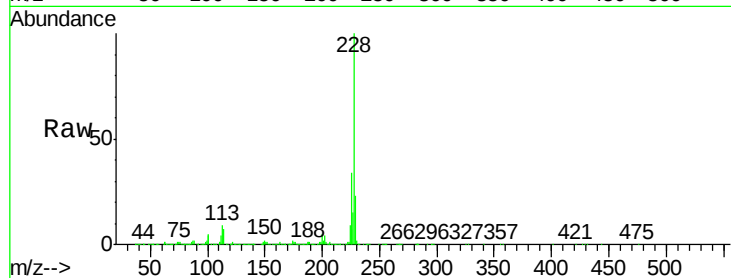
#83
Chrysene
Concen: 51.790 ng
RT: 21.72 min Scan# 3171
Delta R.T. 0.00 min
Lab File: BG044993.D
Acq: 15 Apr 2020 22:16

Instrument :
BNA_G
ClientSampleId :
TR-04-041420MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.6	26.2	39.4
229	22.9	17.0	25.6

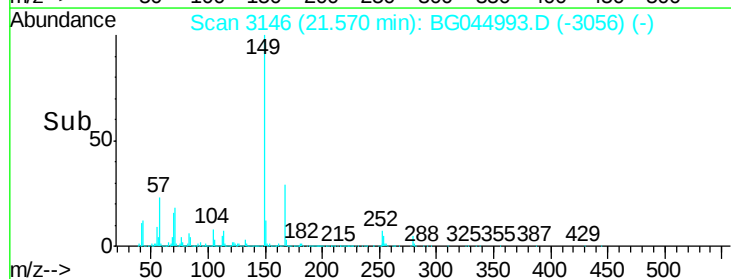
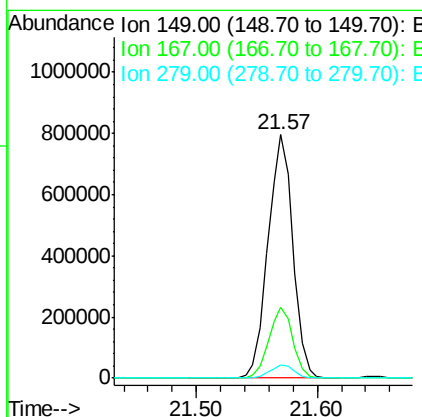
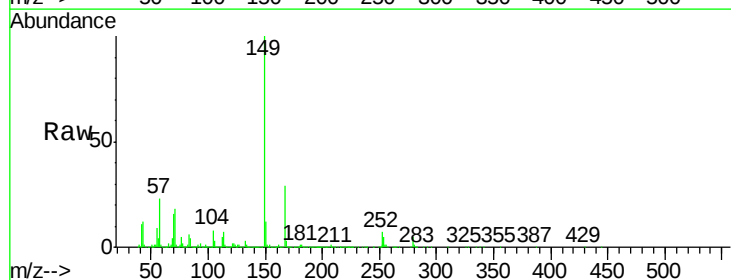
Manual Integrations
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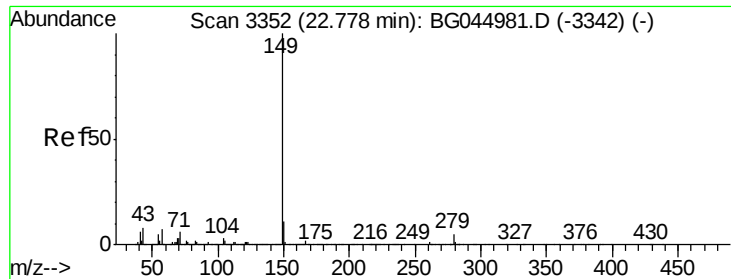
mohammad
4/16/2020 12:55:00 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 52.931 ng
RT: 21.57 min Scan# 3146
Delta R.T. -0.00 min
Lab File: BG044993.D
Acq: 15 Apr 2020 22:16

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.2	23.4	35.0
279	5.2	4.3	6.5





