

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030920\
 Data File : BG044701.D
 Acq On : 9 Mar 2020 13:24
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTDCCC040

Manual Integrations
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 3/10/2020 2:43:43 PM

Quant Time: Mar 09 19:09:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 05 17:42:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	102910	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	413508	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	289025	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	649184	20.00	ng	0.00
76) Chrysene-d12	21.71	240	545098	20.00	ng	0.00
87) Perylene-d12	24.93	264	644031	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	513054	74.87	ng	0.00
7) Phenol-d6	7.21	99	757399	73.13	ng	0.00
23) Nitrobenzene-d5	9.22	82	725095	79.84	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	285592	71.93	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1560620	75.22	ng	0.00
79) Terphenyl-d14	20.05	244	2271396	74.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	122542	37.309	ng	97
3) Pyridine	3.92	79	372604m	36.588	ng	
4) n-Nitrosodimethylamine	3.83	42	145775	33.840	ng	# 71
6) Aniline	7.38	93	472544	36.419	ng	98
8) 2-Chlorophenol	7.62	128	260793	37.552	ng	99
9) Benzaldehyde	7.19	77	220116	33.109	ng	93
10) Phenol	7.24	94	385423	37.775	ng	98
11) bis(2-Chloroethyl)ether	7.48	93	303149	38.668	ng	97
12) 1,3-Dichlorobenzene	7.95	146	316256	38.290	ng	97
13) 1,4-Dichlorobenzene	8.09	146	319090	38.669	ng	95
14) 1,2-Dichlorobenzene	8.42	146	297900	38.192	ng	97
15) Benzyl Alcohol	8.29	79	320726	35.894	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.59	45	536190	36.201	ng	95
17) 2-Methylphenol	8.49	107	257433	36.824	ng	97
18) Hexachloroethane	9.15	117	123020	37.171	ng	96
19) n-Nitroso-di-n-propylamine	8.87	70	281578	36.390	ng	96
20) 3+4-Methylphenols	8.82	107	360610	37.027	ng	97
22) Acetophenone	8.88	105	489366	40.539	ng	98
24) Nitrobenzene	9.26	77	378812	39.341	ng	99
25) Isophorone	9.79	82	732868	36.592	ng	96
26) 2-Nitrophenol	9.97	139	114209	35.877	ng	91
27) 2,4-Dimethylphenol	10.03	122	231501	36.843	ng	97
28) bis(2-Chloroethoxy)methane	10.27	93	436560	38.718	ng	100
29) 2,4-Dichlorophenol	10.51	162	275587	38.547	ng	97
30) 1,2,4-Trichlorobenzene	10.73	180	319592	38.483	ng	99
31) Naphthalene	10.92	128	908598	39.154	ng	98
32) Benzoic acid	10.16	122	151261	33.779	ng	98
33) 4-Chloroaniline	11.01	127	407068	38.085	ng	97
34) Hexachlorobutadiene	11.22	225	214371	37.781	ng	98
35) Caprolactam	11.79	113	108032	36.198	ng	96
36) 4-Chloro-3-methylphenol	12.14	107	335843	37.093	ng	96
37) 2-Methylnaphthalene	12.52	142	677150	38.668	ng	98
38) 1-Methylnaphthalene	12.74	142	631595	38.152	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	363949	38.789	ng	100

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 ClientSampleID :
 SSTDC040

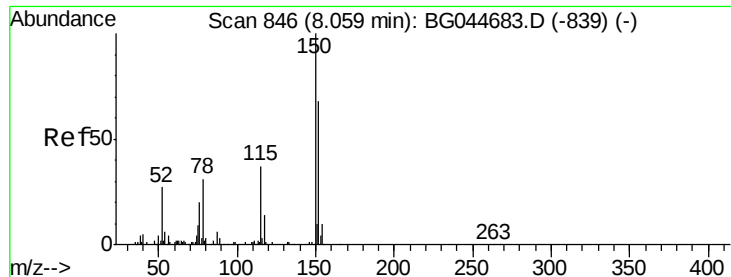
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Quant Time: Mar 09 19:09:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	189233	34.490	nq	96
43) 2,4,6-Trichlorophenol	13.12	196	236225	36.317	nq	98
44) 2,4,5-Trichlorophenol	13.19	196	250521	37.555	nq	96
46) 1,1'-Biphenyl	13.53	154	880721	38.312	nq	99
47) 2-Chloronaphthalene	13.57	162	670222	38.222	nq	100
48) 2-Nitroaniline	13.76	65	229773	37.541	nq	97
49) Acenaphthylene	14.42	152	1063864	37.869	nq	99
50) Dimethylphthalate	14.15	163	908872	37.825	nq	99
51) 2,6-Dinitrotoluene	14.26	165	175443	40.634	nq	94
52) Acenaphthene	14.76	154	689394	37.952	nq	98
53) 3-Nitroaniline	14.58	138	203736	40.946	nq	95
54) 2,4-Dinitrophenol	14.79	184	71312	35.131	nq	# 84
55) Dibenzofuran	15.09	168	1030215	37.850	nq	98
56) 4-Nitrophenol	14.88	139	153416	39.627	nq	93
57) 2,4-Dinitrotoluene	15.04	165	237297	39.576	nq	96
58) Fluorene	15.74	166	844542	37.514	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	235156m	37.039	nq	
60) Diethylphthalate	15.51	149	945110	36.790	nq	97
61) 4-Chlorophenyl-phenylether	15.74	204	455881	37.319	nq	98
62) 4-Nitroaniline	15.74	138	222978	40.686	nq	94
63) Azobenzene	16.03	77	989179	36.795	nq	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	95009	35.683	nq	96
66) n-Nitrosodiphenylamine	15.94	169	753256	37.950	nq	98
67) 4-Bromophenyl-phenylether	16.63	248	307362	37.541	nq	99
68) Hexachlorobenzene	16.75	284	336086	38.016	nq	97
69) Atrazine	16.90	200	291517	38.004	nq	98
70) Pentachlorophenol	17.09	266	177098	35.303	nq	99
71) Phenanthrene	17.48	178	1351919	37.979	nq	99
72) Anthracene	17.57	178	1336038	38.107	nq	98
73) Carbazole	17.84	167	1279065	38.094	nq	99
74) Di-n-butylphthalate	18.41	149	1571097	37.152	nq	99
75) Fluoranthene	19.49	202	1604857	37.304	nq	97
77) Benzidine	19.66	184	738943	33.959	nq	97
78) Pyrene	19.85	202	1611636	38.762	nq	98
80) Butylbenzylphthalate	20.74	149	702464	37.852	nq	98
81) Benzo(a)anthracene	21.69	228	1539912	37.671	nq	98
82) 3,3'-Dichlorobenzidine	21.61	252	603639	37.088	nq	100
83) Chrysene	21.76	228	1470753	37.800	nq	99
84) Bis(2-ethylhexyl)phthalate	21.63	149	970525	37.501	nq	98
85) Di-n-octyl phthalate	22.86	149	1628513	36.643	nq	100
86) Indeno(1,2,3-cd)pyrene	28.60	276	1909133	37.152	nq	# 97
88) Benzo(b)fluoranthene	23.92	252	1678250	38.288	nq	# 98
89) Benzo(k)fluoranthene	23.99	252	1580730m	38.473	nq	
90) Benzo(a)pyrene	24.78	252	1556830	38.135	nq	# 98
91) Dibenzo(a,h)anthracene	28.68	278	1516075	37.243	nq	98
92) Benzo(g,h,i)perylene	29.74	276	1520580	37.291	nq	98

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



#1

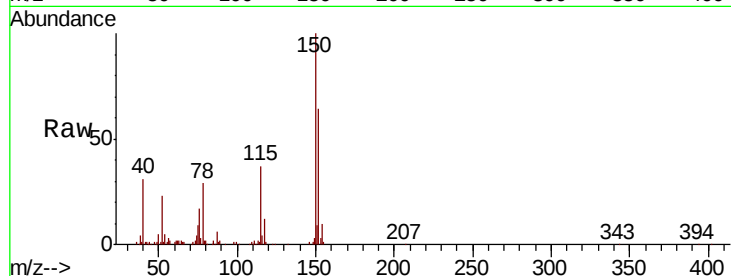
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG044701.D
Acq: 9 Mar 2020 13:24

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	118.6	177.8
115	57.8	43.6	65.4

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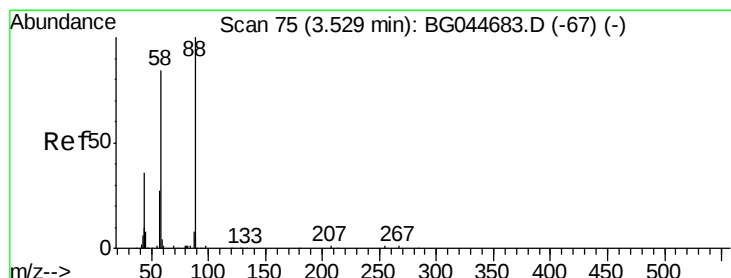
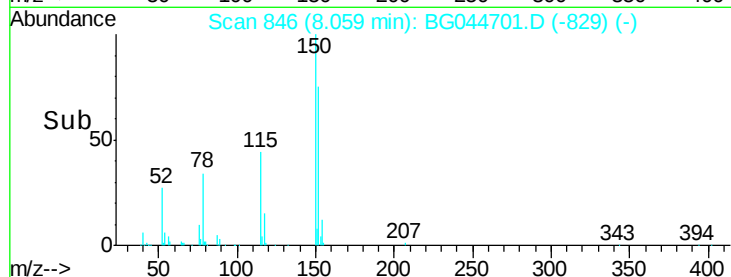
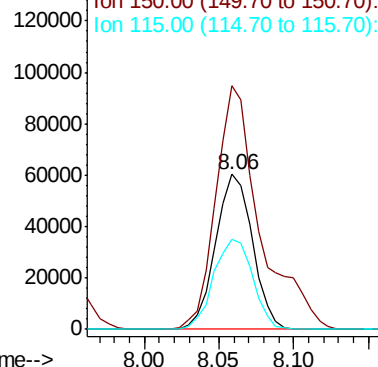


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

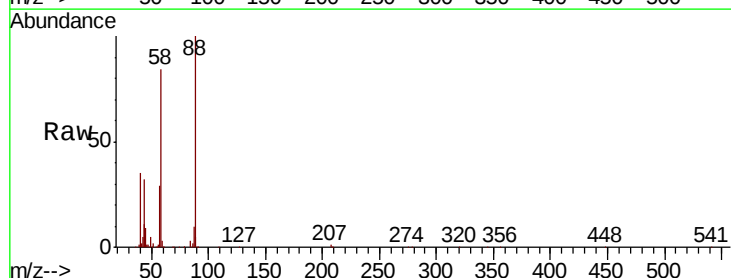
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.309 ng
RT: 3.53 min Scan# 75
Delta R.T. 0.00 min
Lab File: BG044701.D
Acq: 9 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.5	66.6	99.8
43	29.1	27.4	41.2

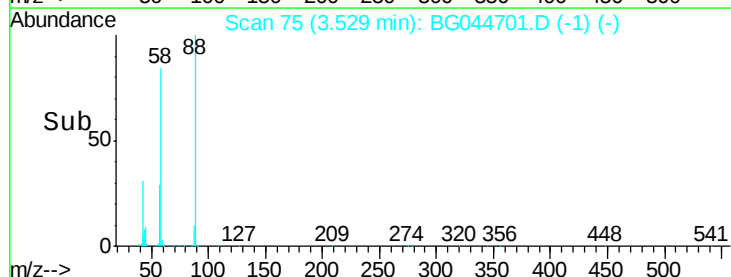
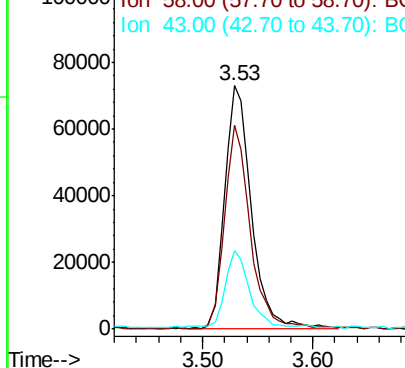


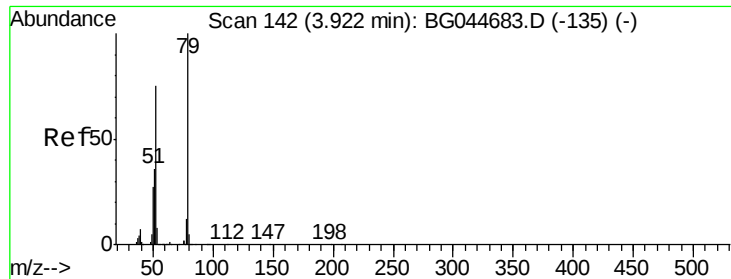
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 36.588 ng/ml

RT: 3.92 min Scan# 142

Delta R.T. 0.00 min

Lab File: BG044701.D

Acq: 9 Mar 2020 13:24

Instrument :

BNA_G

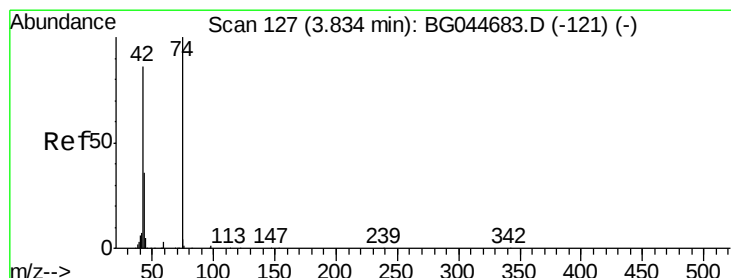
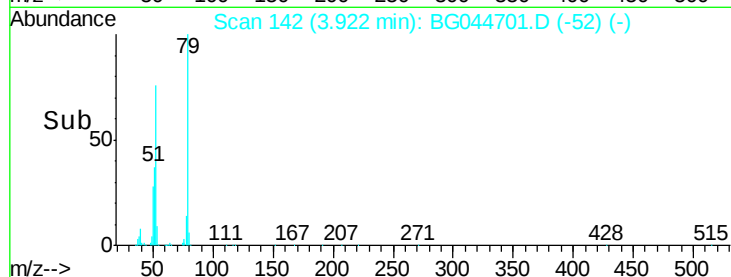
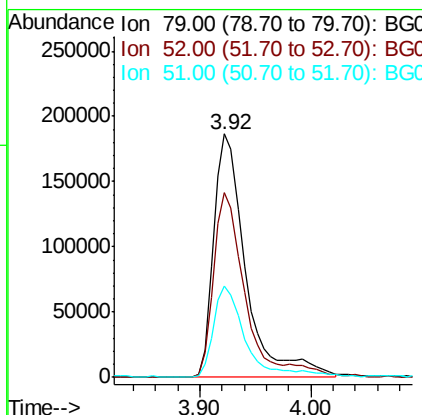
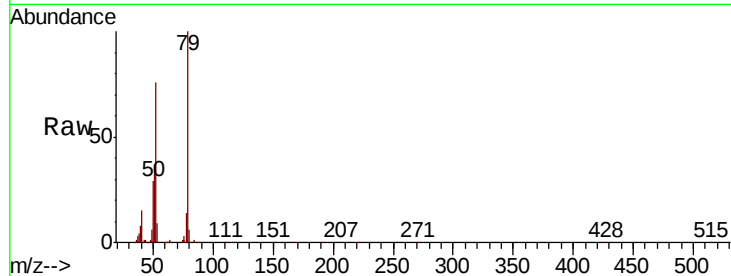
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	372604
Ion Ratio	Lower	Upper	
79	100		
52	75.7	59.9	89.9
51	37.5	29.3	43.9

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#4

n-Nitrosodimethylamine

Concen: 33.840 ng/ml

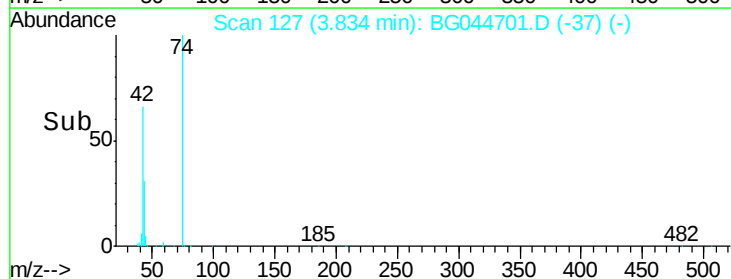
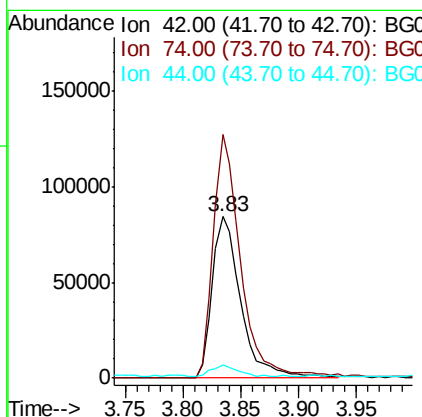
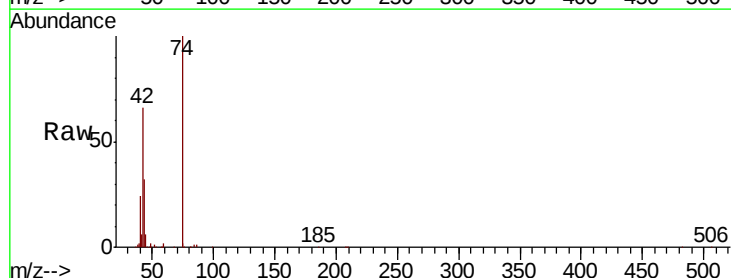
RT: 3.83 min Scan# 127

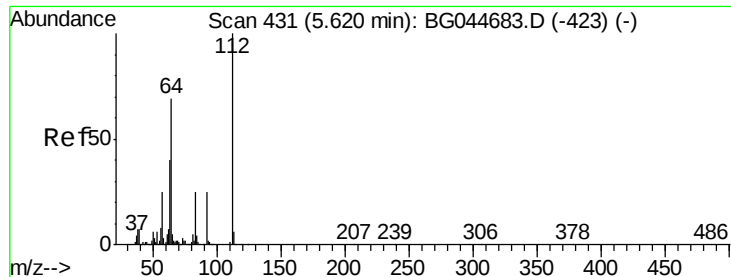
Delta R.T. 0.00 min

Lab File: BG044701.D

Acq: 9 Mar 2020 13:24

Tgt Ion:	42	Resp:	145775
Ion Ratio	Lower	Upper	
42	100		
74	151.1	93.4	140.2#
44	8.3	8.9	13.3#





#5

2-Fluorophenol

Concen: 74.873 ng

RT: 5.63 min Scan# 432

Delta R.T. 0.01 min

Lab File: BG044701.D

Acq: 9 Mar 2020 13:24

Instrument :

BNA_G

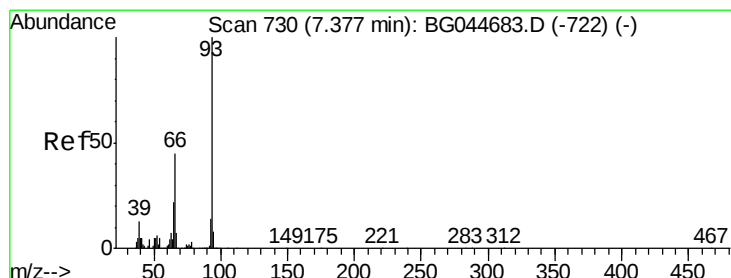
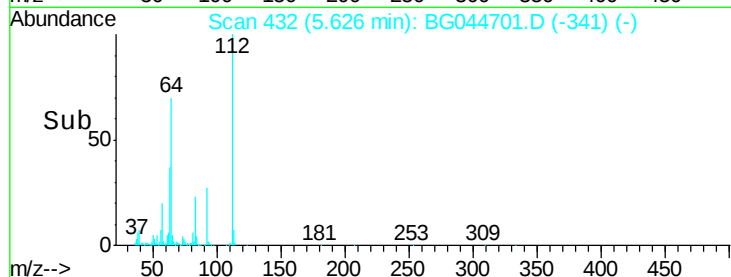
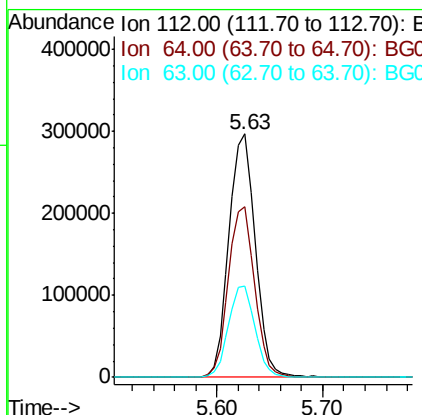
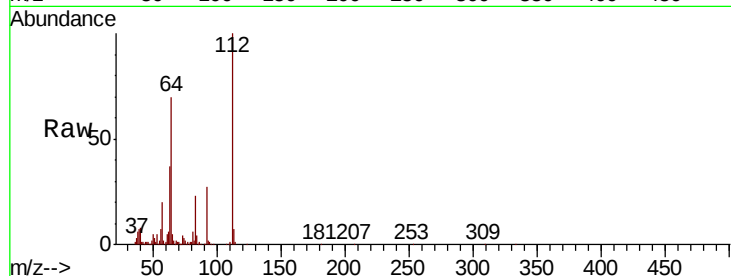
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	513054
Ion Ratio	Lower	Upper	
112	100		
64	70.3	55.4	83.0
63	37.3	32.1	48.1

