

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031020\
 Data File : BG044713.D
 Acq On : 10 Mar 2020 13:46
 Operator : CG/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Manual Integrations
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 3/11/2020 4:57:04 PM

Quant Time: Mar 10 14:41:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 14:03:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	103538	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	398876	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	269945	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	586515	20.00	ng	0.00
76) Chrysene-d12	21.71	240	508710	20.00	ng	0.00
87) Perylene-d12	24.93	264	591545	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	807245	117.09	ng	0.00
7) Phenol-d6	7.21	99	1160032	111.32	ng	0.00
23) Nitrobenzene-d5	9.22	82	1128218	128.78	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	434509	117.18	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	2195950	113.32	ng	0.00
79) Terphenyl-d14	20.06	244	2991551	104.97	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.53	88	194071	58.728	ng	99
3) Pyridine	3.92	79	543808	53.076	ng	97
4) n-Nitrosodimethylamine	3.83	42	229350	52.919	ng	# 95
6) Aniline	7.38	93	728087	55.774	ng	98
8) 2-Chlorophenol	7.62	128	399494	57.174	ng	99
9) Benzaldehyde	7.19	77	301968	49.370	ng	98
10) Phenol	7.24	94	570349	55.561	ng	98
11) bis(2-Chloroethyl)ether	7.48	93	457337	57.982	ng	99
12) 1,3-Dichlorobenzene	7.95	146	485715	58.450	ng	97
13) 1,4-Dichlorobenzene	8.09	146	481936	58.050	ng	99
14) 1,2-Dichlorobenzene	8.42	146	456916	58.223	ng	96
15) Benzyl Alcohol	8.29	79	475011	52.838	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	805589	54.059	ng	99
17) 2-Methylphenol	8.49	107	388929	55.296	ng	90
18) Hexachloroethane	9.15	117	190183	57.116	ng	99
19) n-Nitroso-di-n-propylamine	8.87	70	408942	52.530	ng	99
20) 3+4-Methylphenols	8.82	107	546067	55.730	ng	96
22) Acetophenone	8.88	105	685808	58.896	ng	98
24) Nitrobenzene	9.26	77	580240	62.470	ng	98
25) Isophorone	9.79	82	1081037	55.956	ng	98
26) 2-Nitrophenol	9.97	139	205633	67.700	ng	94
27) 2,4-Dimethylphenol	10.03	122	355199	58.602	ng	98
28) bis(2-Chloroethoxy)methane	10.27	93	643285	59.145	ng	96
29) 2,4-Dichlorophenol	10.51	162	417634	60.558	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	493364	61.586	ng	99
31) Naphthalene	10.92	128	1328947	59.369	ng	99
32) Benzoic acid	10.19	122	285944	67.268	ng	93
33) 4-Chloroaniline	11.01	127	596208	57.827	ng	99
34) Hexachlorobutadiene	11.22	225	326234	59.605	ng	98
35) Caprolactam	11.80	113	164303	57.072	ng	96
36) 4-Chloro-3-methylphenol	12.14	107	499443	57.185	ng	95
37) 2-Methylnaphthalene	12.52	142	991993	58.724	ng	99
38) 1-Methylnaphthalene	12.74	142	929721	58.220	ng	94
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	526704	60.103	ng	99

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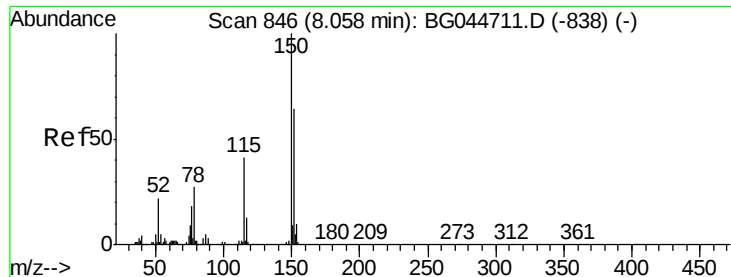
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	299435	58.433	nq	97
43) 2,4,6-Trichlorophenol	13.12	196	367305	60.460	nq	100
44) 2,4,5-Trichlorophenol	13.19	196	373851	60.004	nq	99
46) 1,1'-Biphenyl	13.53	154	1277324	59.493	nq	96
47) 2-Chloronaphthalene	13.57	162	978311	59.735	nq	98
48) 2-Nitroaniline	13.76	65	370726	67.118	nq	98
49) Acenaphthylene	14.42	152	1508044	57.474	nq	99
50) Dimethylphthalate	14.15	163	1266144	56.418	nq	99
51) 2,6-Dinitrotoluene	14.26	165	269399	66.806	nq	98
52) Acenaphthene	14.76	154	1011096	59.596	nq	99
53) 3-Nitroaniline	14.59	138	310207	66.750	nq	99
54) 2,4-Dinitrophenol	14.79	184	124435	66.460	nq	# 76
55) Dibenzofuran	15.09	168	1426627	56.118	nq	96
56) 4-Nitrophenol	14.89	139	236486	65.402	nq	99
57) 2,4-Dinitrotoluene	15.04	165	374175	69.443	nq	97
58) Fluorene	15.74	166	1185577	56.385	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.31	232	339460m	57.247	nq	
60) Diethylphthalate	15.52	149	1319727	55.004	nq	99
61) 4-Chlorophenyl-phenylether	15.74	204	640930	56.176	nq	98
62) 4-Nitroaniline	15.75	138	319089	62.338	nq	99
63) Azobenzene	16.03	77	1352123	53.850	nq	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	170386	71.109	nq	94
66) n-Nitrosodiphenylamine	15.95	169	1058562	59.030	nq	99
67) 4-Bromophenyl-phenylether	16.63	248	440307	59.524	nq	99
68) Hexachlorobenzene	16.75	284	486033	60.851	nq	99
69) Atrazine	16.89	200	386275	55.739	nq	99
70) Pentachlorophenol	17.08	266	282949	62.430	nq	98
71) Phenanthrene	17.48	178	1878101	58.398	nq	98
72) Anthracene	17.57	178	1835650	57.951	nq	100
73) Carbazole	17.83	167	1775864	58.541	nq	99
74) Di-n-butylphthalate	18.41	149	2139167	55.991	nq	98
75) Fluoranthene	19.49	202	2200784	56.622	nq	98
77) Benzidine	19.66	184	949500	46.757	nq	97
78) Pyrene	19.85	202	2186802	56.358	nq	95
80) Butylbenzylphthalate	20.74	149	1042453	60.190	nq	95
81) Benzo(a)anthracene	21.69	228	2162023	56.673	nq	97
82) 3,3'-Dichlorobenzidine	21.61	252	856031	56.358	nq	99
83) Chrysene	21.76	228	2079688	57.273	nq	96
84) Bis(2-ethylhexyl)phthalate	21.62	149	1398407	57.899	nq	99
85) Di-n-octyl phthalate	22.86	149	2367490	57.080	nq	98
86) Indeno(1,2,3-cd)pyrene	28.60	276	2800231	58.391	nq	99
88) Benzo(b)fluoranthene	23.92	252	2363871	58.714	nq	99
89) Benzo(k)fluoranthene	23.99	252	2263264	59.973	nq	98
90) Benzo(a)pyrene	24.79	252	2230021	59.472	nq	97
91) Dibenzo(a,h)anthracene	28.69	278	2226180	59.539	nq	99
92) Benzo(g,h,i)perylene	29.74	276	2250951	60.101	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

Instrument :

BNA_G

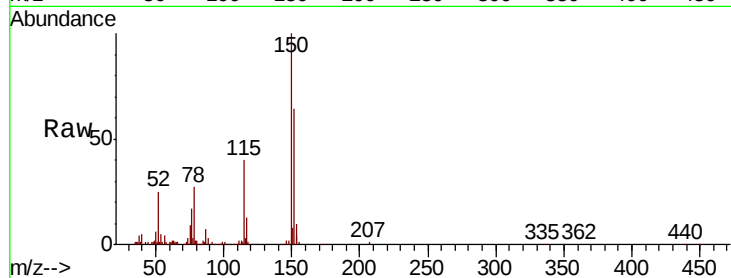
ClientSampleId :

SSTDIC060

Tot Ion:	152	Resp:	103538
Ion	Ratio	Lower	Upper
152	100		
150	155.8	125.3	187.9
115	62.5	51.7	77.5

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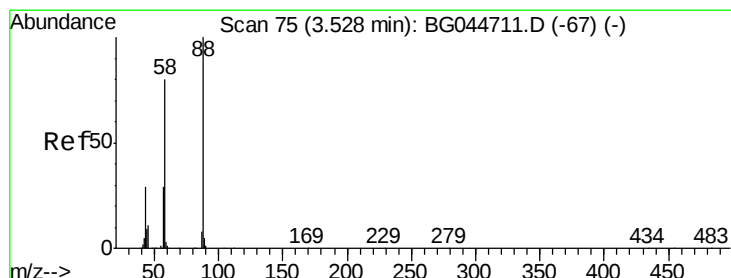
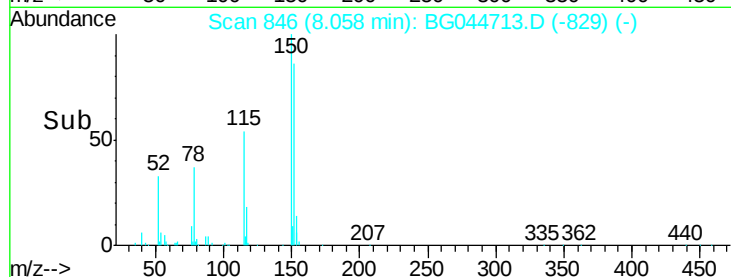
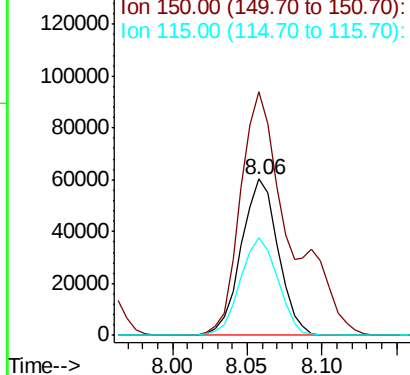


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 58.728 ng

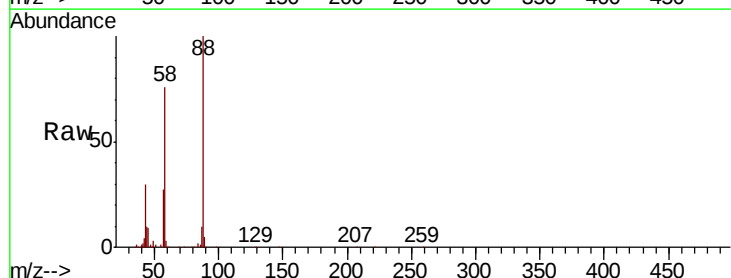
RT: 3.53 min Scan# 76

Delta R.T. 0.01 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

Tgt Ion:	88	Resp:	194071
Ion	Ratio	Lower	Upper
88	100		
58	77.8	63.0	94.4
43	29.9	23.2	34.8

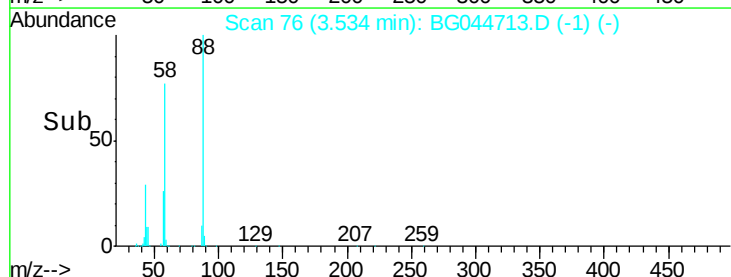
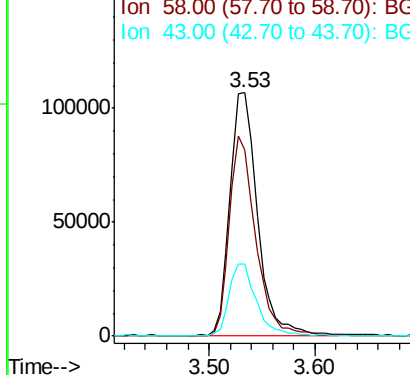


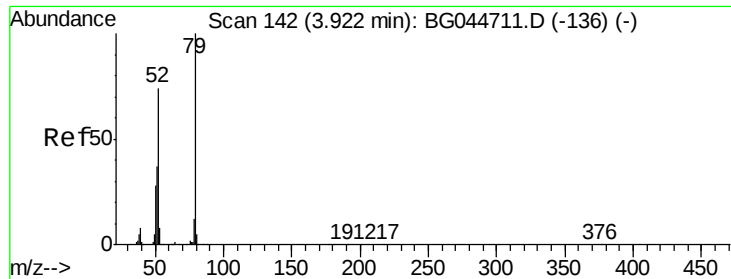
Abundance

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





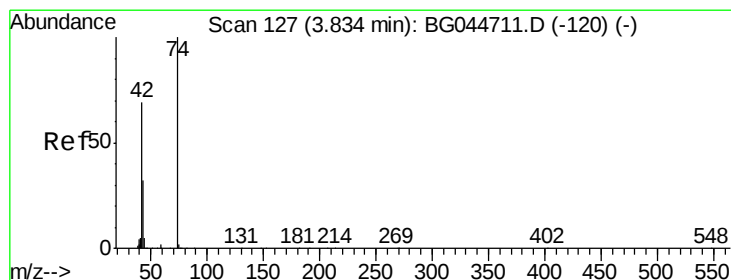
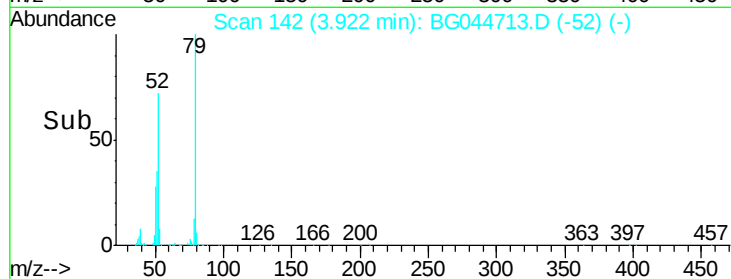
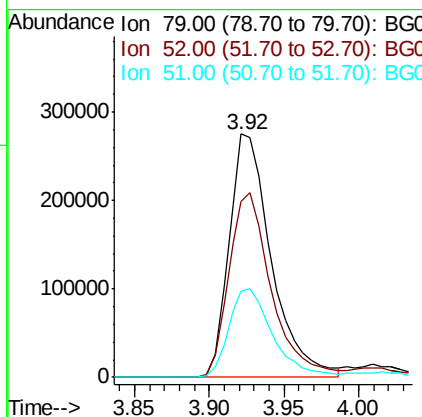
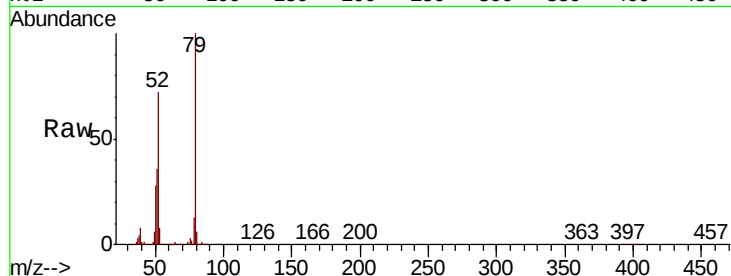
#3
 Pvridine
 Concen: 53.076 ng
 RT: 3.92 min Scan# 142
 Delta R.T. -0.00 min
 Lab File: BG044713.D
 Acq: 10 Mar 2020 13:46

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
79	100		
52	72.1	59.4	89.2
51	35.7	29.7	44.5

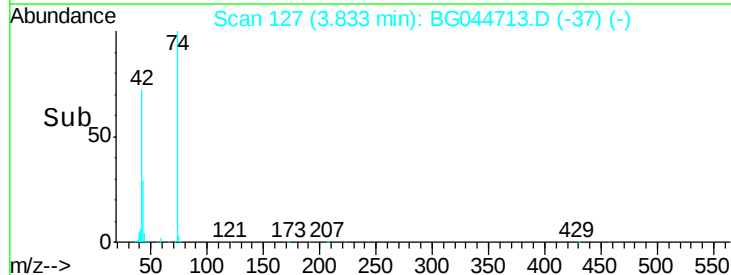
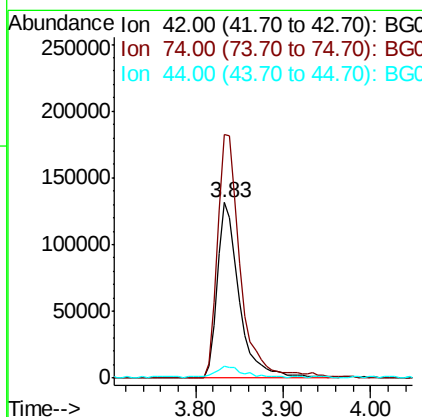
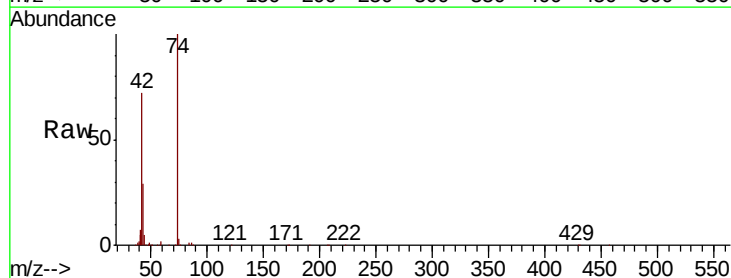
Manual Integrations
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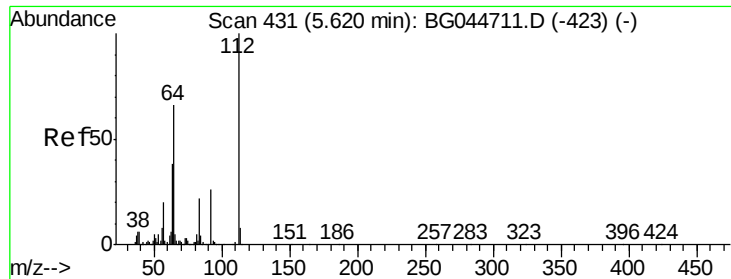
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#4
 n-Nitrosodimethylamine
 Concen: 52.919 ng
 RT: 3.83 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: BG044713.D
 Acq: 10 Mar 2020 13:46

Tgt Ion	Ratio	Lower	Upper
42	100		
74	139.0	116.1	174.1
44	6.9	7.1	10.7#





#5

2-Fluorophenol

Concen: 117.092 ng

RT: 5.63 min Scan# 432

Delta R.T. 0.01 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

Instrument :

BNA_G

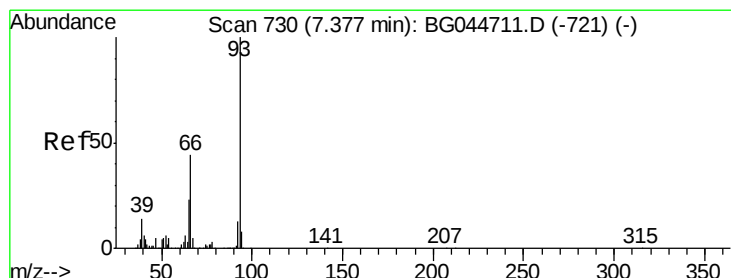
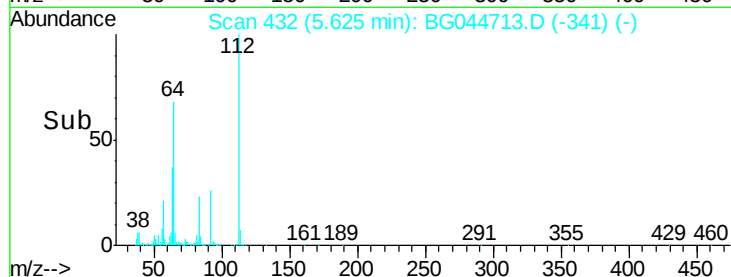
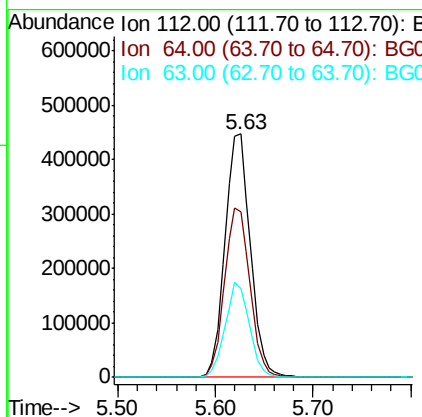
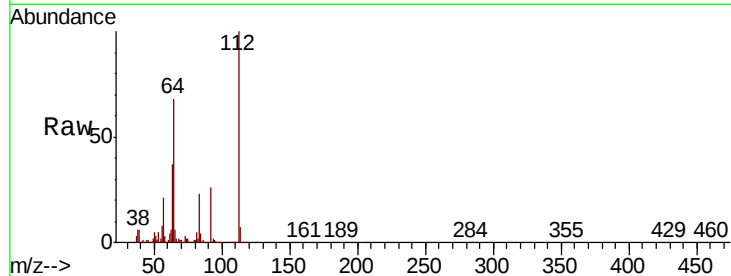
ClientSampleId :

SSTDICC060

Tot Ion:	112	Resp:	807245
Ion Ratio	Lower	Upper	
112	100		
64	67.8	52.6	78.8
63	36.7	30.2	45.4

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#6

Aniline

Concen: 55.774 ng

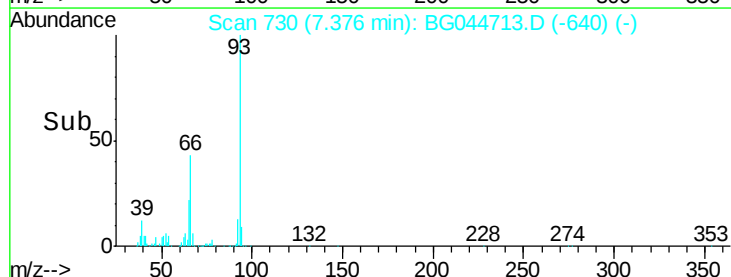
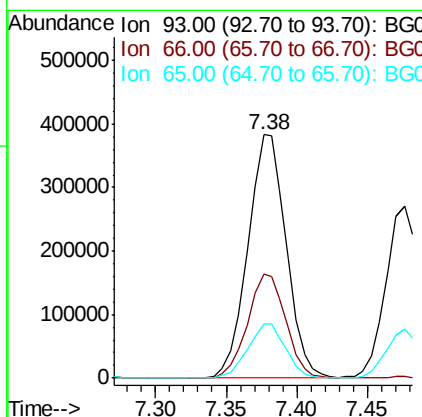
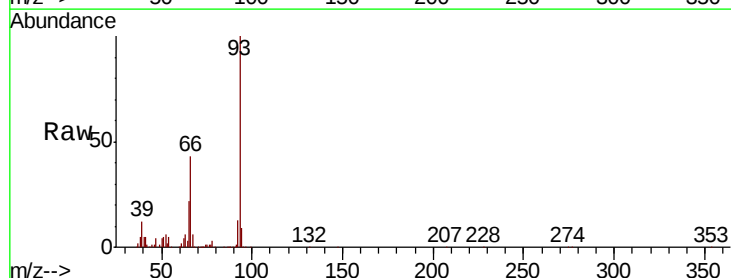
RT: 7.38 min Scan# 730

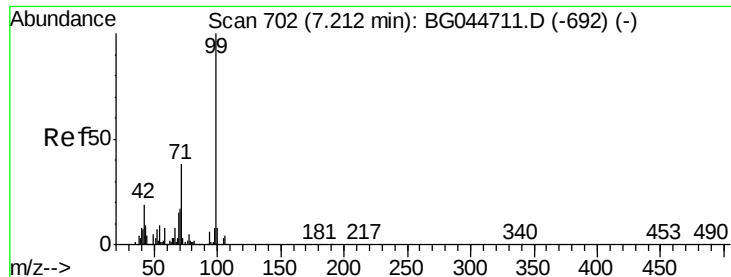
Delta R.T. -0.00 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

Tgt Ion:	93	Resp:	728087
Ion Ratio	Lower	Upper	
93	100		
66	42.6	35.3	52.9
65	22.3	18.2	27.4





#7

Phenol-d6

Concen: 111.319 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tot Ion: 99 Resp: 1160032

Ion Ratio Lower Upper

99 100

42 19.4 15.4 23.0

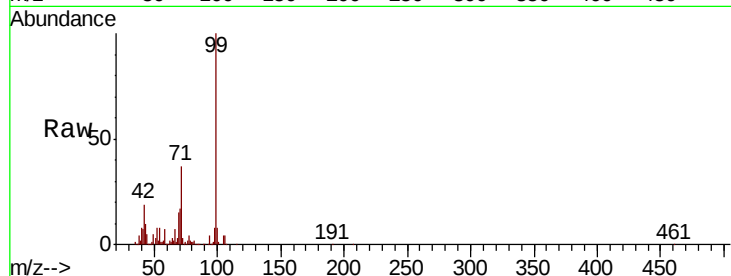
71 36.6 30.2 45.4

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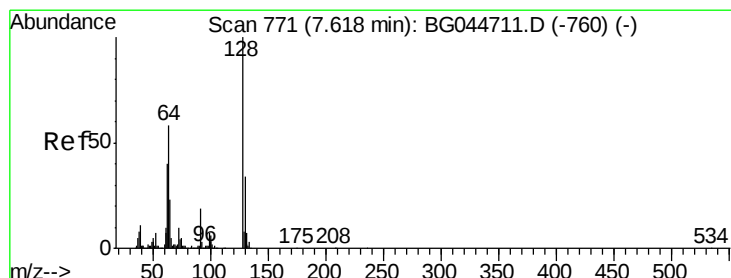
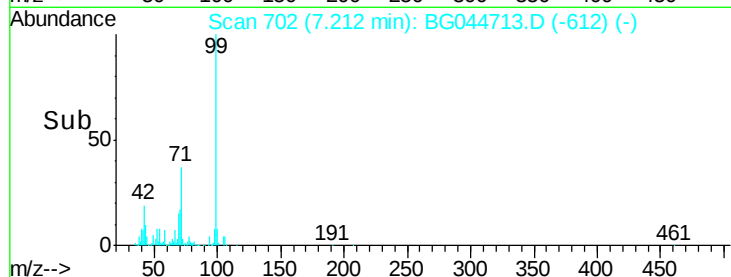
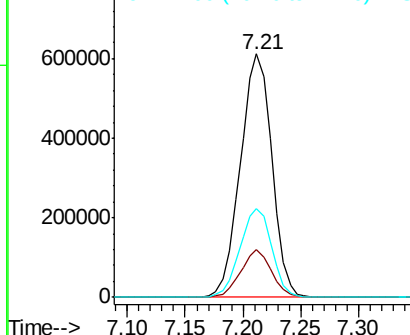
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 57.174 ng

RT: 7.62 min Scan# 772

Delta R.T. 0.01 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

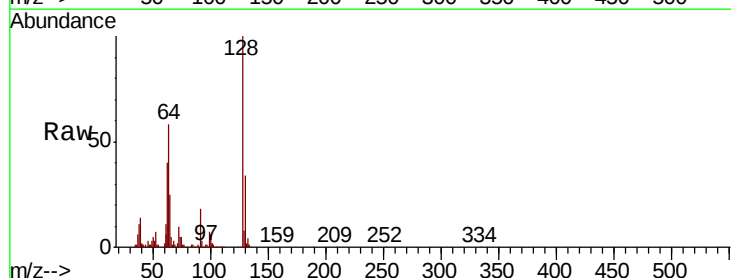
Tgt Ion: 128 Resp: 399494

Ion Ratio Lower Upper

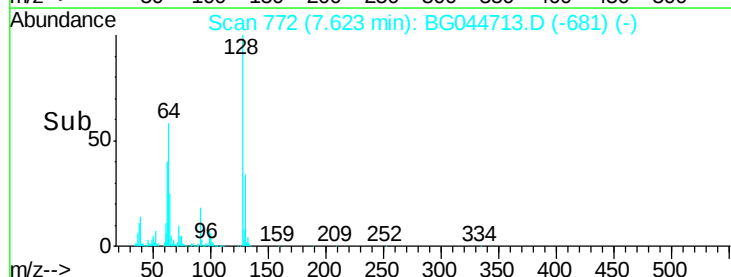
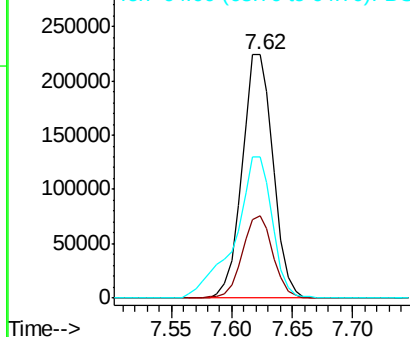
128 100

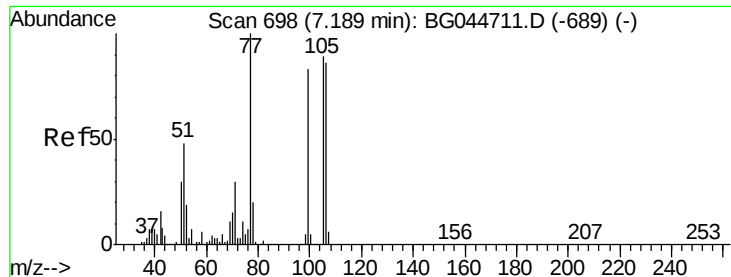
130 33.9 13.6 53.6

64 58.0 38.6 78.6



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 49.370 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

Instrument :

BNA_G

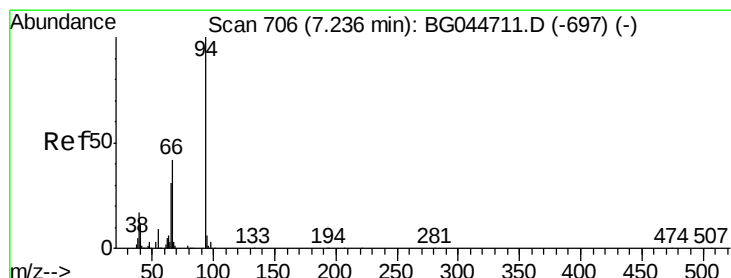
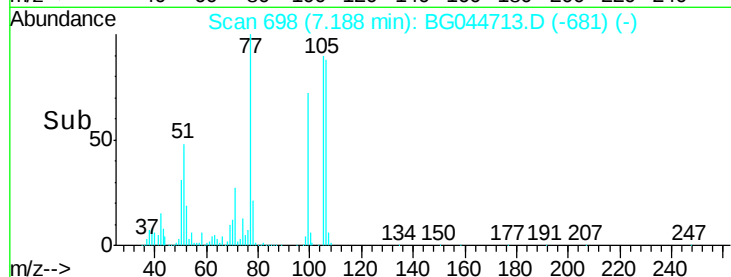
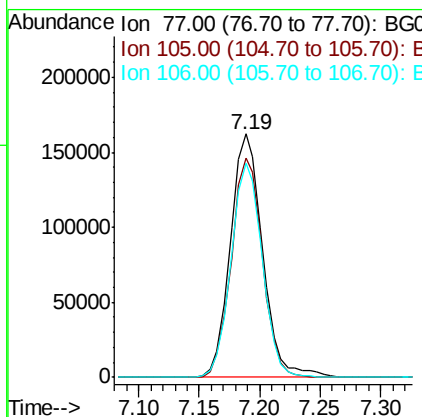
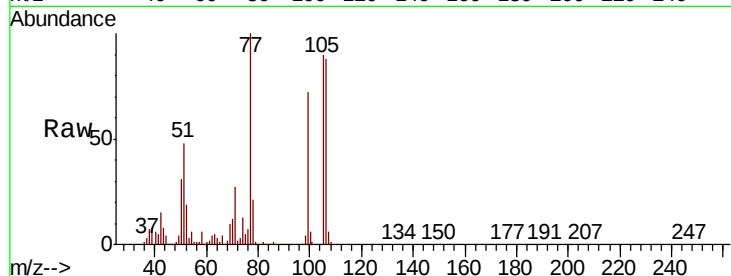
ClientSampleId :

SSTDIC060

Tot Ion:	77	Resp:	301968
Ion	Ratio	Lower	Upper
77	100		
105	90.2	68.6	108.6
106	88.2	65.9	105.9