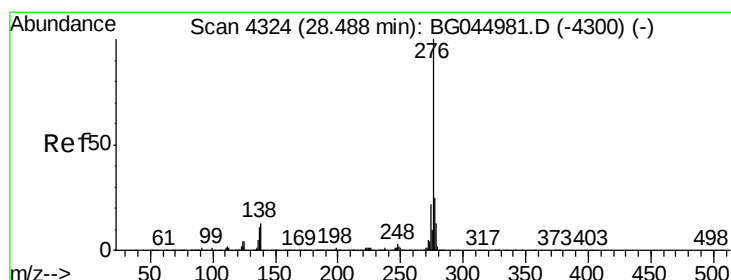
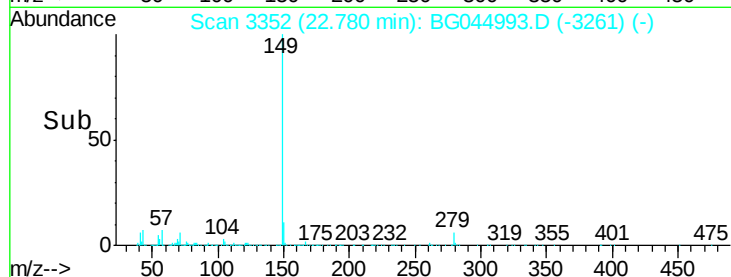
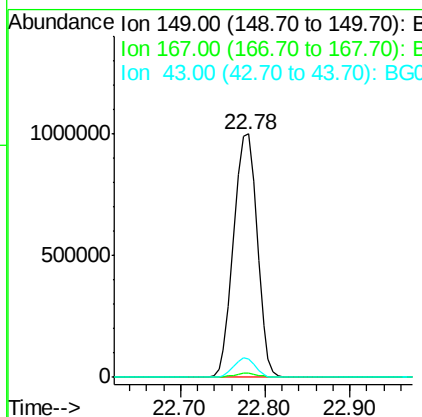
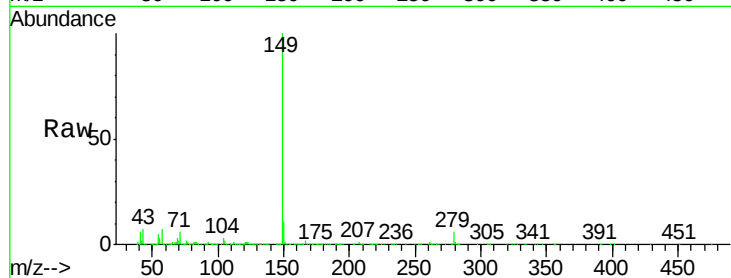
#85
Di-n-octyl phthalate
Concen: 52.049 ng
RT: 22.78 min Scan# 3352
Delta R.T. 0.00 min
Lab File: BG044993.D
Acq: 15 Apr 2020 22:16

Instrument :
BNA_G
ClientSampleId :
TR-04-041420MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	7.3	5.7	8.5

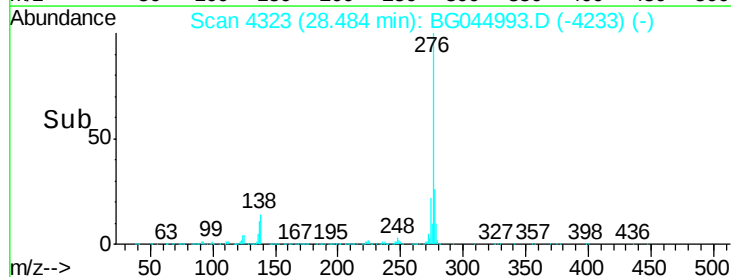
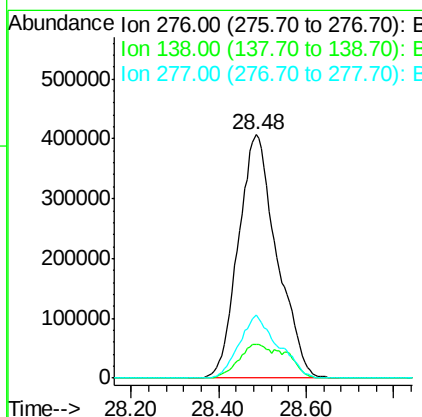
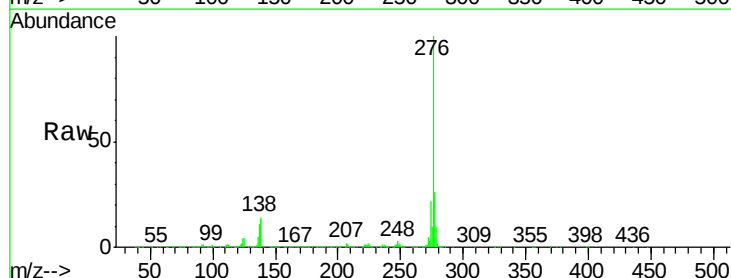
Manual Integrations
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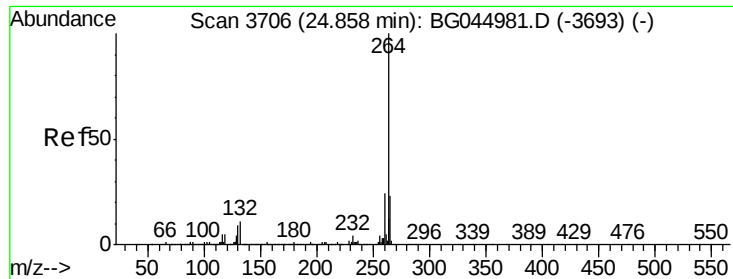
mohammad
4/16/2020 12:55:00 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 53.834 ng
RT: 28.48 min Scan# 4323
Delta R.T. -0.00 min
Lab File: BG044993.D
Acq: 15 Apr 2020 22:16