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#6

Aniline

Concen: 36.419 ng

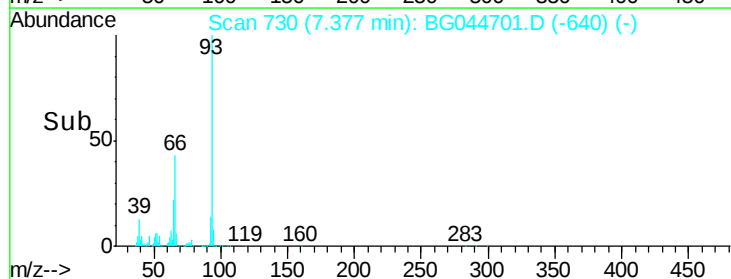
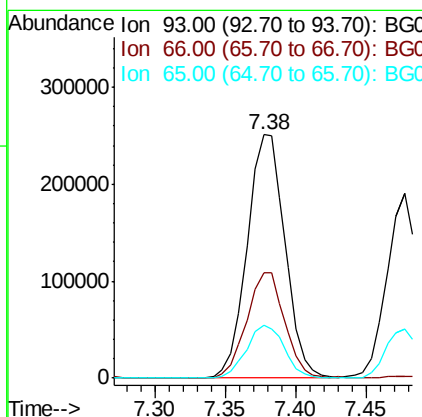
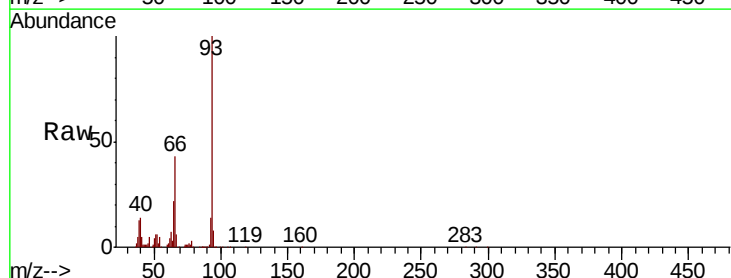
RT: 7.38 min Scan# 730

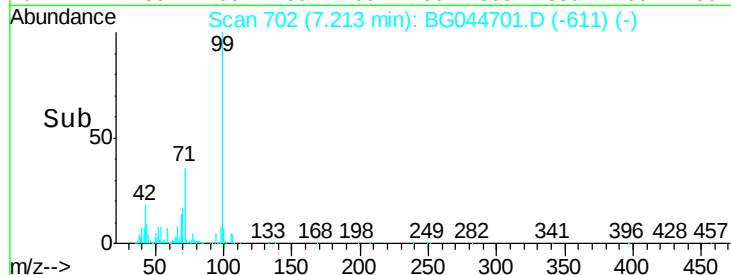
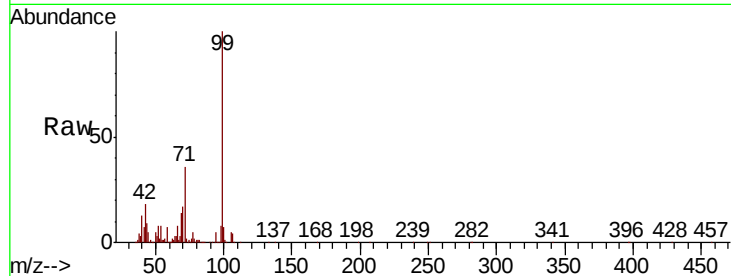
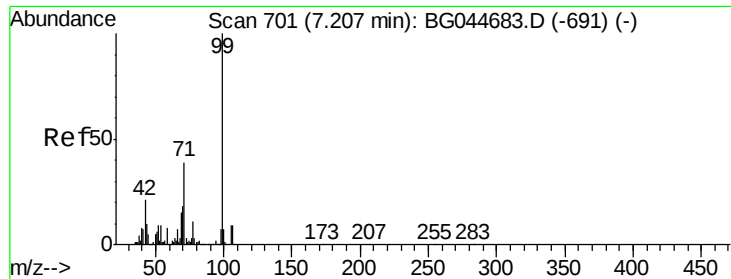
Delta R.T. 0.00 min

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Tgt Ion:	93	Resp:	472544
Ion Ratio	Lower	Upper	
93	100		
66	43.4	35.8	53.8
65	21.9	17.9	26.9





#7

Phenol-d6

Concen: 73.125 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG044701.D

Acq: 9 Mar 2020 13:24

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		757399		
42	17.8	16.5	24.7		
71	36.4	30.9	46.3		

Instrument :

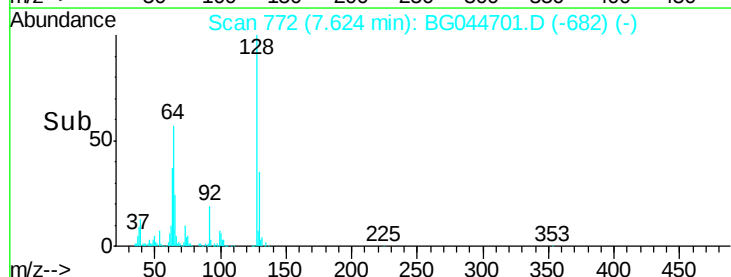
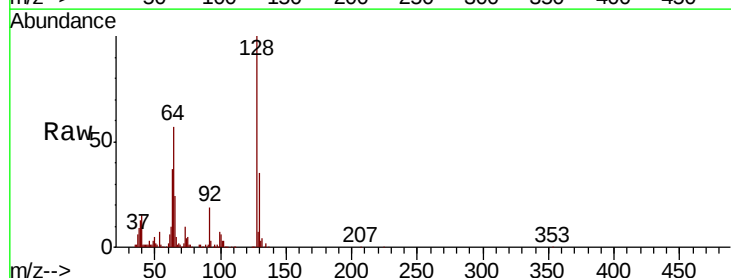
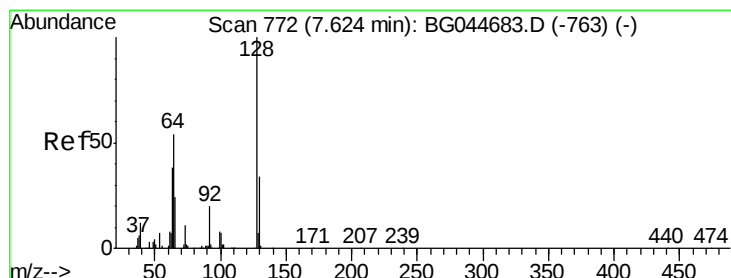
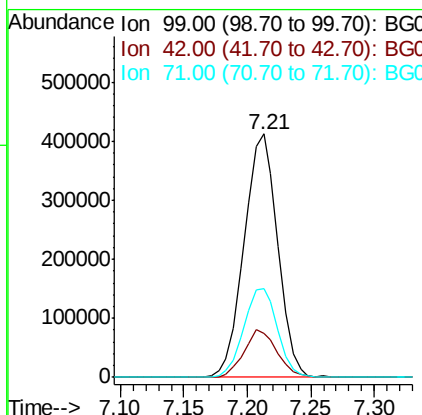
BNA_G

ClientSampleId :

SSTDCCC040

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#8

2-Chlorophenol

Concen: 37.552 ng

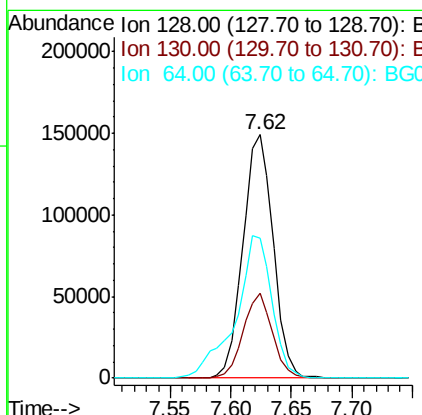
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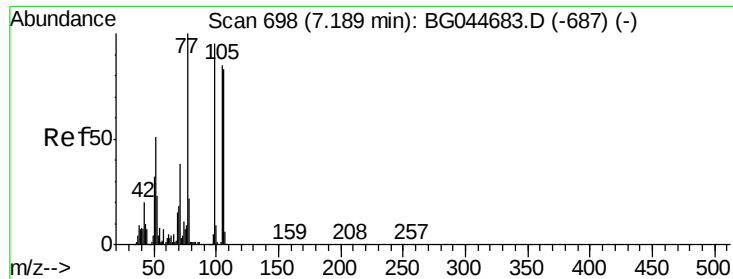
Delta R.T. 0.00 min

Lab File: BG044701.D

Acq: 9 Mar 2020 13:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		260793		
130	34.7	14.0	54.0		
64	57.3	37.6	77.6		





#9

Benzaldehyde

Concen: 33.109 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG044701.D

Acq: 9 Mar 2020 13:24

Instrument :

BNA_G

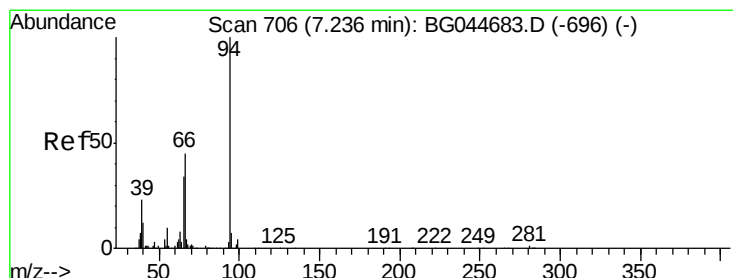
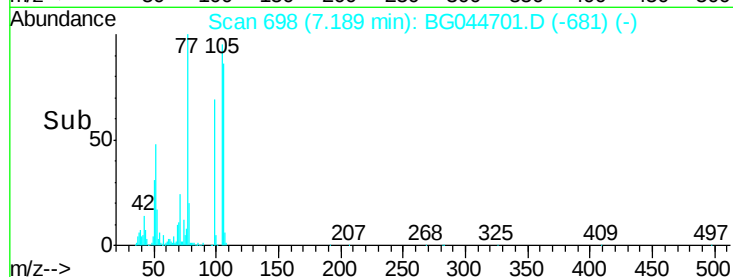
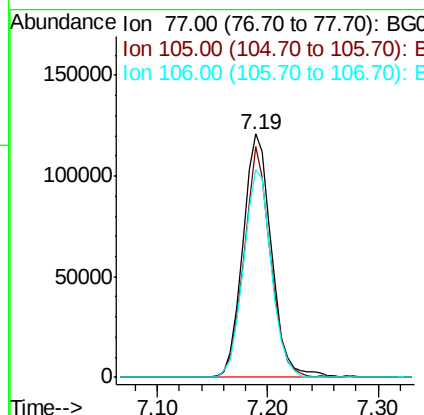
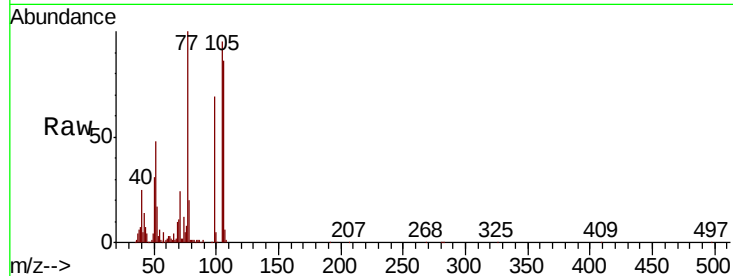
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	220116
Ion	Ratio	Lower	Upper
77	100		
105	94.6	65.1	105.1
106	85.6	63.1	103.1

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#10

Phenol

Concen: 37.775 ng

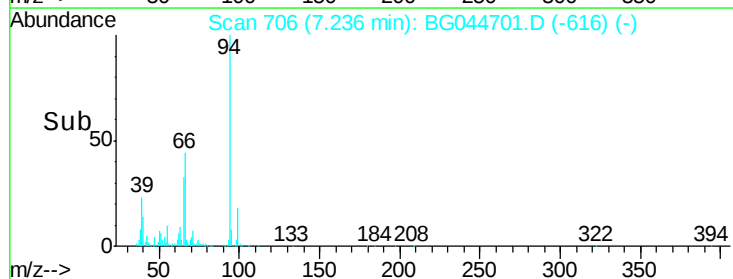
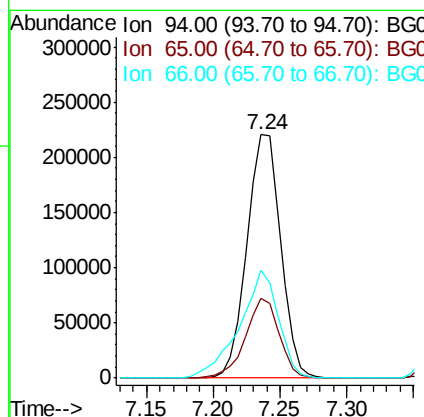
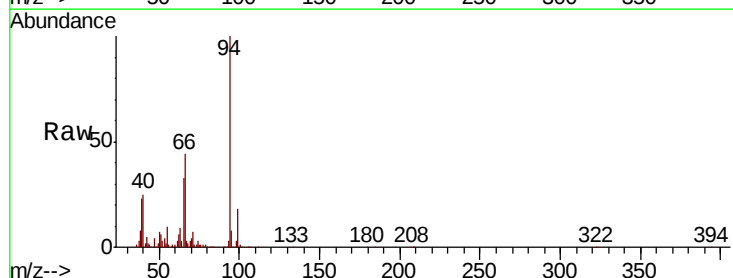
RT: 7.24 min Scan# 706

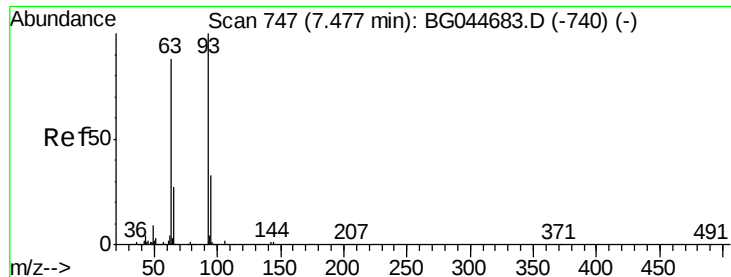
Delta R.T. 0.00 min

Lab File: BG044701.D

Acq: 9 Mar 2020 13:24

Tgt Ion:	94	Resp:	385423
Ion	Ratio	Lower	Upper
94	100		
65	32.5	13.5	53.5
66	44.1	25.8	65.8





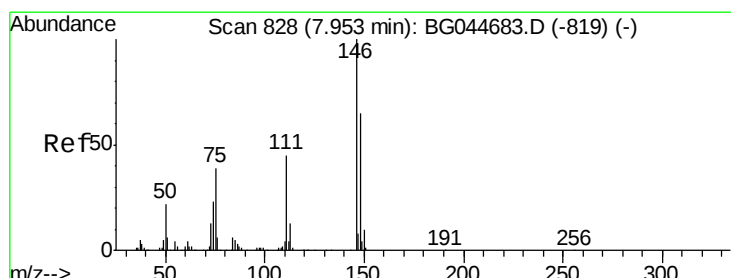
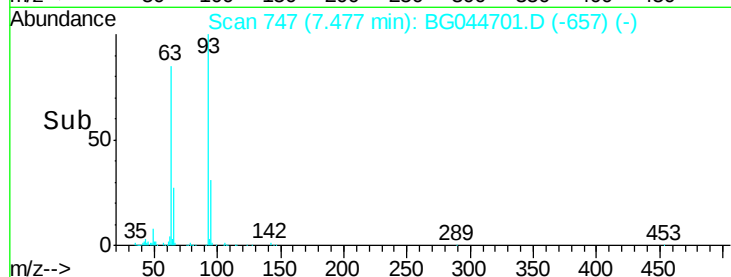
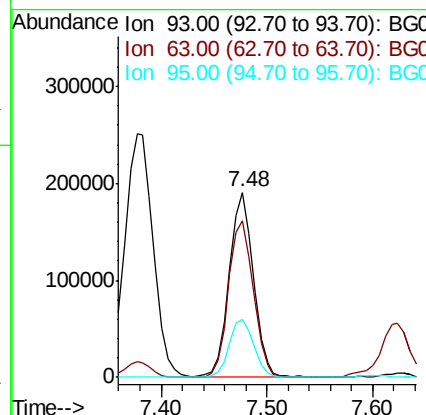
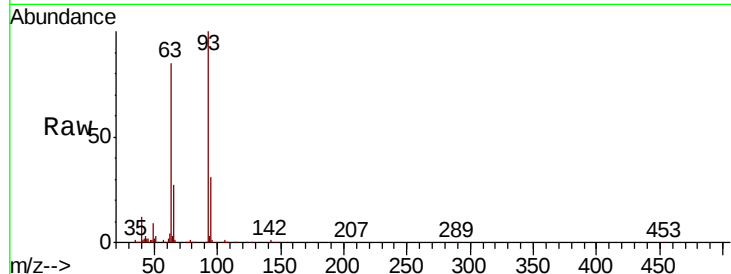
#11
bis(2-Chloroethyl)ether
Concen: 38.668 ng
RT: 7.48 min Scan# 747
Delta R.T. 0.00 min
Lab File: BG044701.D
Acq: 9 Mar 2020 13:24

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.0	67.8	107.8
95	31.4	13.0	53.0

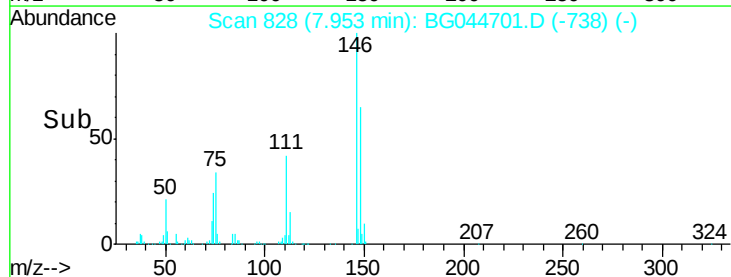
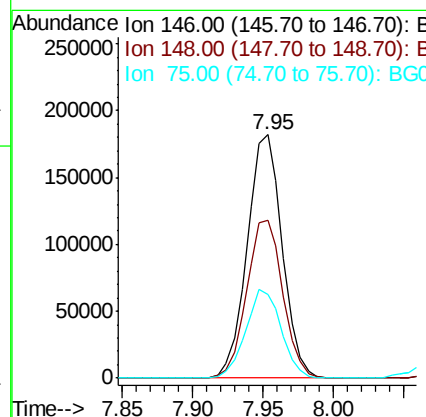
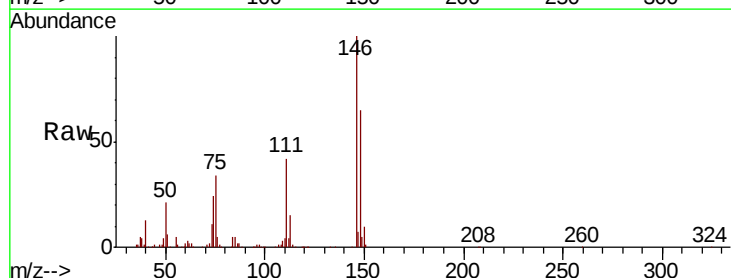
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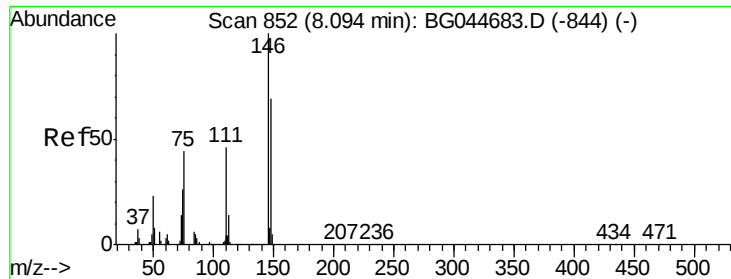
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.290 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG044701.D
Acq: 9 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.9	77.9
75	34.2	31.0	46.6





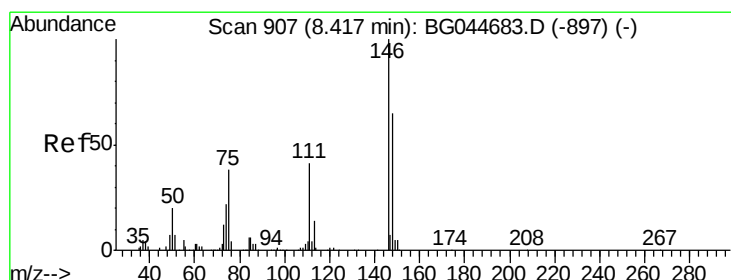
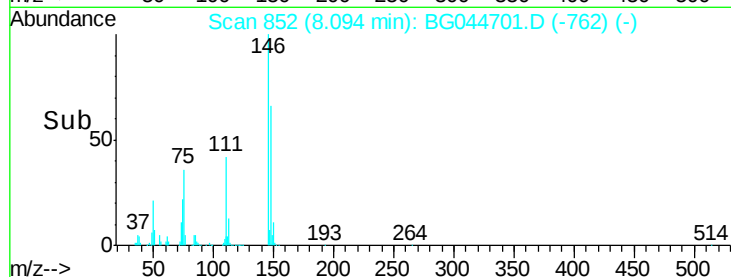
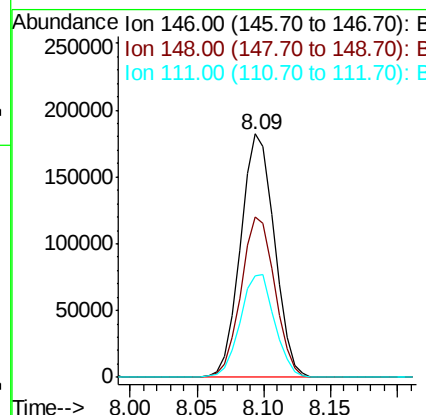
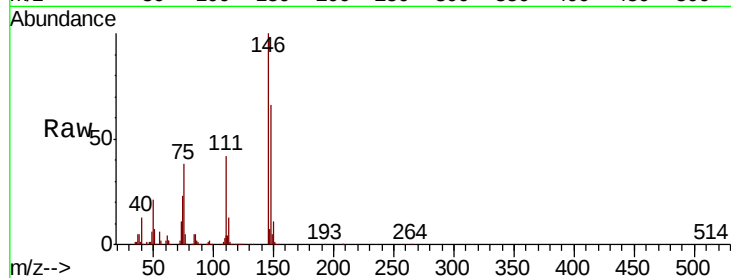
#13
 1,4-Dichlorobenzene
 Concen: 38.669 ng
 RT: 8.09 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BG044701.D
 Acq: 9 Mar 2020 13:24