Manual Integrations
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#10

Phenol

Concen: 55.561 ng

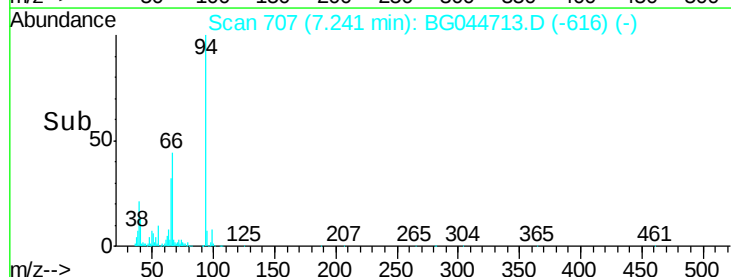
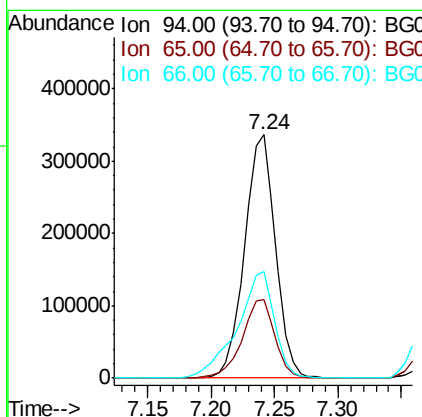
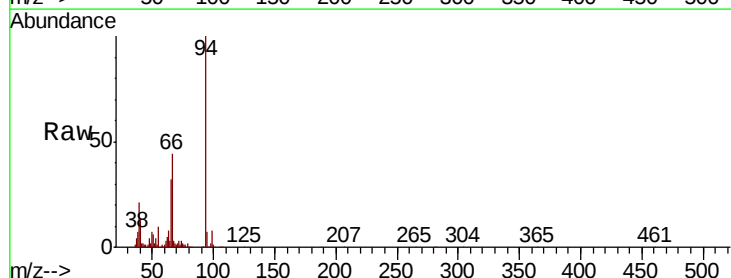
RT: 7.24 min Scan# 707

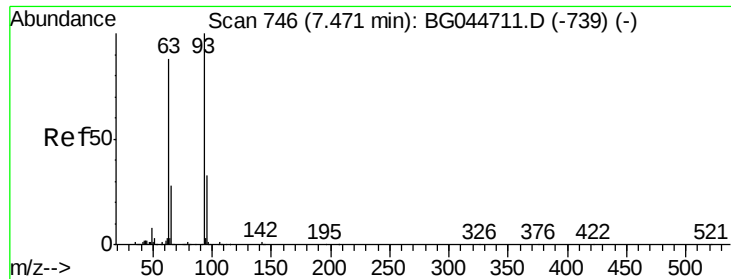
Delta R.T. 0.01 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

Tgt Ion:	94	Resp:	570349
Ion	Ratio	Lower	Upper
94	100		
65	32.3	11.3	51.3
66	43.9	22.9	62.9





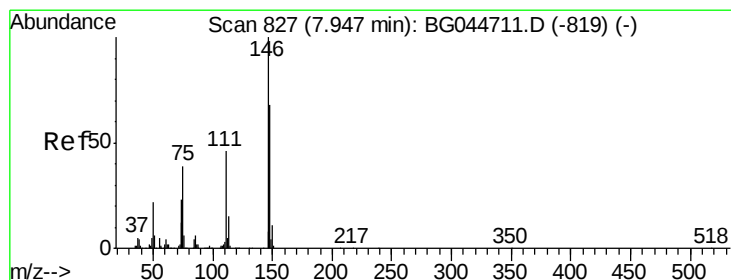
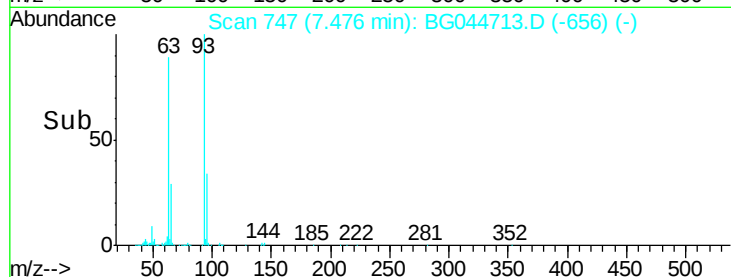
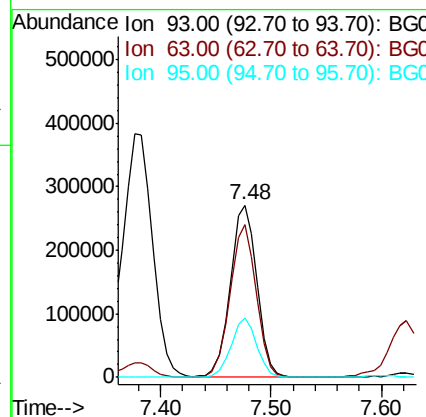
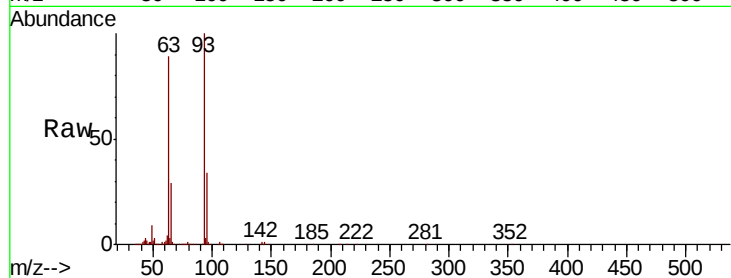
#11
bis(2-Chloroethyl)ether
Concen: 57.982 ng
RT: 7.48 min Scan# 747
Delta R.T. 0.01 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.8	68.1	108.1
95	34.2	12.4	52.4

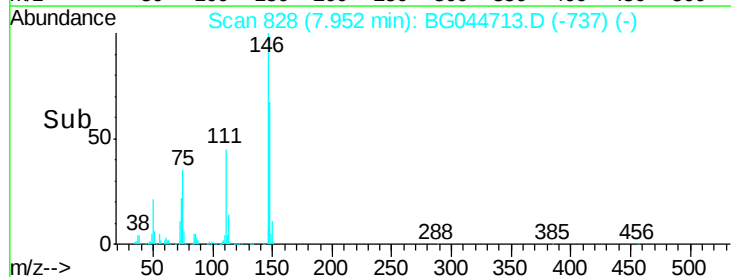
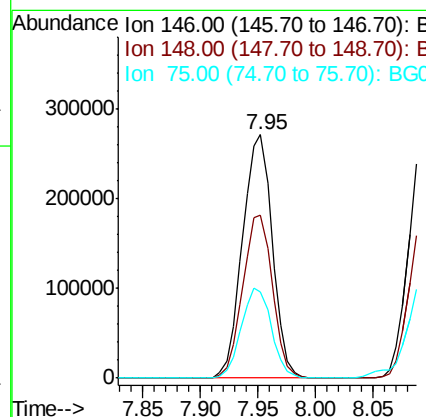
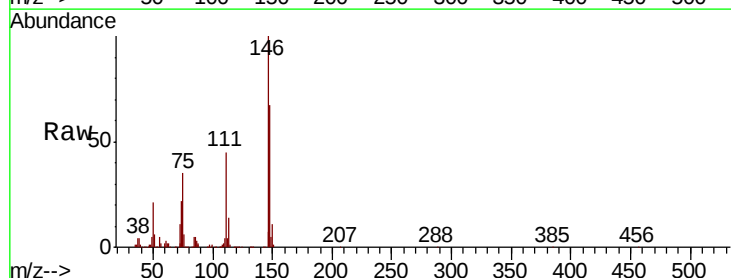
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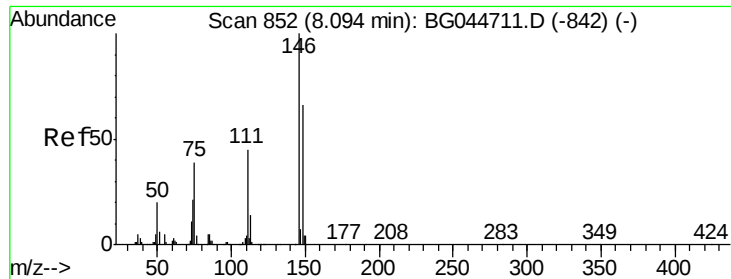
mohammad
3/11/2020 4:57:04 PM



#12
1,3-Dichlorobenzene
Concen: 58.450 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.01 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.0	54.2	81.2
75	35.4	31.3	46.9





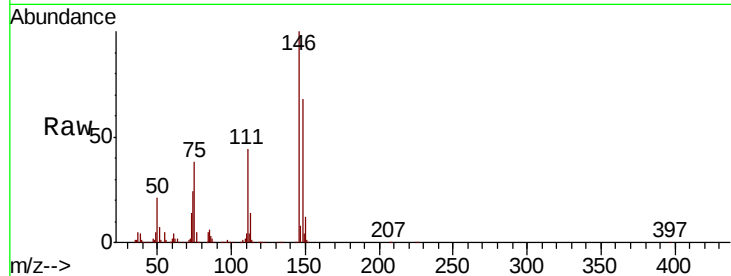
#13
 1,4-Dichlorobenzene
 Concen: 58.050 ng
 RT: 8.09 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BG044713.D
 Acq: 10 Mar 2020 13:46

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.6	52.9	79.3
111	44.0	35.6	53.4

Manual Integrations
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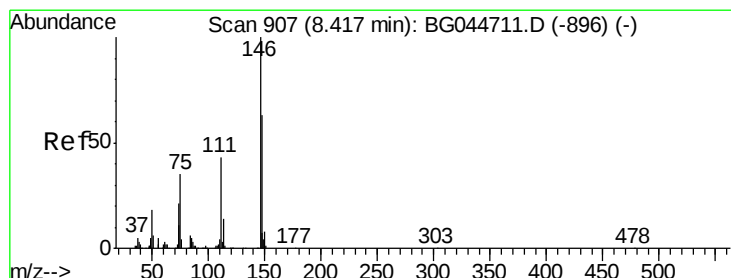
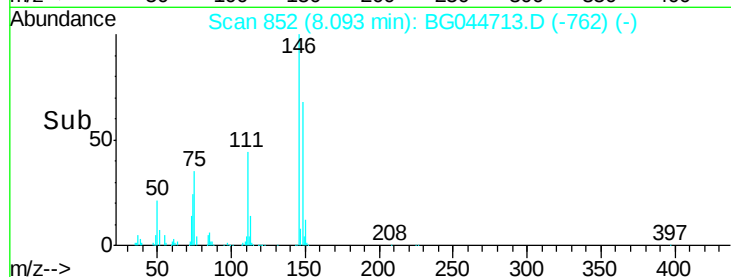
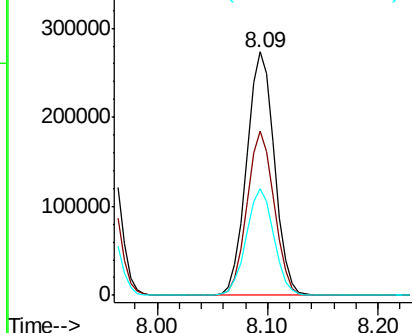


Abundance

Ion 146.00 (145.70 to 146.70): E

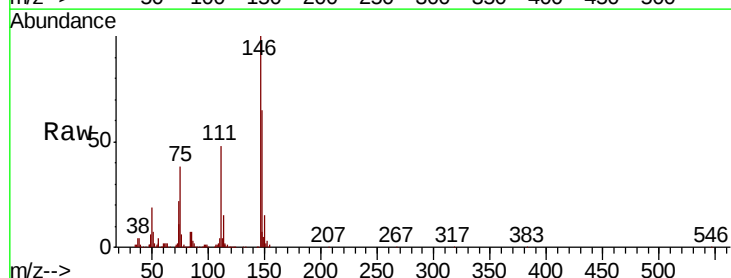
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 58.223 ng
 RT: 8.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BG044713.D
 Acq: 10 Mar 2020 13:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.8	76.2
111	48.0	34.8	52.2

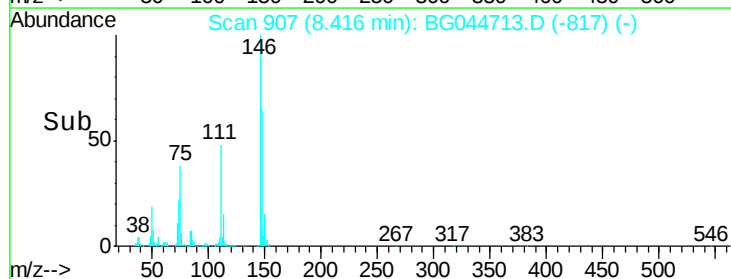
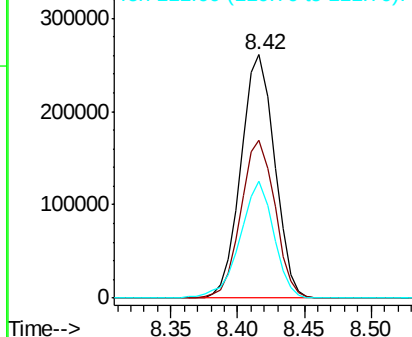


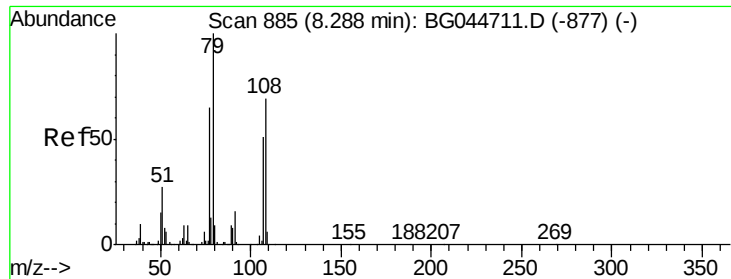
Abundance

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





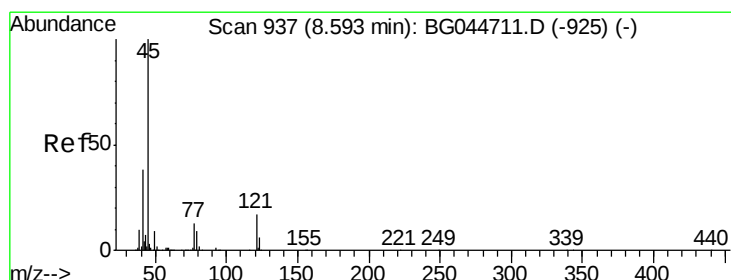
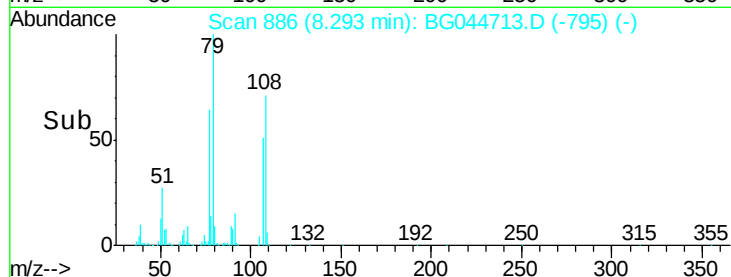
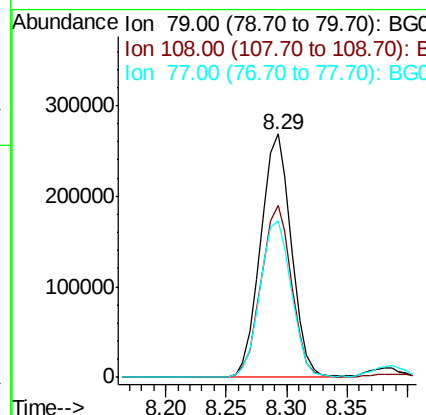
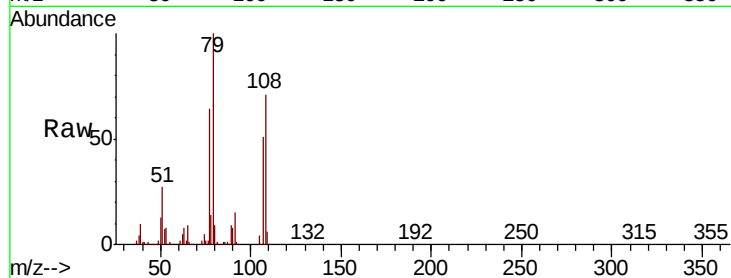
#15
Benzyl Alcohol
Concen: 52.838 ng
RT: 8.29 min Scan# 886
Delta R.T. 0.01 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
79	100		
108	70.5	55.4	83.0
77	64.2	52.2	78.4

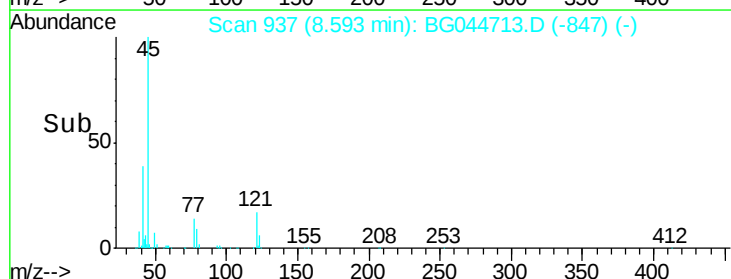
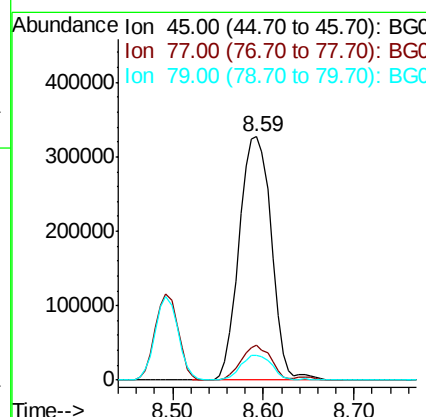
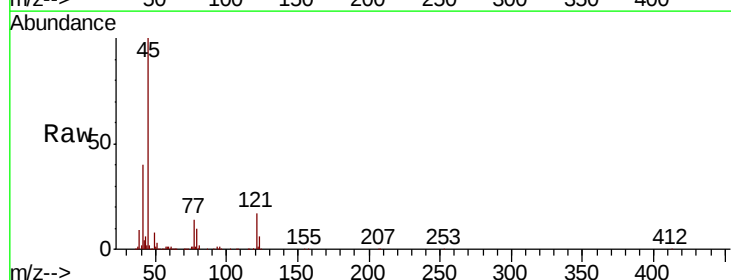
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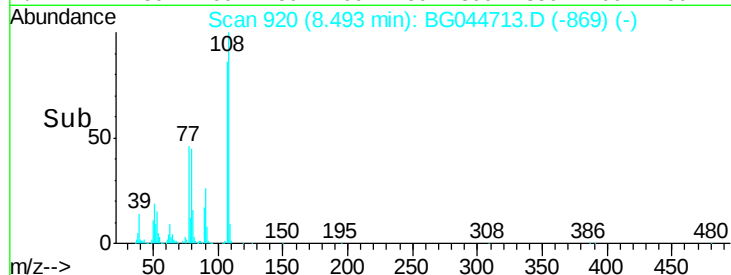
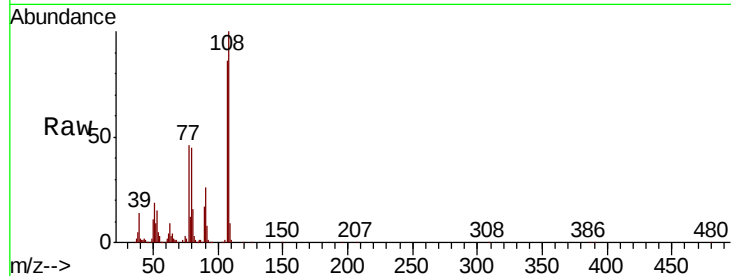
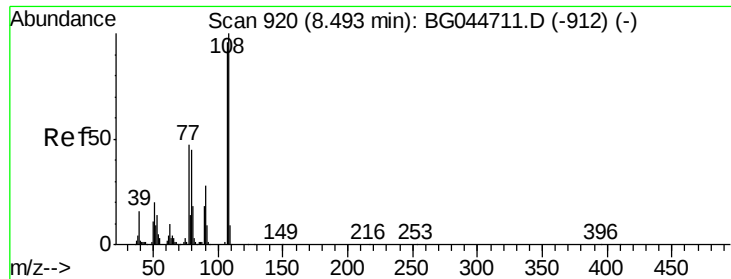
mohammad
3/11/2020 4:57:04 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 54.059 ng
RT: 8.59 min Scan# 937
Delta R.T. -0.00 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.3	0.0	33.4
79	10.0	0.0	30.0





#17

2-Methylphenol

Concen: 55.296 ng

RT: 8.49 min Scan# 920

Delta R.T. -0.00 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.6	83.2	124.8	
77	53.8	39.0	58.6	
79	52.5	37.6	56.4	

Instrument :

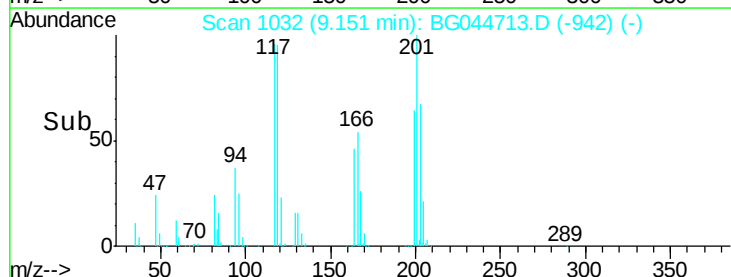
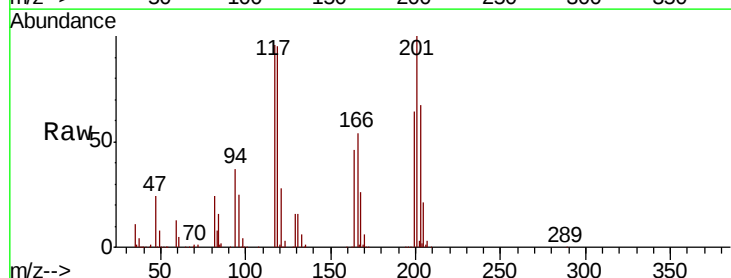
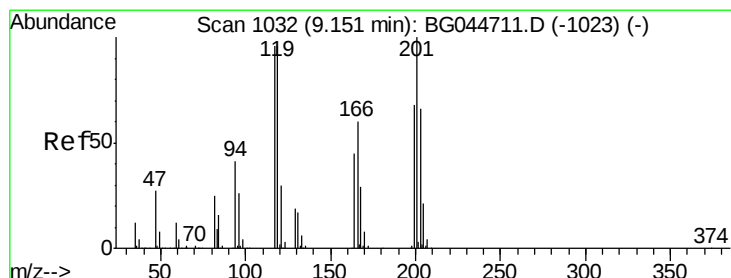
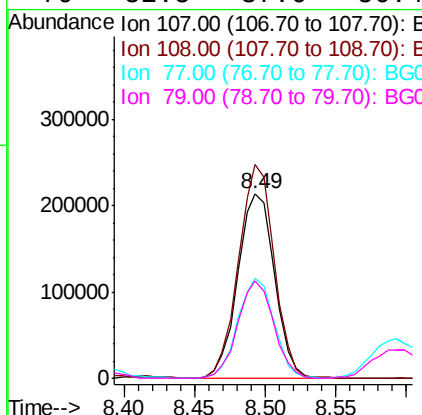
BNA_G

ClientSampleId :

SSTDIC060

Manual Integrations
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#18

Hexachloroethane

Concen: 57.116 ng

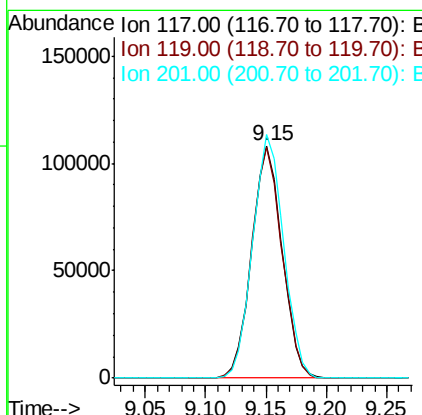
RT: 9.15 min Scan# 1032

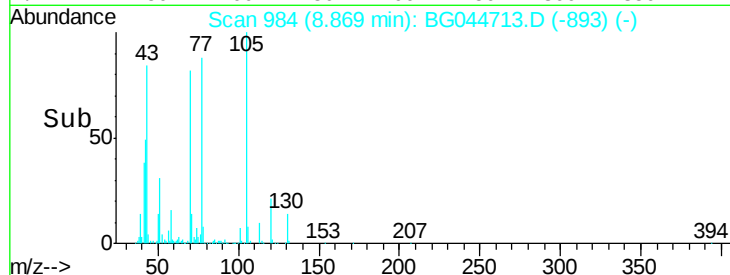
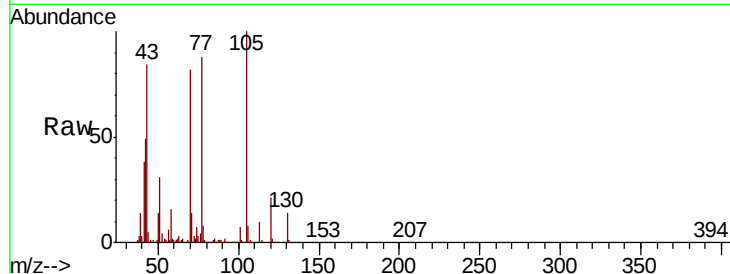
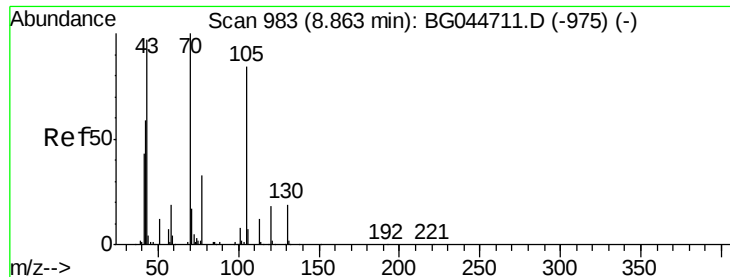
Delta R.T. -0.00 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.0	80.2	120.4	
201	104.7	83.4	125.2	





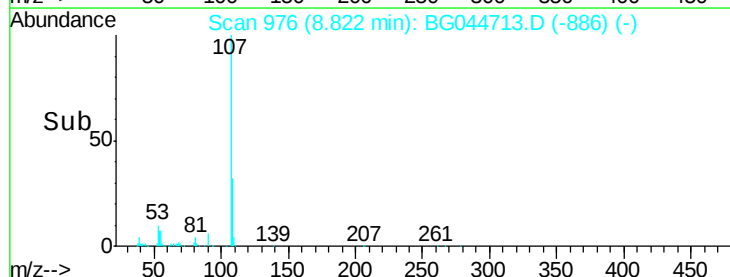
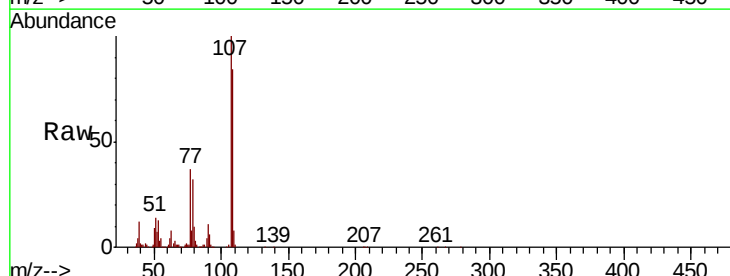
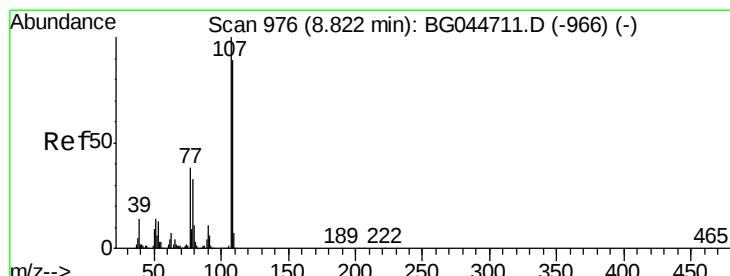
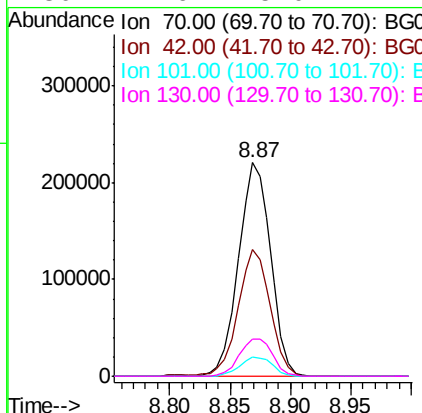
#19
n-Nitroso-di-n-propylamine
Concen: 52.530 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.01 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.3	47.6	71.4
101	9.0	6.5	9.7
130	17.6	15.0	22.4

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

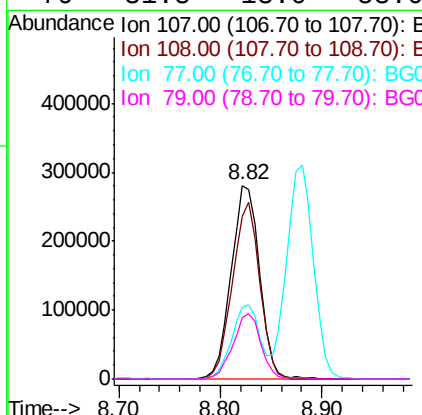
Manual Integrations
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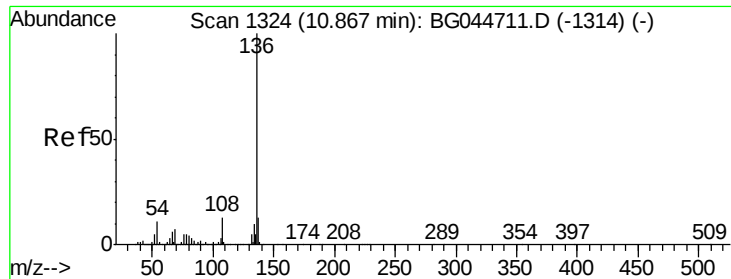
mohammad
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#20
3+4-Methylphenols
Concen: 55.730 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.00 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.1	69.1	109.1
77	37.1	17.7	57.7
79	31.8	13.0	53.0





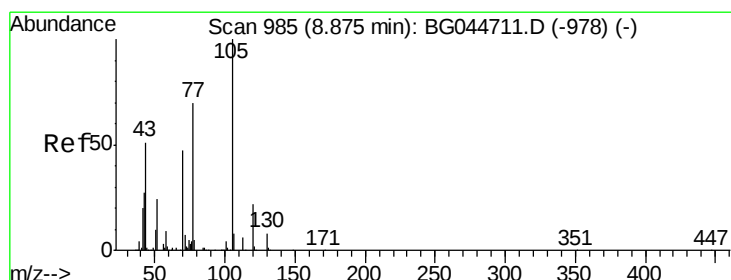
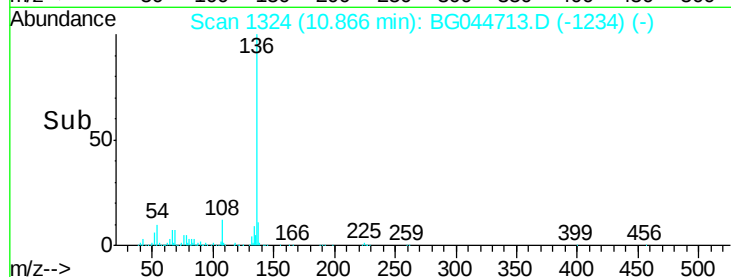
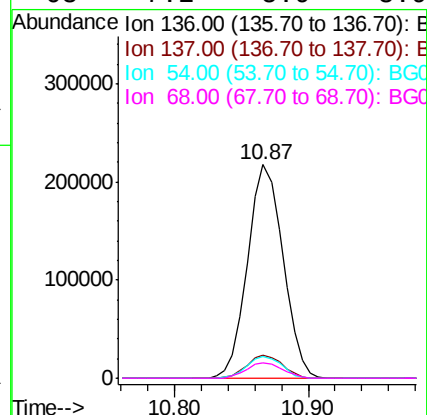
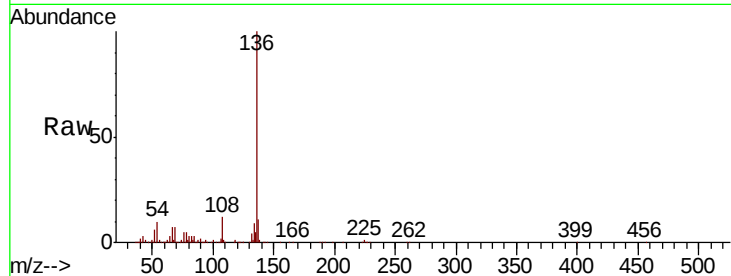
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.8	10.7	16.1
54	10.4	9.0	13.4
68	7.2	5.9	8.9