Tgt Ion	Ratio	Lower	Upper
276	100		
138	10.9	9.6	14.4
277	26.0	20.6	31.0





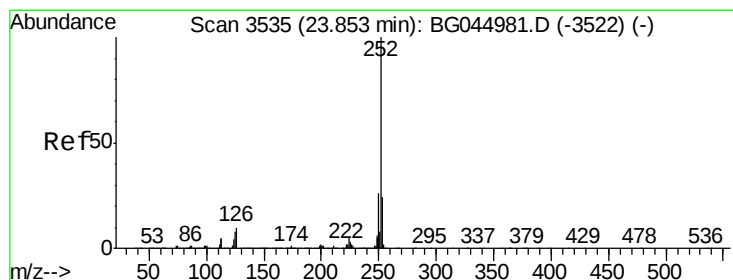
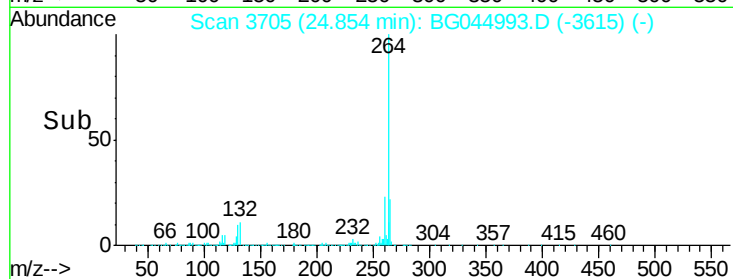
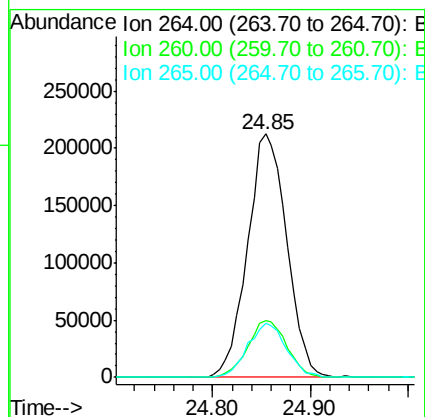
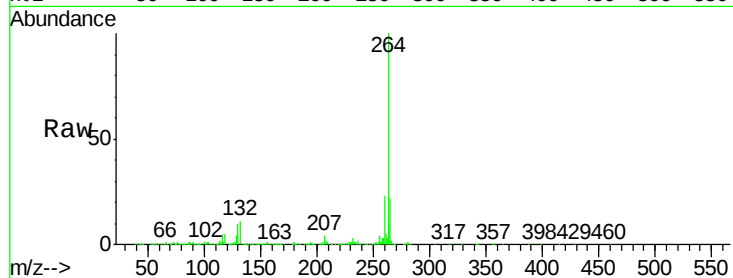
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3705
Delta R.T. -0.00 min
Lab File: BG044993.D
Acq: 15 Apr 2020 22:16