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.8	55.0	82.4
111	41.9	37.2	55.8

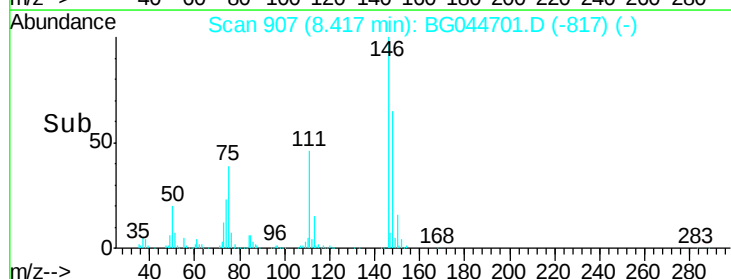
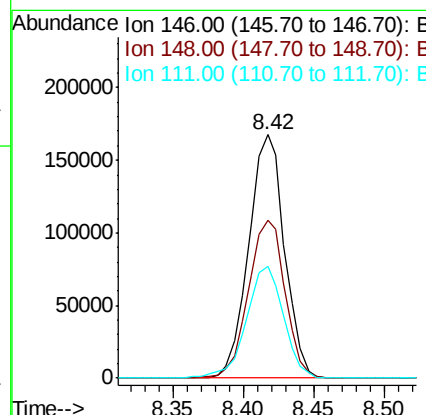
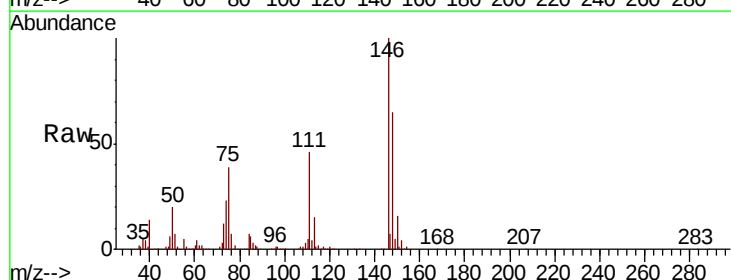
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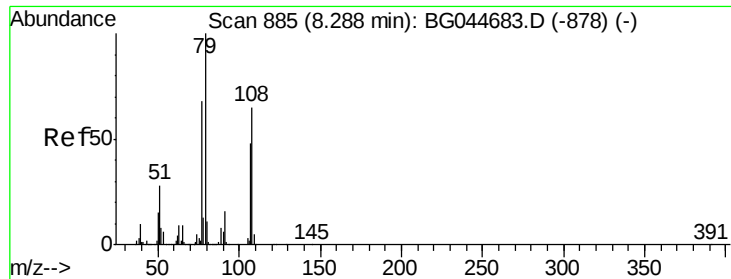
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 38.192 ng
 RT: 8.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BG044701.D
 Acq: 9 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.8	77.8
111	46.0	33.4	50.0





#15

Benzyl Alcohol

Concen: 35.894 ng

RT: 8.29 min Scan# 886

Delta R.T. 0.01 min

Lab File: BG044701.D

Acq: 9 Mar 2020 13:24

Instrument :

BNA_G

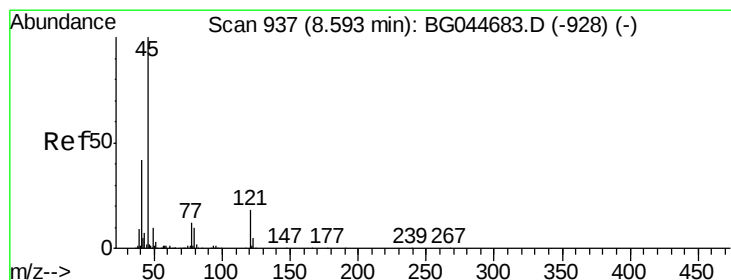
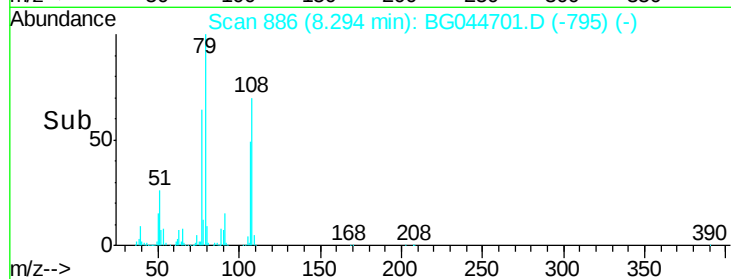
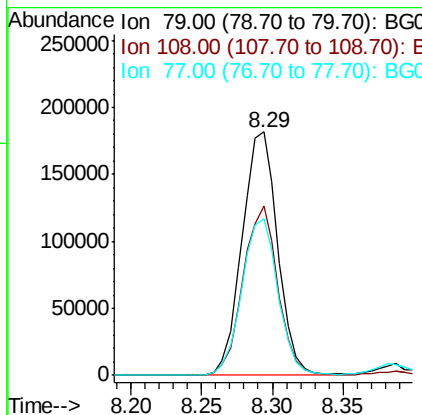
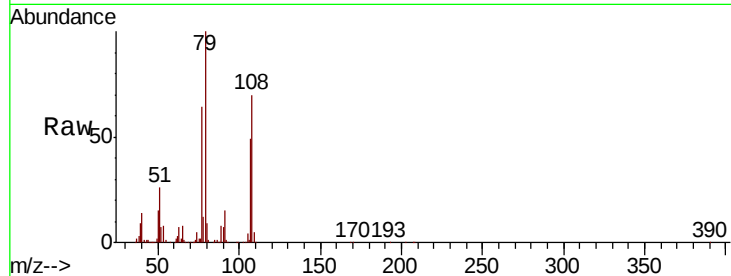
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	320726
Ion	Ratio	Lower	Upper
79	100		
108	69.7	52.2	78.4
77	64.4	54.2	81.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.201 ng

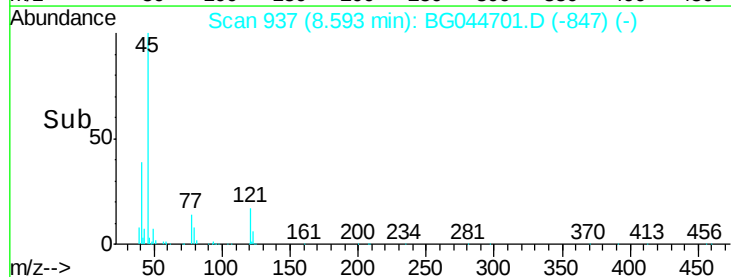
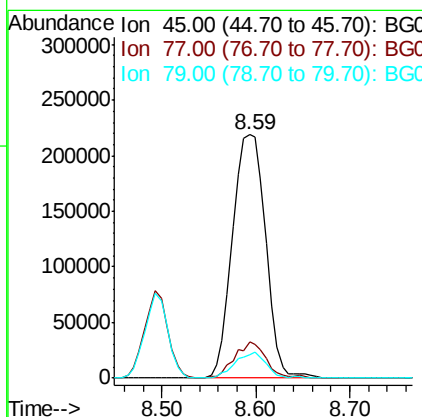
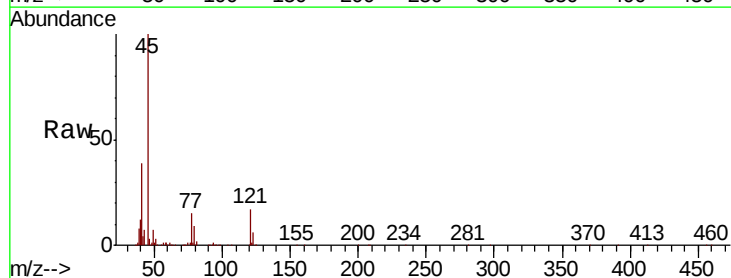
RT: 8.59 min Scan# 937

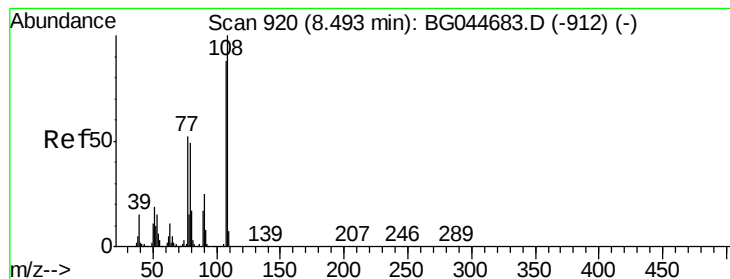
Delta R.T. 0.00 min

Lab File: BG044701.D

Acq: 9 Mar 2020 13:24

Tgt Ion:	45	Resp:	536190
Ion	Ratio	Lower	Upper
45	100		
77	15.1	0.0	32.1
79	9.5	0.0	29.9





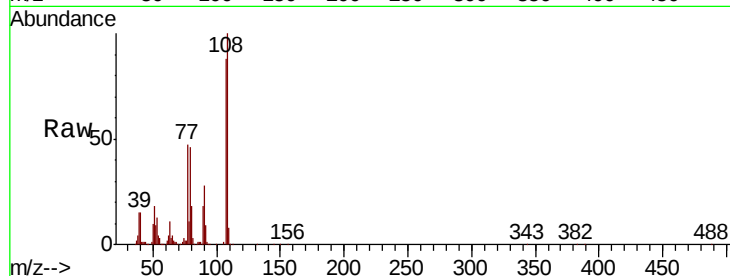
#17
2-Methylphenol
Concen: 36.824 ng
RT: 8.49 min Scan# 920
Delta R.T. 0.00 min
Lab File: BG044701.D
Acq: 9 Mar 2020 13:24

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.3	90.5	135.7	
77	53.5	47.3	70.9	
79	52.1	44.6	67.0	

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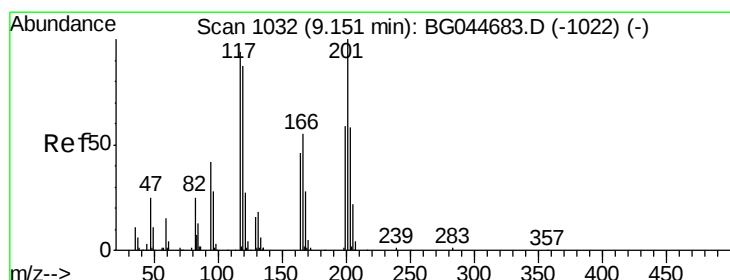
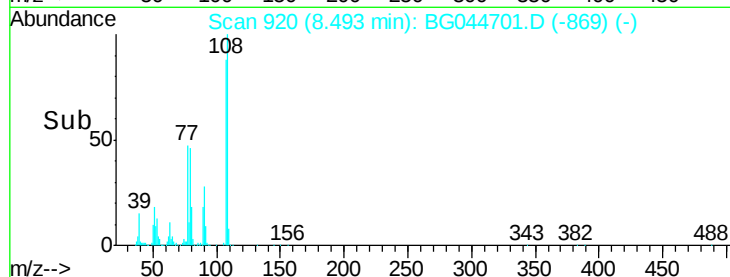
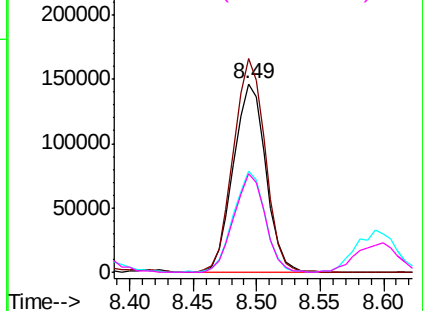
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

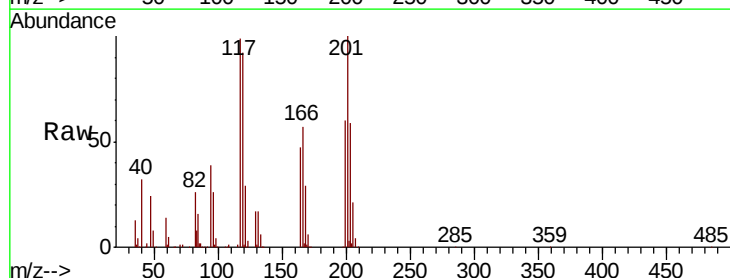
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 37.171 ng
RT: 9.15 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BG044701.D
Acq: 9 Mar 2020 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.3	74.5	111.7	
201	100.7	85.5	128.3	

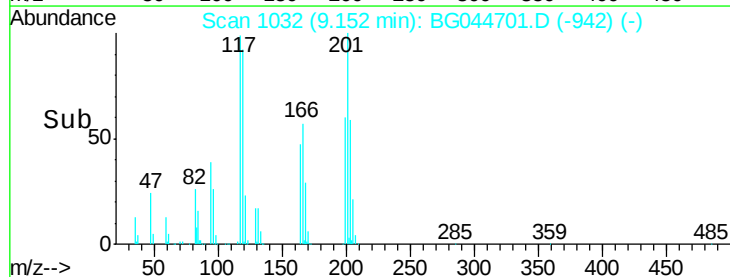
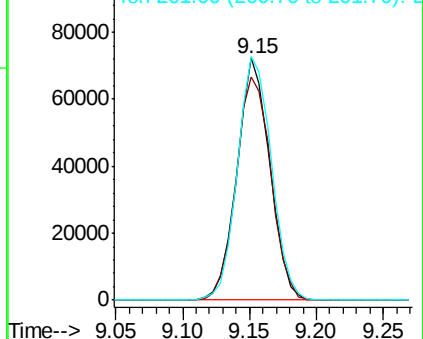


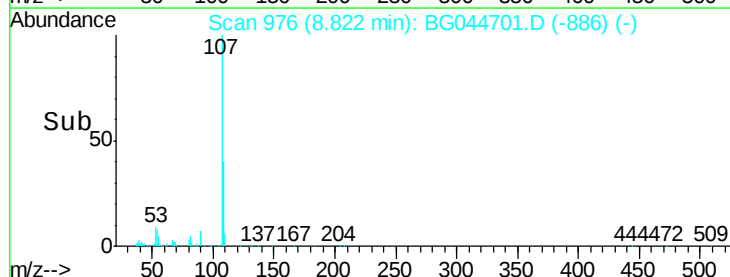
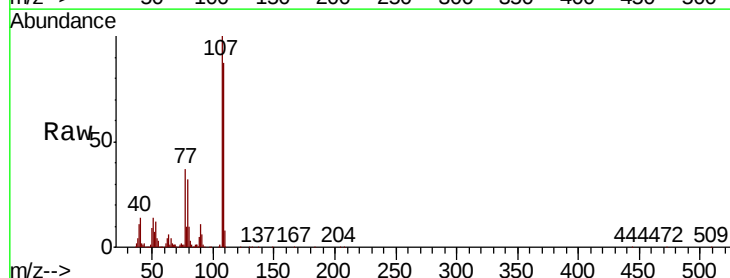
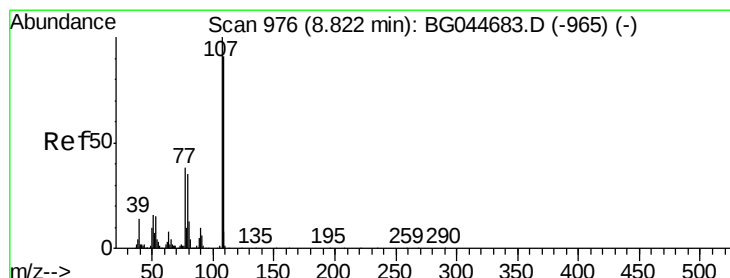
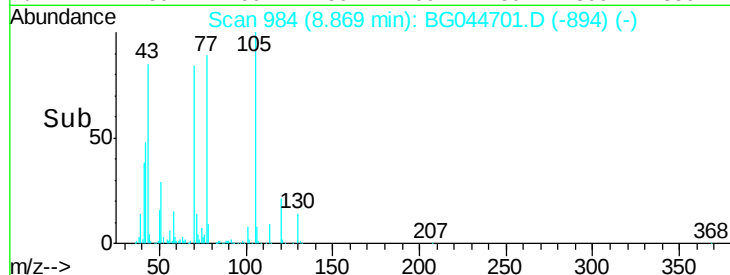
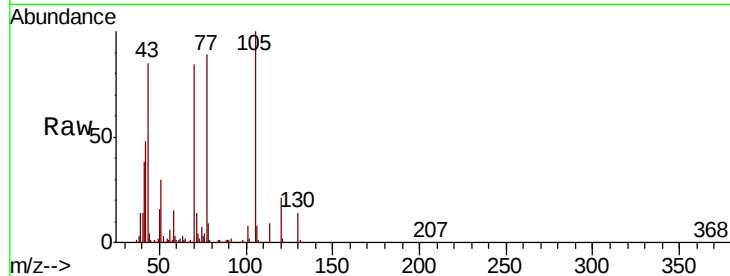
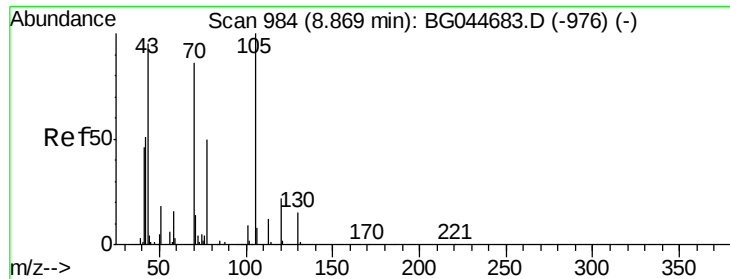
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 36.390 ng

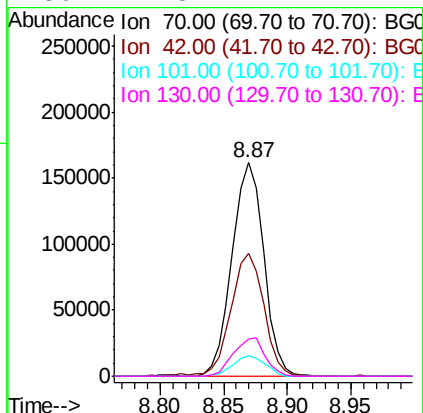
RT: 8.87 min Scan# 984

Delta R.T. 0.00 min

Lab File: BG044701.D

Acq: 9 Mar 2020 13:24

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.3	48.9	73.3	
101	9.5	8.0	12.0	
130	17.3	14.1	21.1	



Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

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#20

3+4-Methylphenols

Concen: 37.027 ng

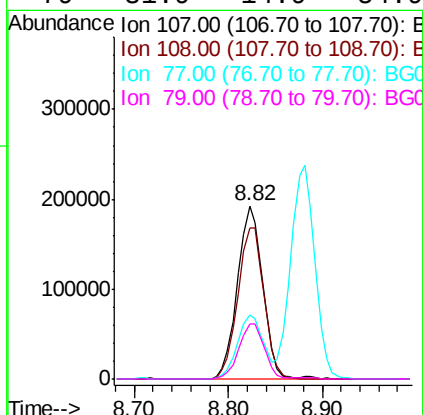
RT: 8.82 min Scan# 976

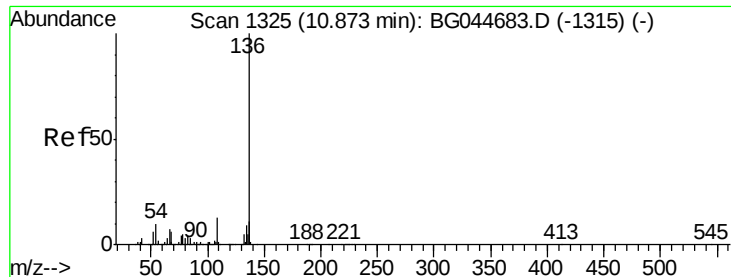
Delta R.T. 0.00 min

Lab File: BG044701.D

Acq: 9 Mar 2020 13:24

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.3	70.8	110.8	
77	36.9	17.8	57.8	
79	31.9	14.9	54.9	





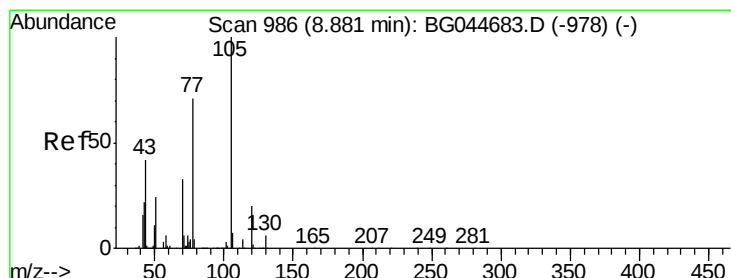
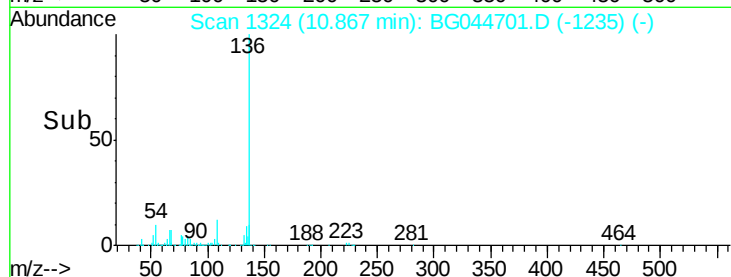
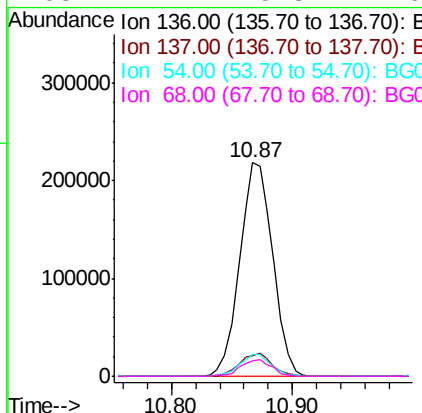
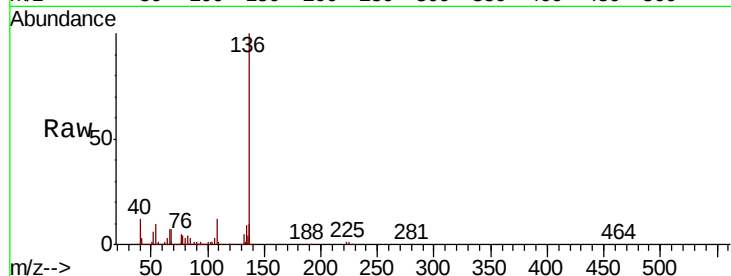
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG044701.D
Acq: 9 Mar 2020 13:24