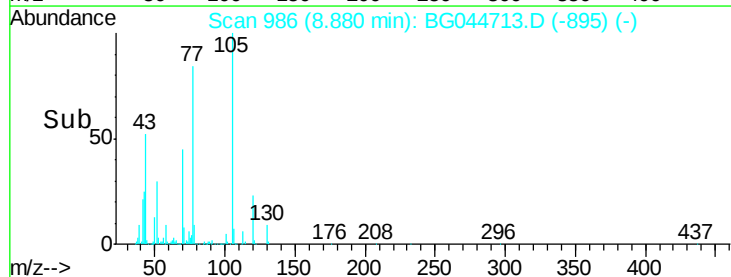
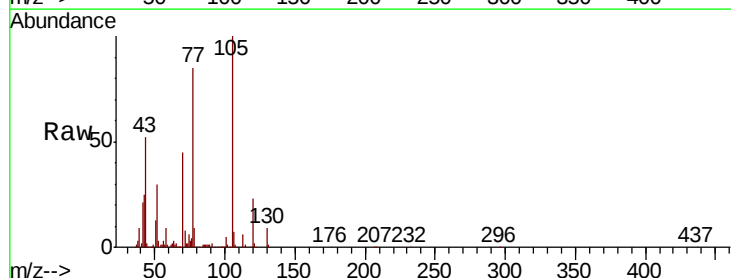
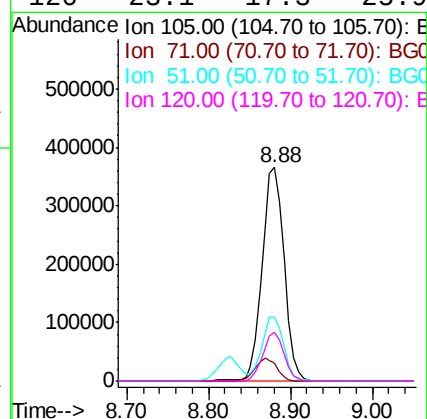
Manual Integrations
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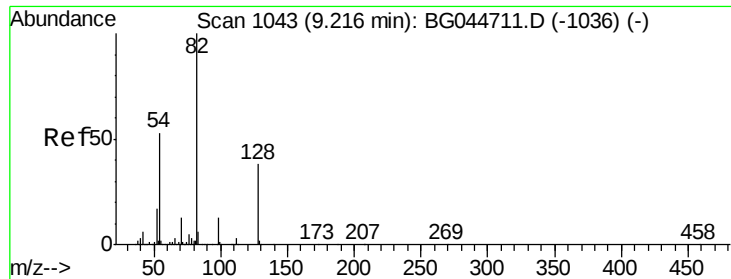
mohammad
3/11/2020 4:57:04 PM



#22
Acetophenone
Concen: 58.896 ng
RT: 8.88 min Scan# 986
Delta R.T. 0.01 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Tgt Ion	Ratio	Lower	Upper
105	100		
71	8.1	5.8	8.8
51	30.0	23.8	35.8
120	23.1	17.3	25.9





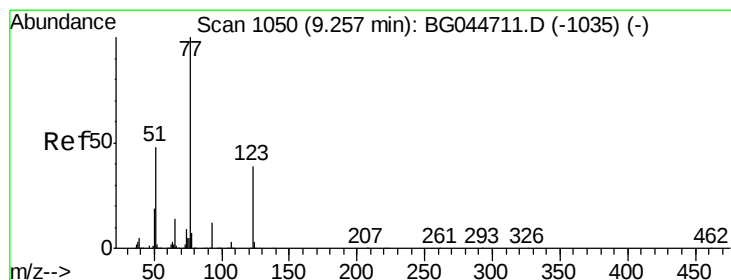
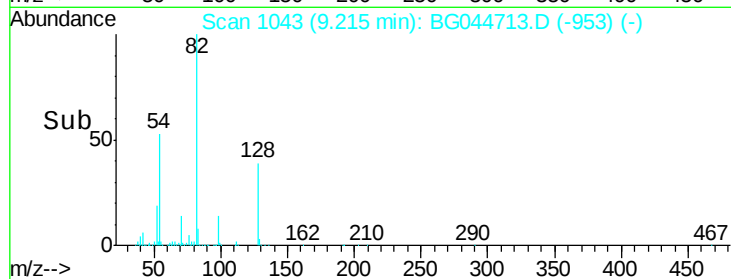
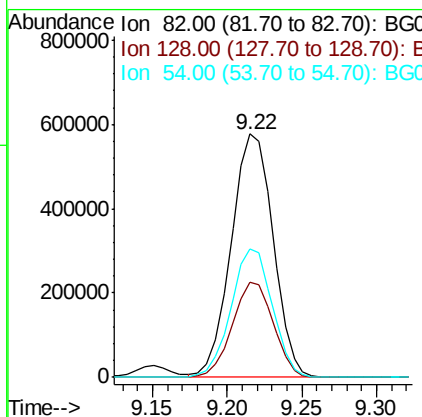
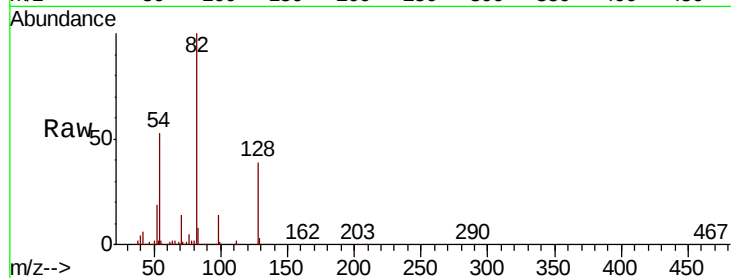
#23
Nitrobenzene-d5
Concen: 128.783 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.8	30.2	45.2
54	52.6	41.8	62.8

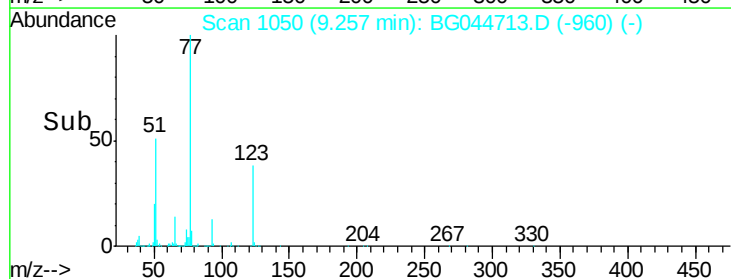
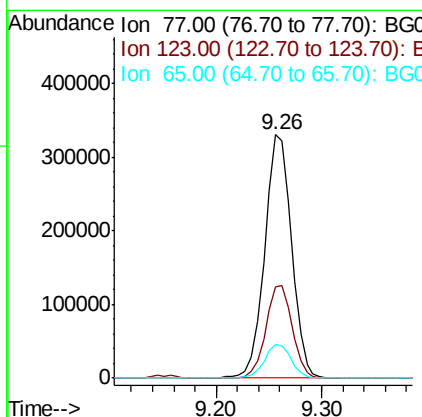
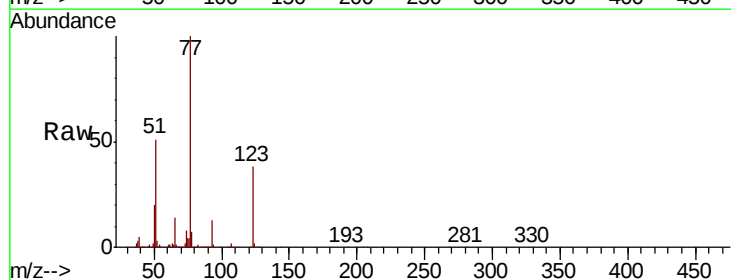
Manual Integrations
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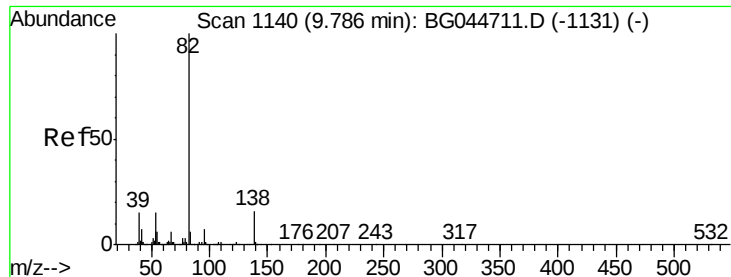
mohammad
3/11/2020 4:57:04 PM



#24
Nitrobenzene
Concen: 62.470 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.8	31.5	47.3
65	14.1	11.0	16.4





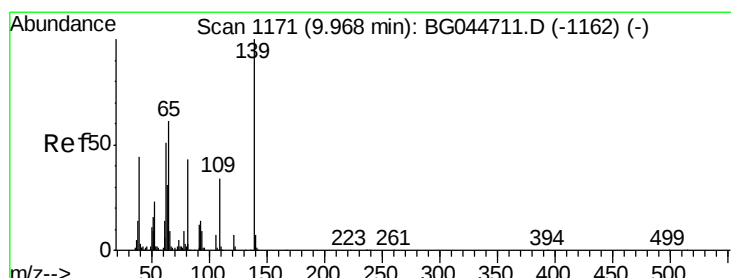
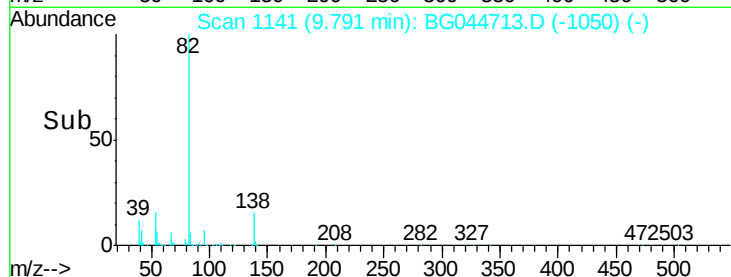
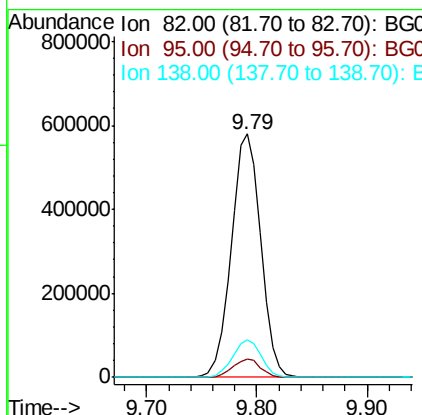
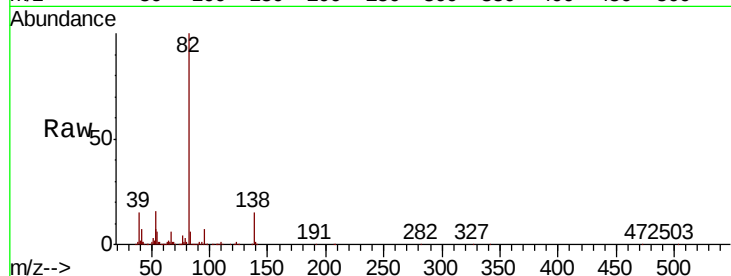
#25
Isophorone
Concen: 55.956 ng
RT: 9.79 min Scan# 1141
Delta R.T. 0.01 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tot Ion	82	Resp	1081037
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.6	8.4
138	15.4	13.0	19.4

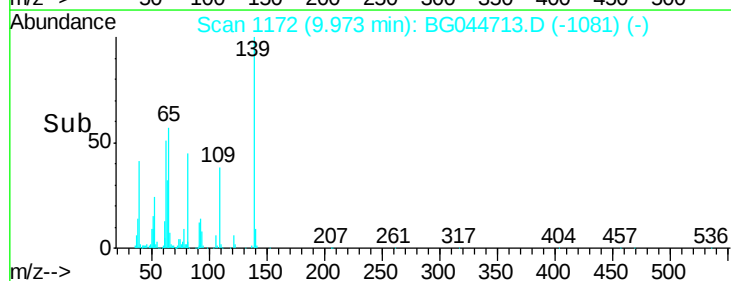
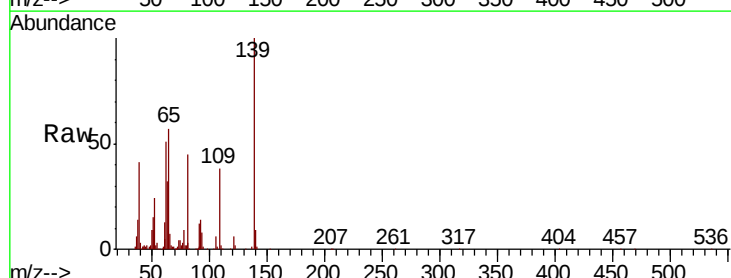
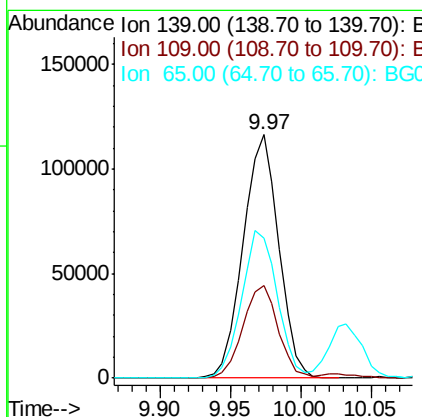
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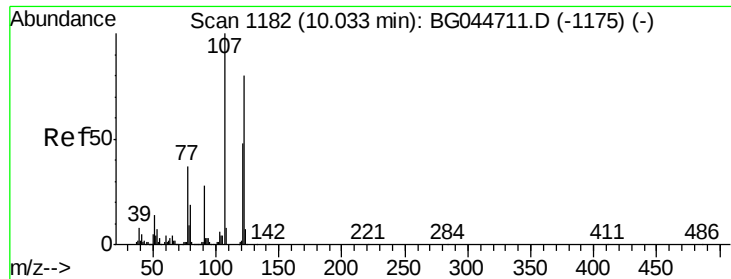
mohammad
3/11/2020 4:57:04 PM



#26
2-Nitrophenol
Concen: 67.700 ng
RT: 9.97 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Tgt Ion	139	Resp	205633
Ion Ratio	Lower	Upper	
139	100		
109	37.8	27.0	40.4
65	57.3	48.6	73.0





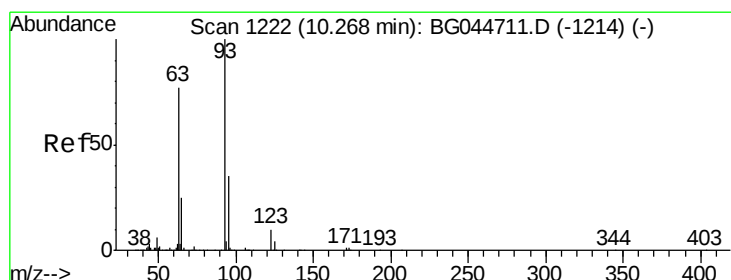
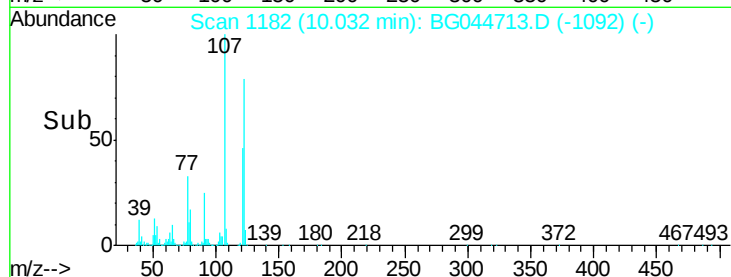
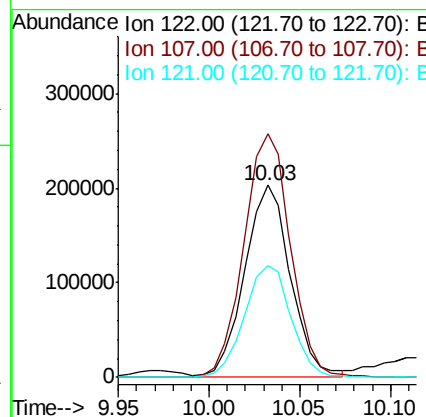
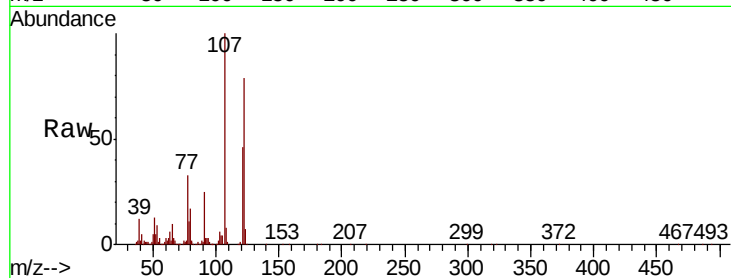
#27
2,4-Dimethylphenol
Concen: 58.602 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
122	100		
107	126.9	99.0	148.6
121	58.5	47.6	71.4

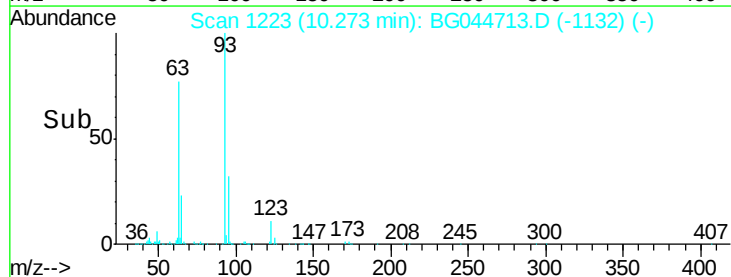
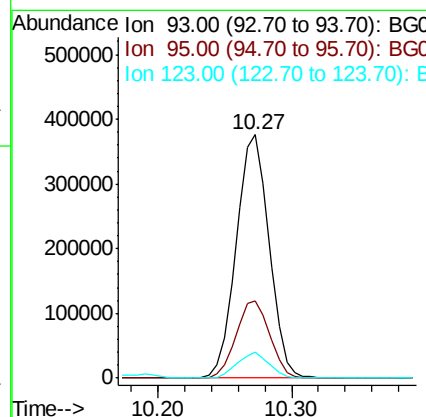
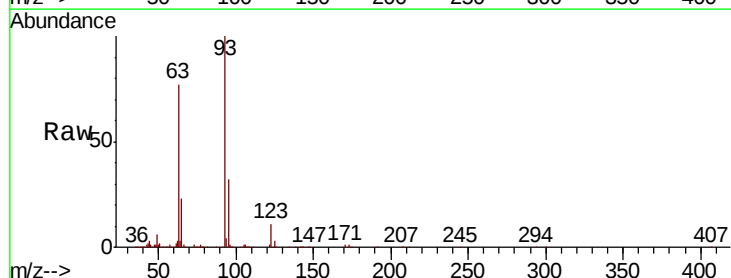
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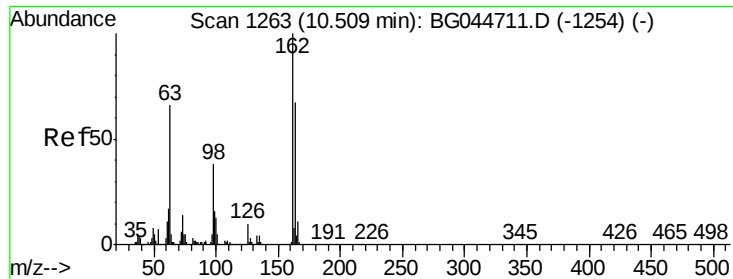
mohammad
3/11/2020 4:57:04 PM



#28
bis(2-Chloroethoxy)methane
Concen: 59.145 ng
RT: 10.27 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.7	27.7	41.5
123	10.7	8.1	12.1





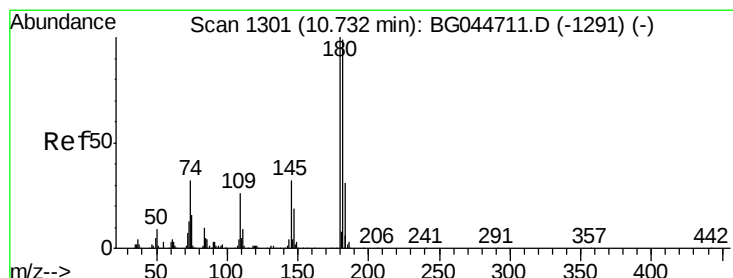
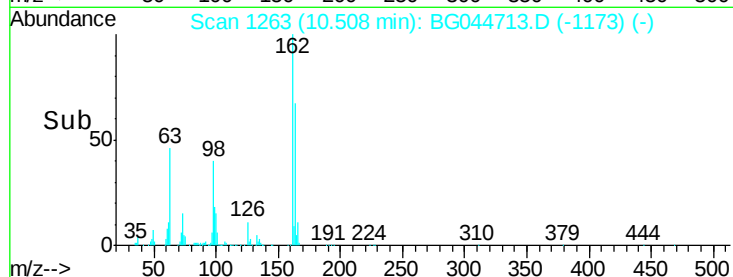
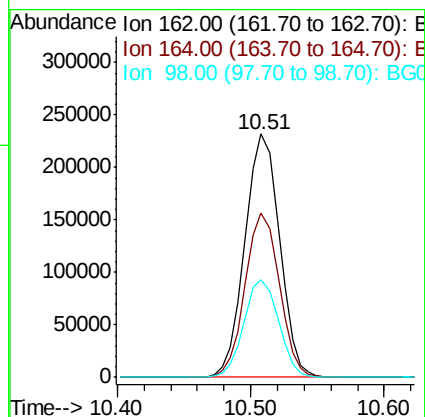
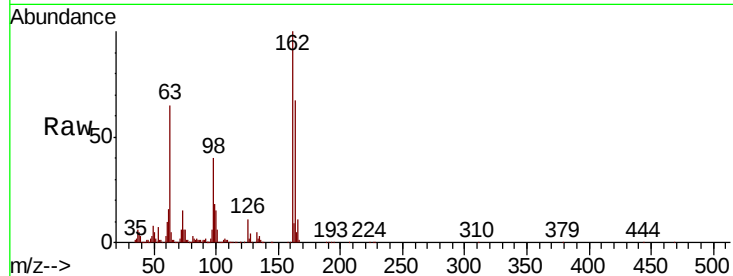
#29
2,4-Dichlorophenol
Concen: 60.558 ng
RT: 10.51 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.3	46.5	86.5
98	40.0	18.1	58.1

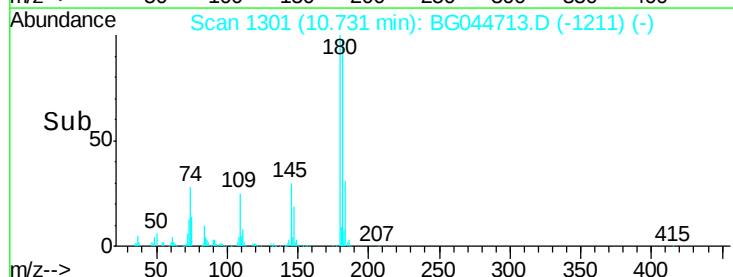
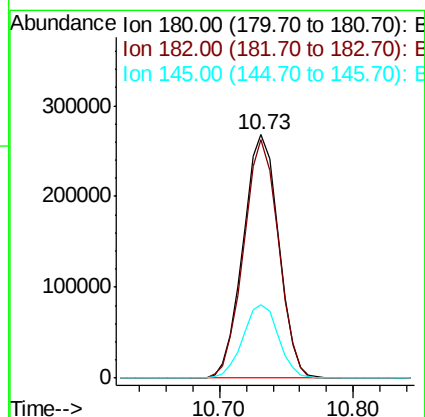
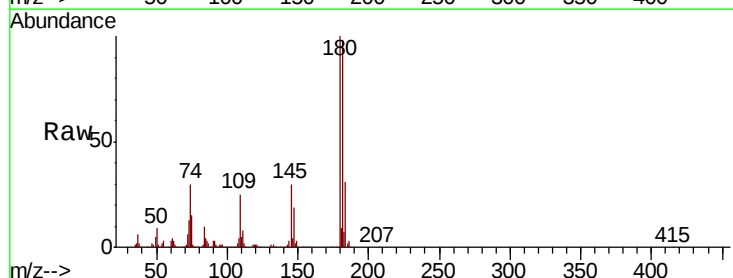
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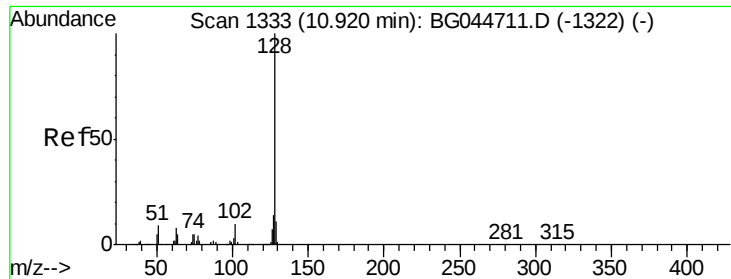
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#30
1,2,4-Trichlorobenzene
Concen: 61.586 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.8	78.8	118.2
145	30.1	25.4	38.0





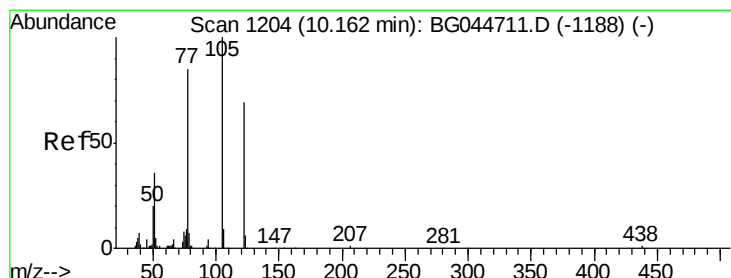
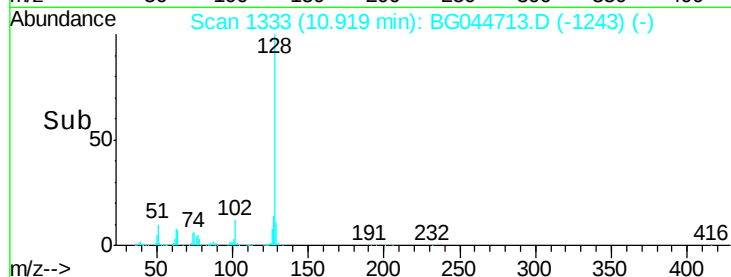
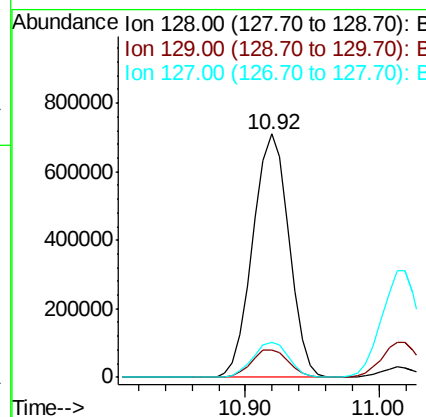
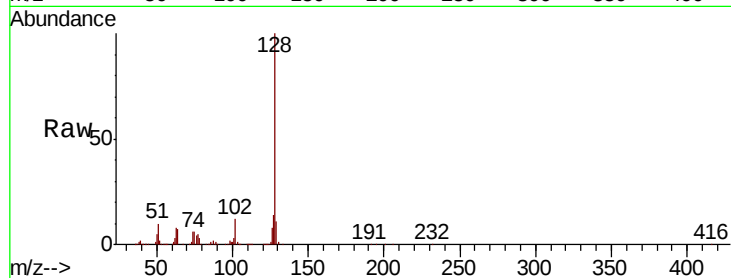
#31
Naphthalene
Concen: 59.369 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	14.3	11.0	16.6

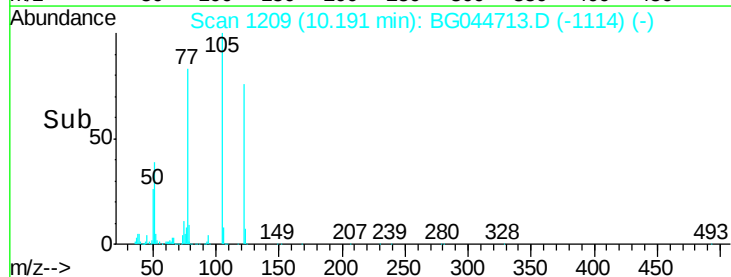
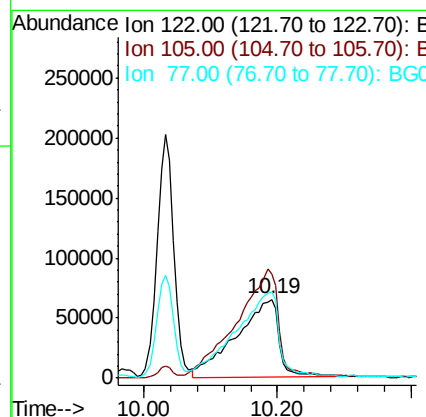
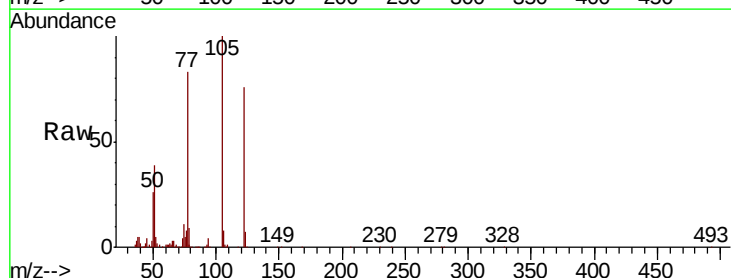
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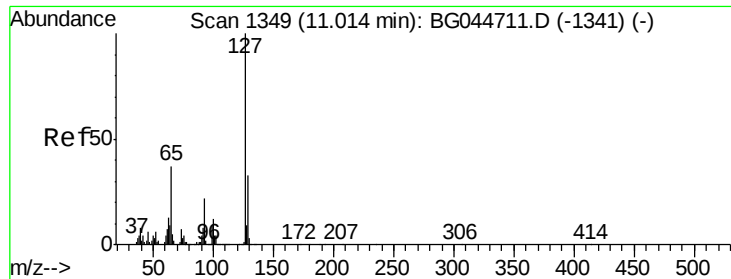
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#32
Benzoic acid
Concen: 67.268 ng
RT: 10.19 min Scan# 1209
Delta R.T. 0.03 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.5	119.0	159.0
77	108.7	96.4	136.4





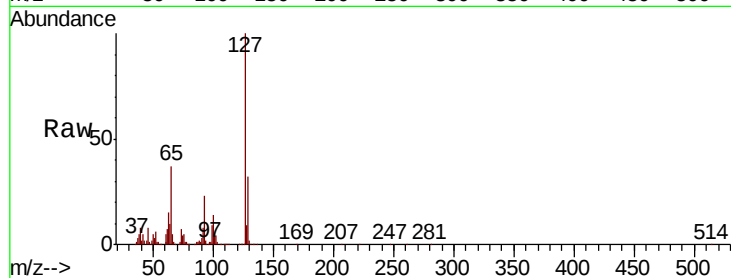
#33
4-Chloroaniline
Concen: 57.827 ng
RT: 11.01 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