Instrument :
BNA_G
ClientSampleId :
TR-04-041420MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.4	19.0	28.4

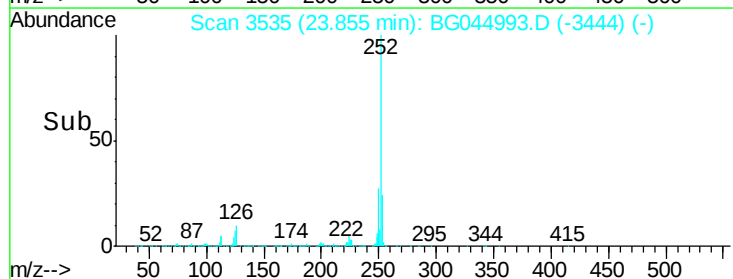
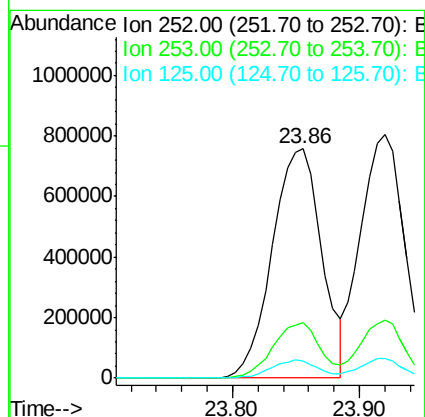
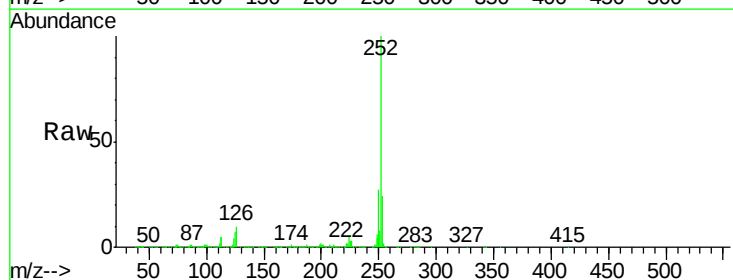
Manual Integrations
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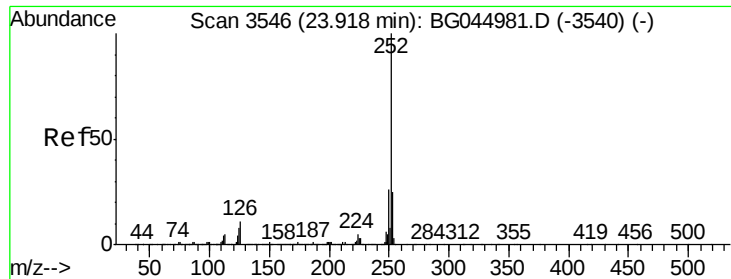
mohammad
4/16/2020 12:55:00 PM



#88
Benzo(b)fluoranthene
Concen: 54.958 ng
RT: 23.86 min Scan# 3535
Delta R.T. 0.00 min
Lab File: BG044993.D
Acq: 15 Apr 2020 22:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.8	28.2
125	7.4	6.2	9.4