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	413508		
137	9.7	8.6	12.8	
54	9.9	8.2	12.4	
68	7.2	5.3	7.9	

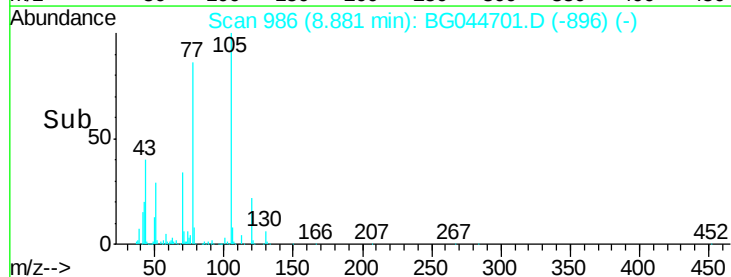
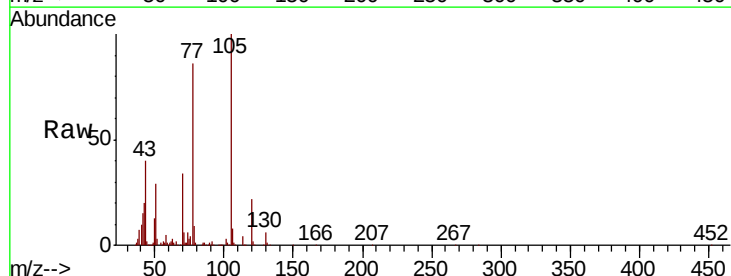
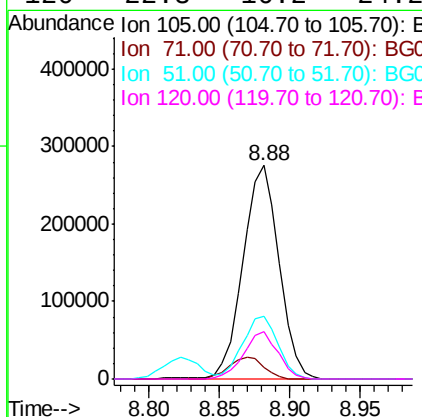
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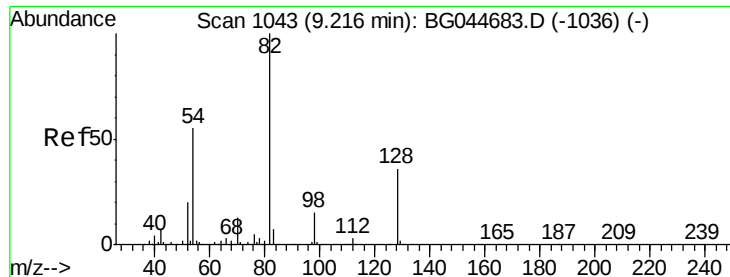
mohammad
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#22
Acetophenone
Concen: 40.539 ng
RT: 8.88 min Scan# 986
Delta R.T. 0.00 min
Lab File: BG044701.D
Acq: 9 Mar 2020 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	489366		
71	5.7	4.8	7.2	
51	29.4	24.0	36.0	
120	22.3	16.2	24.2	





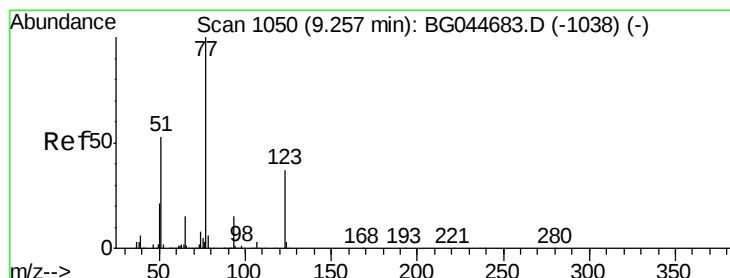
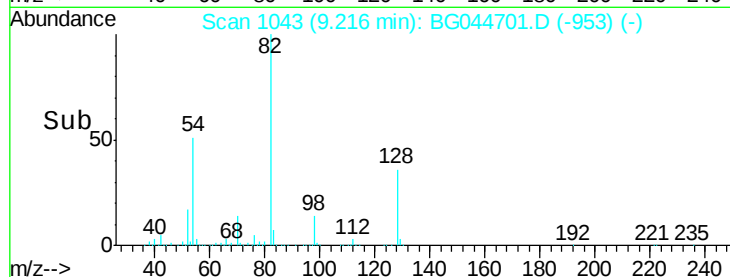
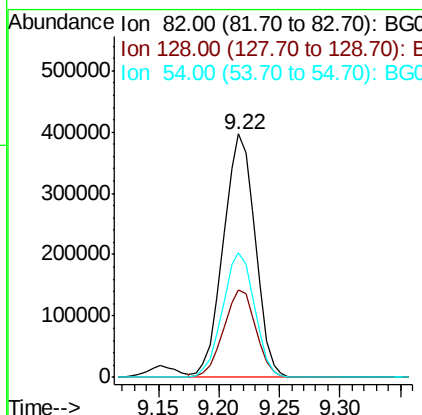
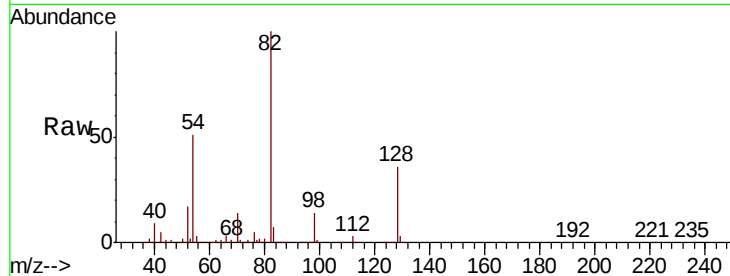
#23
 Nitrobenzene-d5
 Concen: 79.839 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BG044701.D
 Acq: 9 Mar 2020 13:24

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.1	28.5	42.7
54	51.1	43.6	65.4

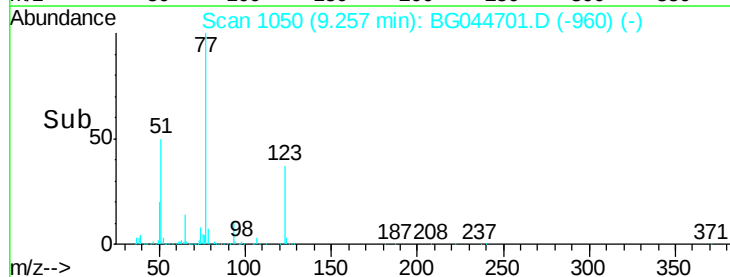
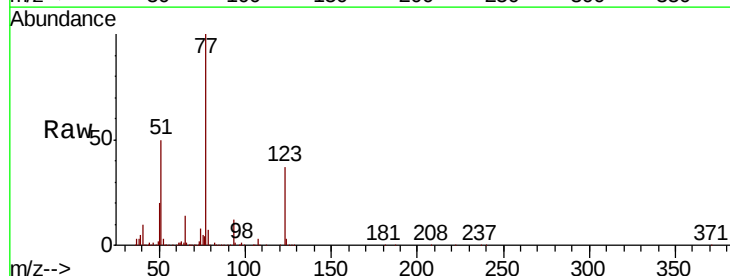
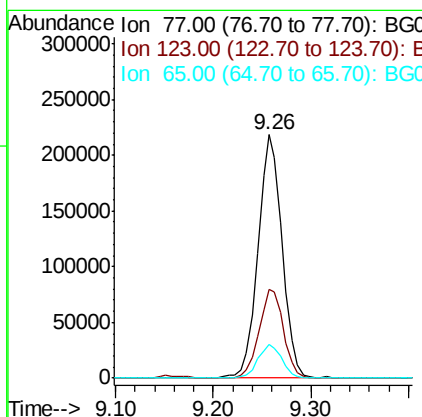
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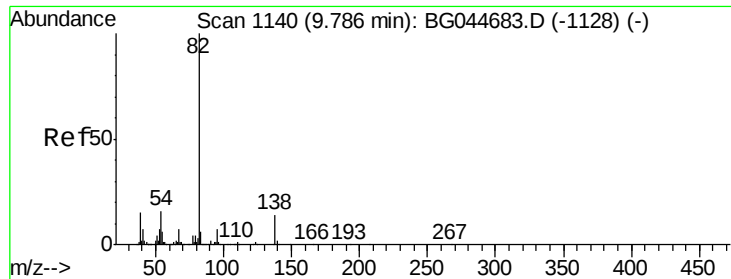
mohammad
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#24
 Nitrobenzene
 Concen: 39.341 ng
 RT: 9.26 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BG044701.D
 Acq: 9 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.6	29.7	44.5
65	14.0	11.7	17.5





#25

Isophorone

Concen: 36.592 ng

RT: 9.79 min Scan# 1141

Delta R.T. 0.01 min

Lab File: BG044701.D

Acq: 9 Mar 2020 13:24

Instrument :

BNA_G

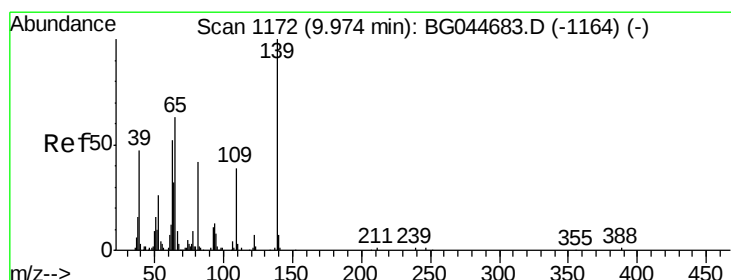
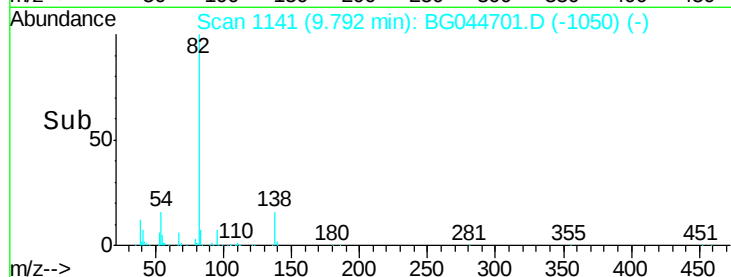
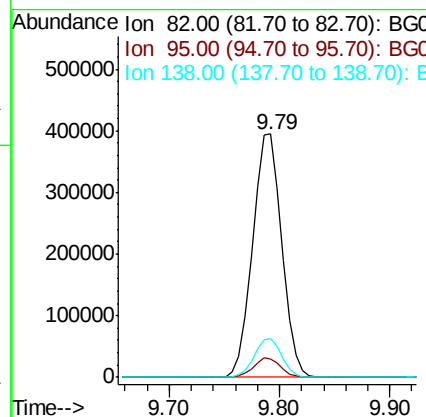
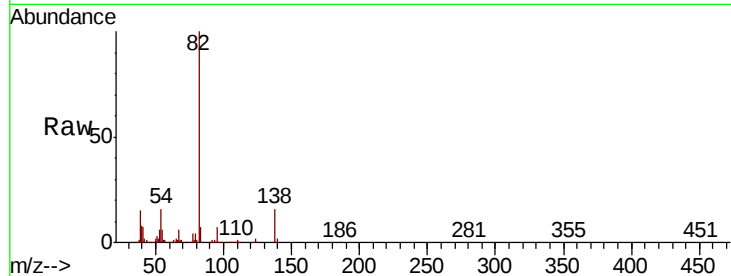
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	732868
Ion Ratio	Lower	Upper	
82	100		
95	7.3	6.0	9.0
138	16.1	11.2	16.8

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#26

2-Nitrophenol

Concen: 35.877 ng

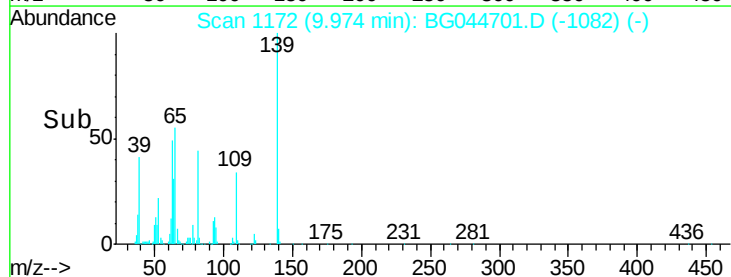
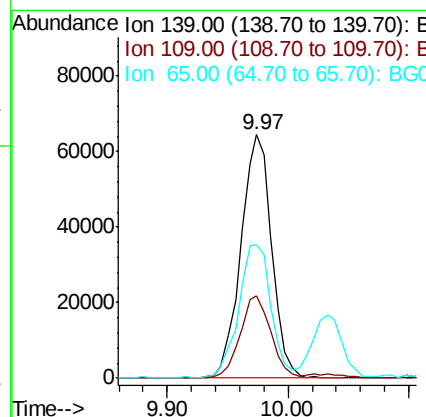
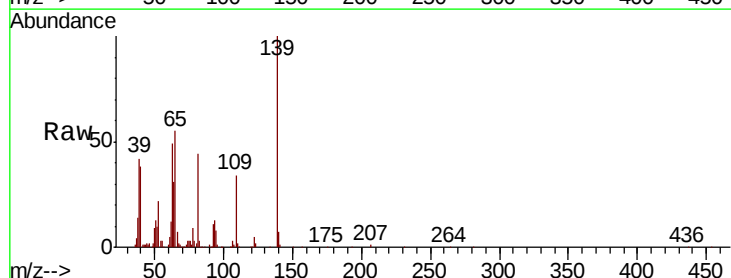
RT: 9.97 min Scan# 1172

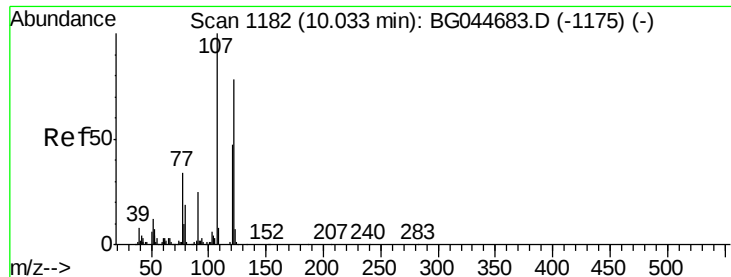
Delta R.T. 0.00 min

Lab File: BG044701.D

Acq: 9 Mar 2020 13:24

Tgt Ion:	139	Resp:	114209
Ion Ratio	Lower	Upper	
139	100		
109	34.0	31.1	46.7
65	55.0	50.2	75.4





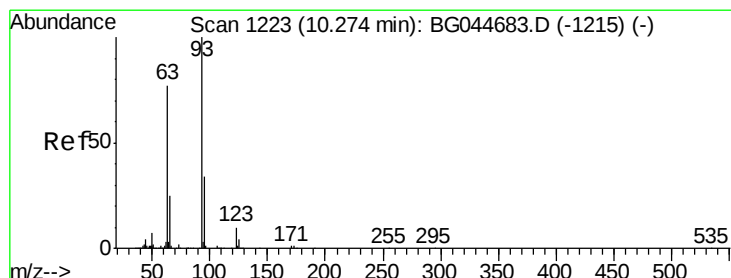
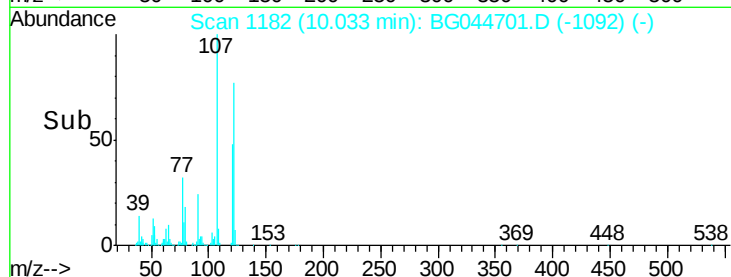
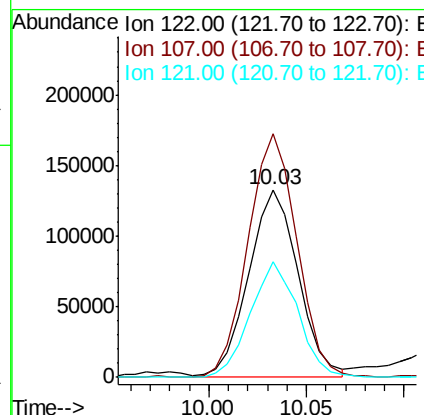
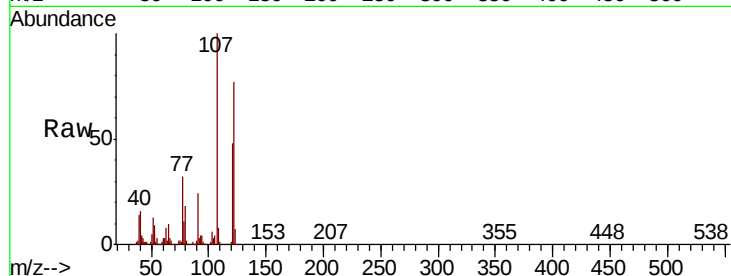
#27
2,4-Dimethylphenol
Concen: 36.843 ng
RT: 10.03 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BG044701.D
Acq: 9 Mar 2020 13:24

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	129.8	101.7	152.5
121	61.7	47.5	71.3

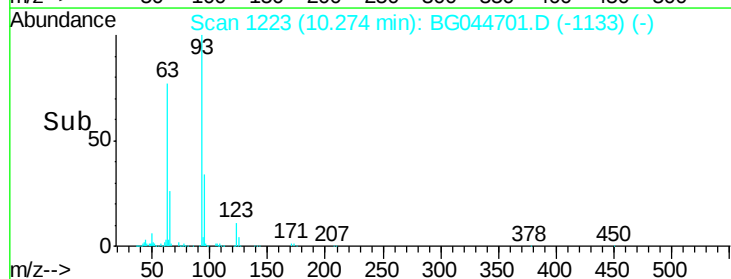
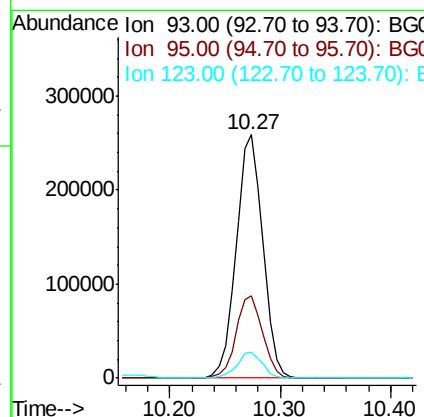
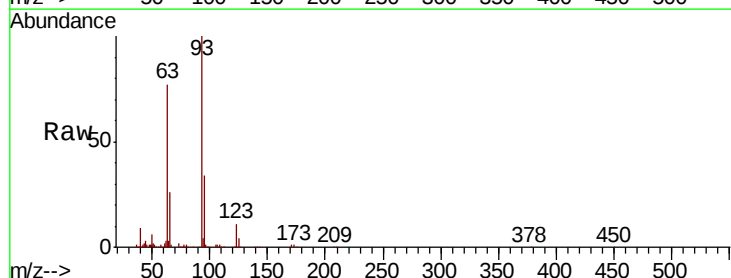
Manual Integrations
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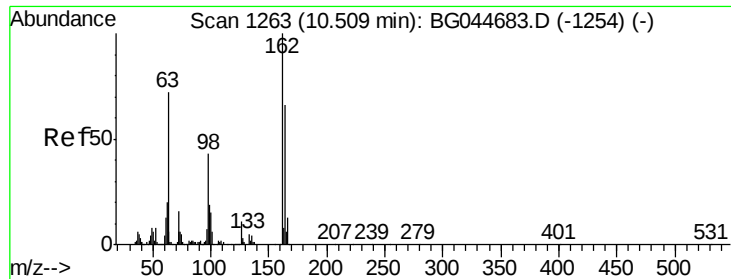
mohammad
3/10/2020 2:43:43 PM



#28
bis(2-Chloroethoxy)methane
Concen: 38.718 ng
RT: 10.27 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BG044701.D
Acq: 9 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.9	27.0	40.6
123	10.7	8.3	12.5





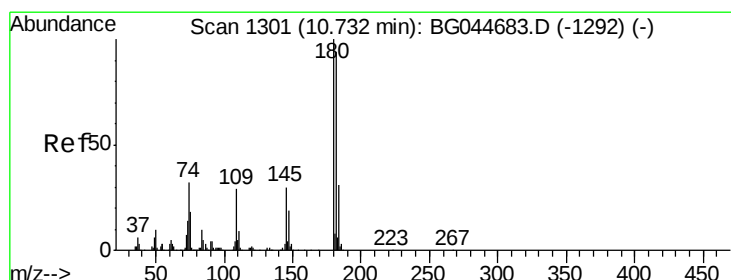
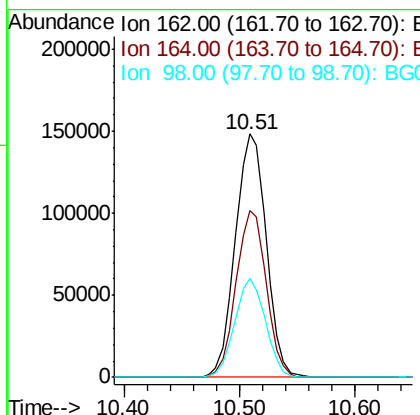
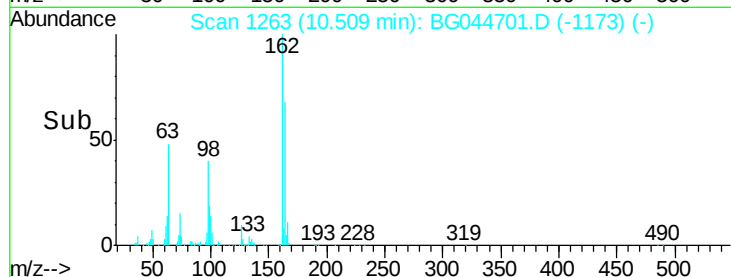
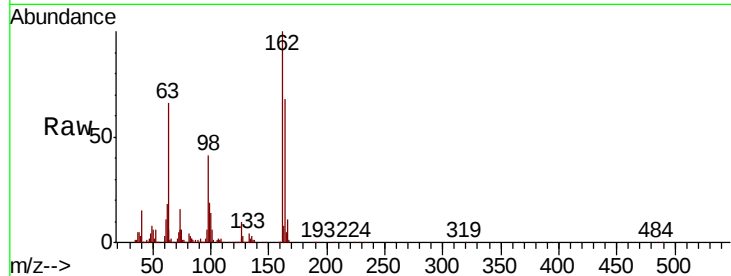
#29
 2,4-Dichlorophenol
 Concen: 38.547 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BG044701.D
 Acq: 9 Mar 2020 13:24