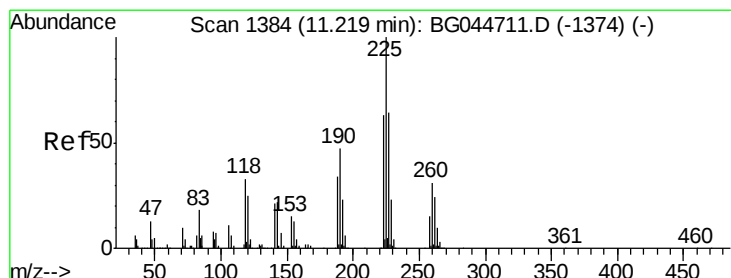
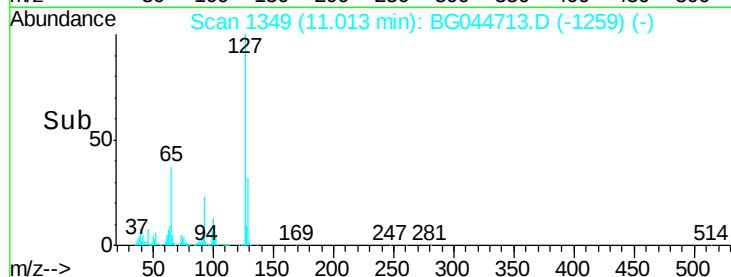
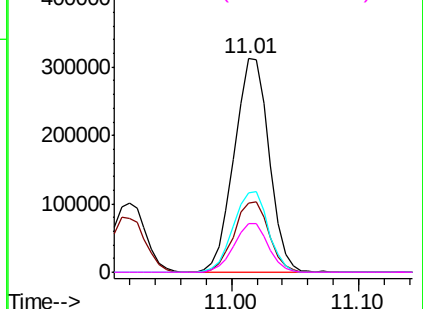
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.4
65	37.1	29.6	44.4
92	22.5	17.4	26.0

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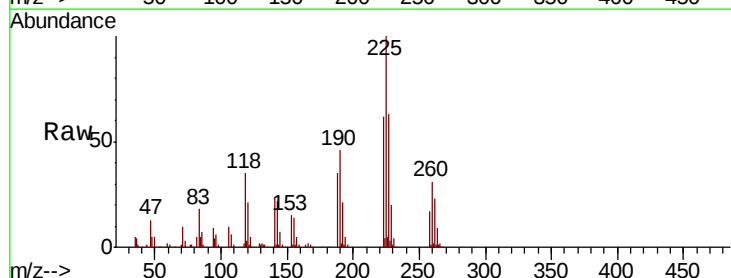


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

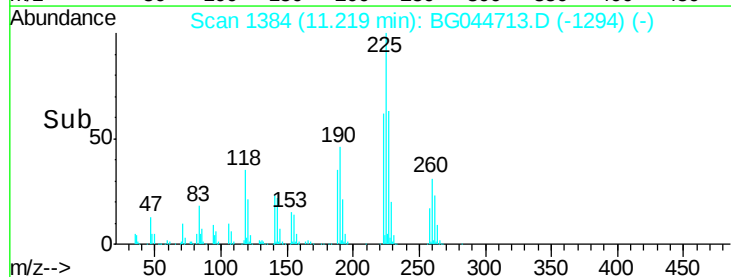
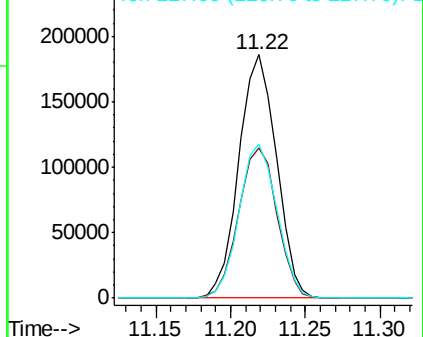


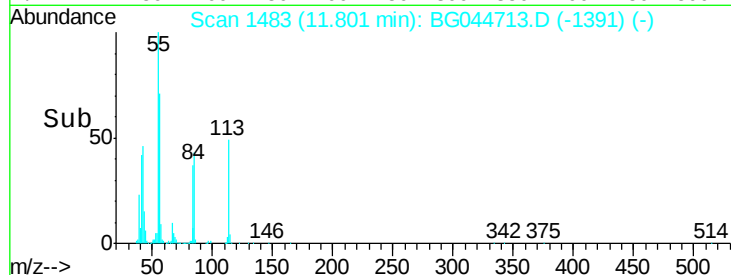
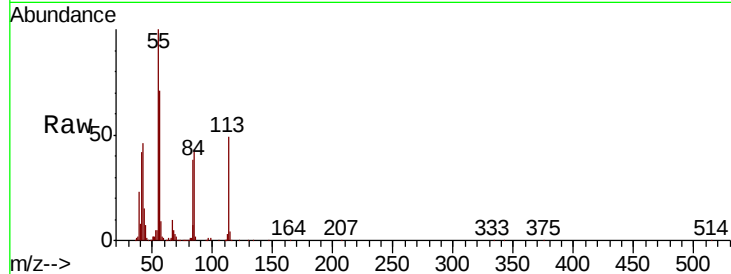
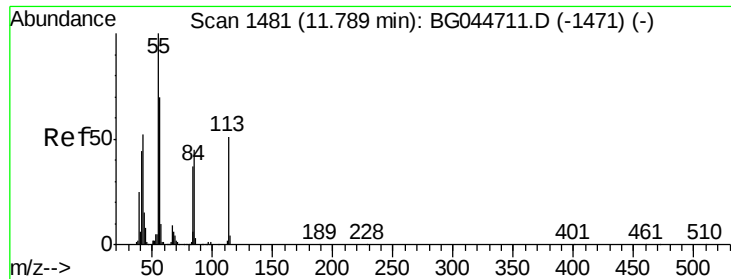
#34
Hexachlorobutadiene
Concen: 59.605 ng
RT: 11.22 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.6	76.0
227	63.2	51.6	77.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





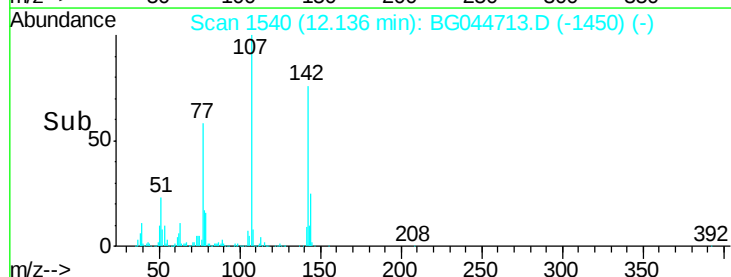
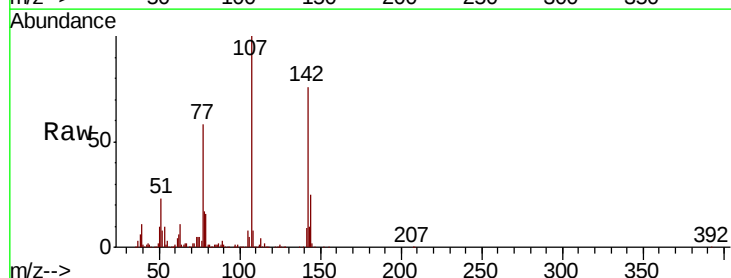
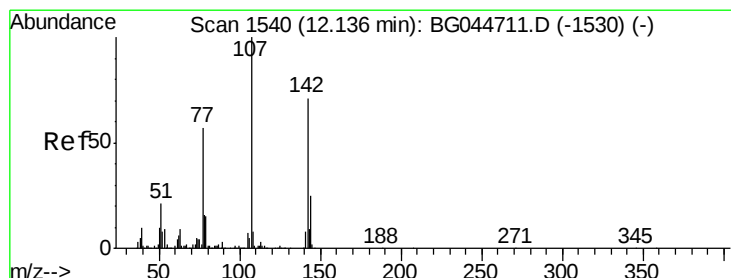
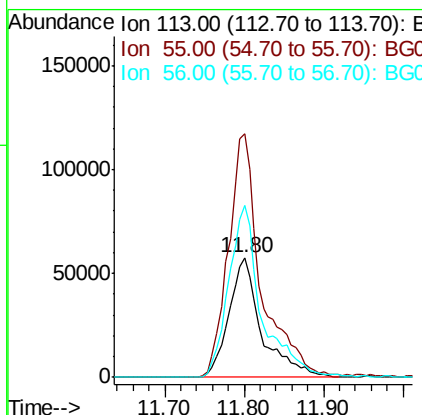
#35
Caprolactam
Concen: 57.072 ng
RT: 11.80 min Scan# 1483
Delta R.T. 0.01 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Tot Ion	Ratio	Lower	Upper
113	100		
55	203.8	178.4	218.4
56	144.1	117.7	157.7

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

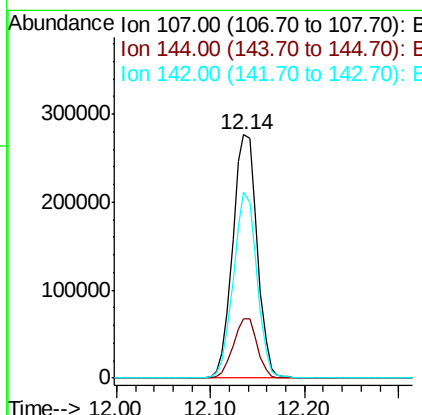
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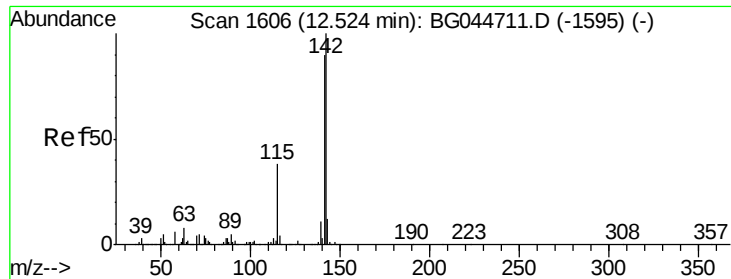
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 57.185 ng
RT: 12.14 min Scan# 1540
Delta R.T. -0.00 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.5	19.6	29.4
142	76.2	56.5	84.7





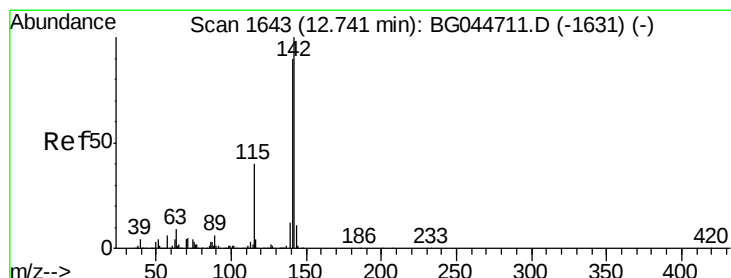
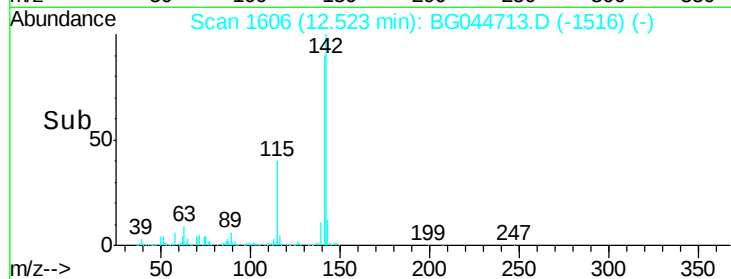
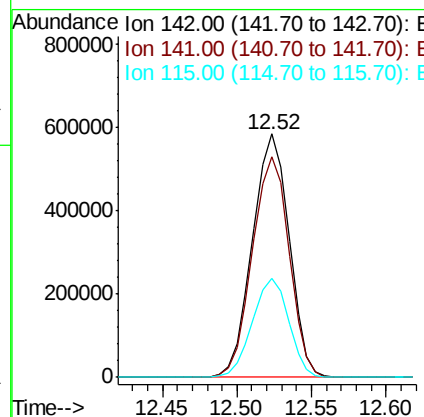
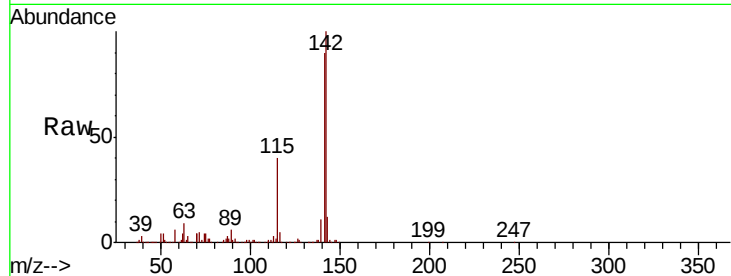
#37
 2-Methylnaphthalene
 Concen: 58.724 ng
 RT: 12.52 min Scan# 1606
 Delta R.T. -0.00 min
 Lab File: BG044713.D
 Acq: 10 Mar 2020 13:46

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.3	108.5
115	40.5	30.6	45.8

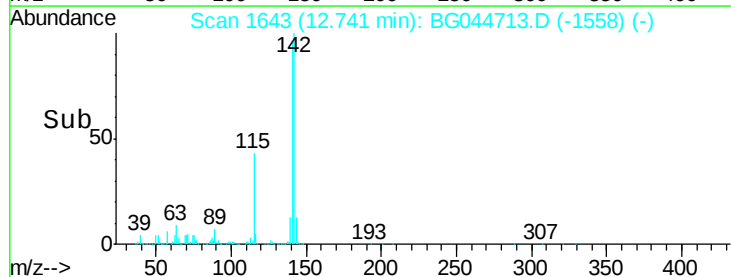
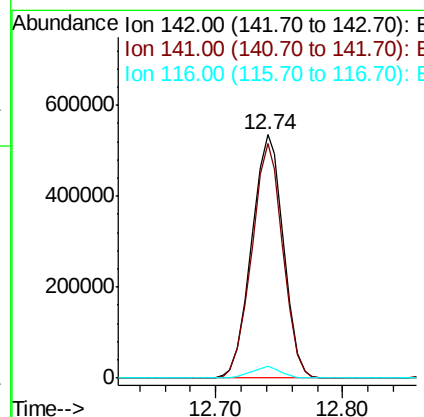
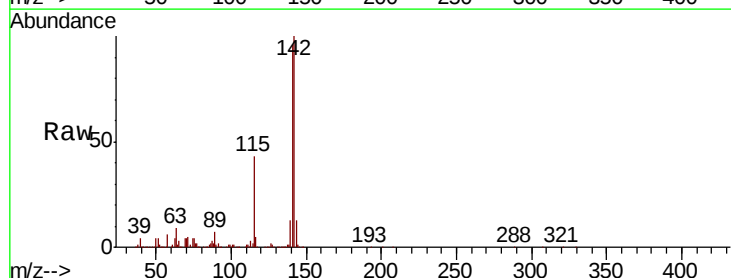
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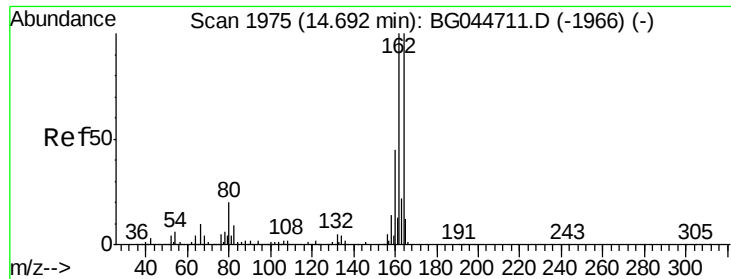
mohammad
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#38
 1-Methylnaphthalene
 Concen: 58.220 ng
 RT: 12.74 min Scan# 1643
 Delta R.T. -0.00 min
 Lab File: BG044713.D
 Acq: 10 Mar 2020 13:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.4	72.2	108.2
116	4.9	3.5	5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

Instrument :

BNA_G

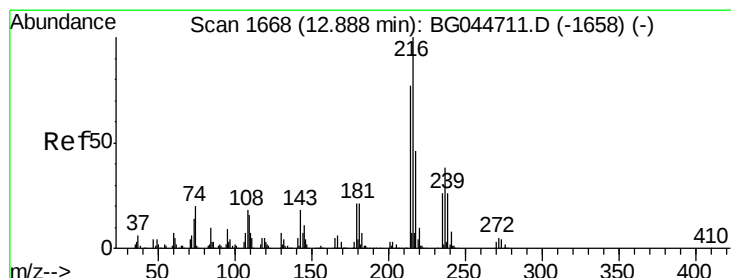
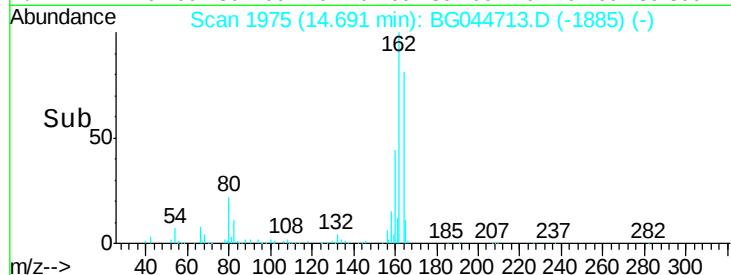
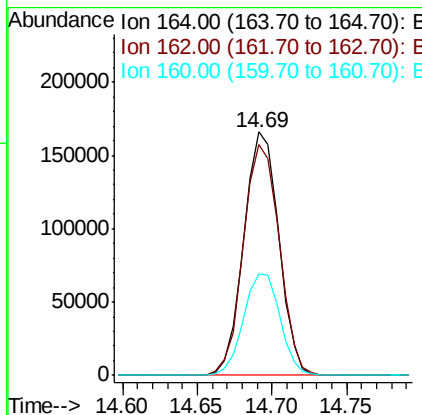
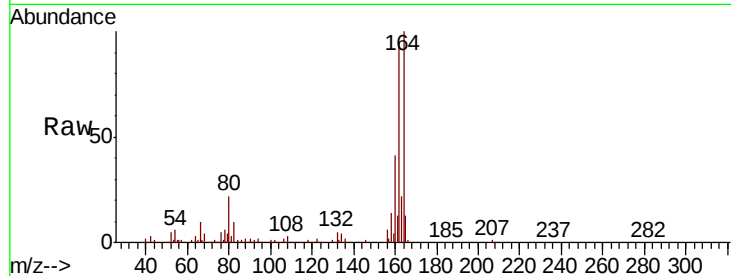
ClientSampleId :

SSTDICC060

Tot Ion:	164	Resp:	269945
Ion Ratio	Lower	Upper	
164	100		
162	94.9	80.2	120.4
160	41.5	36.2	54.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 60.103 ng

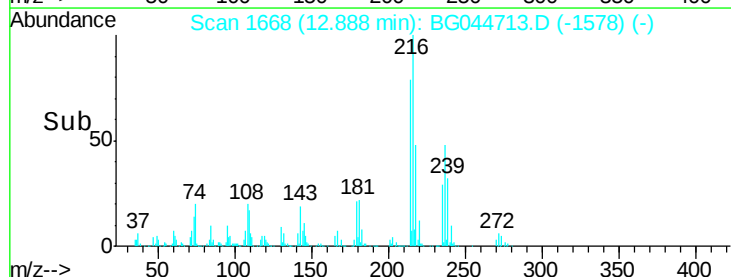
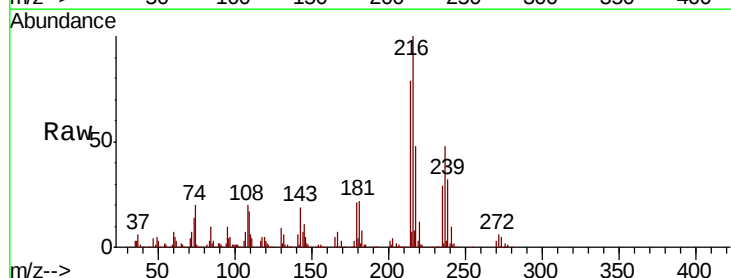
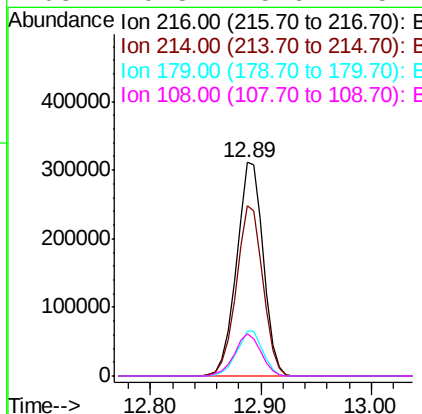
RT: 12.89 min Scan# 1668

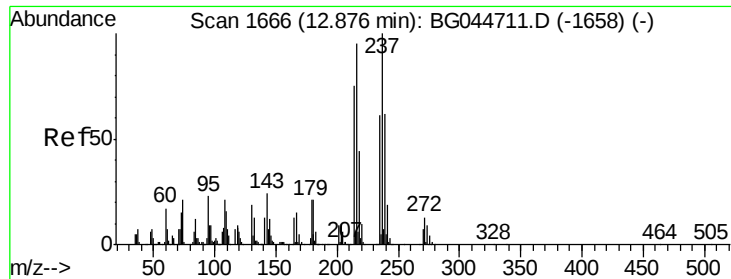
Delta R.T. -0.00 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

Tgt Ion:	216	Resp:	526704
Ion Ratio	Lower	Upper	
216	100		
214	79.4	63.0	94.4
179	20.7	16.6	24.8
108	19.8	15.6	23.4





#41

Hexachlorocyclopentadiene

Concen: 58.433 ng

RT: 12.88 min Scan# 1667

Delta R.T. 0.01 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

Instrument :

BNA_G

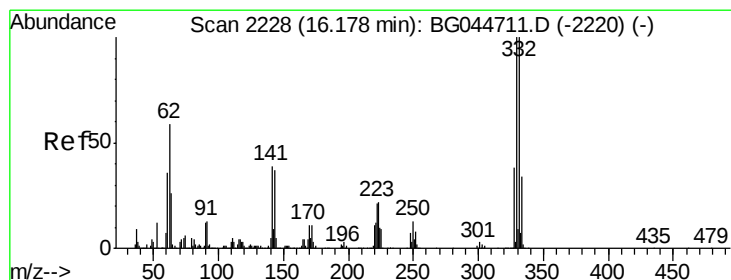
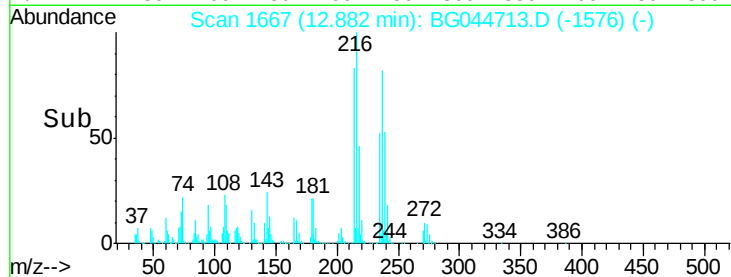
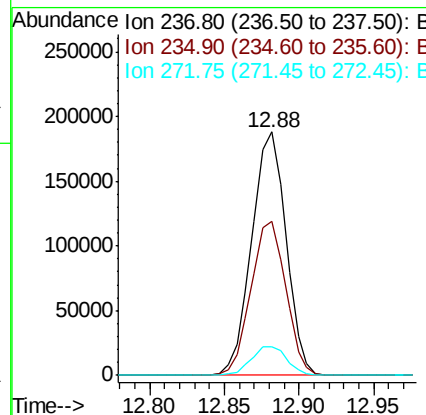
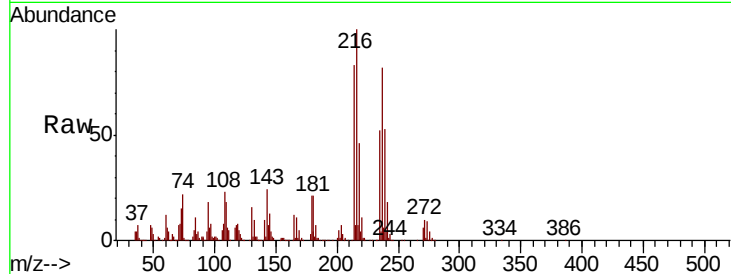
ClientSampleId :

SSTDICC060

Tot Ion:	237	Resp:	299435
Ion Ratio	Lower	Upper	
237	100		
235	63.2	40.6	80.6
272	11.9	0.0	32.5

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#42

2,4,6-Tribromophenol

Concen: 117.178 ng

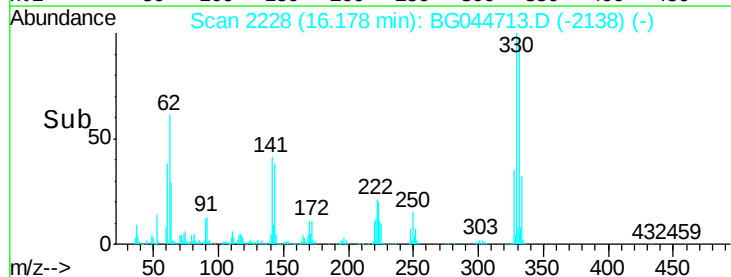
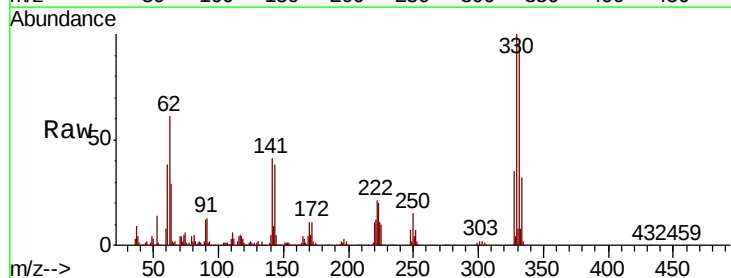
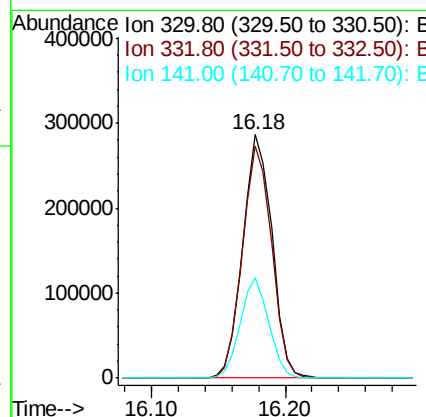
RT: 16.18 min Scan# 2228

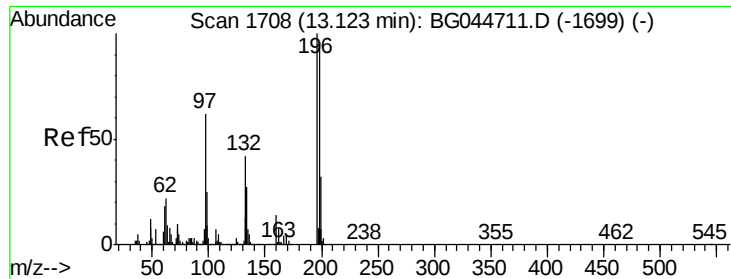
Delta R.T. -0.00 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

Tgt Ion:	330	Resp:	434509
Ion Ratio	Lower	Upper	
330	100		
332	95.4	77.5	116.3
141	40.5	31.7	47.5





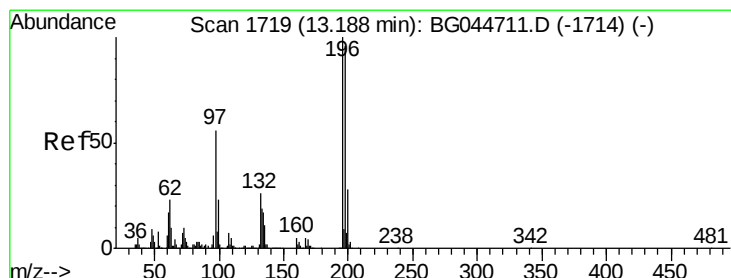
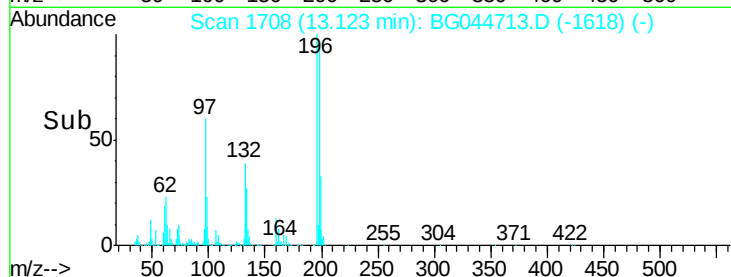
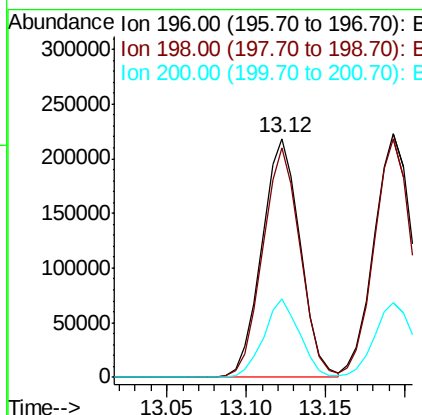
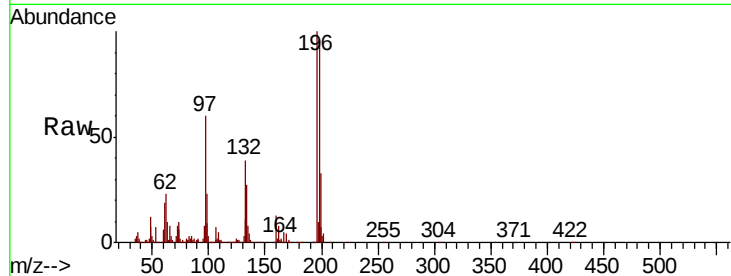
#43
 2,4,6-Trichlorophenol
 Concen: 60.460 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG044713.D
 Acq: 10 Mar 2020 13:46

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.5	114.7
200	32.6	25.9	38.9

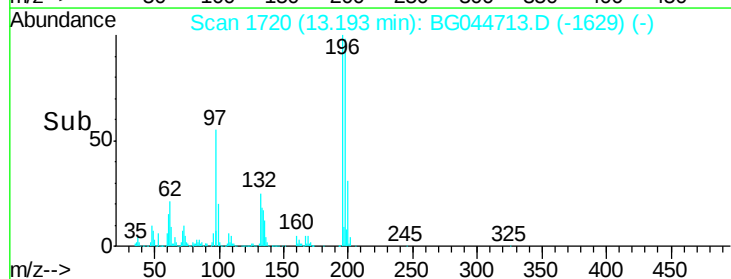
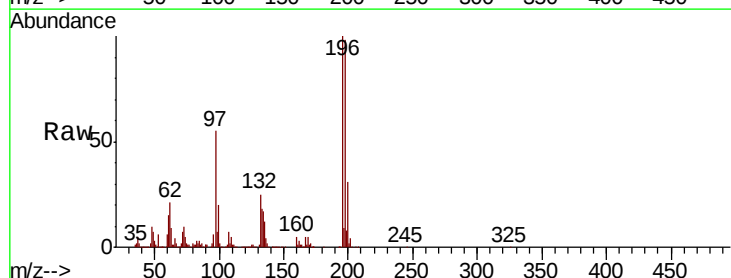
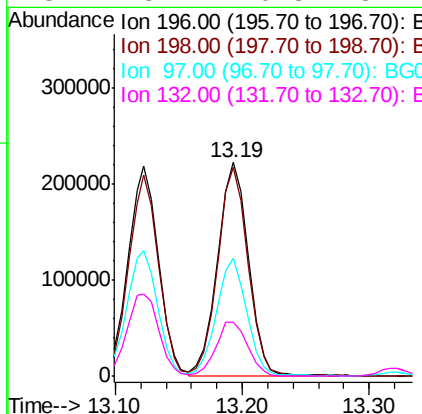
Manual Integrations
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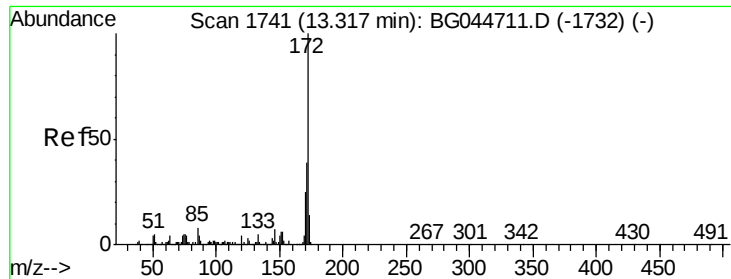
mohammad
 3/11/2020 4:57:04 PM



#44
 2,4,5-Trichlorophenol
 Concen: 60.004 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. 0.01 min
 Lab File: BG044713.D
 Acq: 10 Mar 2020 13:46

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.8	77.3	115.9
97	55.1	44.9	67.3
132	25.1	20.8	31.2