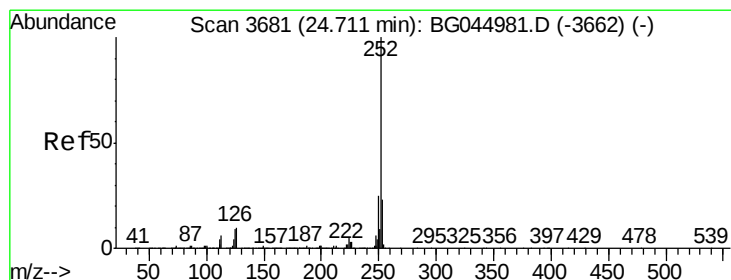
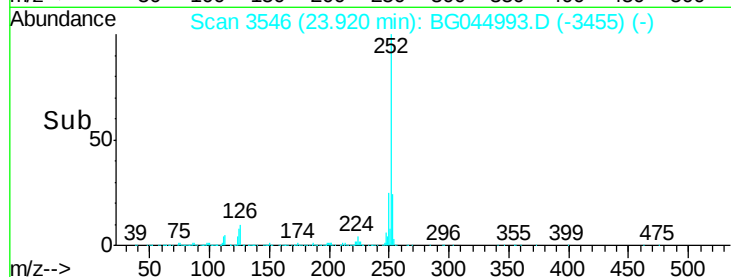
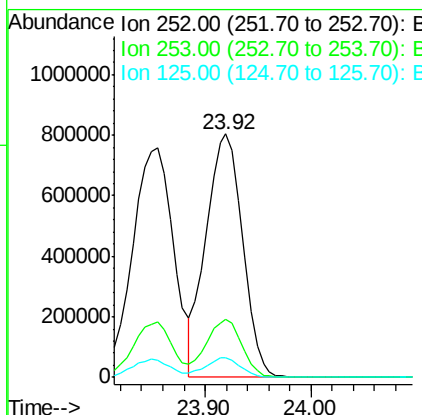
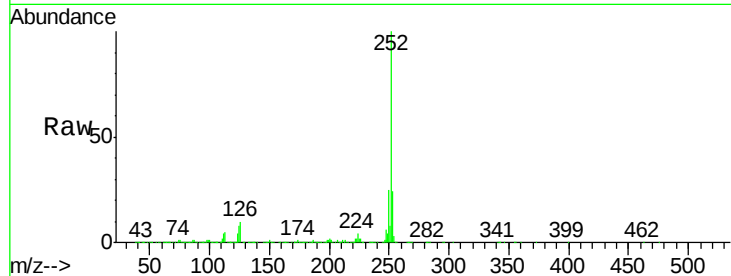
#89
Benzo(k)fluoranthene
Concen: 54.375 ng
RT: 23.92 min Scan# 3546
Delta R.T. 0.00 min
Lab File: BG044993.D
Acq: 15 Apr 2020 22:16

Instrument :
BNA_G
ClientSampleId :
TR-04-041420MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.2	28.8
125	7.8	5.9	8.9

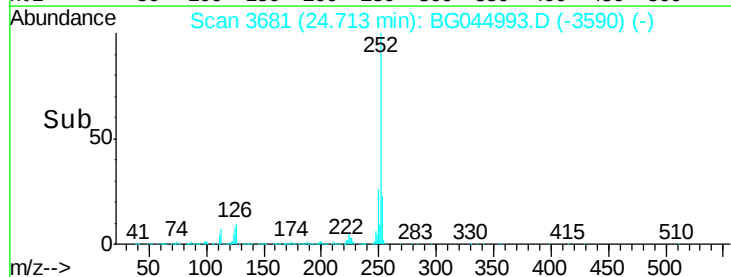
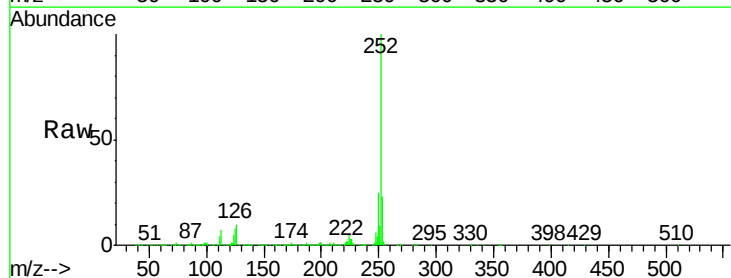
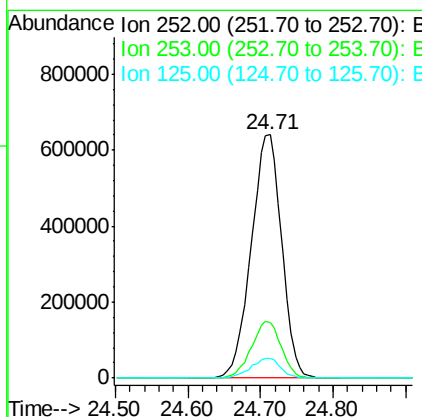
Manual Integrations
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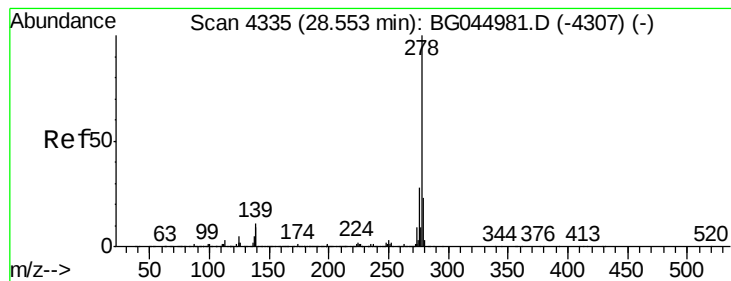
mohammad
4/16/2020 12:55:00 PM