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	68.3	46.1	86.1
98	40.6	22.8	62.8

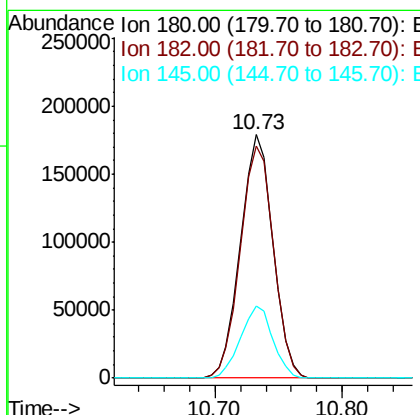
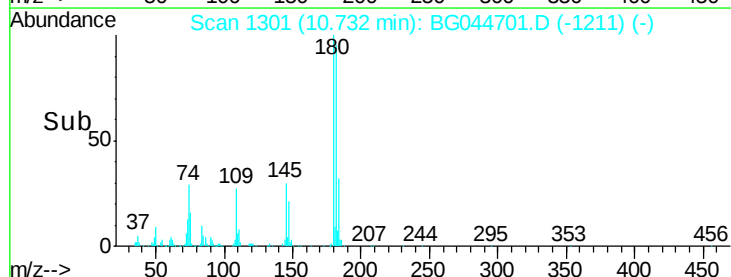
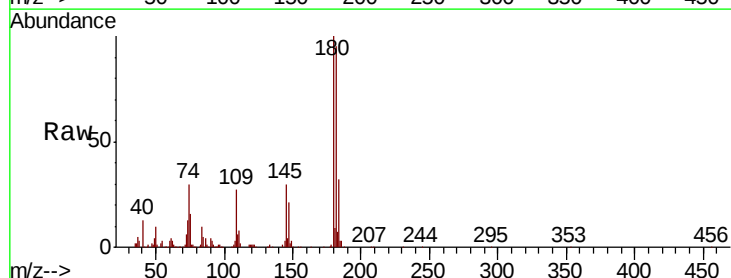
Manual Integrations
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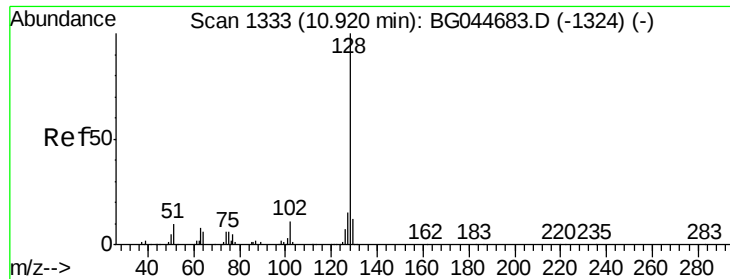
mohammad
 3/10/2020 2:43:43 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.483 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BG044701.D
 Acq: 9 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.1	112.7
145	29.6	23.8	35.8





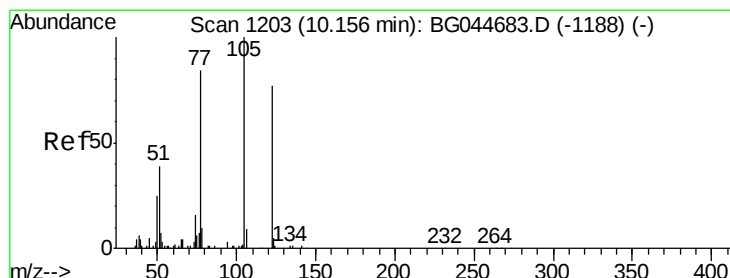
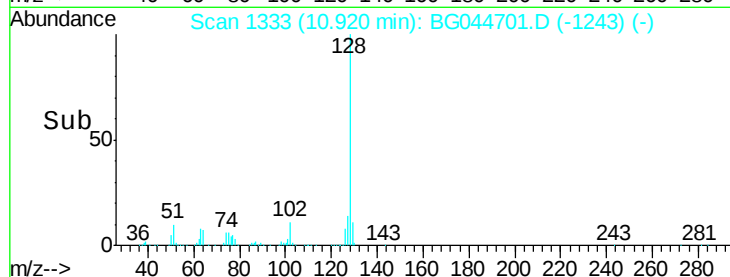
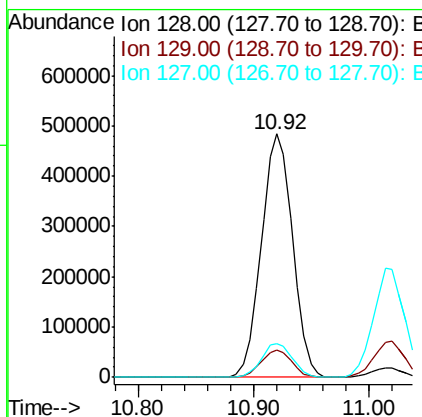
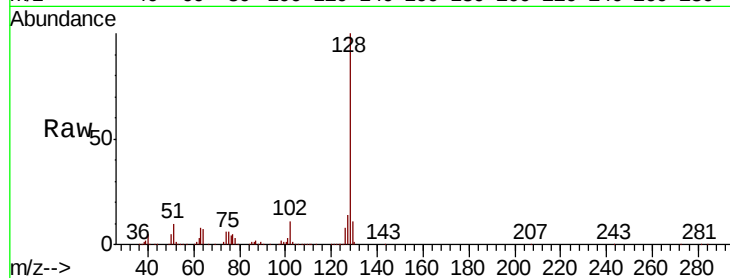
#31
Naphthalene
Concen: 39.154 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG044701.D
Acq: 9 Mar 2020 13:24

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.7	14.5
127	13.9	11.6	17.4

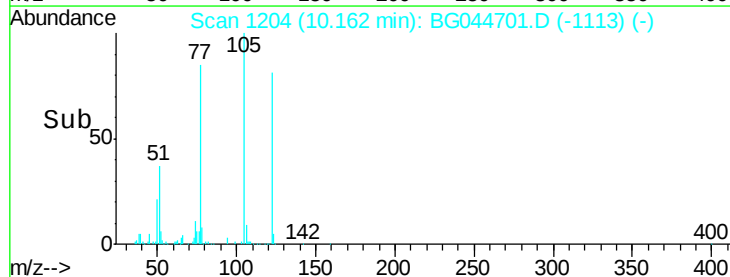
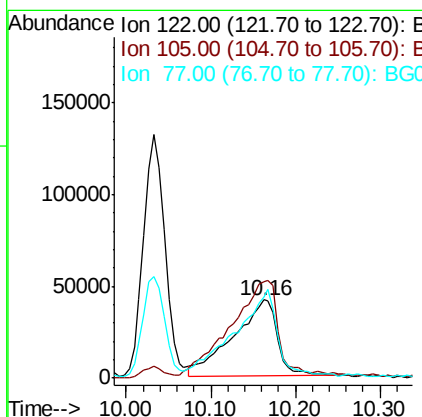
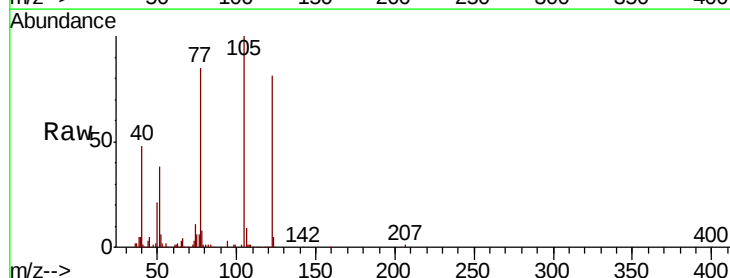
Manual Integrations
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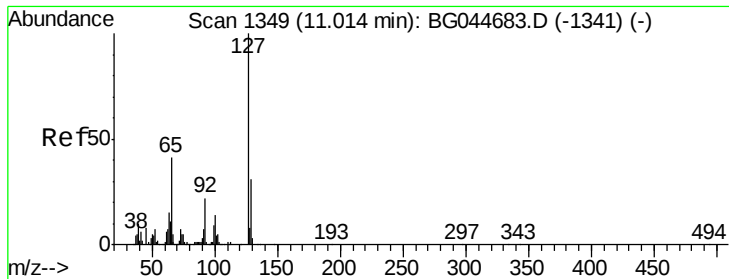
mohammad
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#32
Benzoic acid
Concen: 33.779 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BG044701.D
Acq: 9 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.7	105.1	145.1
77	104.6	87.7	127.7





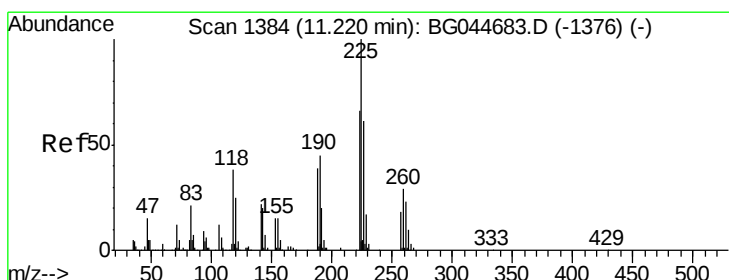
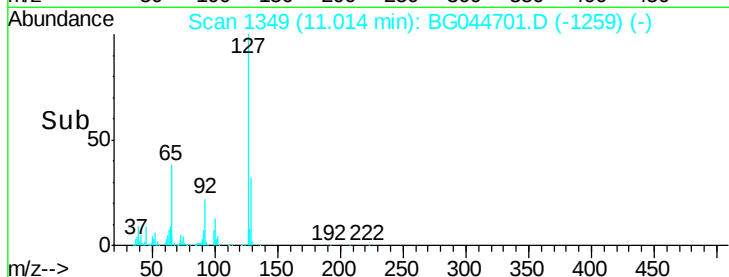
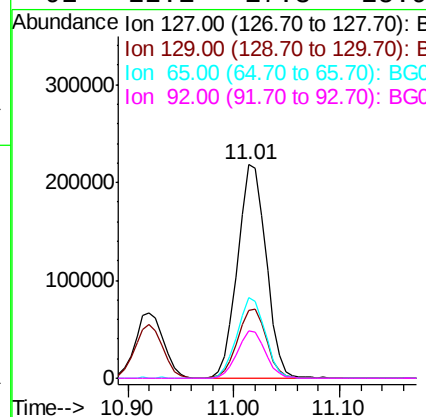
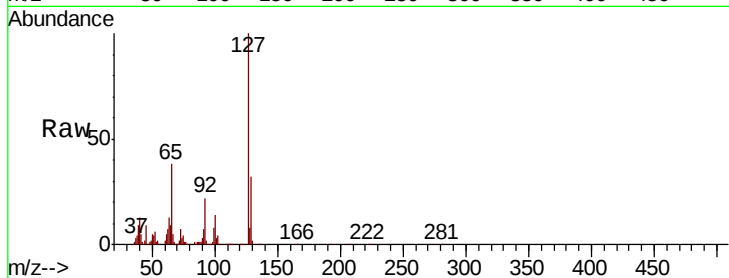
#33
4-Chloroaniline
Concen: 38.085 ng
RT: 11.01 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BG044701.D
Acq: 9 Mar 2020 13:24

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		407068		
129	31.8	25.0	37.4		
65	37.7	32.7	49.1		
92	22.1	17.3	25.9		

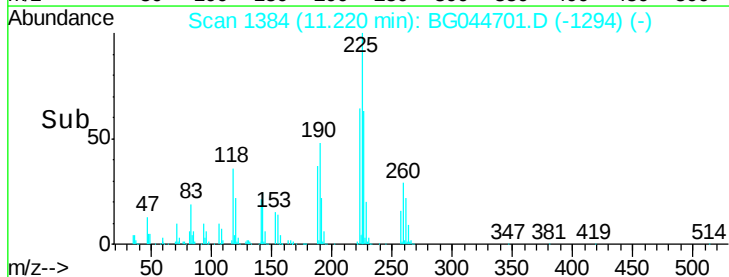
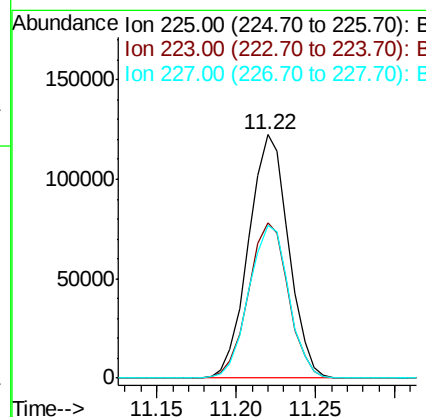
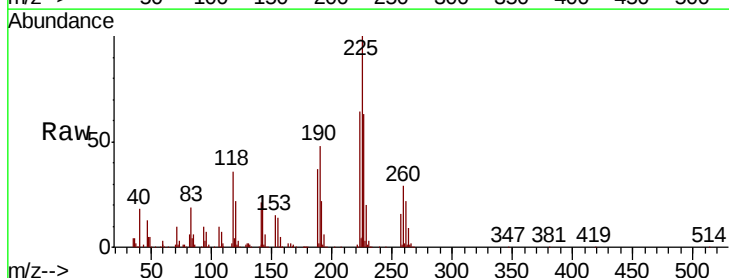
Manual Integrations
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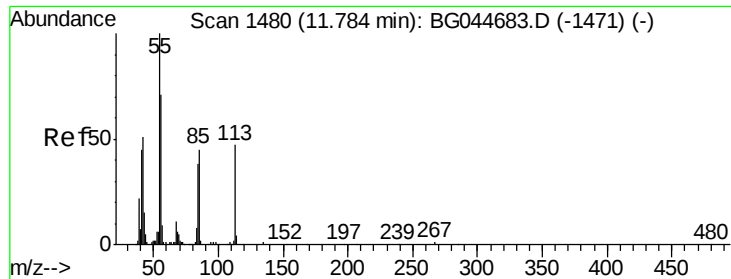
mohammad
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#34
Hexachlorobutadiene
Concen: 37.781 ng
RT: 11.22 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BG044701.D
Acq: 9 Mar 2020 13:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		214371		
223	63.8	52.4	78.6		
227	62.9	48.7	73.1		





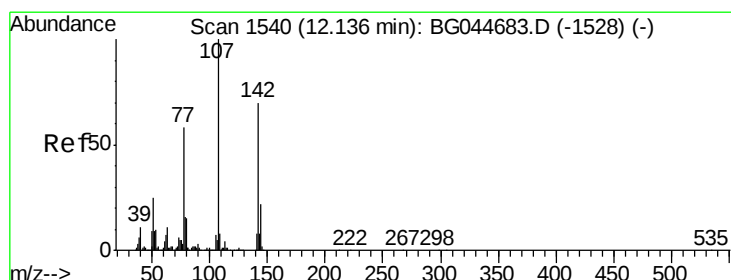
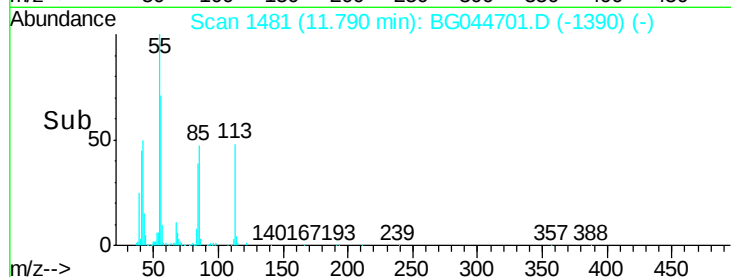
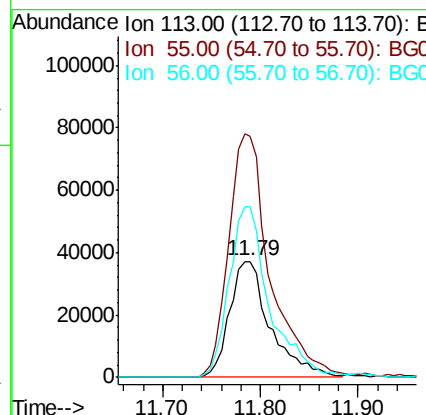
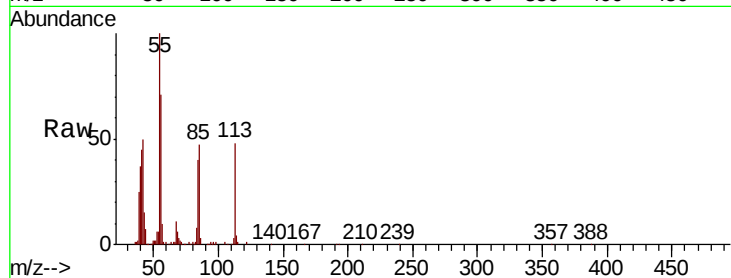
#35
Caprolactam
Concen: 36.198 ng
RT: 11.79 min Scan# 1481
Delta R.T. 0.01 min
Lab File: BG044701.D
Acq: 9 Mar 2020 13:24

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	207.1	194.3	234.3
56	147.0	131.4	171.4

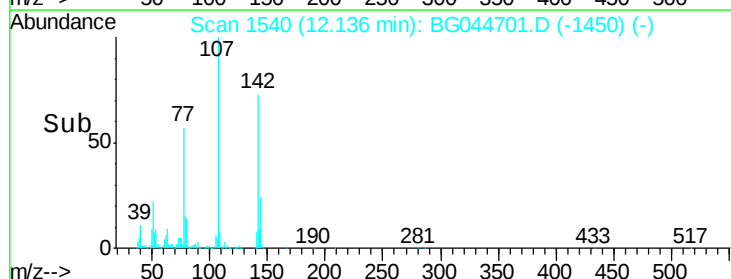
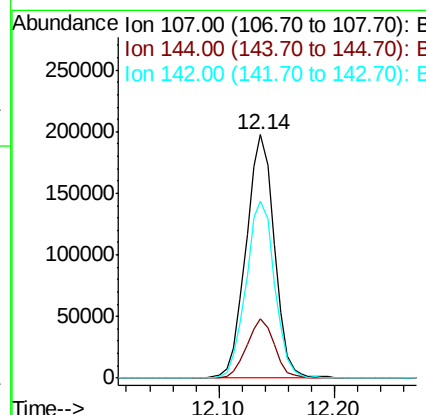
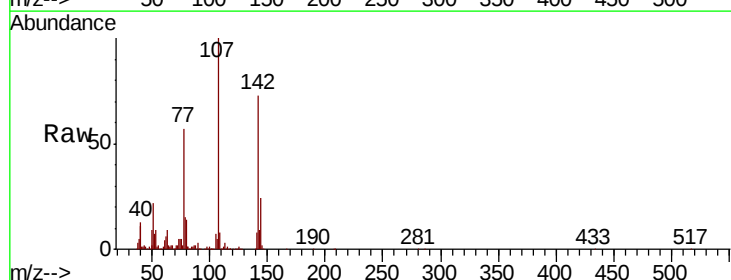
Manual Integrations
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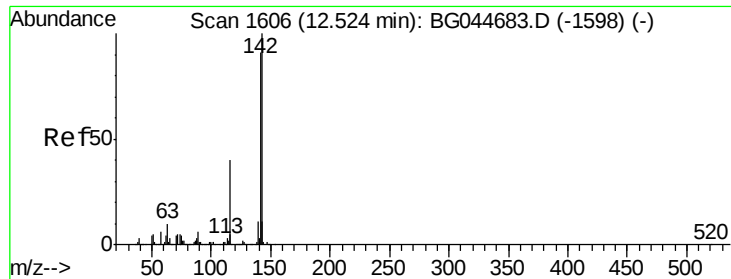
mohammad
3/10/2020 2:43:43 PM



#36
4-Chloro-3-methylphenol
Concen: 37.093 ng
RT: 12.14 min Scan# 1540
Delta R.T. 0.00 min
Lab File: BG044701.D
Acq: 9 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.4	17.9	26.9
142	72.8	55.8	83.8