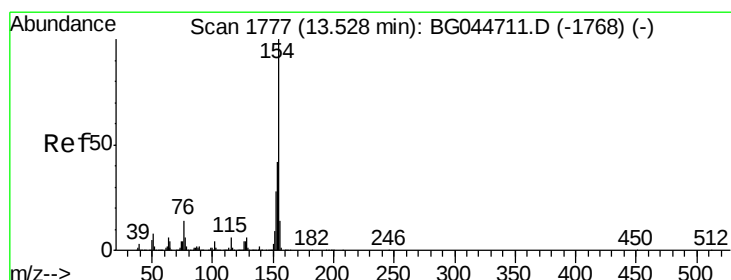
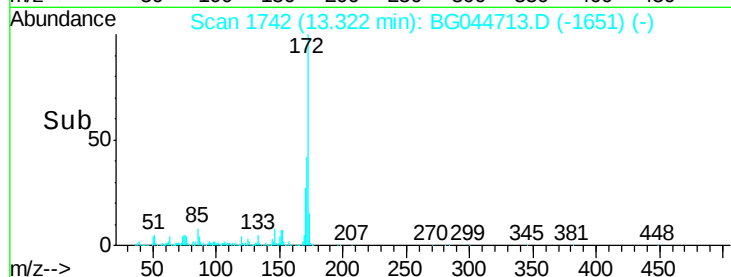
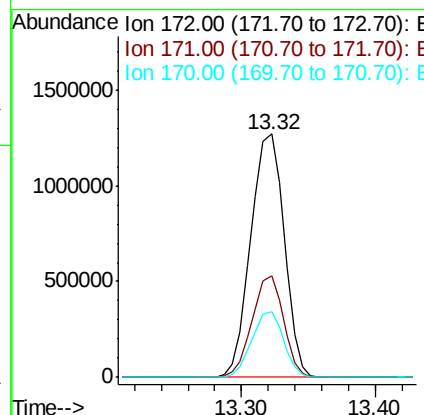
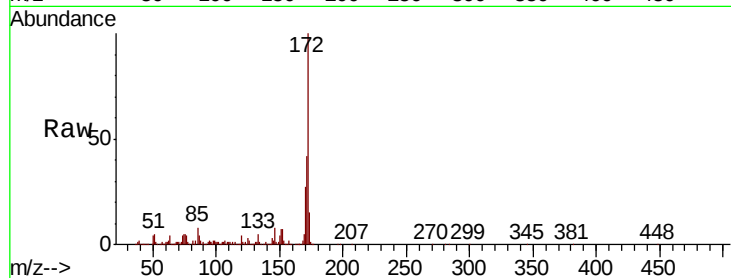
#45
2-Fluorobiphenyl
Concen: 113.319 ng
RT: 13.32 min Scan# 1742
Delta R.T. 0.01 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	41.6	30.8	46.2	
170	26.7	20.0	30.0	

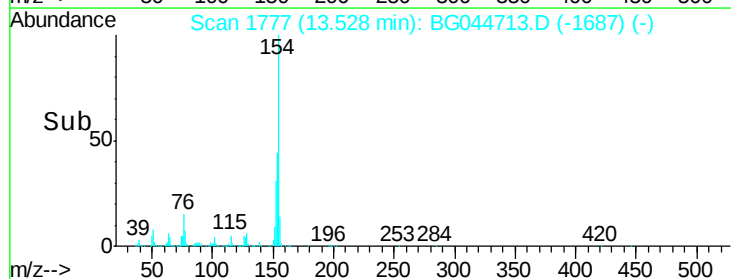
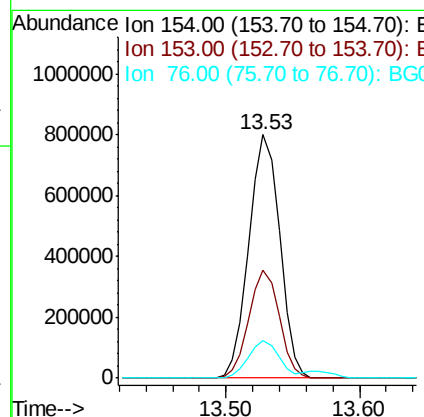
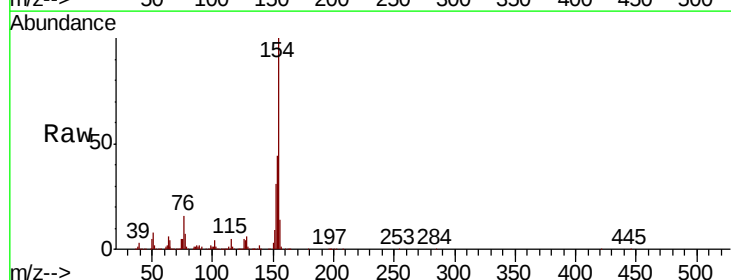
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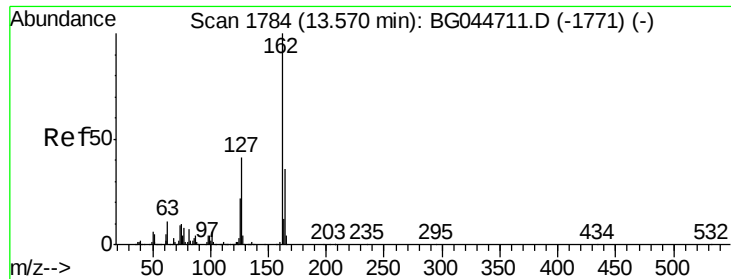
mohammad
3/11/2020 4:57:04 PM



#46
1,1'-Biphenyl
Concen: 59.493 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	44.4	22.0	62.0	
76	15.5	0.0	34.2	





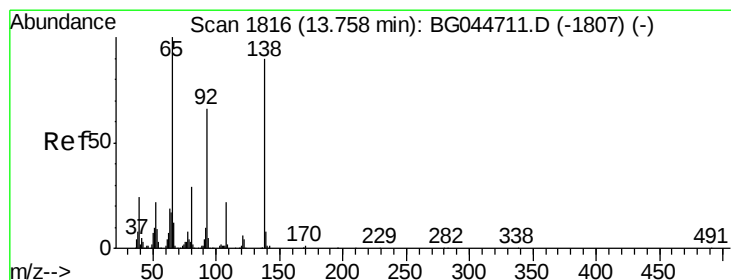
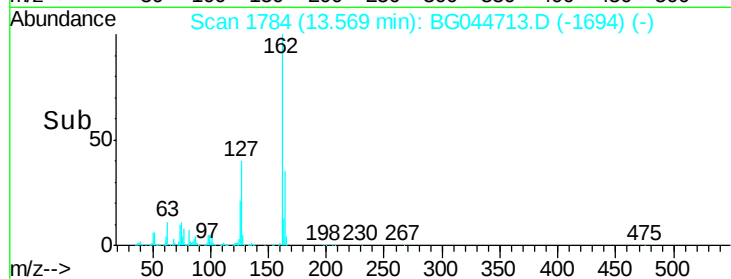
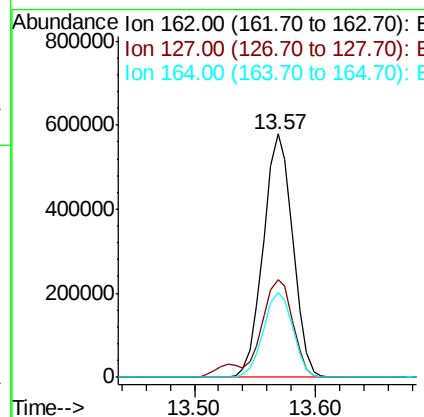
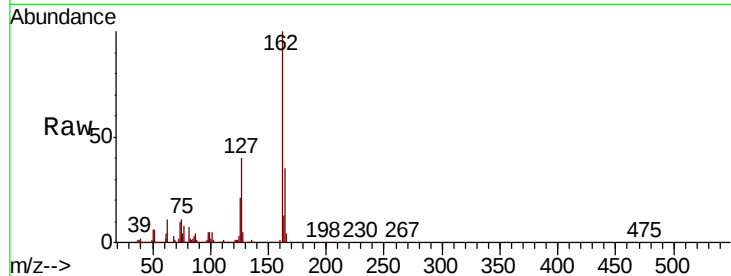
#47
2-Chloronaphthalene
Concen: 59.735 ng
RT: 13.57 min Scan# 1784
Delta R.T. -0.00 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.0	32.6	48.8
164	34.6	29.0	43.4

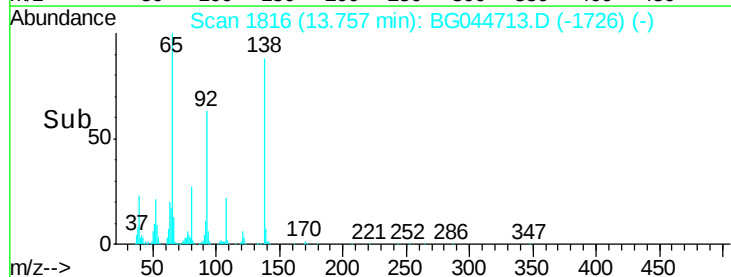
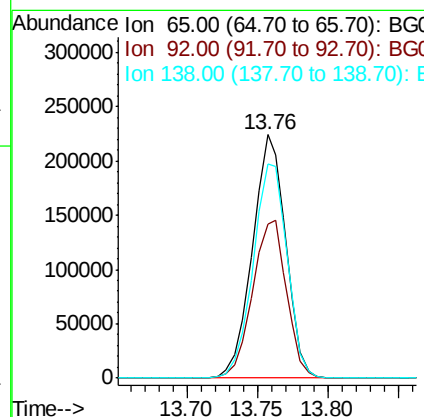
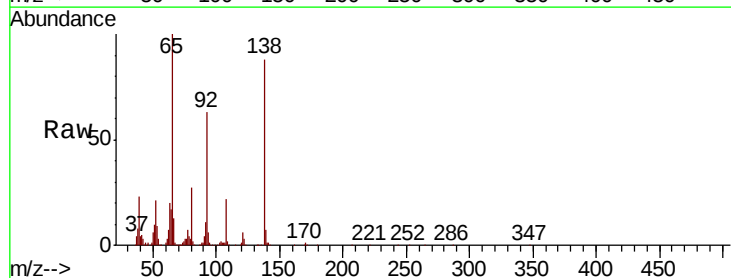
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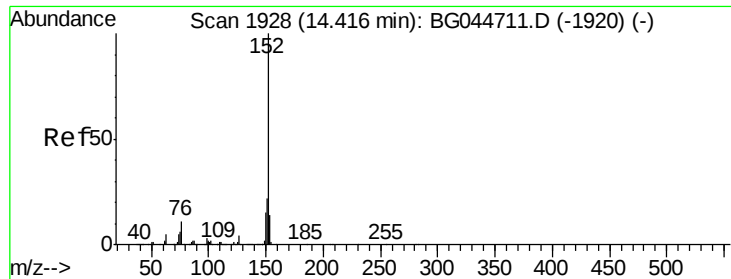
mohammad
3/11/2020 4:57:04 PM



#48
2-Nitroaniline
Concen: 67.118 ng
RT: 13.76 min Scan# 1816
Delta R.T. -0.00 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.5	52.6	79.0
138	88.0	71.8	107.6





#49

Acenaphthylene

Concen: 57.474 ng

RT: 14.42 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tot Ion:152 Resp: 1508044

Ion Ratio Lower Upper

152 100

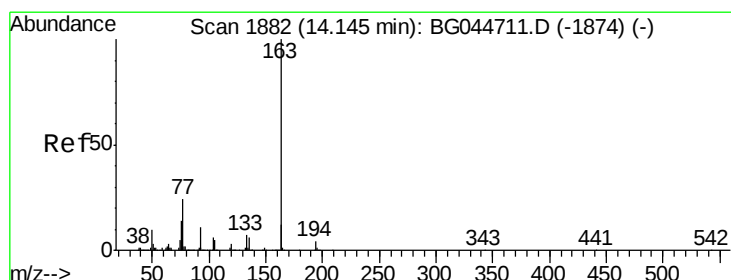
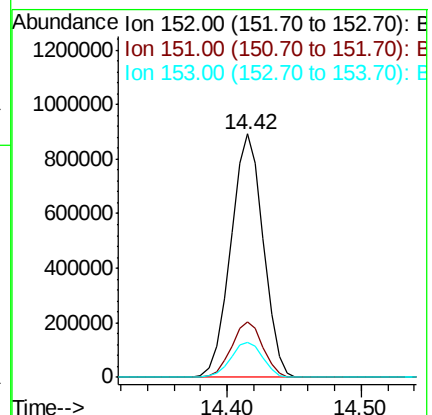
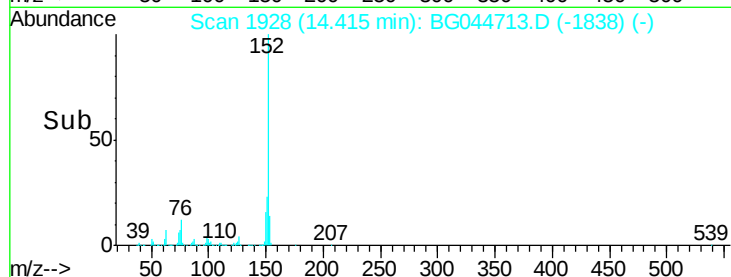
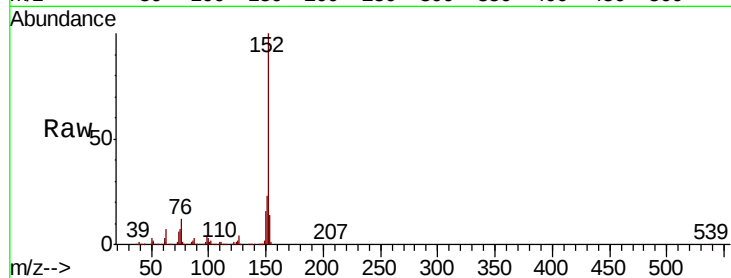
151 22.8 17.8 26.8

153 14.5 11.4 17.0

Manual Integrations
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3/11/2020 4:57:04 PM



#50

Dimethylphthalate

Concen: 56.418 ng

RT: 14.15 min Scan# 1883

Delta R.T. 0.01 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

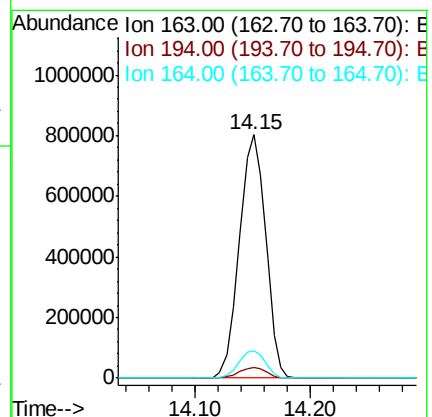
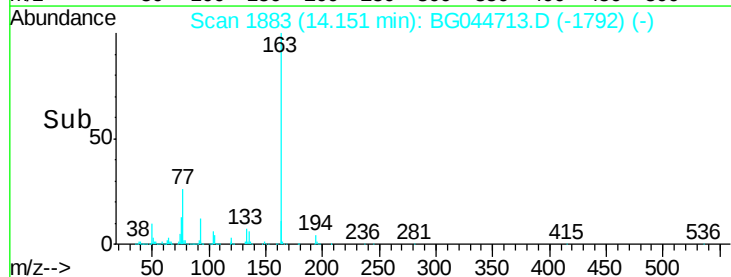
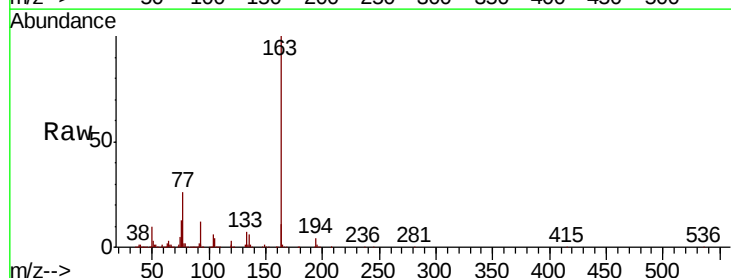
Tgt Ion:163 Resp: 1266144

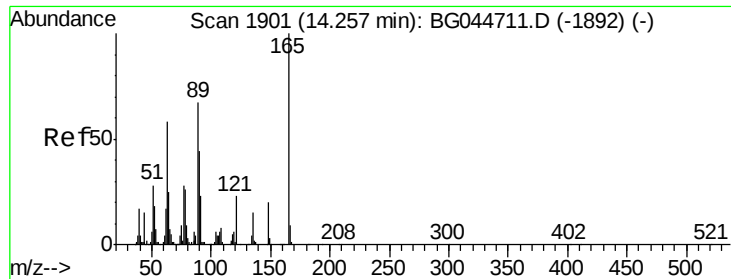
Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

164 11.2 9.2 13.8





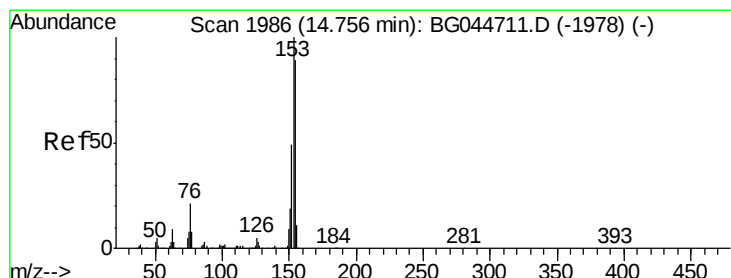
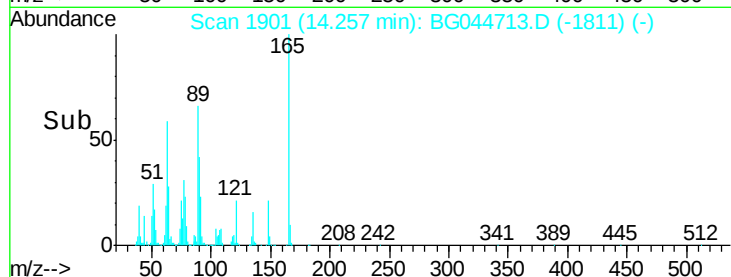
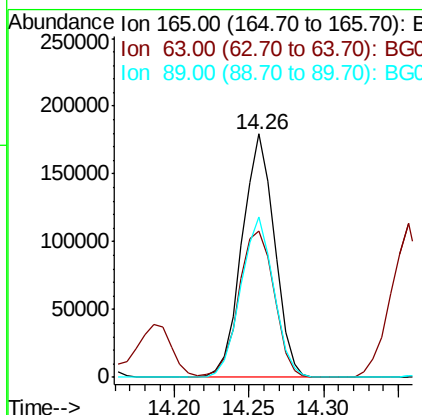
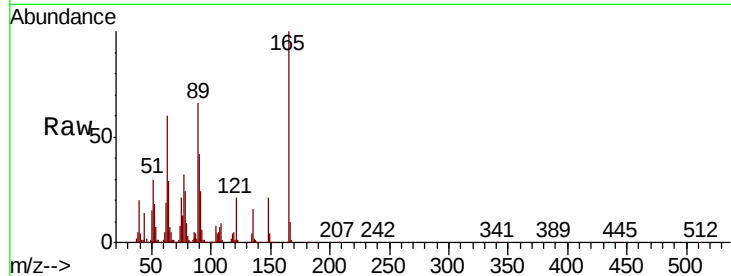
#51
2,6-Dinitrotoluene
Concen: 66.806 ng
RT: 14.26 min Scan# 1901
Delta R.T. -0.00 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
165	100	269399		
63	60.1	48.9	73.3	
89	65.8	53.8	80.8	

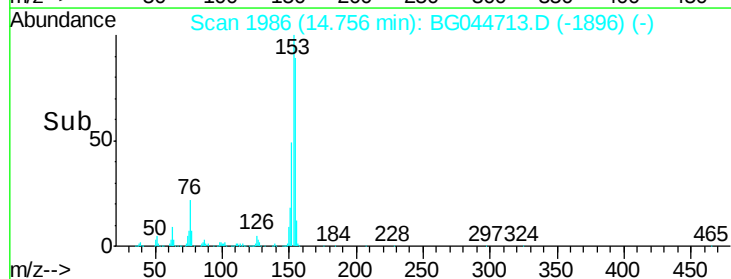
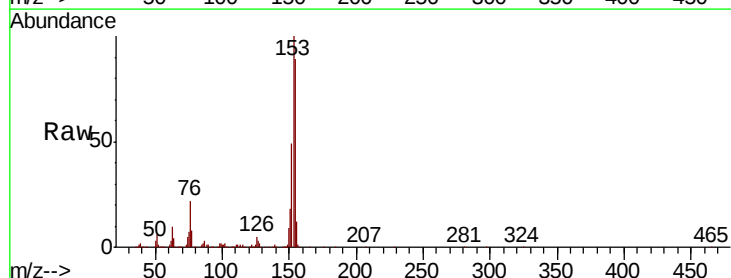
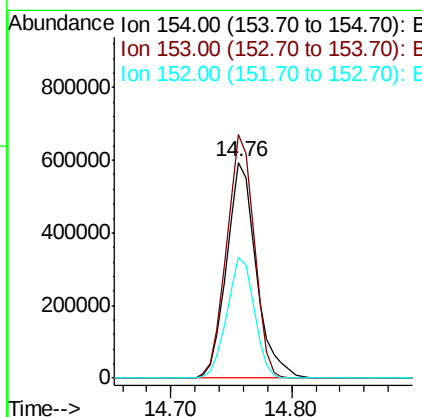
Manual Integrations
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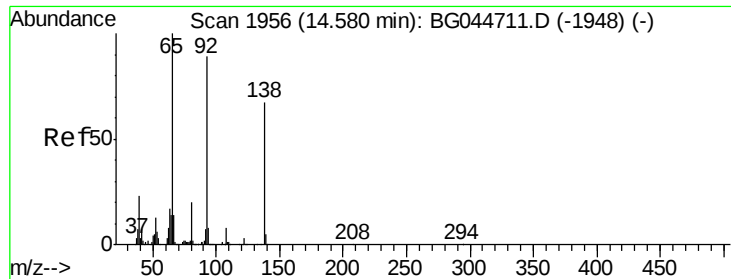
mohammad
3/11/2020 4:57:04 PM



#52
Acenaphthene
Concen: 59.596 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1011096		
153	113.0	89.8	134.8	
152	55.8	44.4	66.6	





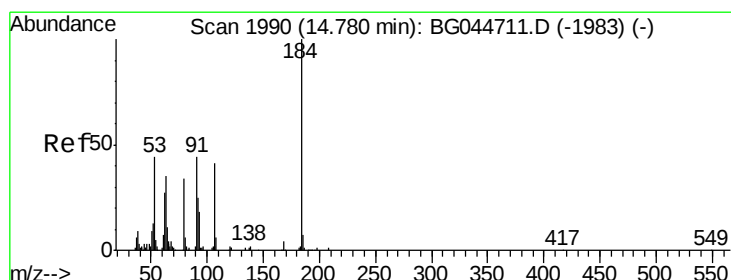
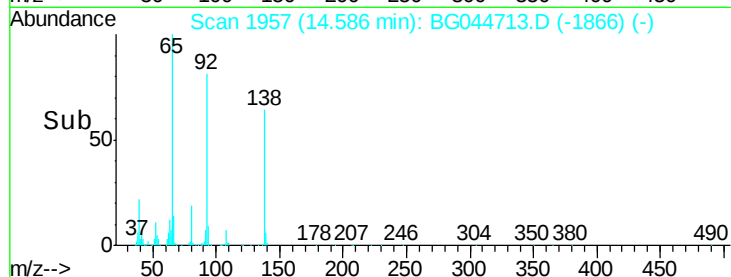
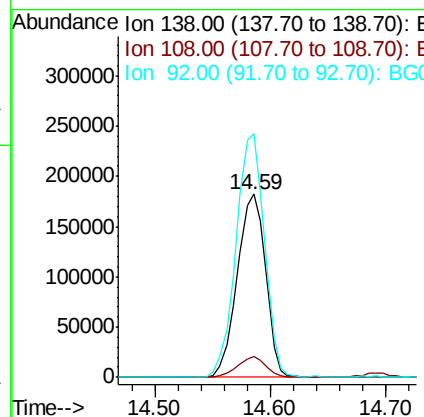
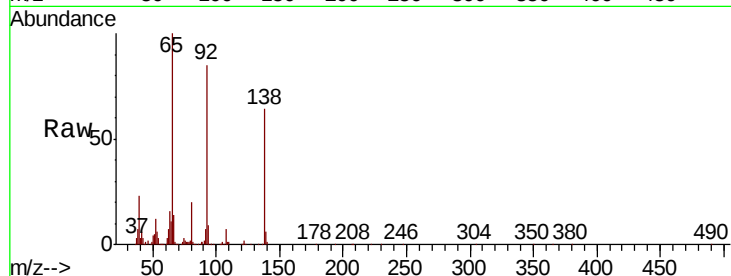
#53
3-Nitroaniline
Concen: 66.750 ng
RT: 14.59 min Scan# 1957
Delta R.T. 0.01 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.2	9.2	13.8
92	133.0	105.6	158.4

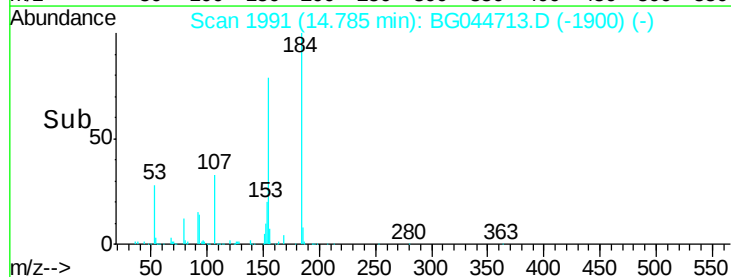
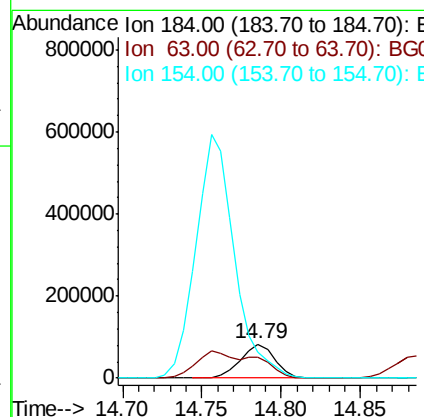
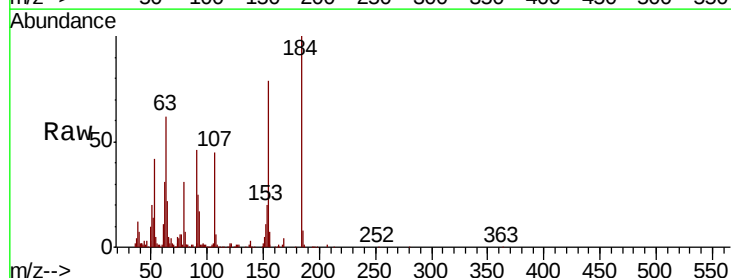
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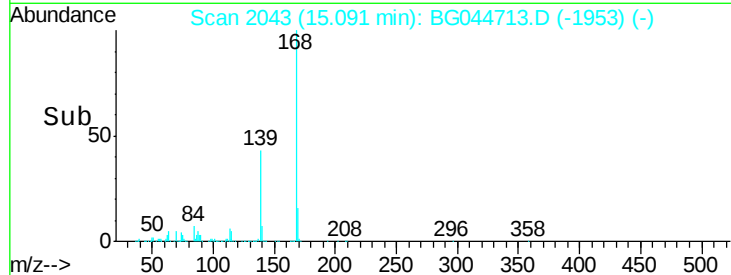
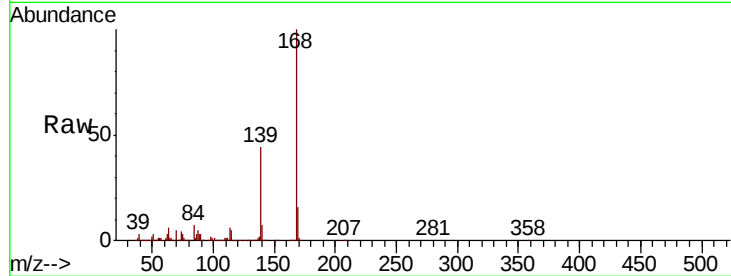
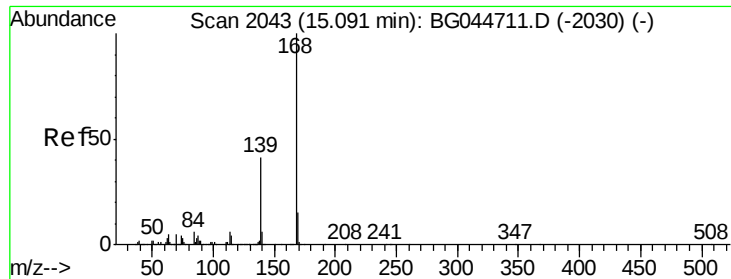
mohammad
3/11/2020 4:57:04 PM



#54
2,4-Dinitrophenol
Concen: 66.460 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.2	49.0	73.6
154	78.9	94.5	141.7#





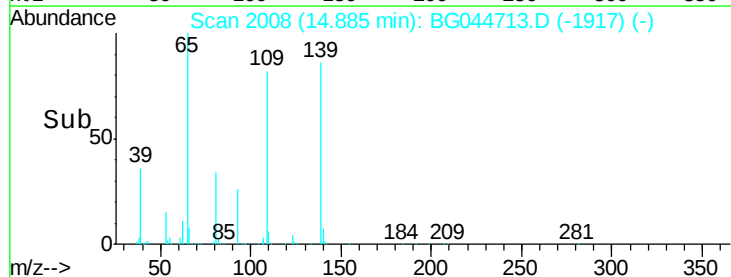
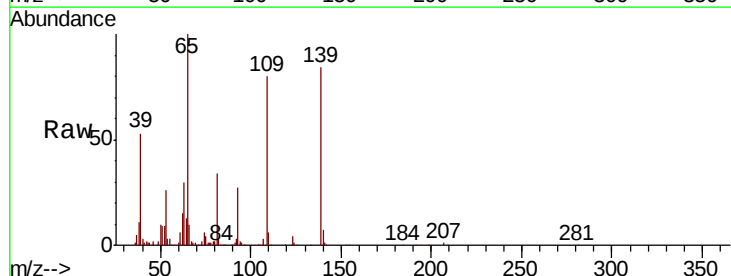
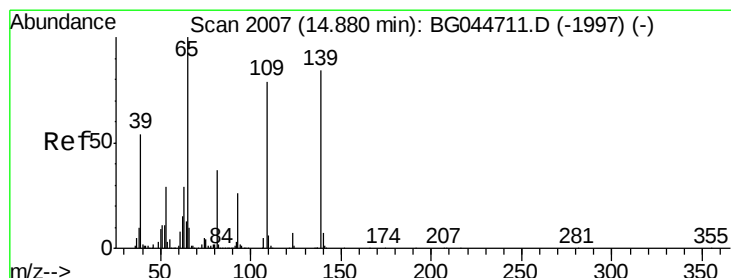
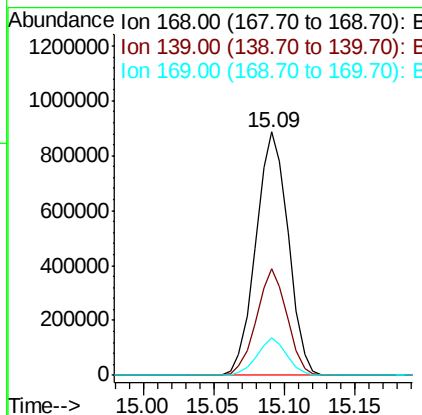
#55
Dibenzofuran
Concen: 56.118 ng
RT: 15.09 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Tot Ion	Ratio	Lower	Upper
168	100		
139	43.5	32.6	49.0
169	15.6	11.8	17.6

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

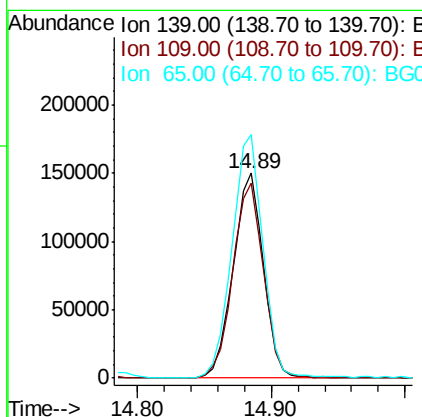
Manual Integrations
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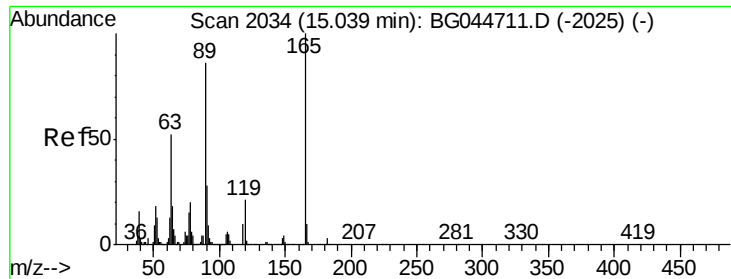
mohammad
3/11/2020 4:57:04 PM