#90
Benzo(a)pyrene
Concen: 52.779 ng
RT: 24.71 min Scan# 3681
Delta R.T. 0.00 min
Lab File: BG044993.D
Acq: 15 Apr 2020 22:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.3	27.5
125	8.2	7.0	10.6





#91

Dibenzo(a,h)anthracene

Concen: 55.404 ng

RT: 28.55 min Scan# 4334

Delta R.T. -0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Instrument :

BNA_G

ClientSampleId :

TR-04-041420MS

Tot Ion:278 Resp: 1968579

Ion Ratio Lower Upper

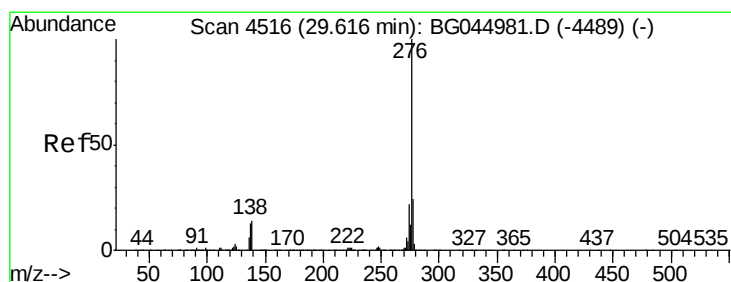
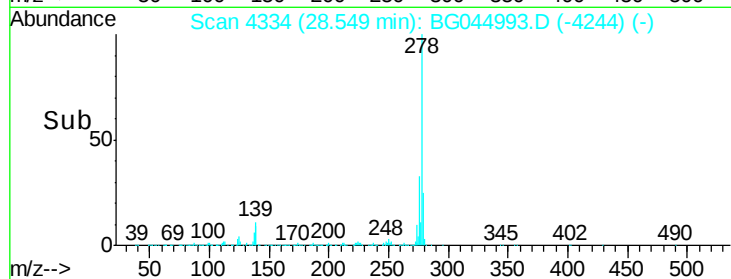
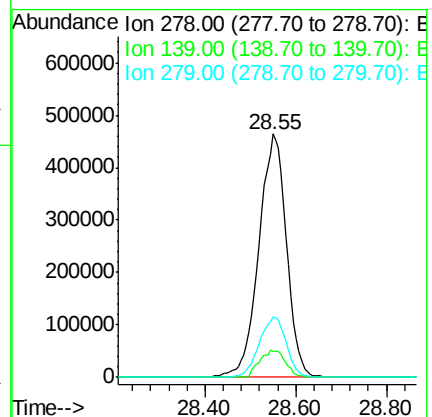
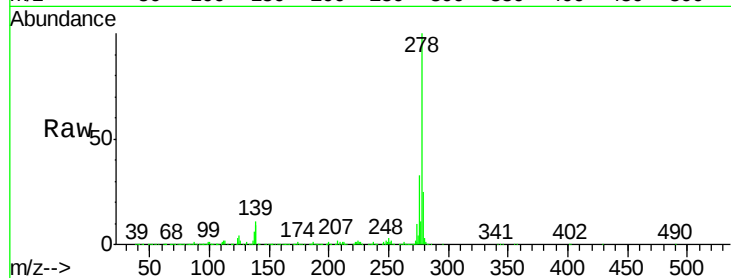
278 100

139 10.8 9.0 13.6

279 24.7 18.4 27.6

Manual Integrations
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mohammad
4/16/2020 12:55:00 PM



#92

Benzo(g,h,i)perylene

Concen: 54.940 ng

RT: 29.62 min Scan# 4516

Delta R.T. 0.00 min

Lab File: BG044993.D

Acq: 15 Apr 2020 22:16

Tgt Ion:276 Resp: 1957088

Ion Ratio Lower Upper

276 100

277 23.8 19.3 28.9

138 13.7 11.4 17.2