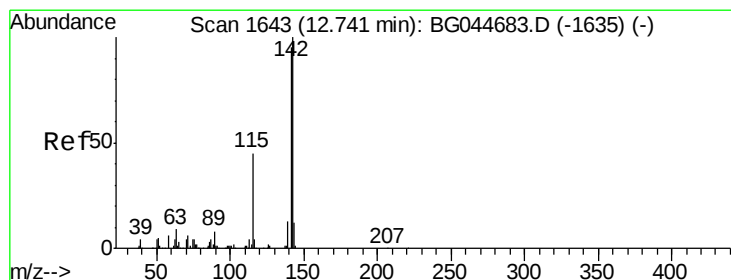
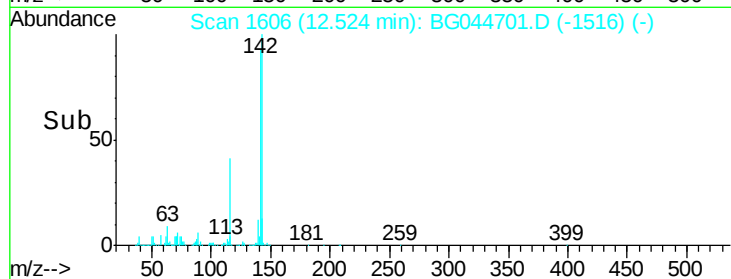
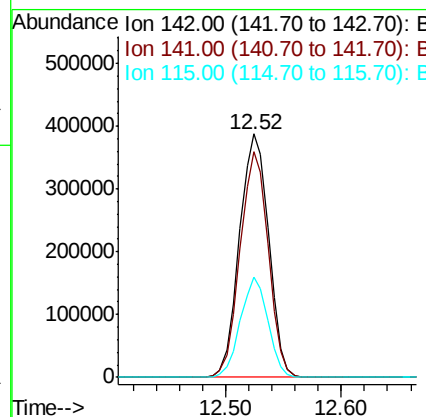
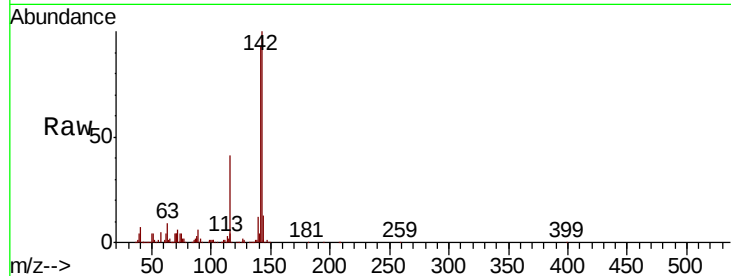
#37
2-Methylnaphthalene
Concen: 38.668 ng
RT: 12.52 min Scan# 1606
Delta R.T. 0.00 min
Lab File: BG044701.D
Acq: 9 Mar 2020 13:24

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.7	72.9	109.3
115	41.1	32.3	48.5

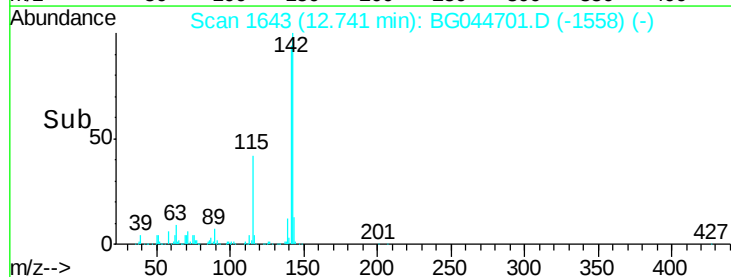
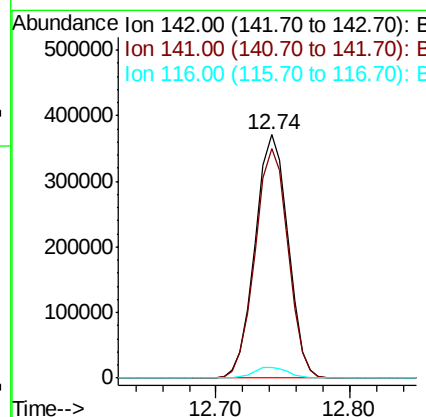
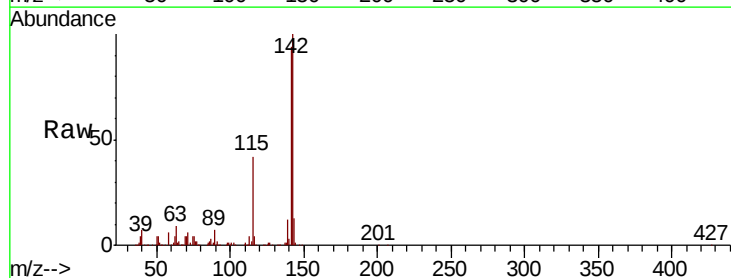
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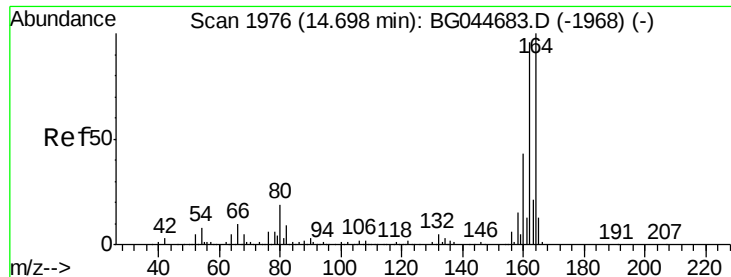
mohammad
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#38
1-Methylnaphthalene
Concen: 38.152 ng
RT: 12.74 min Scan# 1643
Delta R.T. 0.00 min
Lab File: BG044701.D
Acq: 9 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.2	76.2	114.2
116	4.1	3.4	5.0





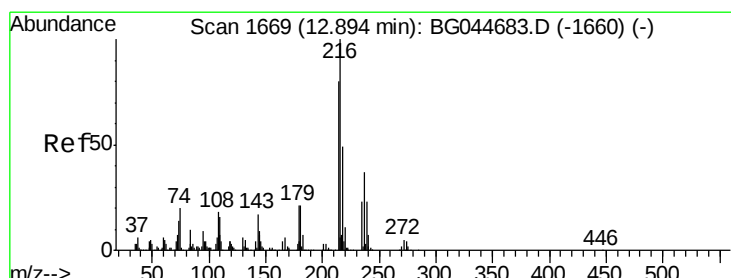
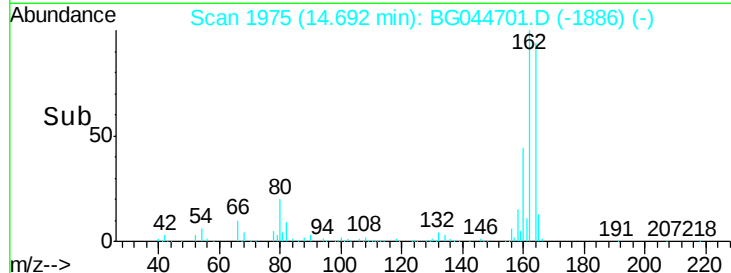
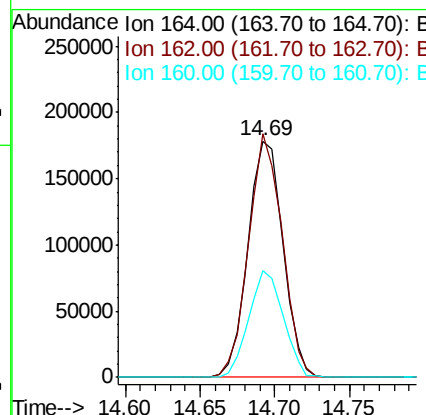
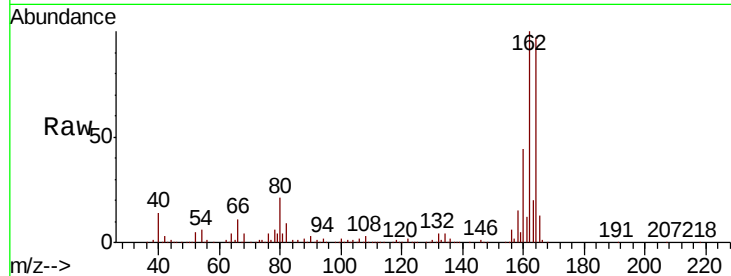
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG044701.D
Acq: 9 Mar 2020 13:24

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.9	76.5	114.7
160	45.3	34.8	52.2

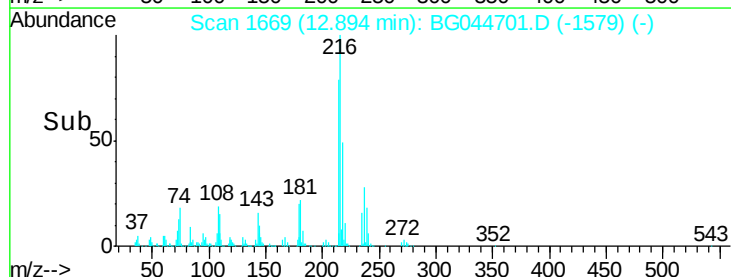
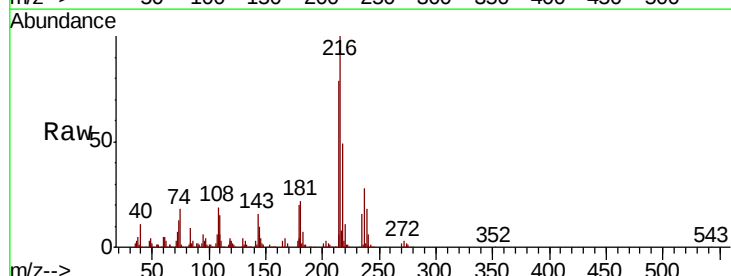
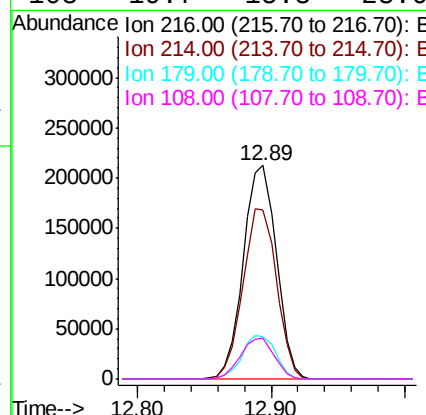
Manual Integrations
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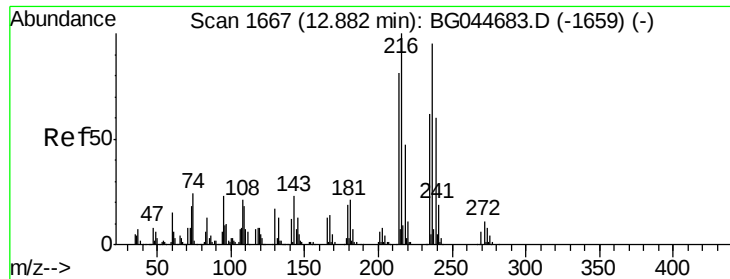
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.789 ng
RT: 12.89 min Scan# 1669
Delta R.T. 0.00 min
Lab File: BG044701.D
Acq: 9 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
216	100		
214	81.0	64.5	96.7
179	20.7	16.7	25.1
108	19.7	15.8	23.6





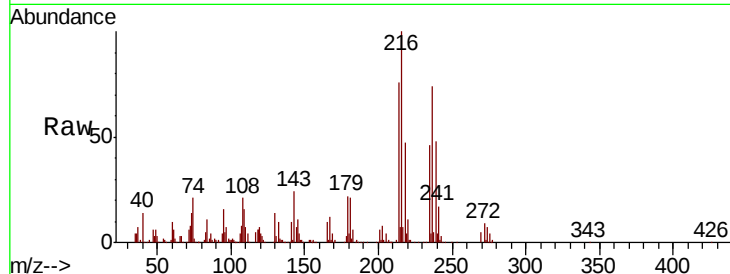
#41
Hexachlorocyclopentadiene
Concen: 34.490 ng
RT: 12.88 min Scan# 1667
Delta R.T. 0.00 min
Lab File: BG044701.D
Acq: 9 Mar 2020 13:24

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

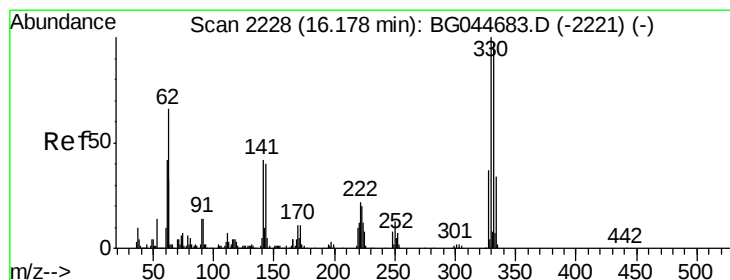
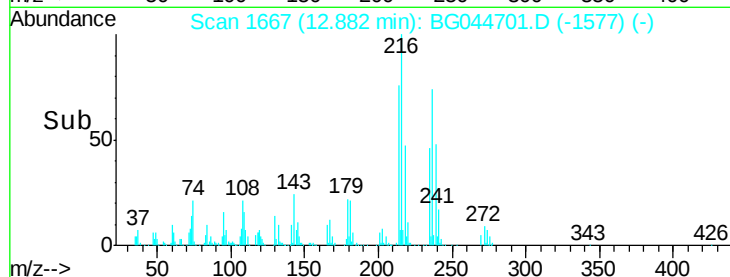
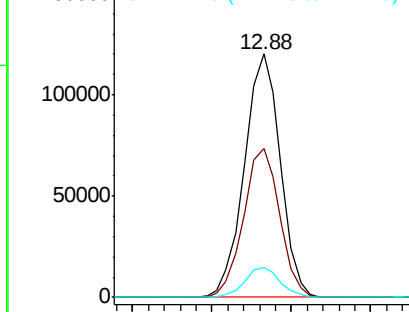
Tot Ion	Ratio	Lower	Upper
237	100		
235	61.3	44.7	84.7
272	12.4	0.0	31.7

Manual Integrations
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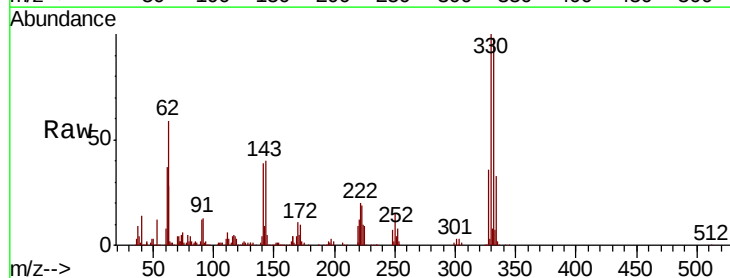


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

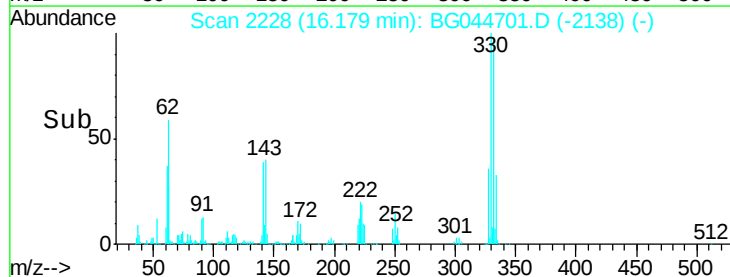
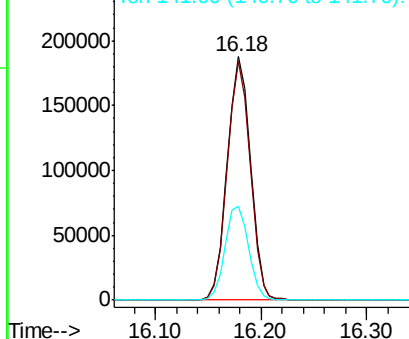


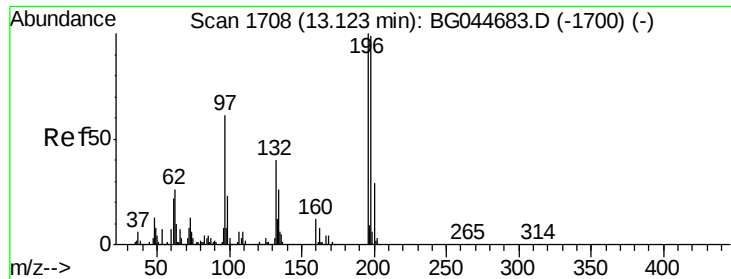
#42
2,4,6-Tribromophenol
Concen: 71.934 ng
RT: 16.18 min Scan# 2228
Delta R.T. 0.00 min
Lab File: BG044701.D
Acq: 9 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	39.3	32.4	48.6



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





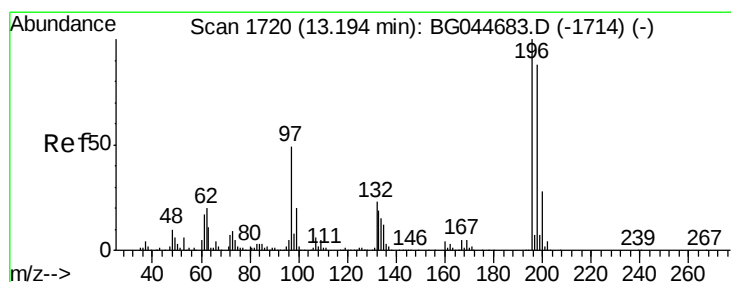
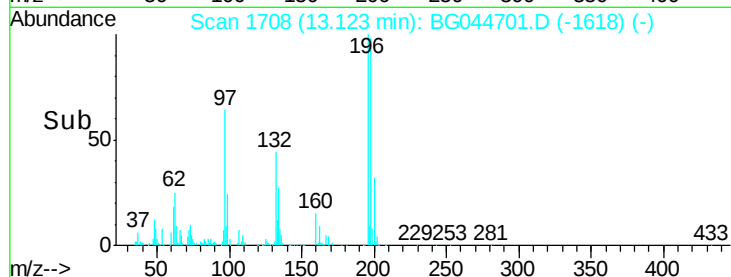
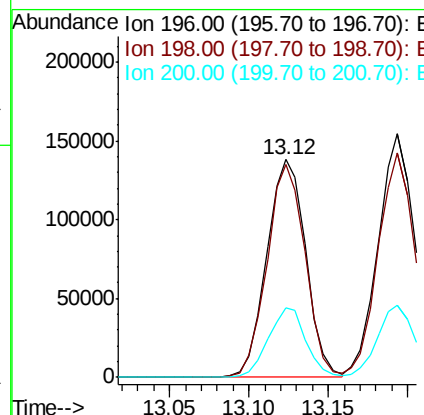
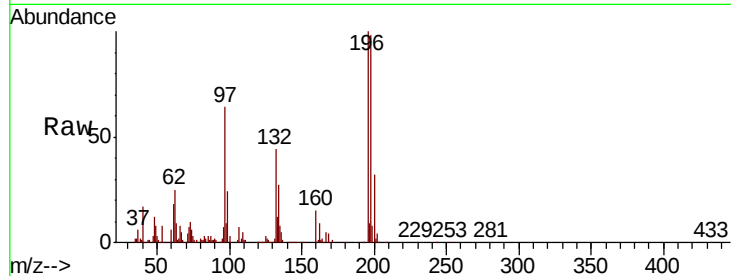
#43
 2,4,6-Trichlorophenol
 Concen: 36.317 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BG044701.D
 Acq: 9 Mar 2020 13:24

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	236225		
198	97.6	79.3	118.9	
200	31.9	23.0	34.6	

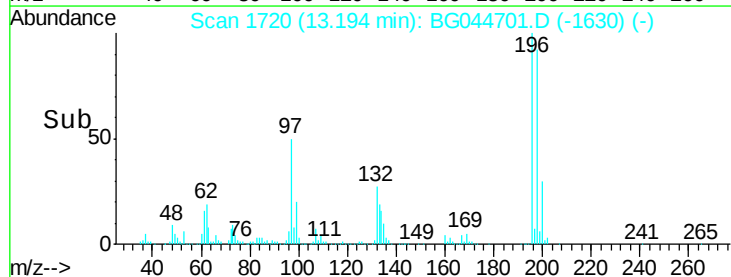
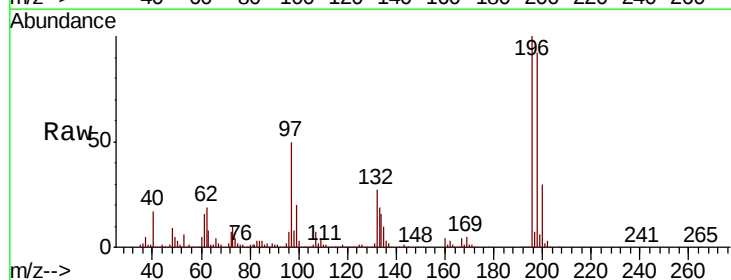
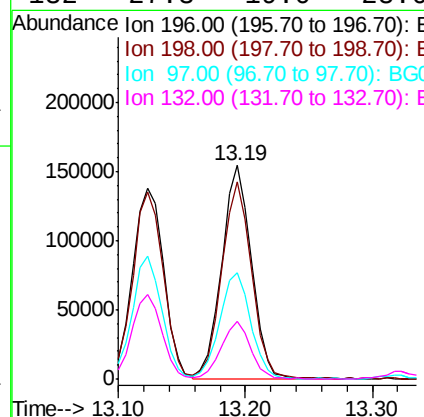
Manual Integrations
 APPROVED

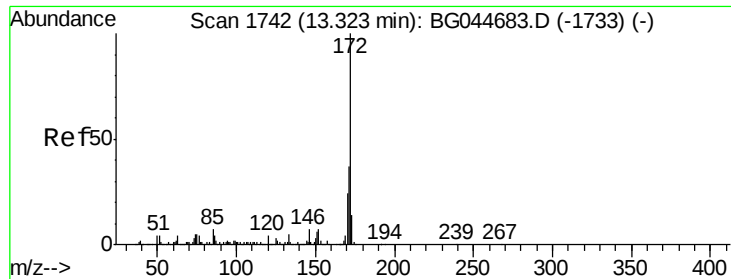
mohammad
 3/10/2020 2:43:43 PM



#44
 2,4,5-Trichlorophenol
 Concen: 37.555 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. 0.00 min
 Lab File: BG044701.D
 Acq: 9 Mar 2020 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	250521		
198	92.4	70.7	106.1	
97	49.7	39.4	59.2	
132	27.3	19.0	28.6	