#56
4-Nitrophenol
Concen: 65.402 ng
RT: 14.89 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Tgt Ion	Ratio	Lower	Upper
139	100		
109	95.1	74.1	114.1
65	118.7	98.6	138.6





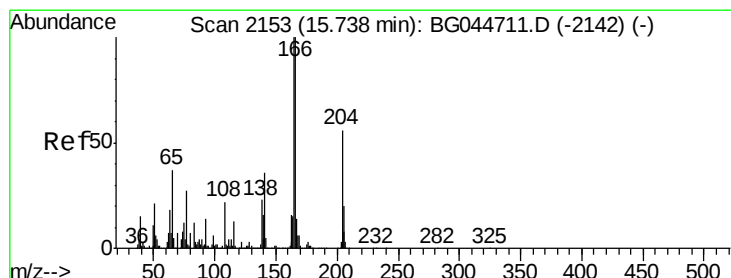
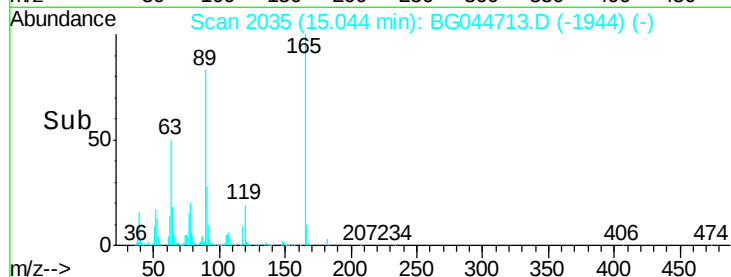
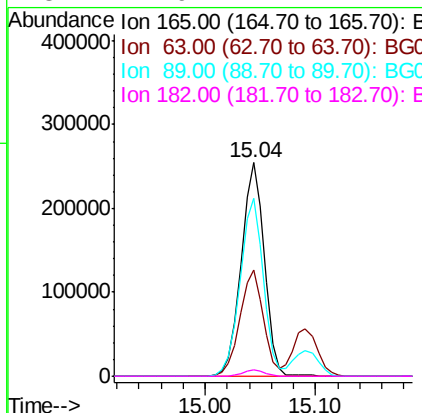
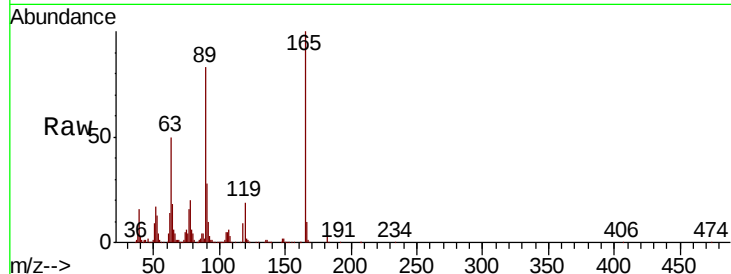
#57
2,4-Dinitrotoluene
Concen: 69.443 ng
RT: 15.04 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
165	100	374175		
63	49.8		41.5	62.3
89	83.1		69.0	103.4
182	2.9		2.7	4.1

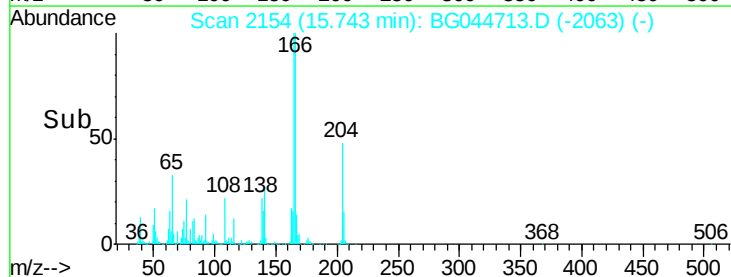
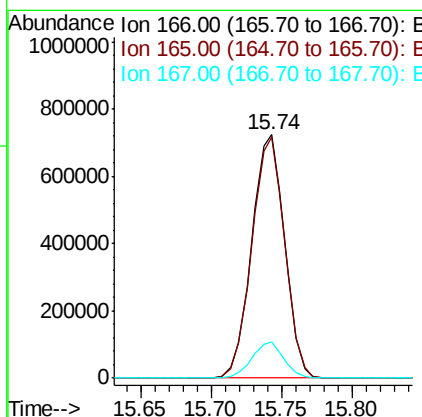
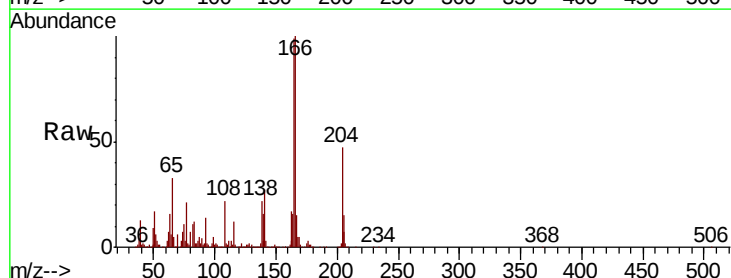
Manual Integrations
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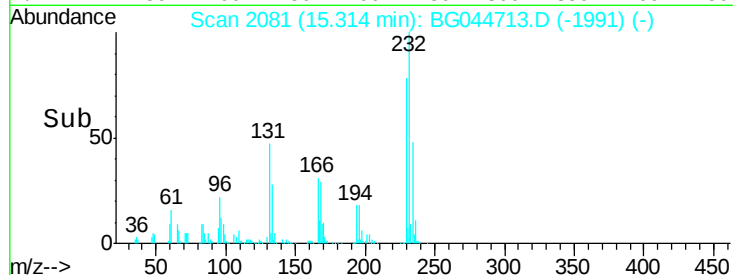
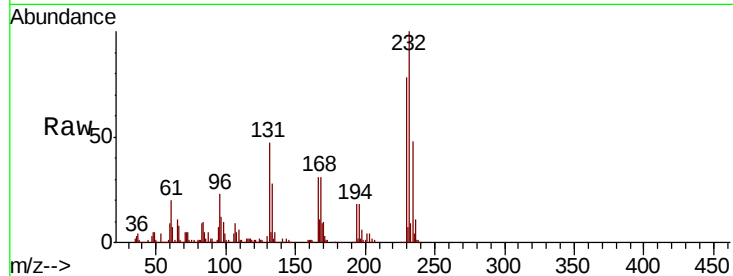
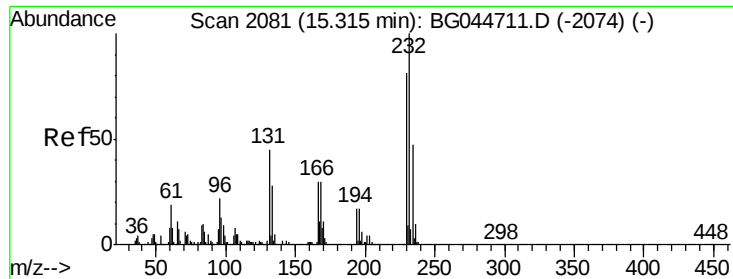
mohammad
3/11/2020 4:57:04 PM



#58
Fluorene
Concen: 56.385 ng
RT: 15.74 min Scan# 2154
Delta R.T. 0.01 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1185577		
165	99.2		79.6	119.4
167	14.6		11.4	17.2





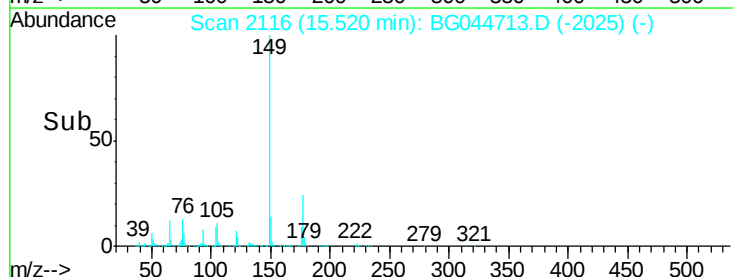
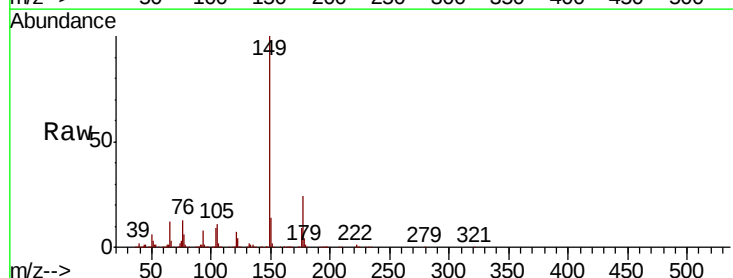
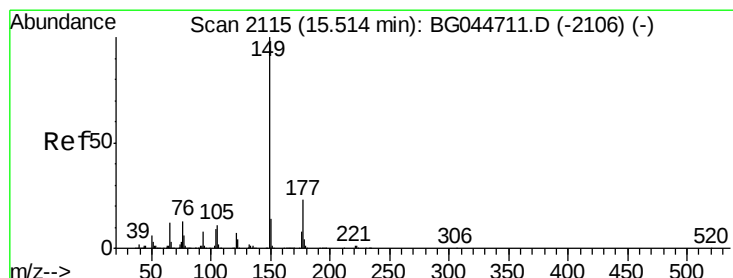
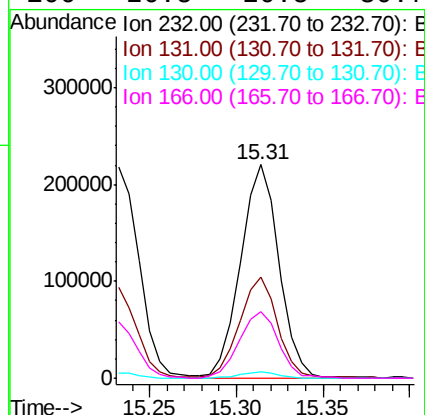
#59
2,3,4,6-Tetrachlorophenol
Concen: 57.247 ng m
RT: 15.31 min Scan# 2081
Delta R.T. -0.00 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
232	100			
131	42.5	32.4	48.6	
130	2.8	2.0	3.0	
166	26.5	20.5	30.7	

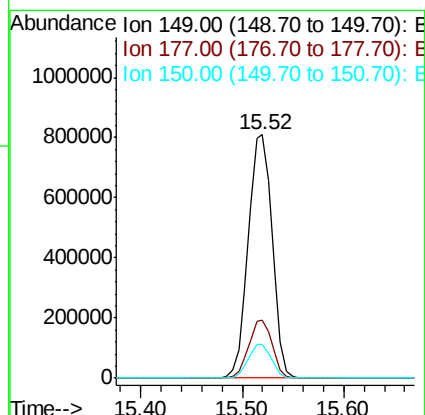
Manual Integrations
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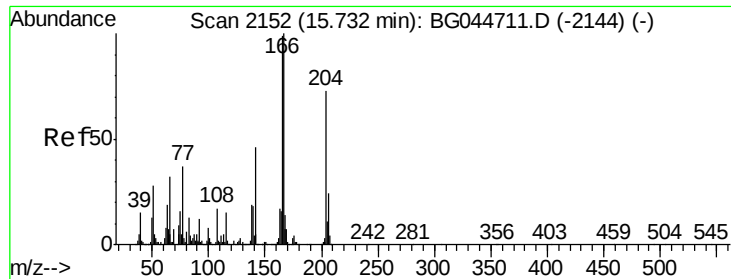
mohammad
3/11/2020 4:57:04 PM



#60
Diethylphthalate
Concen: 55.004 ng
RT: 15.52 min Scan# 2116
Delta R.T. 0.01 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
177	23.9	18.8	28.2	
150	13.9	11.2	16.8	





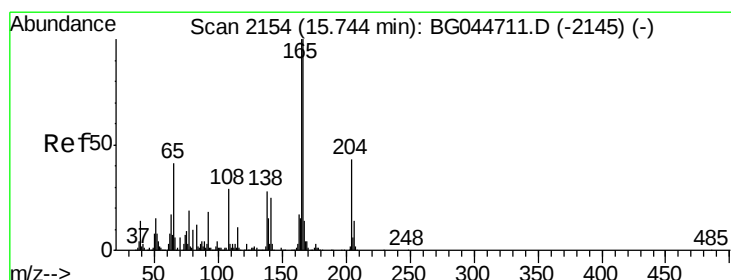
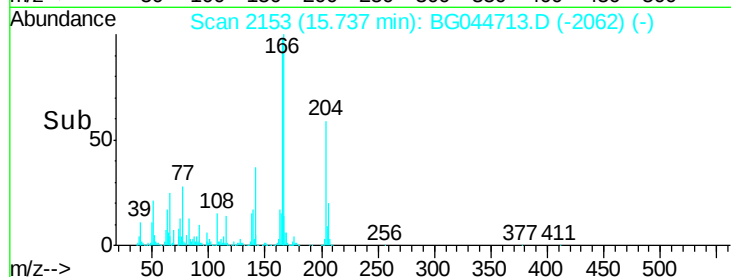
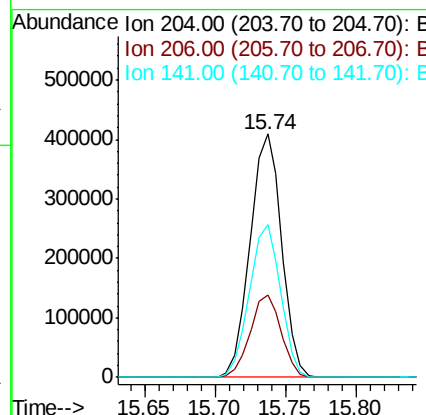
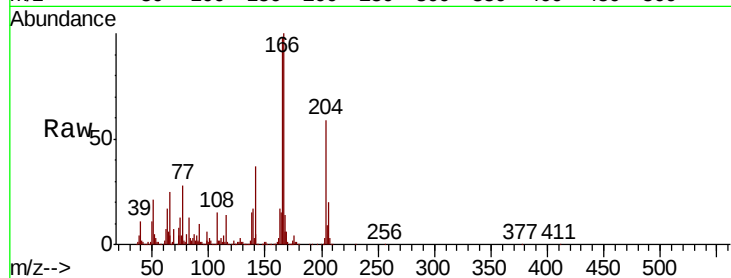
#61
4-Chlorophenyl-phenylether
Concen: 56.176 ng
RT: 15.74 min Scan# 2153
Delta R.T. 0.01 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	25.8	38.6
141	62.6	50.8	76.2

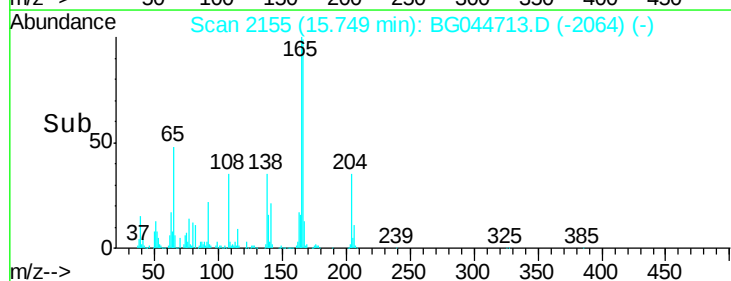
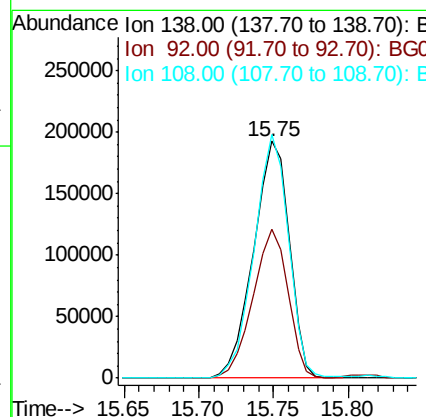
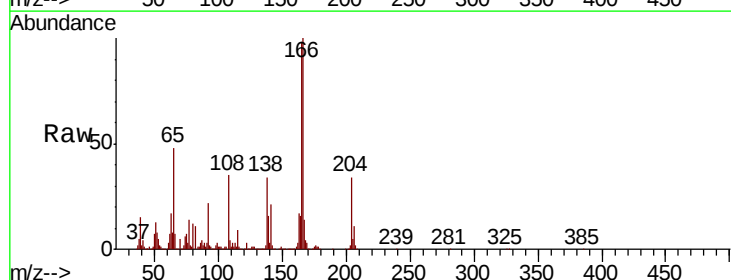
Manual Integrations
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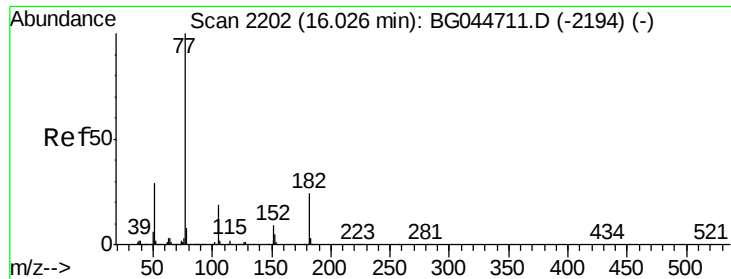
mohammad
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#62
4-Nitroaniline
Concen: 62.338 ng
RT: 15.75 min Scan# 2155
Delta R.T. 0.01 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Tgt Ion	Ratio	Lower	Upper
138	100		
92	62.8	42.1	82.1
108	102.8	81.2	121.2





#63

Azobenzene

Concen: 53.850 ng

RT: 16.03 min Scan# 2203

Delta R.T. 0.01 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tot Ion: 77 Resp: 1352123

Ion Ratio Lower Upper

77 100

182 25.4 3.6 43.6

105 19.8 0.0 39.3

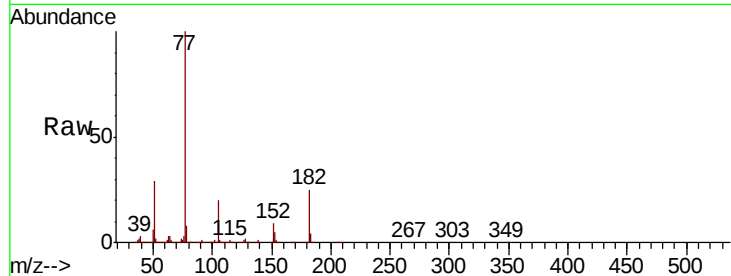
51 29.4 8.7 48.7

Manual Integrations

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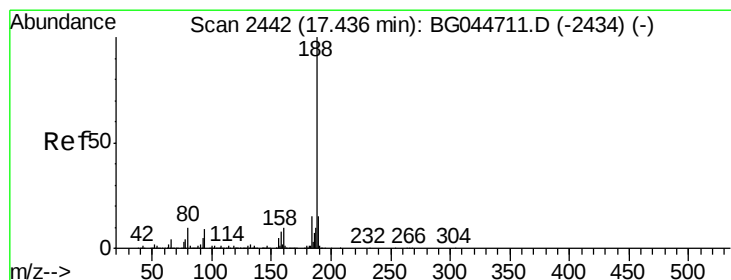
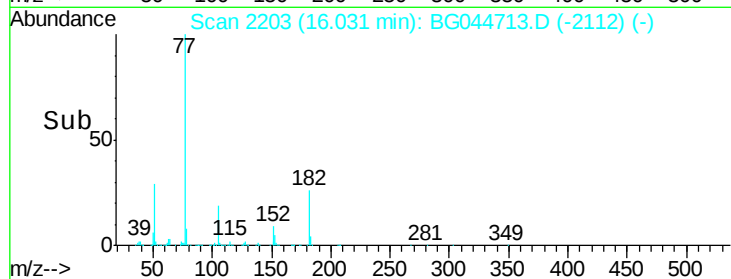
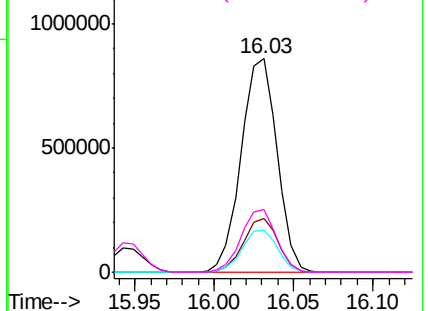


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.44 min Scan# 2442

Delta R.T. -0.00 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

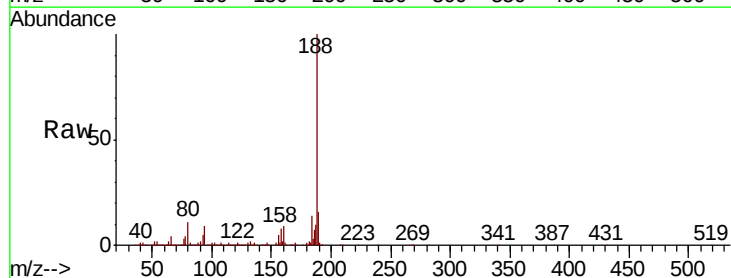
Tgt Ion: 188 Resp: 586515

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.6

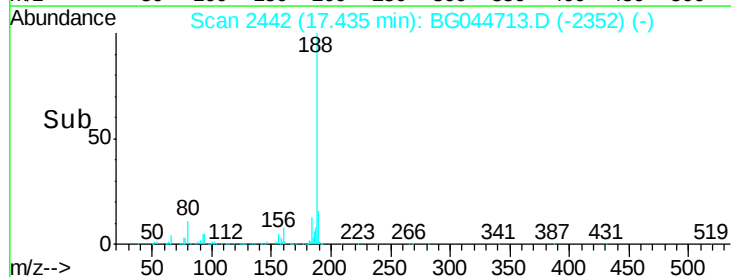
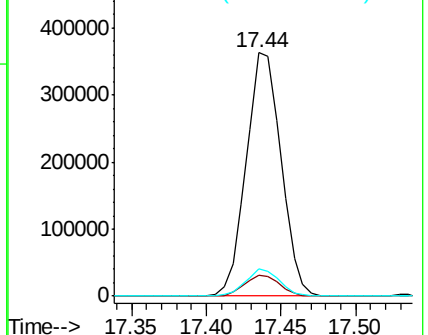
80 11.2 8.4 12.6

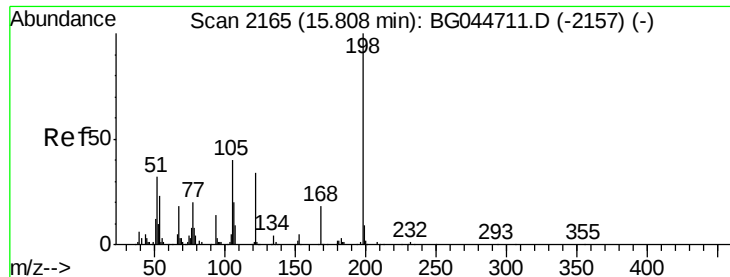


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





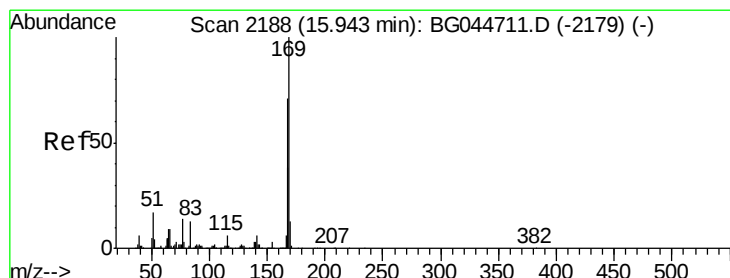
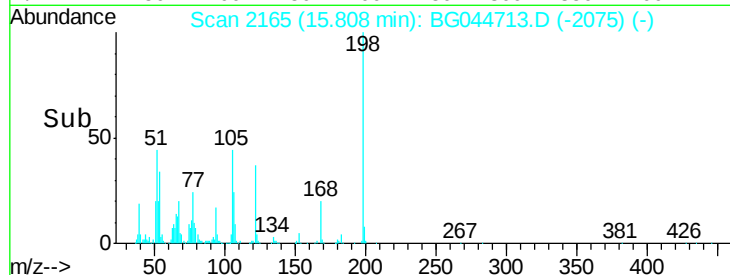
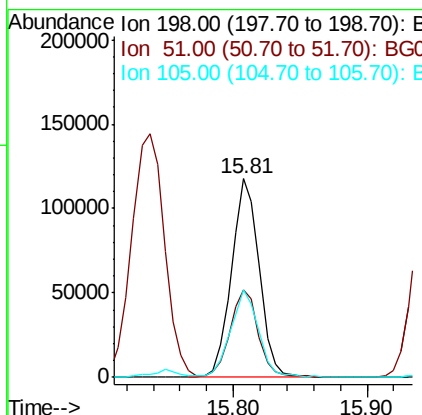
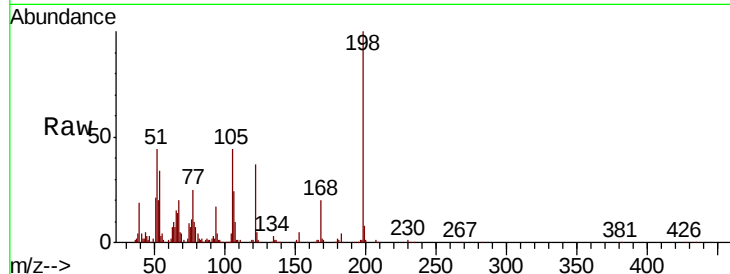
#65
4,6-Dinitro-2-methylphenol
Concen: 71.109 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
198	100	170386		
51	44.4	20.1	60.1	
105	44.2	21.3	61.3	

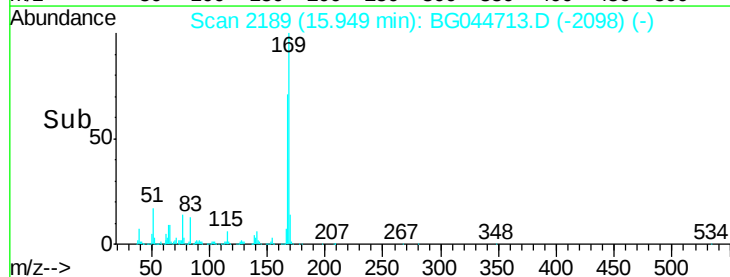
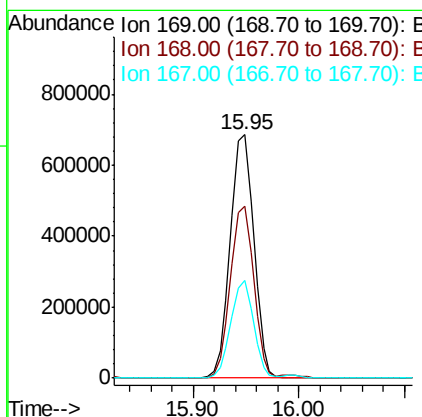
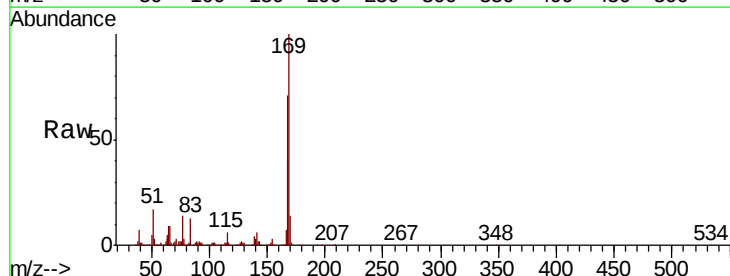
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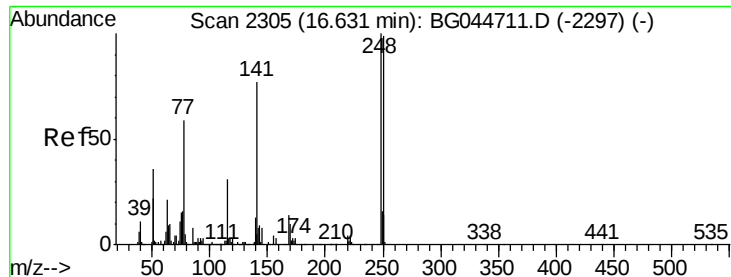
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 59.030 ng
RT: 15.95 min Scan# 2189
Delta R.T. 0.01 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1058562		
168	70.7	56.6	85.0	
167	40.0	30.1	45.1	





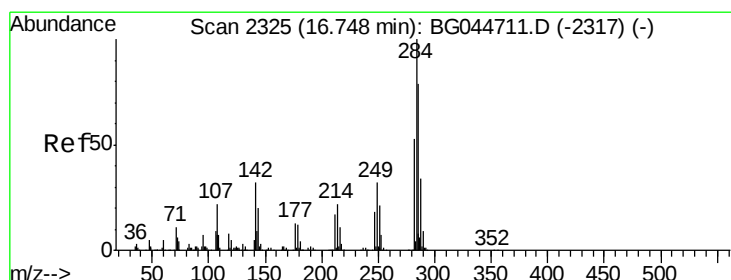
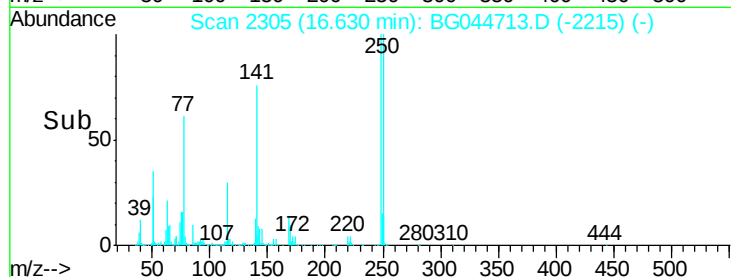
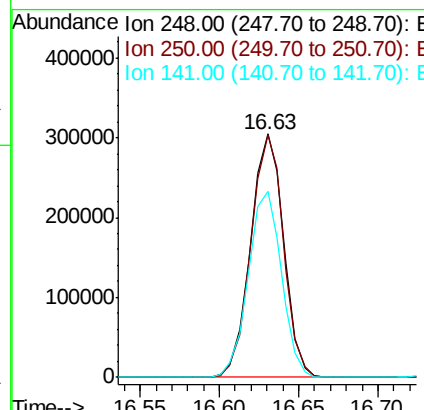
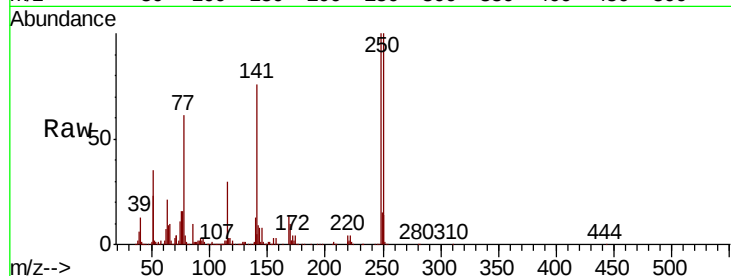
#67
4-Bromophenyl-phenylether
Concen: 59.524 ng
RT: 16.63 min Scan# 2305
Delta R.T. -0.00 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.6	79.4	119.0
141	76.4	61.7	92.5