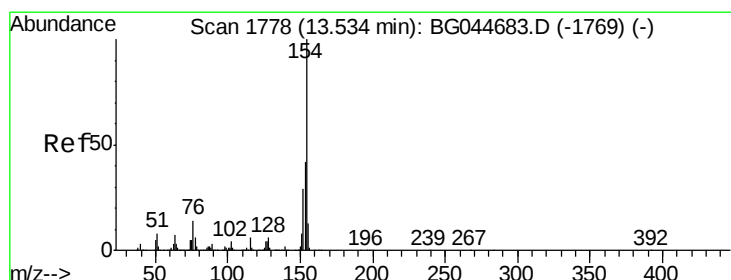
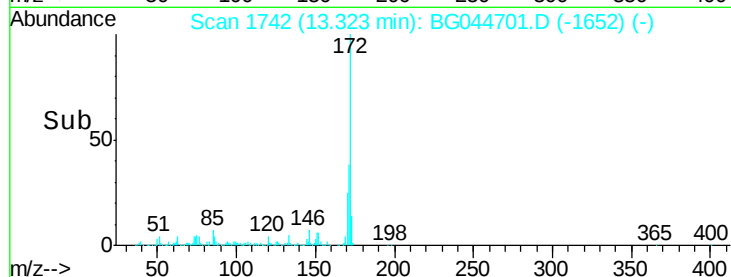
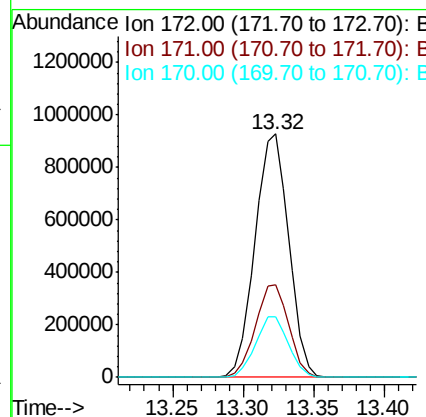
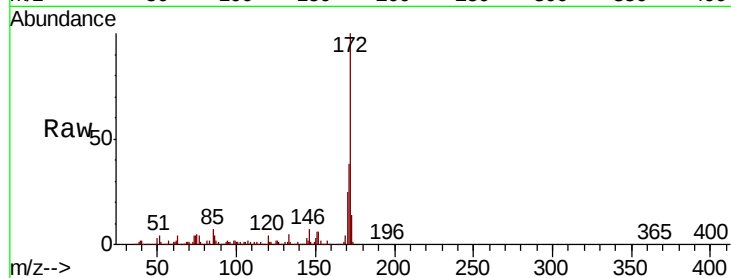
#45
2-Fluorobiphenyl
Concen: 75.217 ng
RT: 13.32 min Scan# 1742
Delta R.T. 0.00 min
Lab File: BG044701.D
Acq: 9 Mar 2020 13:24

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	29.8	44.8
170	25.1	19.3	28.9

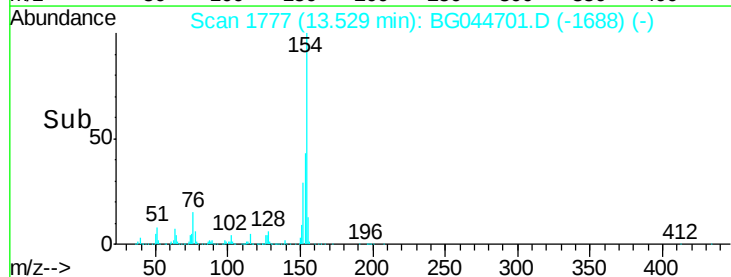
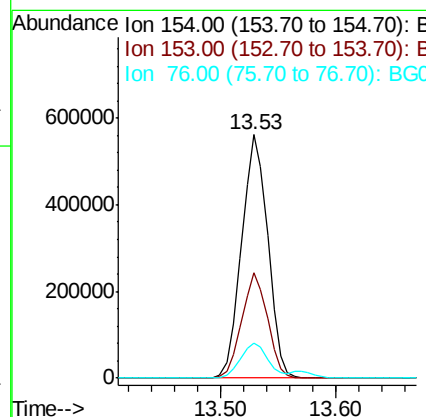
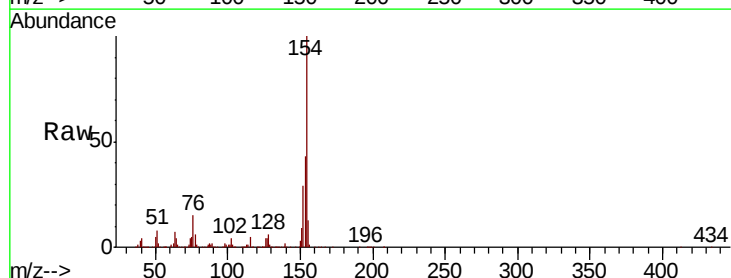
Manual Integrations
APPROVED

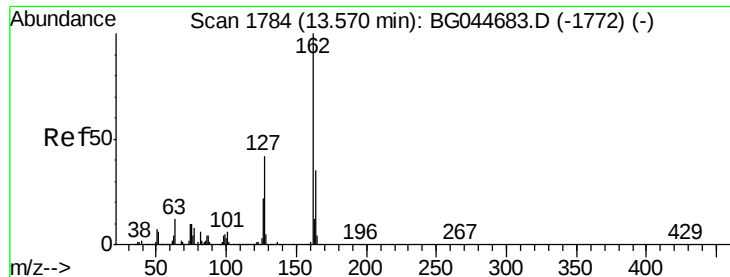
mohammad
3/10/2020 2:43:43 PM



#46
1,1'-Biphenyl
Concen: 38.312 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG044701.D
Acq: 9 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	22.1	62.1
76	14.6	0.0	34.5





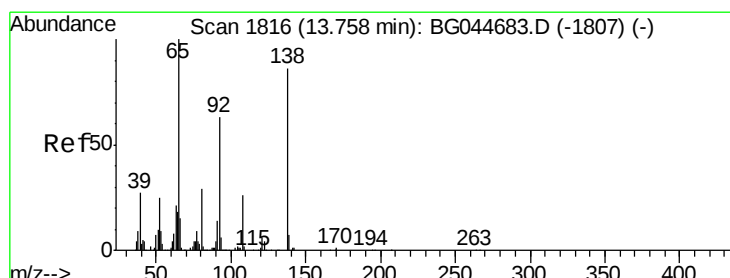
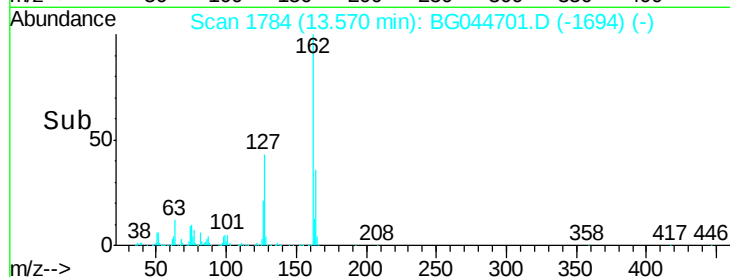
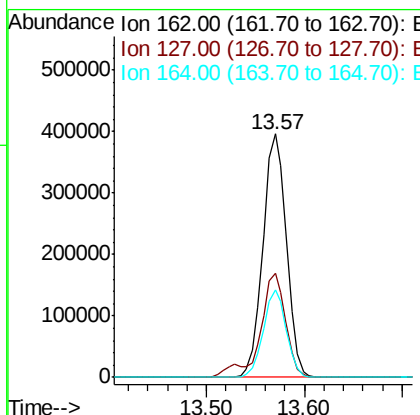
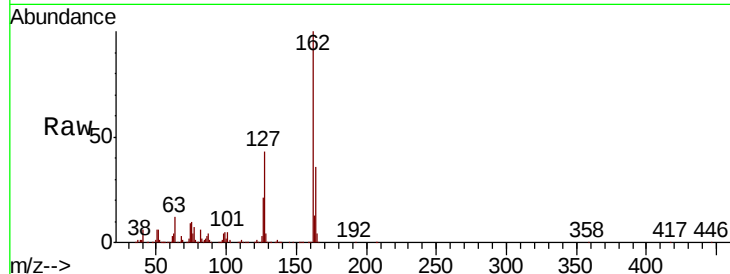
#47
 2-Chloronaphthalene
 Concen: 38.222 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: BG044701.D
 Acq: 9 Mar 2020 13:24

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.5	33.9	50.9
164	35.7	28.3	42.5

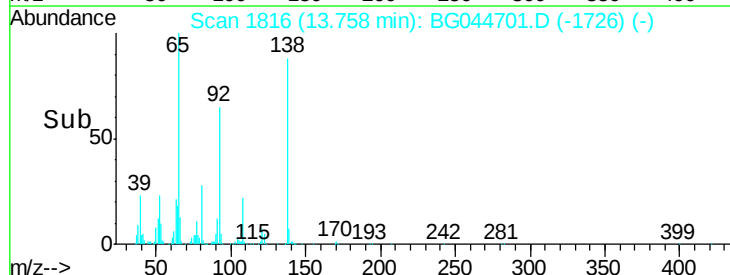
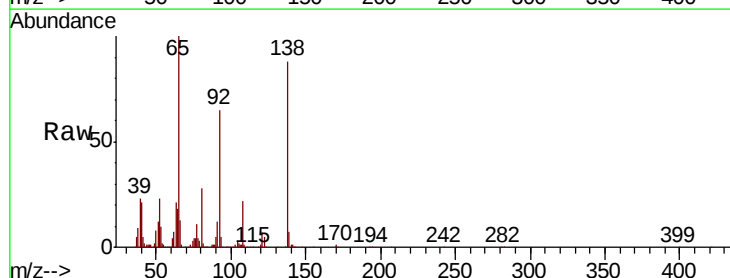
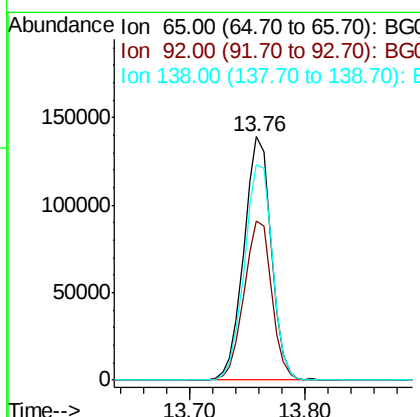
Manual Integrations
 APPROVED

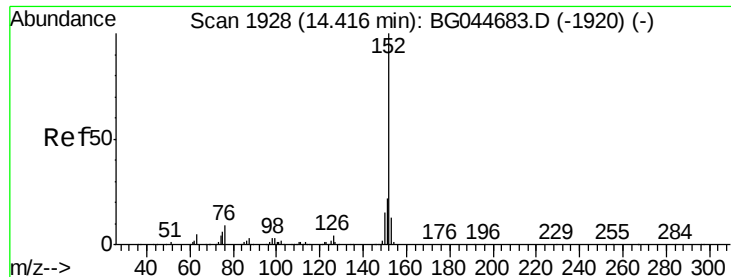
mohammad
 3/10/2020 2:43:43 PM



#48
 2-Nitroaniline
 Concen: 37.541 ng
 RT: 13.76 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: BG044701.D
 Acq: 9 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.3	50.6	75.8
138	88.5	68.8	103.2





#49

Acenaphthylene

Concen: 37.869 ng

RT: 14.42 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BG044701.D

Acq: 9 Mar 2020 13:24

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1063864

Ion Ratio Lower Upper

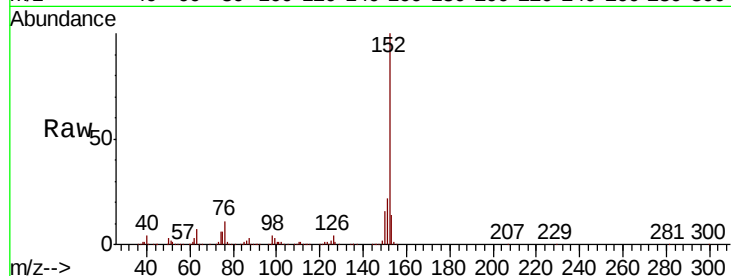
152 100

151 21.9 17.6 26.4

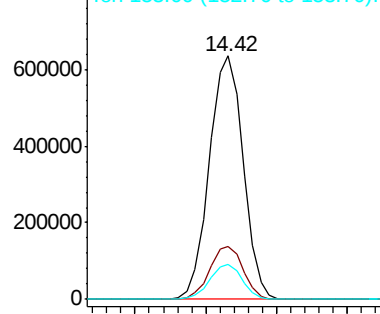
153 14.2 10.7 16.1

Manual Integrations
APPROVED

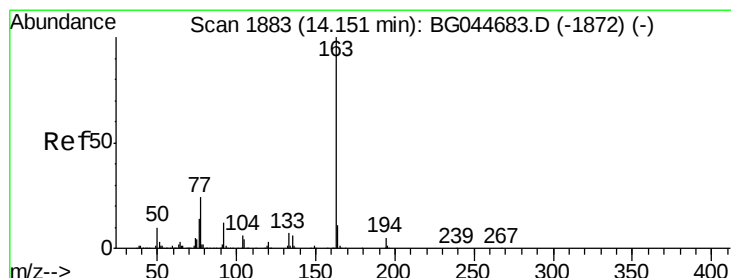
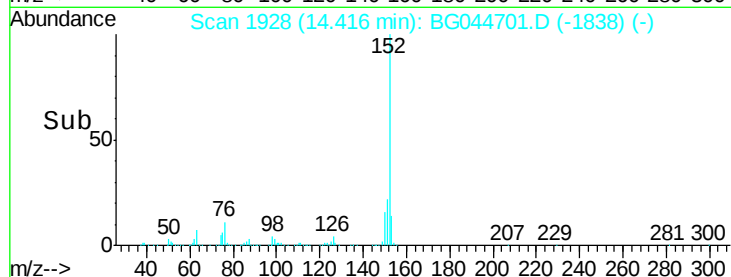
mohammad
3/10/2020 2:43:43 PM



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



Time-->



#50

Dimethylphthalate

Concen: 37.825 ng

RT: 14.15 min Scan# 1883

Delta R.T. 0.00 min

Lab File: BG044701.D

Acq: 9 Mar 2020 13:24

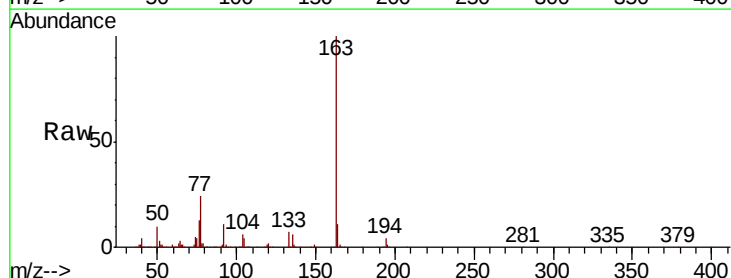
Tgt Ion:163 Resp: 908872

Ion Ratio Lower Upper

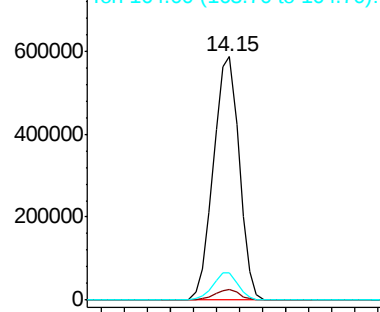
163 100

194 4.1 3.7 5.5

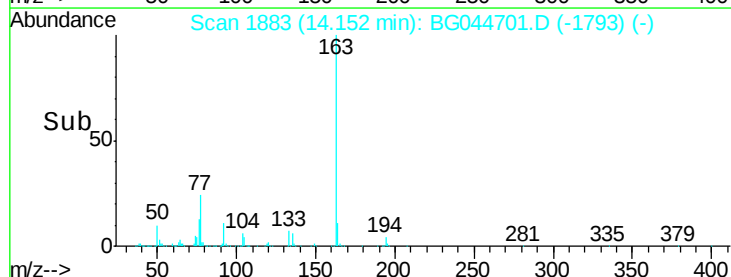
164 11.1 8.6 12.8

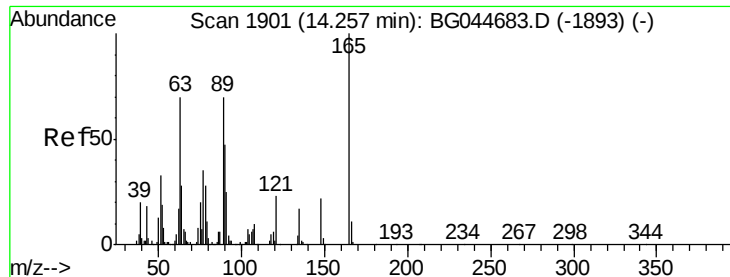


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



Time-->





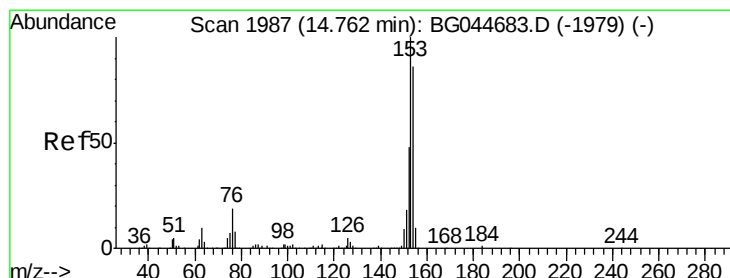
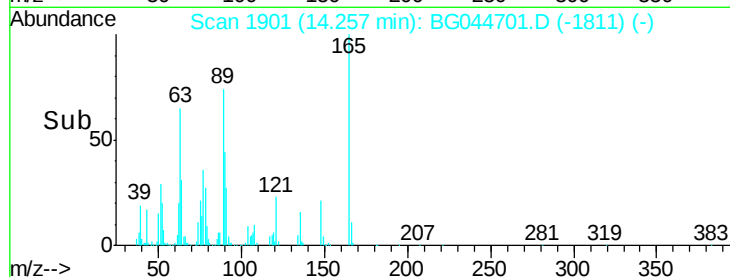
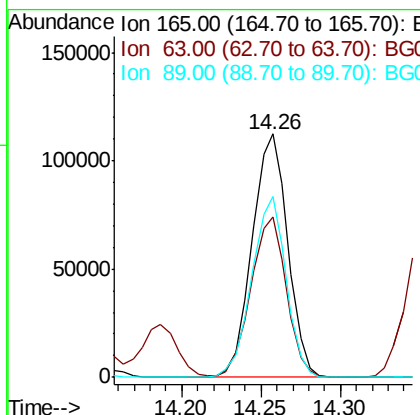
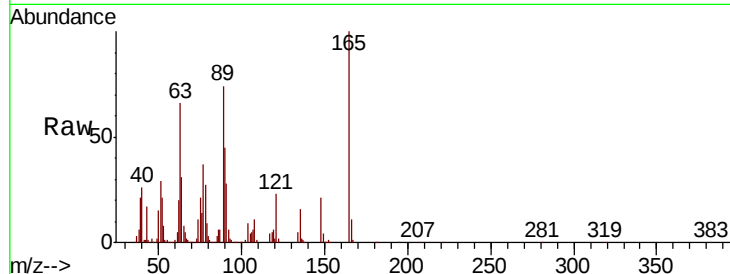
#51
2,6-Dinitrotoluene
Concen: 40.634 ng
RT: 14.26 min Scan# 1901
Delta R.T. 0.00 min
Lab File: BG044701.D
Acq: 9 Mar 2020 13:24

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	65.9	57.4	86.0
89	74.1	56.2	84.2

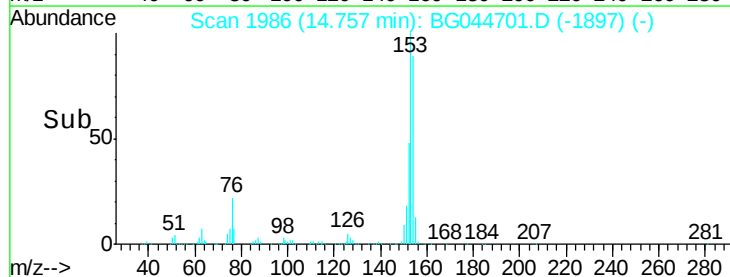
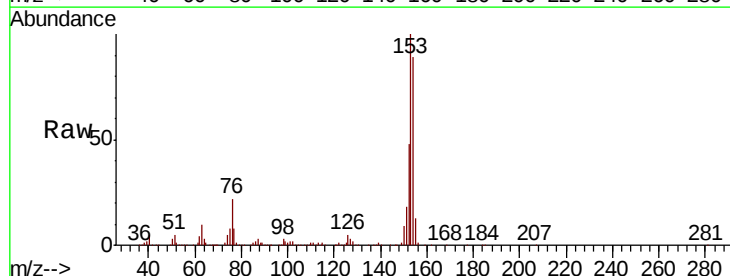
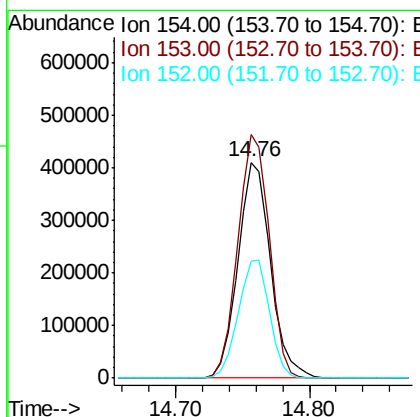
Manual Integrations
APPROVED

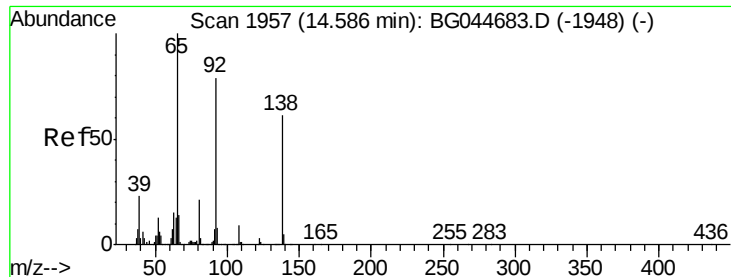
mohammad
3/10/2020 2:43:43 PM



#52
Acenaphthene
Concen: 37.952 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BG044701.D
Acq: 9 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.9	92.6	138.8
152	54.3	44.2	66.4