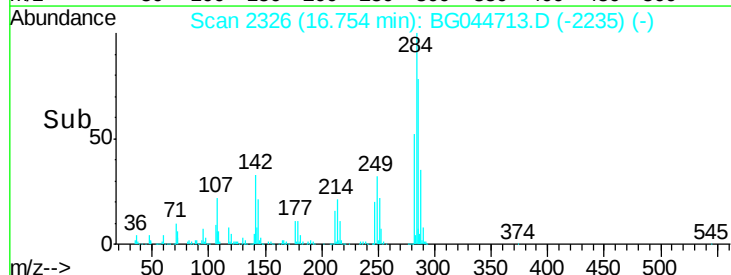
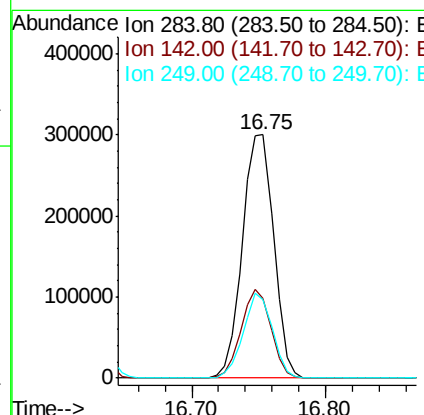
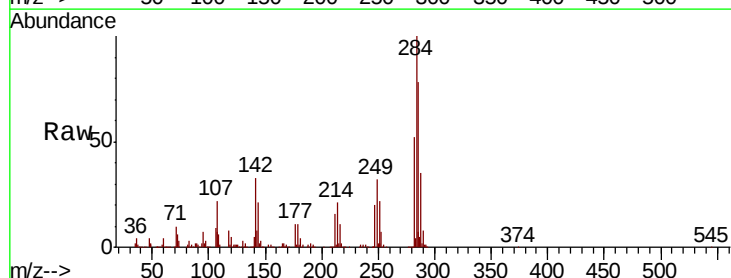
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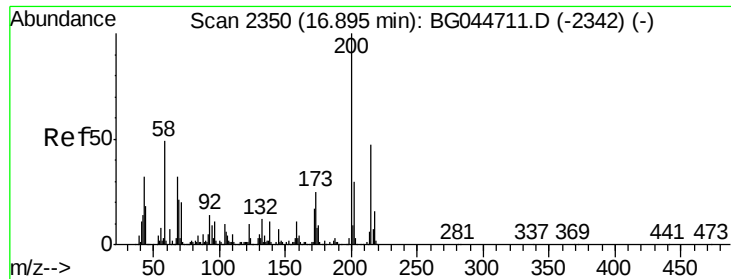
mohammad
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#68
Hexachlorobenzene
Concen: 60.851 ng
RT: 16.75 min Scan# 2326
Delta R.T. 0.01 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.6	25.6	38.4
249	32.4	25.8	38.6





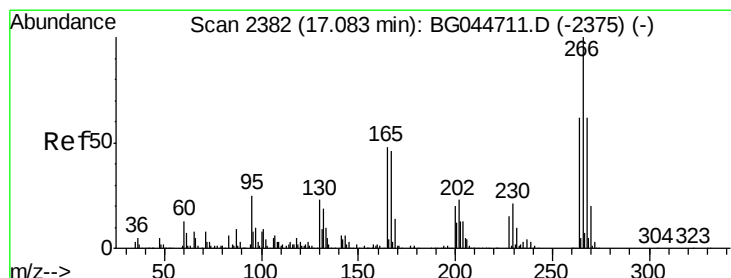
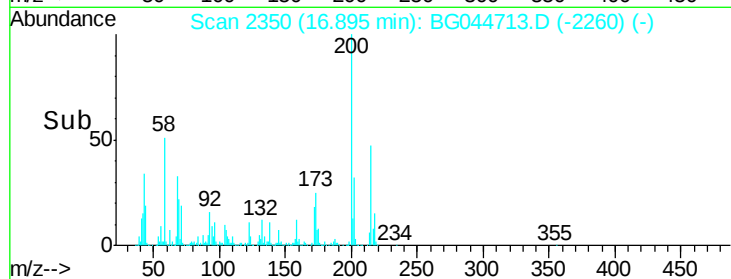
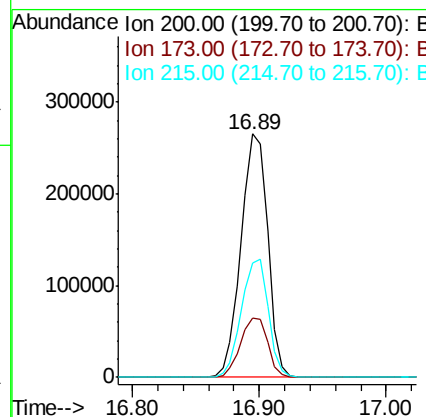
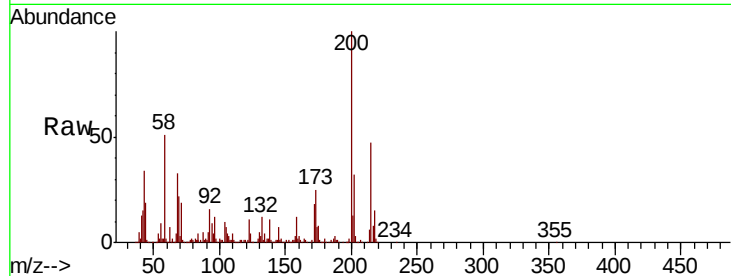
#69
Atrazine
Concen: 55.739 ng
RT: 16.89 min Scan# 2350
Delta R.T. -0.00 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.5	4.8	44.8
215	46.7	27.4	67.4

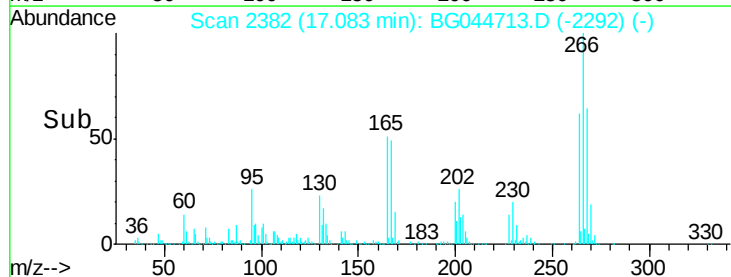
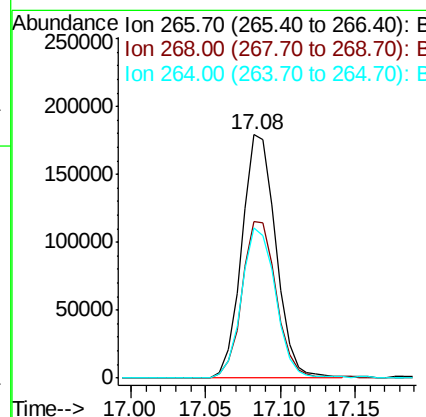
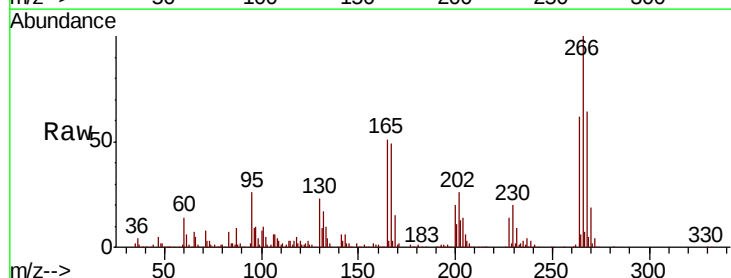
Manual Integrations
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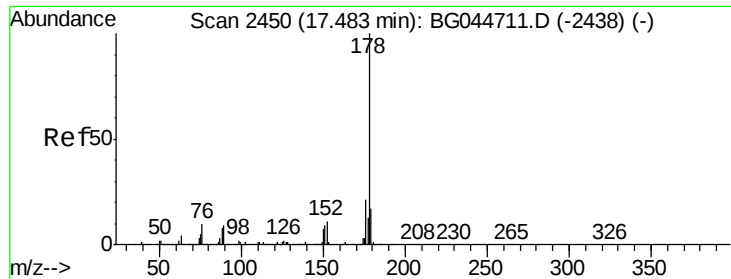
mohammad
3/11/2020 4:57:04 PM



#70
Pentachlorophenol
Concen: 62.430 ng
RT: 17.08 min Scan# 2382
Delta R.T. -0.00 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.3	49.9	74.9
264	61.7	49.9	74.9





#71

Phenanthrene

Concen: 58.398 ng

RT: 17.48 min Scan# 2450

Delta R.T. -0.00 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

Instrument :

BNA_G

ClientSampleId :

SSTDIC060

Tot Ion:178 Resp: 1878101

Ion Ratio Lower Upper

178 100

176 22.3 17.0 25.6

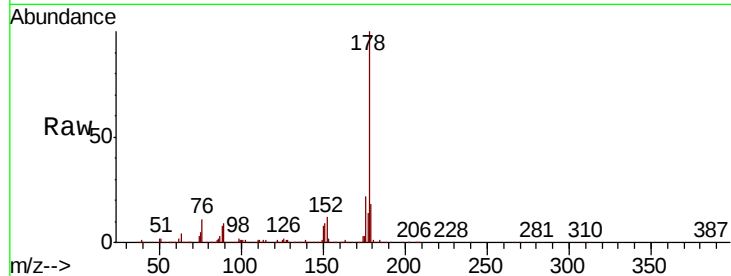
179 17.7 13.7 20.5

Manual Integrations

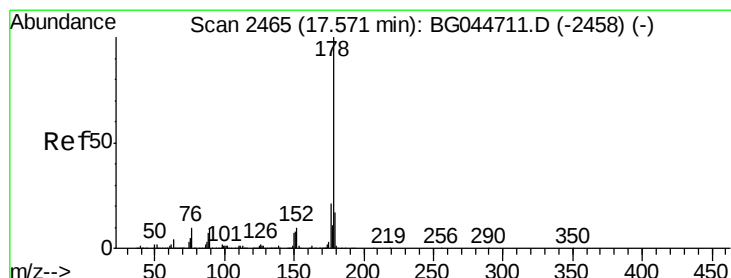
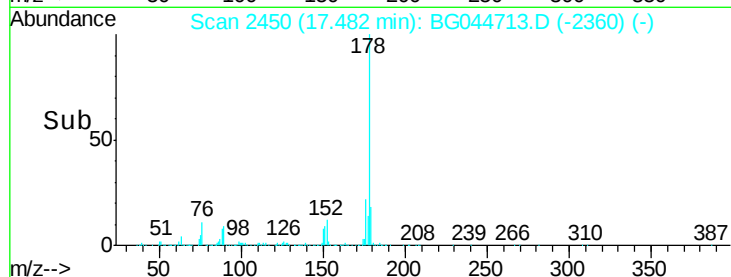
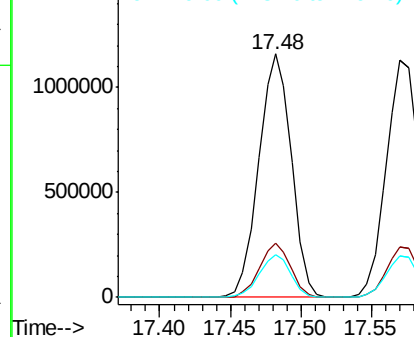
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 57.951 ng

RT: 17.57 min Scan# 2465

Delta R.T. -0.00 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

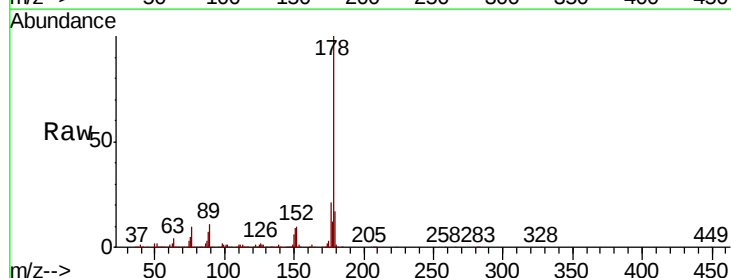
Tgt Ion:178 Resp: 1835650

Ion Ratio Lower Upper

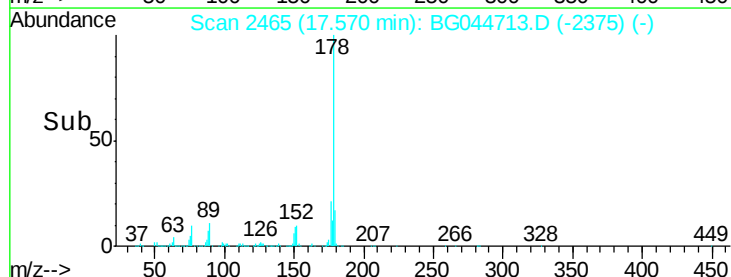
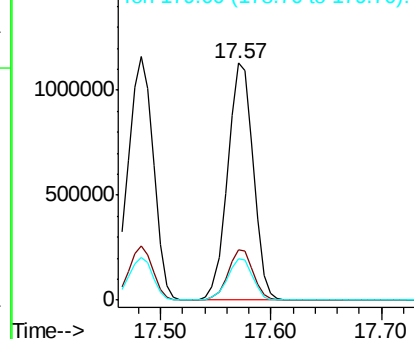
178 100

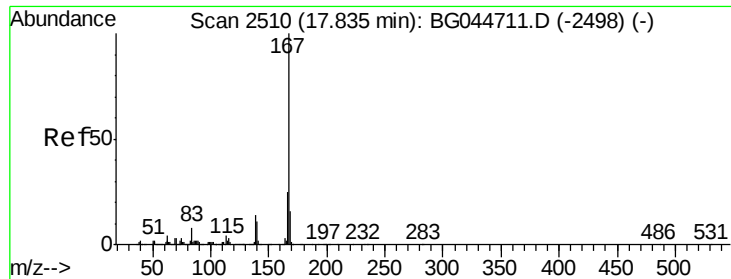
176 21.4 17.0 25.6

179 17.2 13.8 20.8



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: 58.541 ng

RT: 17.83 min Scan# 2510

Delta R.T. -0.00 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tot Ion:167 Resp: 1775864

Ion	Ratio	Lower	Upper
167	100		
166	25.4	19.6	29.4
139	14.4	11.4	17.2

167 100

166 25.4 19.6 29.4

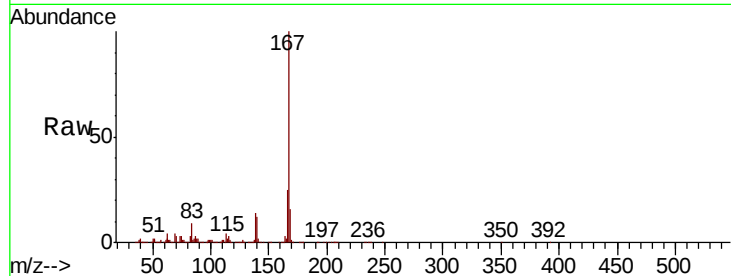
139 14.4 11.4 17.2

Manual Integrations

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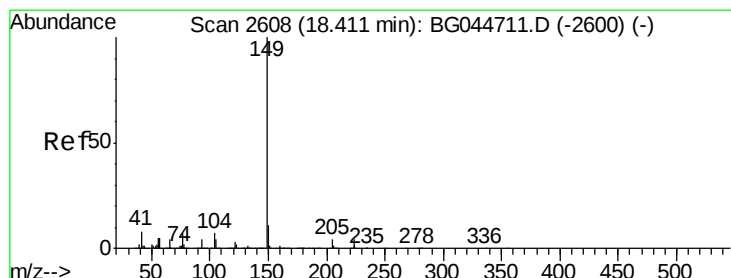
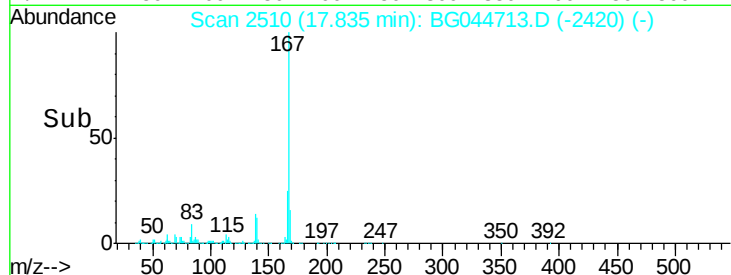
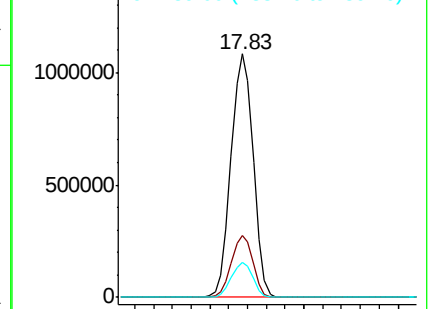


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 55.991 ng

RT: 18.41 min Scan# 2608

Delta R.T. -0.00 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

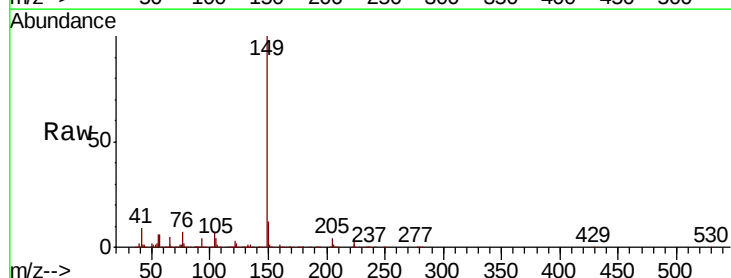
Tgt Ion:149 Resp: 2139167

Ion	Ratio	Lower	Upper
149	100		
150	11.6	8.4	12.6
104	7.1	5.6	8.4

149 100

150 11.6 8.4 12.6

104 7.1 5.6 8.4

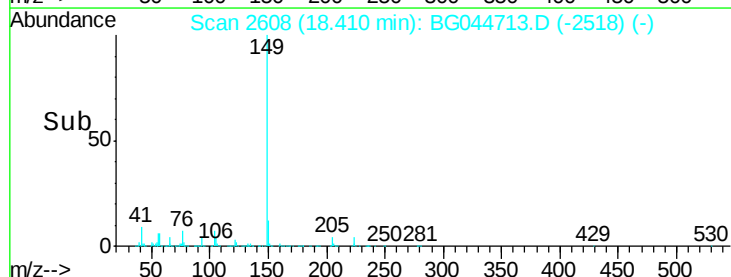
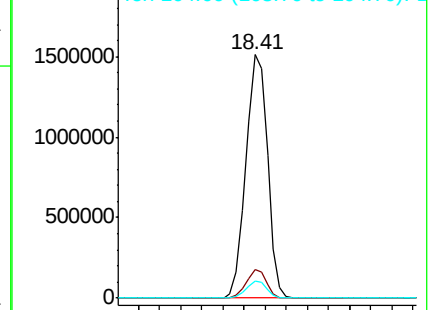


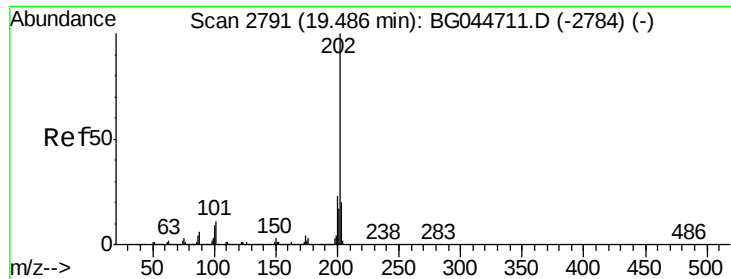
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





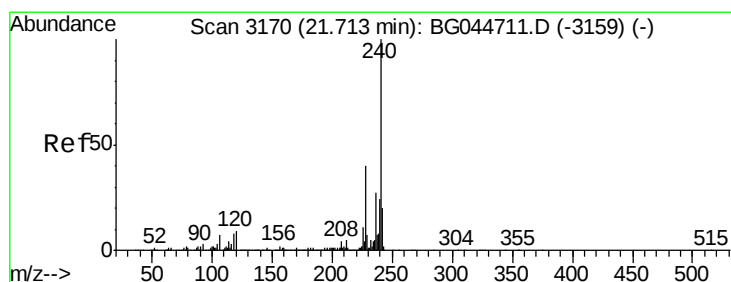
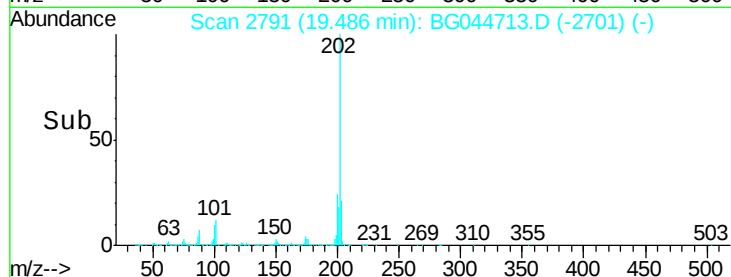
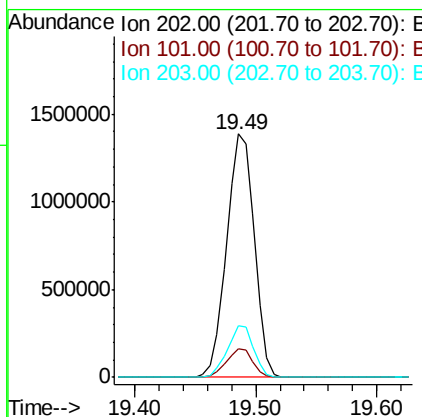
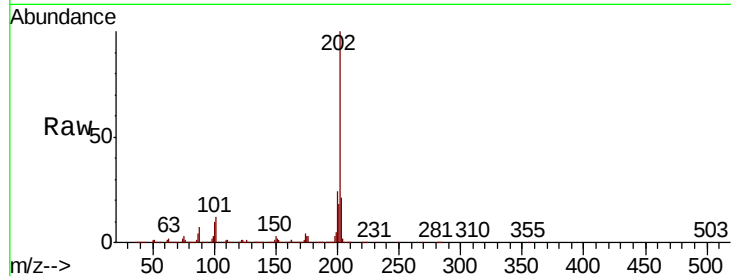
#75
 Fluoranthene
 Concen: 56.622 ng
 RT: 19.49 min Scan# 2791
 Delta R.T. -0.00 min
 Lab File: BG044713.D
 Acq: 10 Mar 2020 13:46

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.3
203	21.1	0.4	40.4

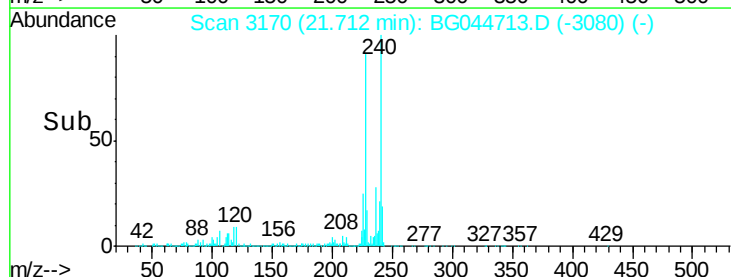
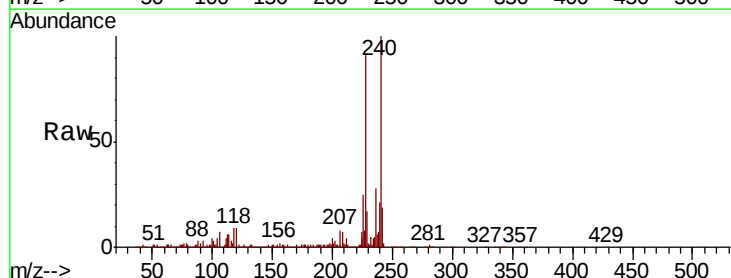
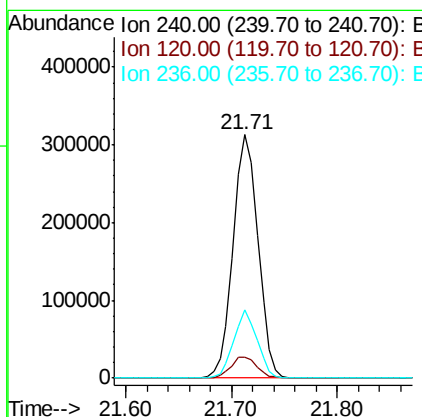
Manual Integrations
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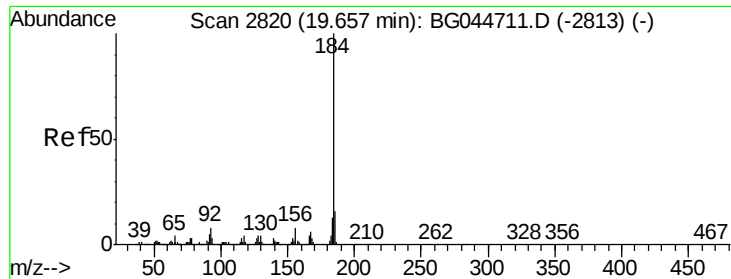
mohammad
 3/11/2020 4:57:04 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3170
 Delta R.T. -0.00 min
 Lab File: BG044713.D
 Acq: 10 Mar 2020 13:46

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.8	6.9	10.3
236	27.9	21.9	32.9





#77

Benzidine

Concen: 46.757 ng

RT: 19.66 min Scan# 2821

Delta R.T. 0.01 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

Instrument :

BNA_G

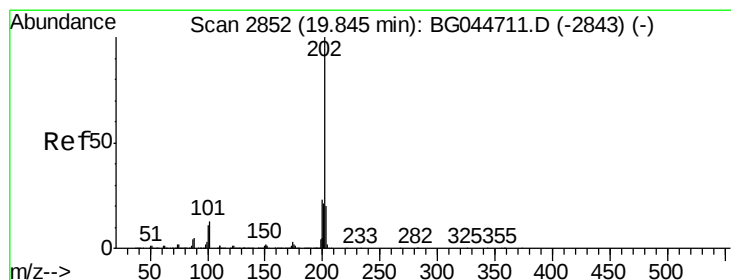
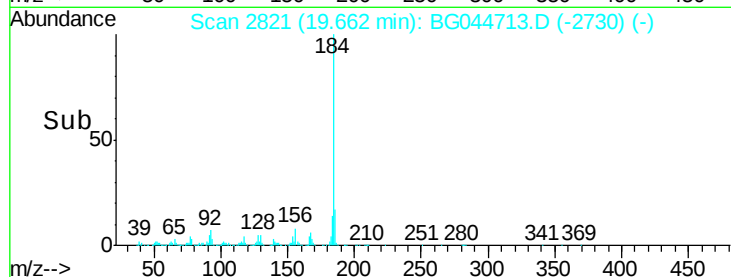
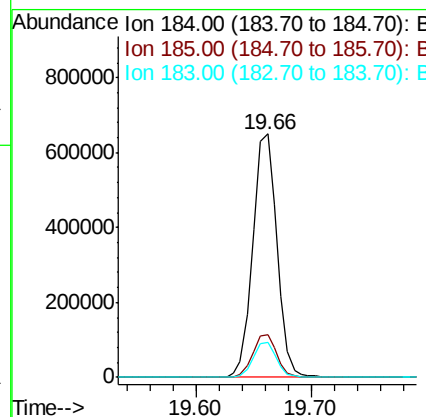
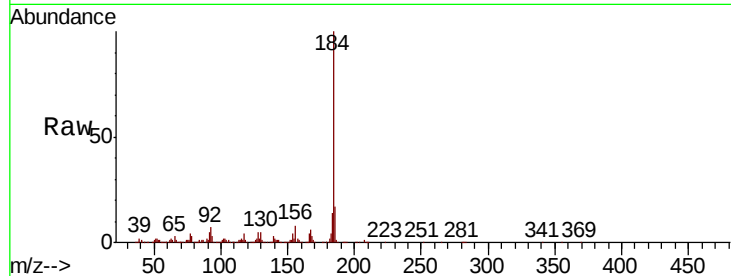
ClientSampleId :

SSTDICC060

Tot Ion	Ratio	Lower	Upper
184	100		
185	17.5	12.9	19.3
183	14.2	10.6	15.8

Manual Integrations
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#78

Pyrene

Concen: 56.358 ng

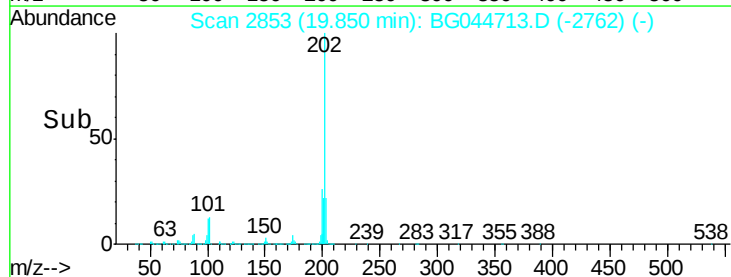
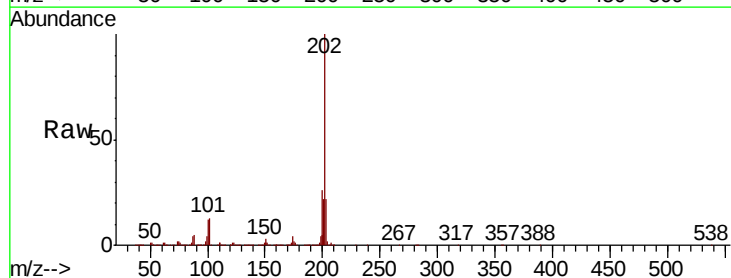
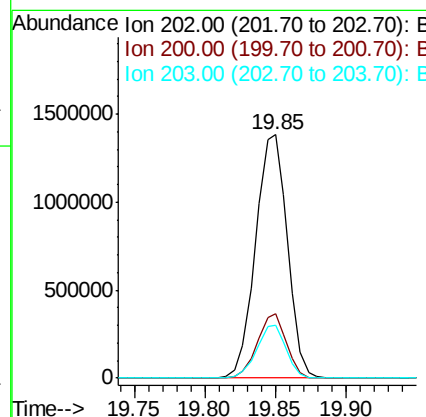
RT: 19.85 min Scan# 2853

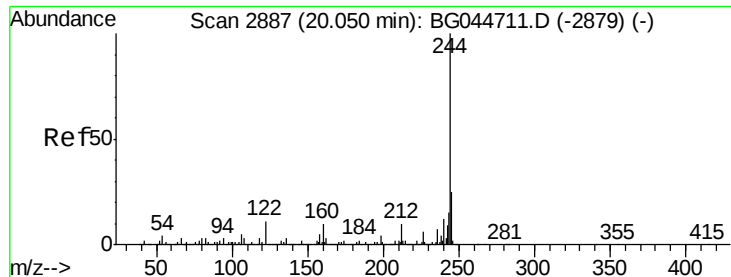
Delta R.T. 0.01 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

Tgt Ion	Ratio	Lower	Upper
202	100		
200	26.3	18.7	28.1
203	21.7	16.0	24.0





#79

Terphenyl-d14

Concen: 104.971 ng

RT: 20.06 min Scan# 2888

Delta R.T. 0.01 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tot Ion:244 Resp: 2991551

Ion Ratio Lower Upper

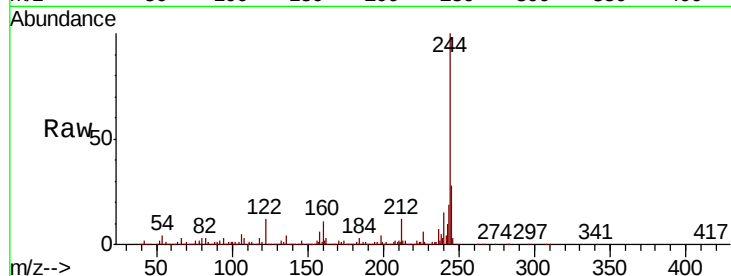
244 100

212 11.6 8.4 12.6

122 11.6 8.7 13.1

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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

2500000

2000000

1500000

1000000

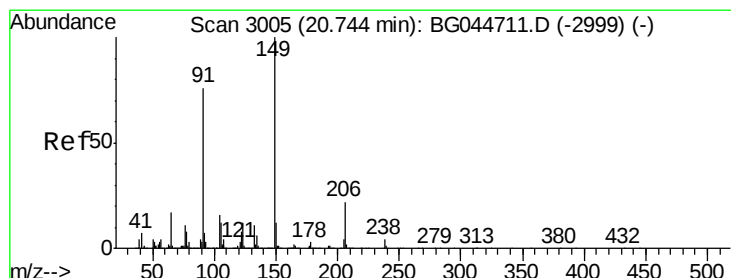
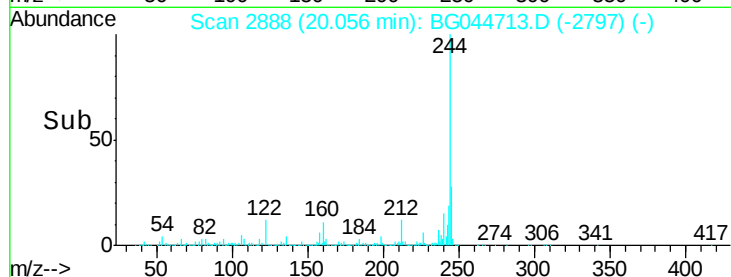
500000

0

20.06

20.00 20.10 20.20

Time-->



#80

Butylbenzylphthalate

Concen: 60.190 ng

RT: 20.74 min Scan# 3005

Delta R.T. -0.00 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

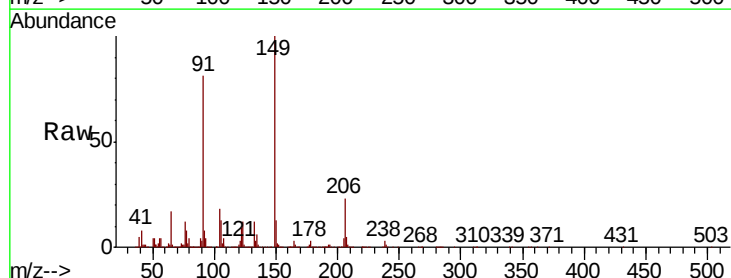
Tgt Ion:149 Resp: 1042453

Ion Ratio Lower Upper

149 100

91 81.1 61.1 91.7

206 23.4 17.4 26.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

1000000

800000

600000

400000

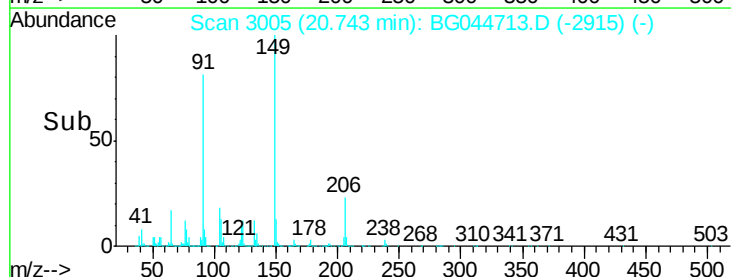
200000

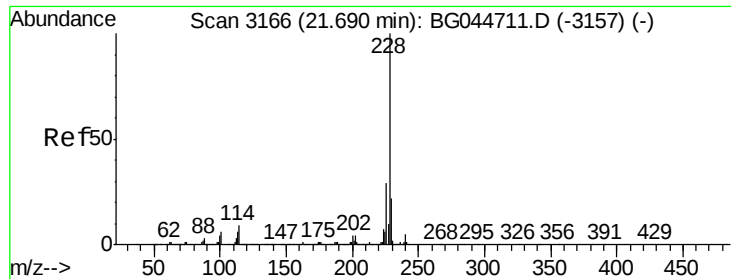
0

20.74

20.65 20.70 20.75 20.80

Time-->





#81

Benzo(a)anthracene

Concen: 56.673 ng

RT: 21.69 min Scan# 3167

Delta R.T. 0.01 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

Instrument :

BNA_G

ClientSampleId :

SSTDIC060

Tot Ion:228 Resp: 2162023

Ion Ratio Lower Upper

228 100

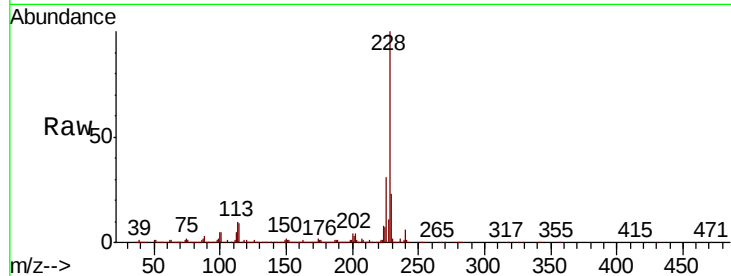
226 31.2 23.5 35.3

229 22.9 17.2 25.8

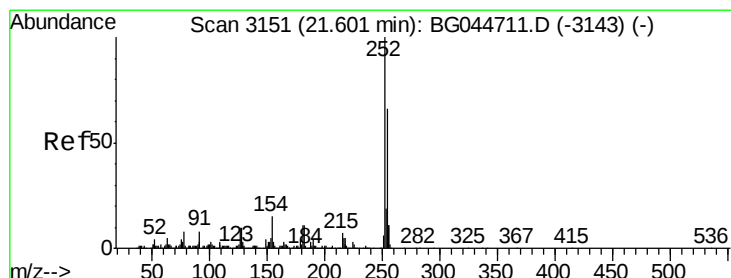
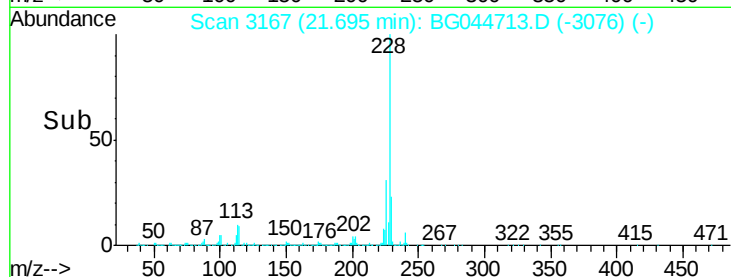
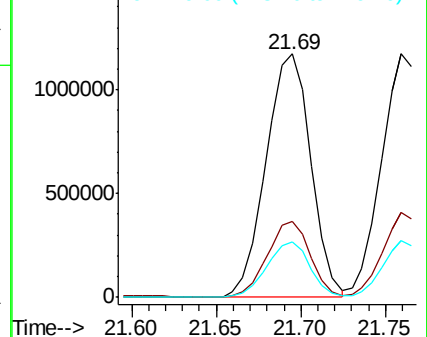
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 56.358 ng

RT: 21.61 min Scan# 3152

Delta R.T. 0.01 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

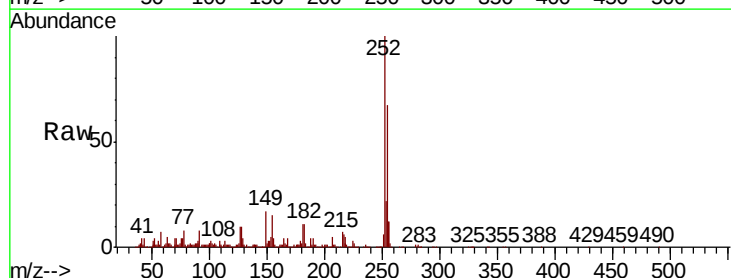
Tgt Ion:252 Resp: 856031

Ion Ratio Lower Upper

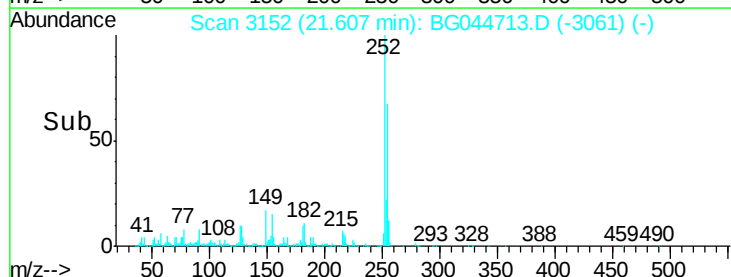
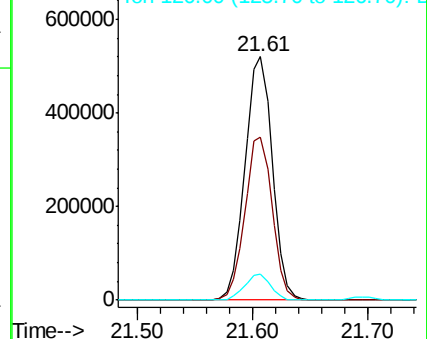
252 100

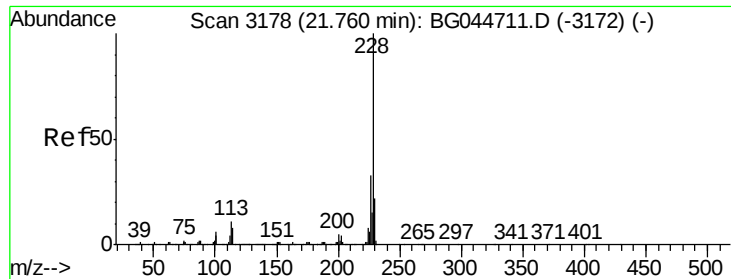
254 67.1 53.0 79.4

126 10.5 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





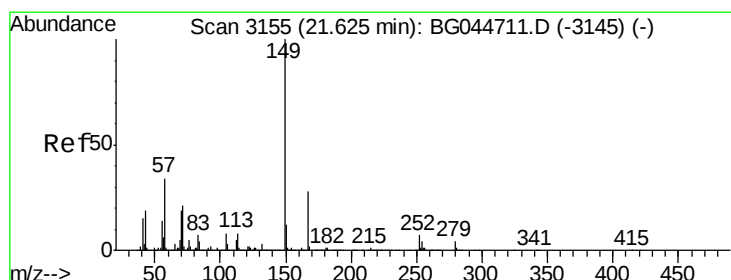
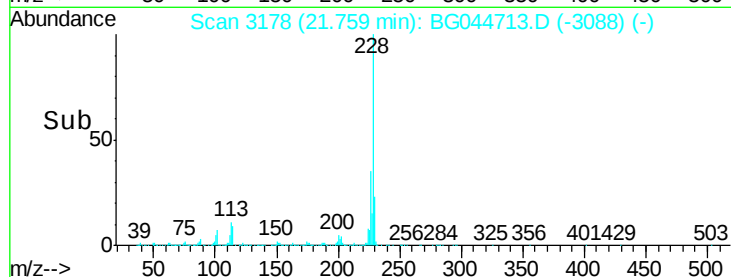
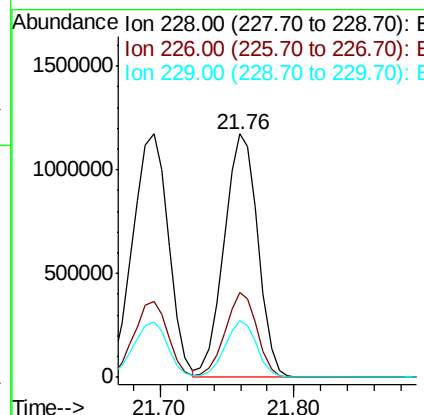
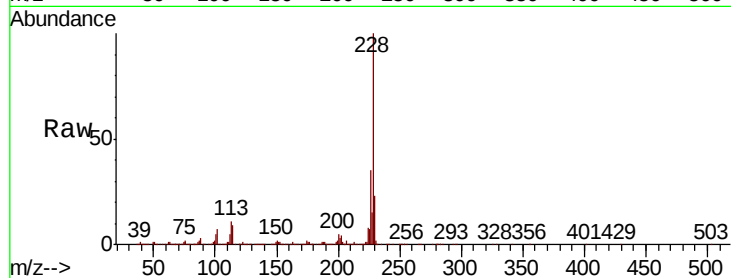
#83
Chrysene
Concen: 57.273 ng
RT: 21.76 min Scan# 3178
Delta R.T. -0.00 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.8	26.1	39.1
229	23.2	17.4	26.0

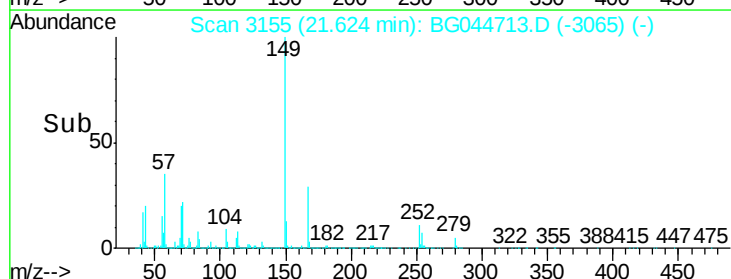
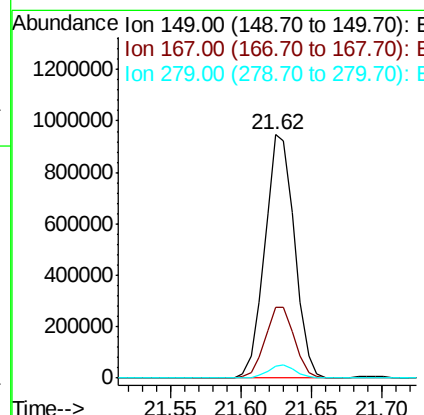
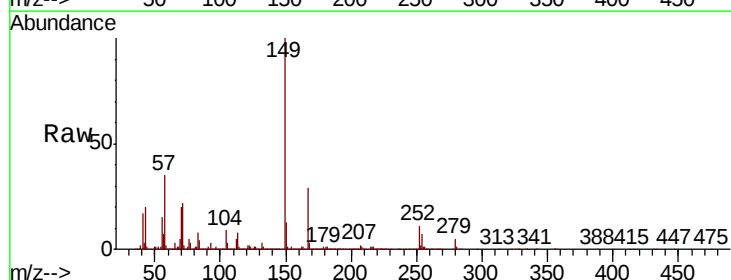
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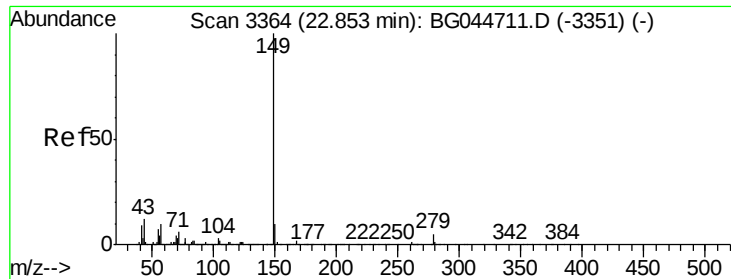
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 57.899 ng
RT: 21.62 min Scan# 3155
Delta R.T. -0.00 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.0	22.6	33.8
279	4.8	3.5	5.3





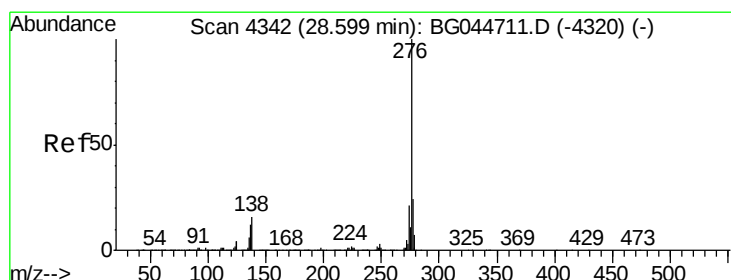
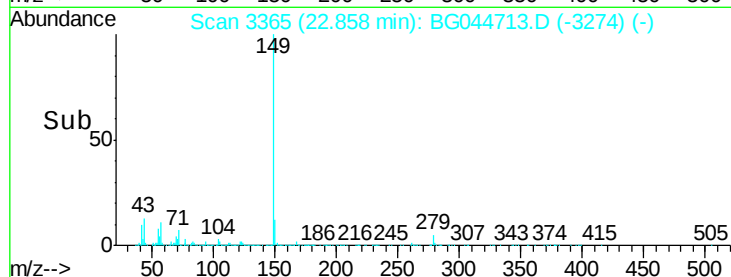
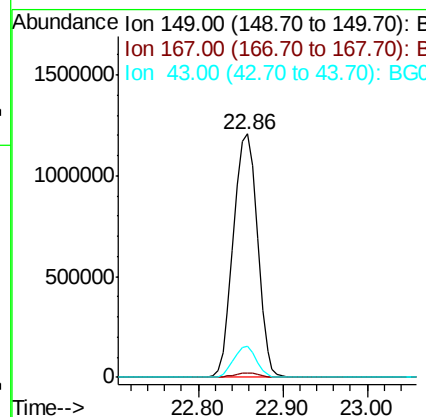
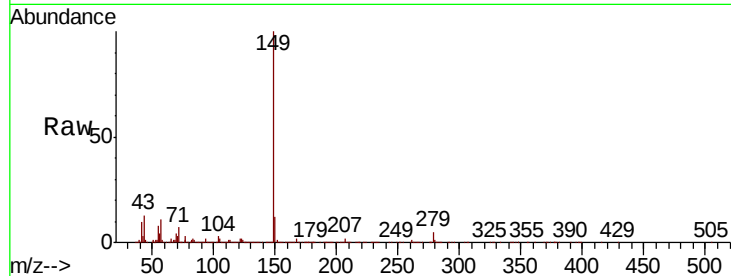
#85
Di-n-octyl phthalate
Concen: 57.080 ng
RT: 22.86 min Scan# 3365
Delta R.T. 0.01 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	12.0	9.0	13.6

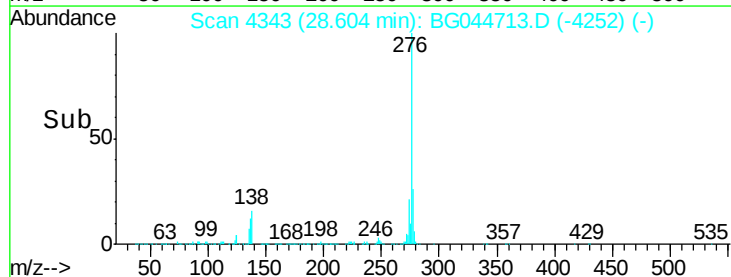
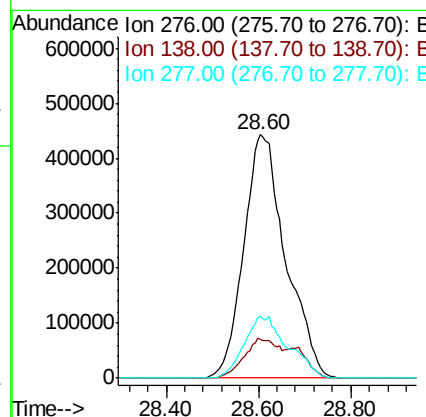
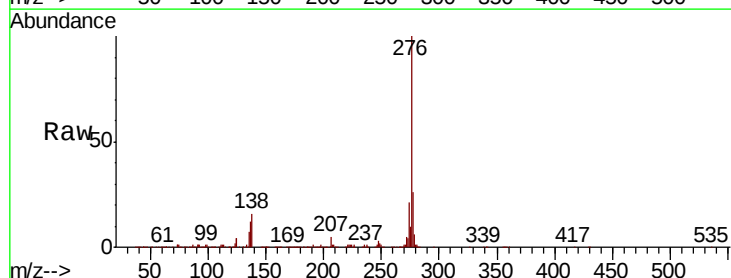
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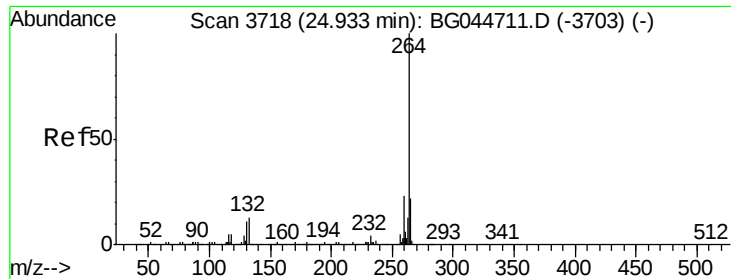
mohammad
3/11/2020 4:57:04 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 58.391 ng
RT: 28.60 min Scan# 4343
Delta R.T. 0.01 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.7	10.9	16.3
277	26.4	20.8	31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3718

Delta R.T. -0.00 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

Instrument :

BNA_G

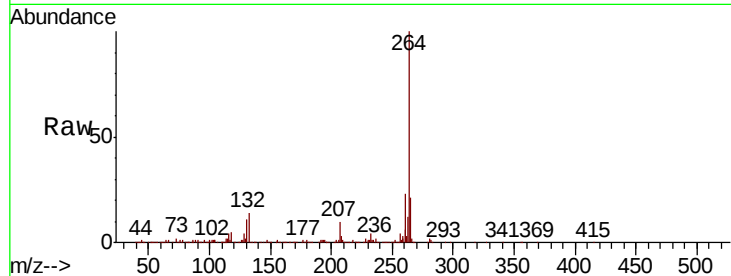
ClientSampleId :

SSTDICC060

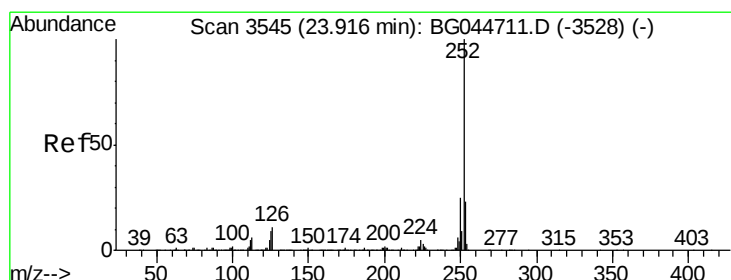
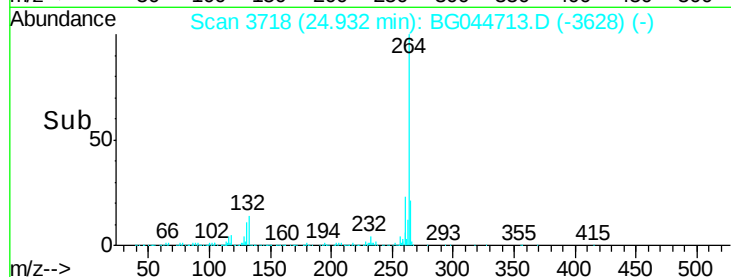
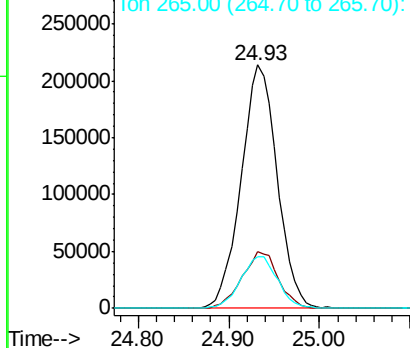
Tot Ion:	264	Resp:	591545
Ion Ratio	Lower	Upper	
264	100		
260	23.4	18.4	27.6
265	21.1	17.4	26.2

Manual Integrations
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3/11/2020 4:57:04 PM



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 58.714 ng

RT: 23.92 min Scan# 3546

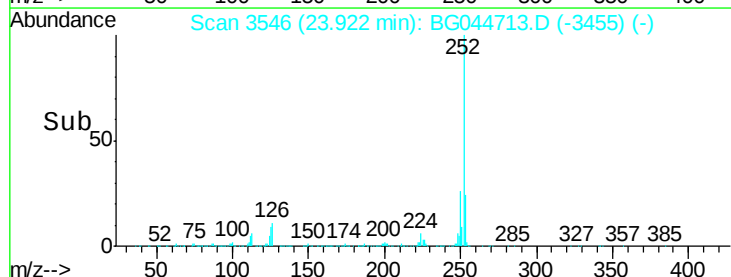
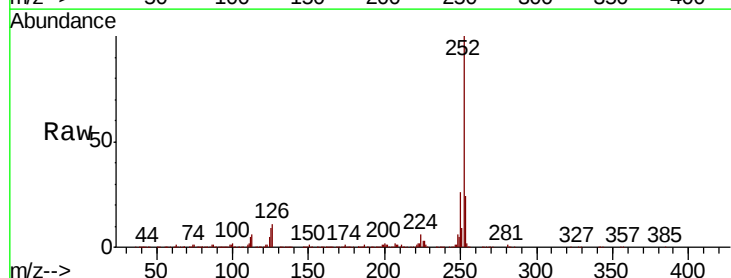
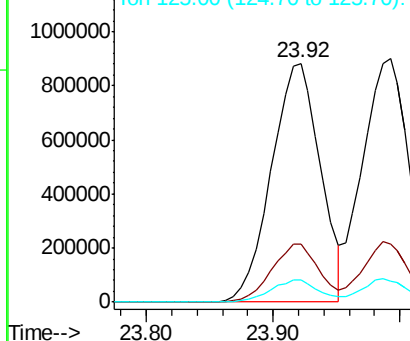
Delta R.T. 0.01 min

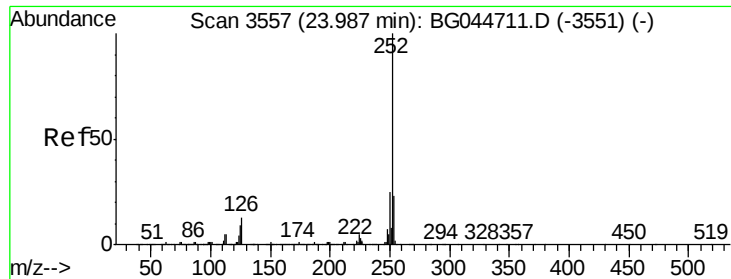
Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

Tgt Ion:	252	Resp:	2363871
Ion Ratio	Lower	Upper	
252	100		
253	24.3	18.7	28.1
125	9.1	7.2	10.8

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





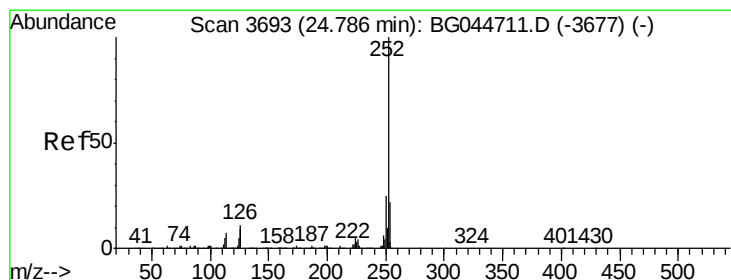
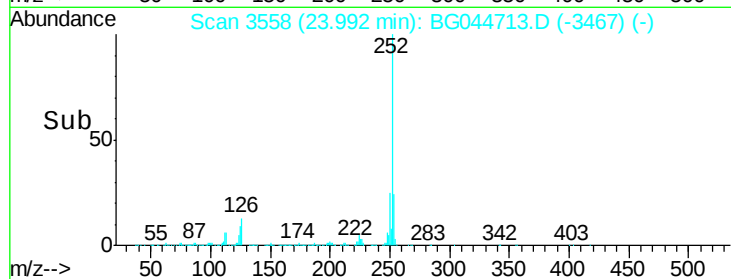
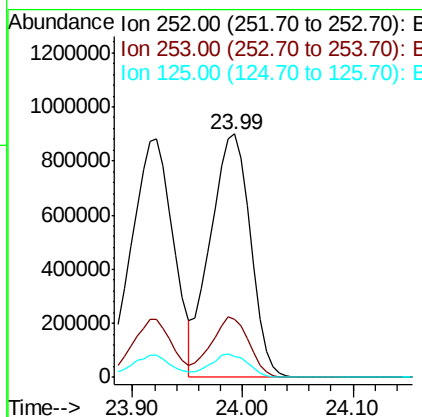
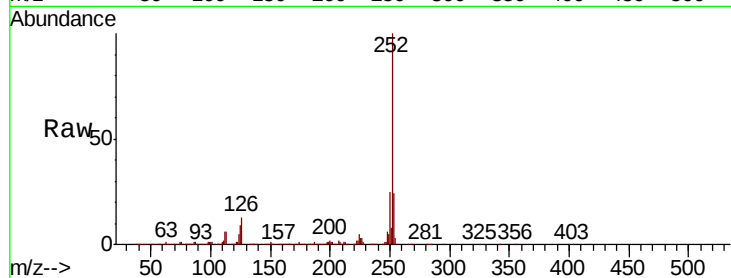
#89
Benzo(k)fluoranthene
Concen: 59.973 ng
RT: 23.99 min Scan# 3558
Delta R.T. 0.01 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.4	27.6
125	8.7	7.0	10.4

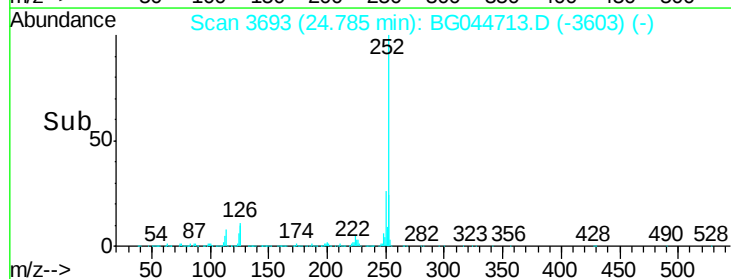
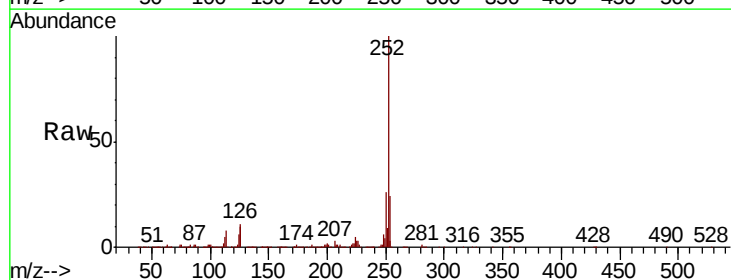
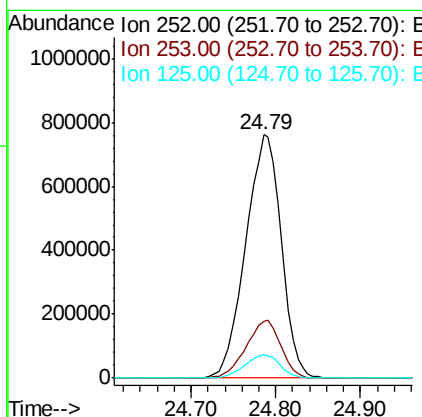
Manual Integrations
APPROVED

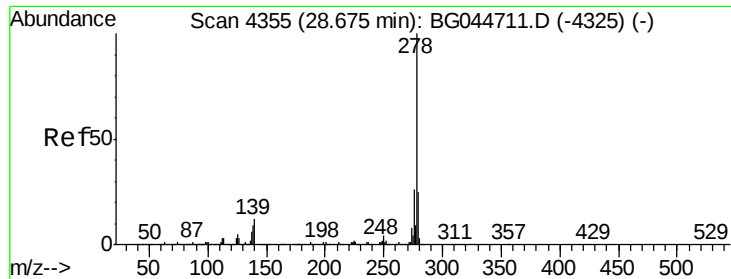
mohammad
3/11/2020 4:57:04 PM



#90
Benzo(a)pyrene
Concen: 59.472 ng
RT: 24.79 min Scan# 3693
Delta R.T. -0.00 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.7	26.5
125	9.6	7.0	10.6





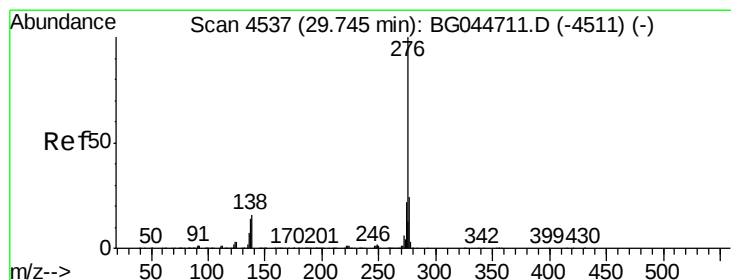
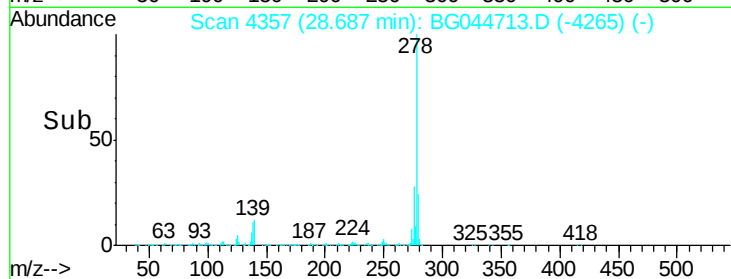
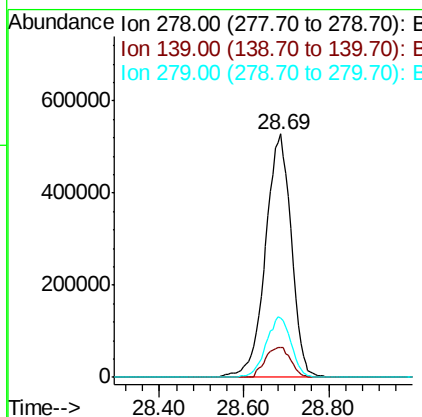
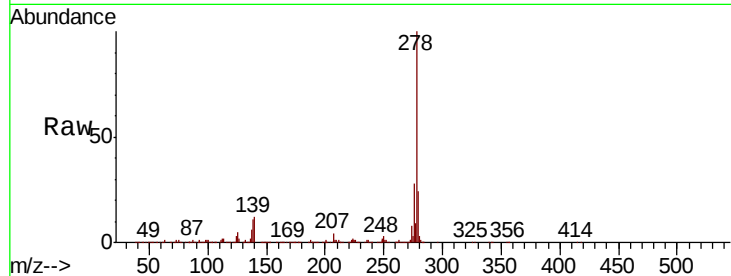
#91
Dibenzo(a,h)anthracene
Concen: 59.539 ng
RT: 28.69 min Scan# 4357
Delta R.T. 0.01 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.5	9.9	14.9
279	24.4	20.2	30.4

Manual Integrations
APPROVED

mohammad
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#92
Benzo(g,h,i)perylene
Concen: 60.101 ng
RT: 29.74 min Scan# 4537
Delta R.T. -0.00 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.8	28.2
138	16.0	13.0	19.4