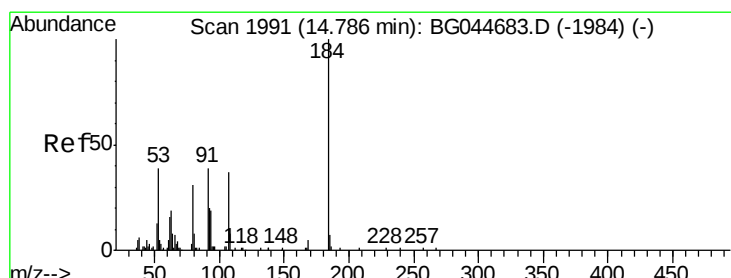
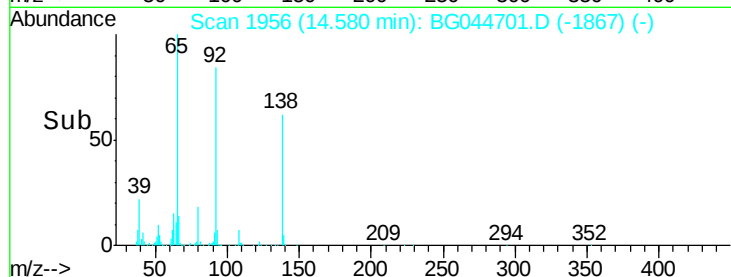
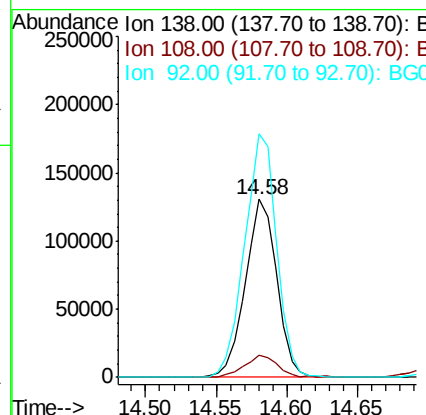
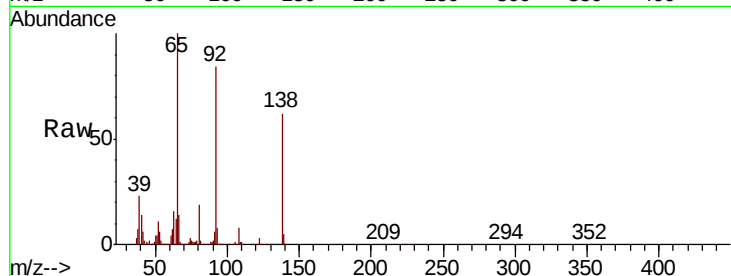
#53
3-Nitroaniline
Concen: 40.946 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG044701.D
Acq: 9 Mar 2020 13:24

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.6	12.2	18.4
92	136.8	105.1	157.7

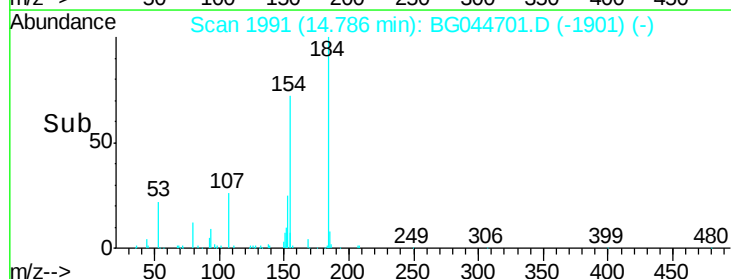
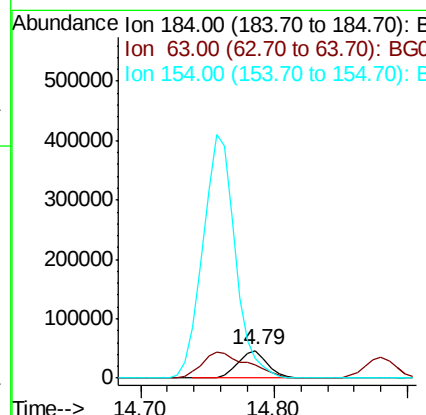
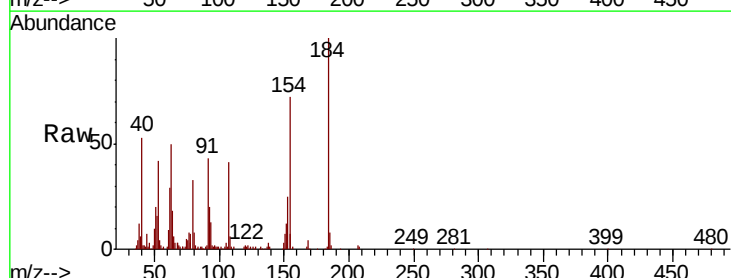
Manual Integrations
APPROVED

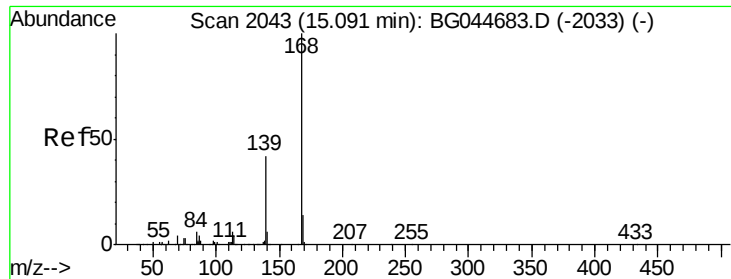
mohammad
3/10/2020 2:43:43 PM



#54
2,4-Dinitrophenol
Concen: 35.131 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BG044701.D
Acq: 9 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
184	100		
63	50.1	42.4	63.6
154	72.0	75.0	112.4





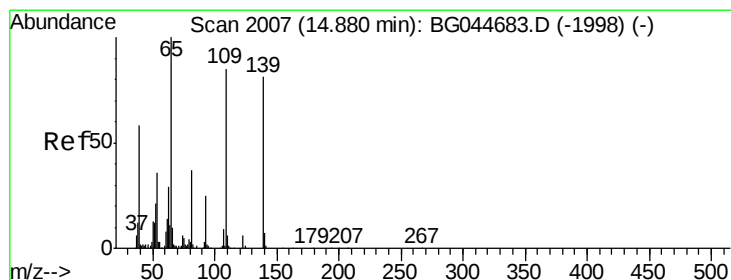
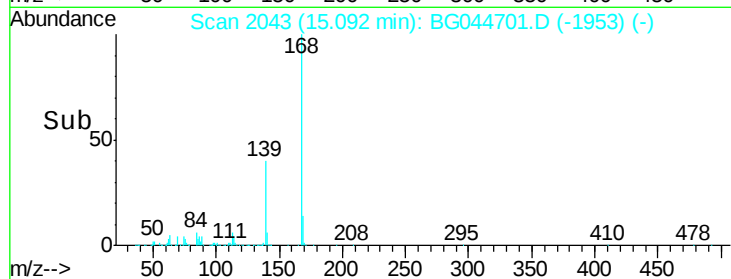
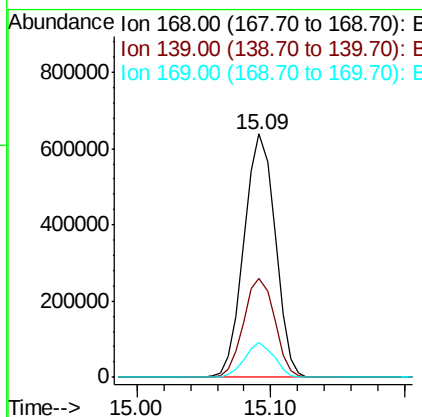
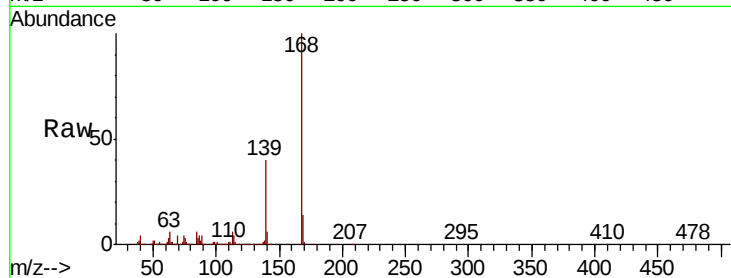
#55
Dibenzofuran
Concen: 37.850 ng
RT: 15.09 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BG044701.D
Acq: 9 Mar 2020 13:24

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.5	33.8	50.6
169	14.2	11.0	16.4

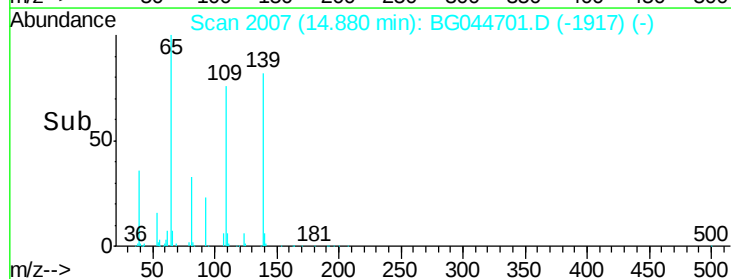
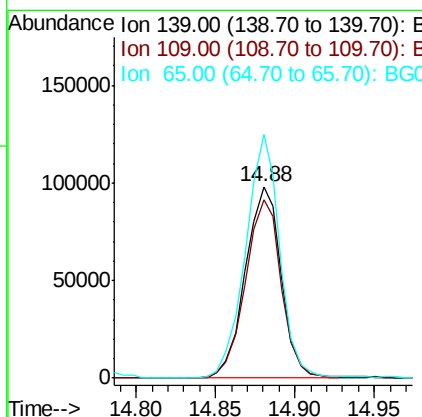
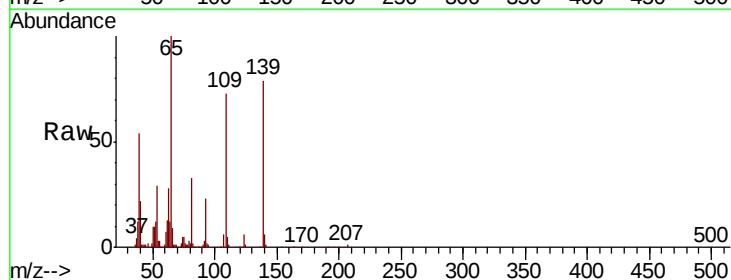
Manual Integrations
APPROVED

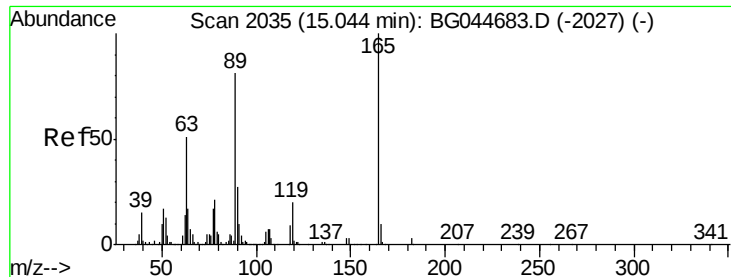
mohammad
3/10/2020 2:43:43 PM



#56
4-Nitrophenol
Concen: 39.627 ng
RT: 14.88 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BG044701.D
Acq: 9 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
139	100		
109	93.3	86.0	126.0
65	127.2	104.5	144.5





#57

2,4-Dinitrotoluene

Concen: 39.576 ng

RT: 15.04 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BG044701.D

Acq: 9 Mar 2020 13:24

Instrument :

BNA_G

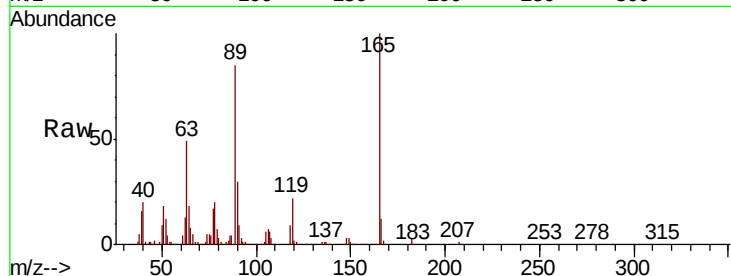
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		237297		
63	48.7		40.6	61.0	
89	85.0		65.0	97.6	
182	2.8		2.4	3.6	

Manual Integrations
APPROVED

mohammad
3/10/2020 2:43:43 PM

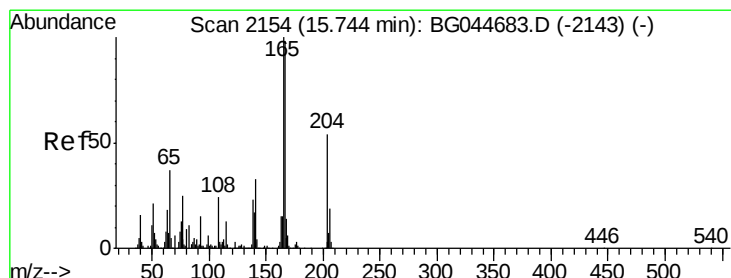
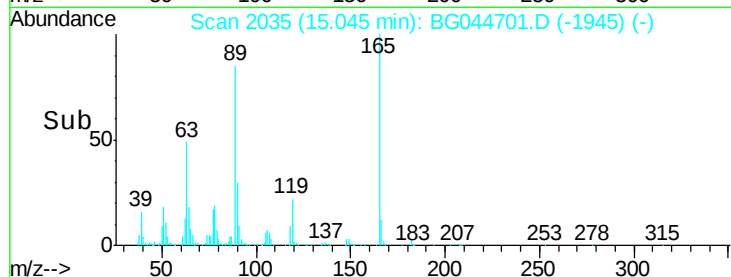
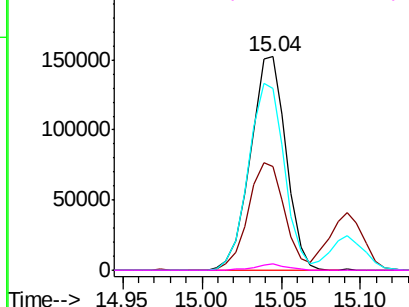


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 37.514 ng

RT: 15.74 min Scan# 2154

Delta R.T. 0.00 min

Lab File: BG044701.D

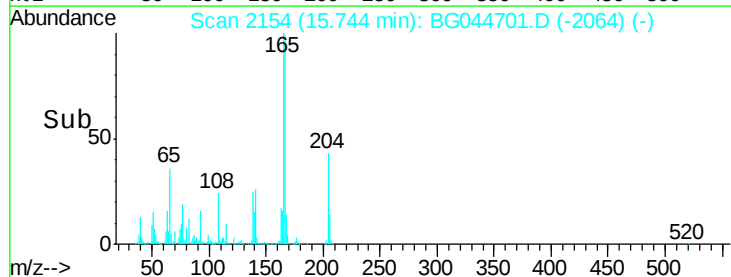
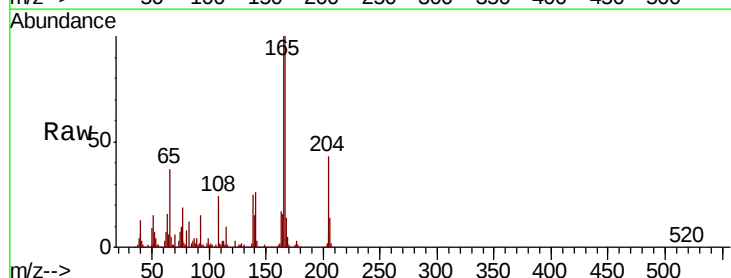
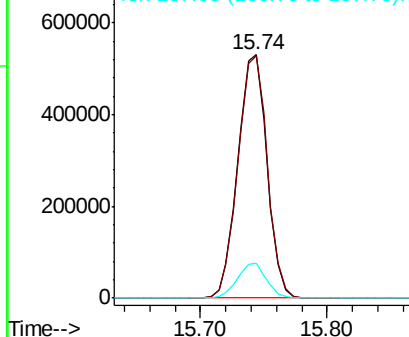
Acq: 9 Mar 2020 13:24

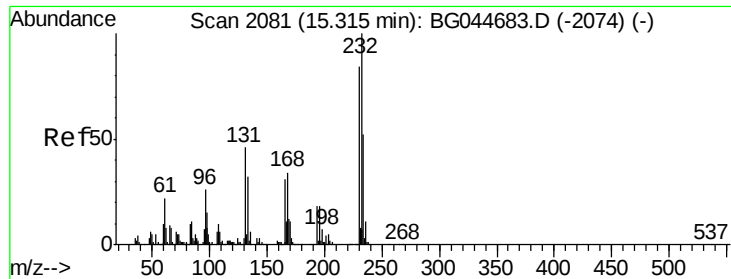
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		844542		
165	99.7		81.3	121.9	
167	14.3		11.0	16.6	

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





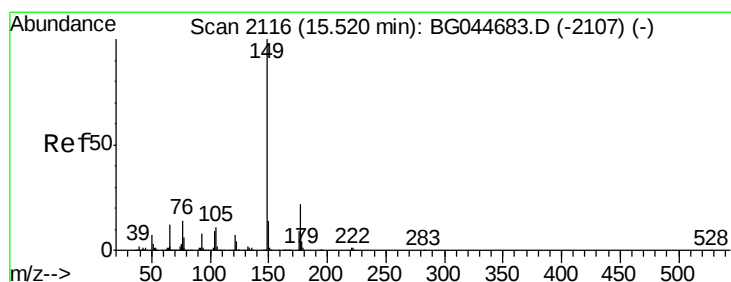
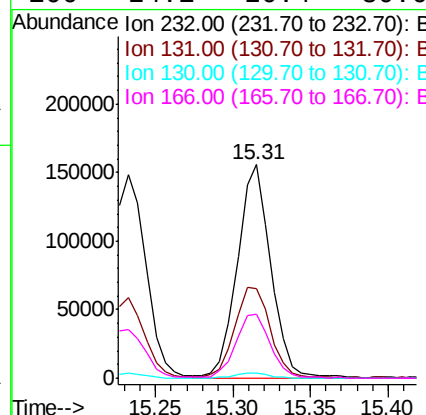
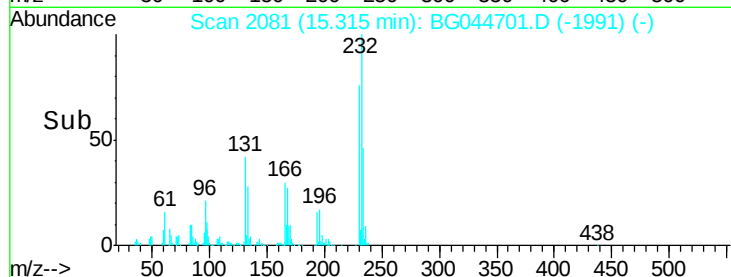
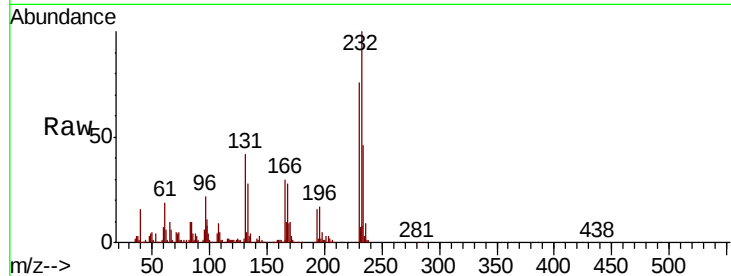
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.039 ng m
RT: 15.31 min Scan# 2081
Delta R.T. 0.00 min
Lab File: BG044701.D
Acq: 9 Mar 2020 13:24

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
232	100	235156		
131	38.5		33.0	49.6
130	2.3		2.2	3.2
166	24.1		20.4	30.6

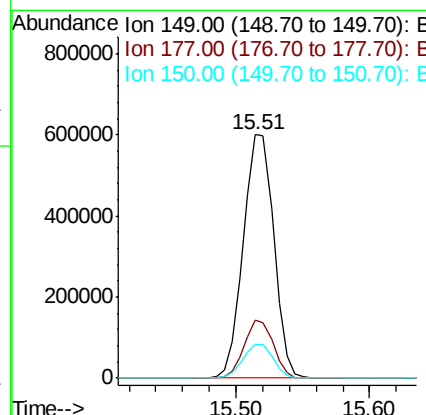
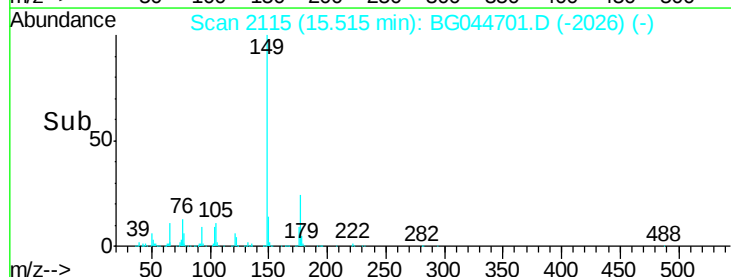
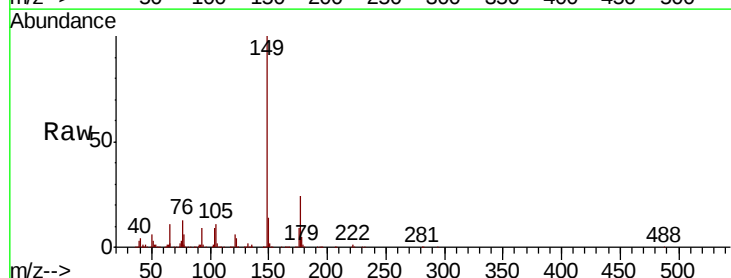
Manual Integrations
APPROVED

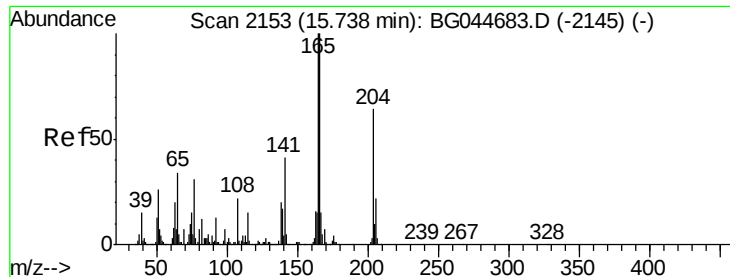
mohammad
3/10/2020 2:43:43 PM



#60
Diethylphthalate
Concen: 36.790 ng
RT: 15.51 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BG044701.D
Acq: 9 Mar 2020 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	945110		
177	23.7		17.5	26.3
150	14.0		10.8	16.2





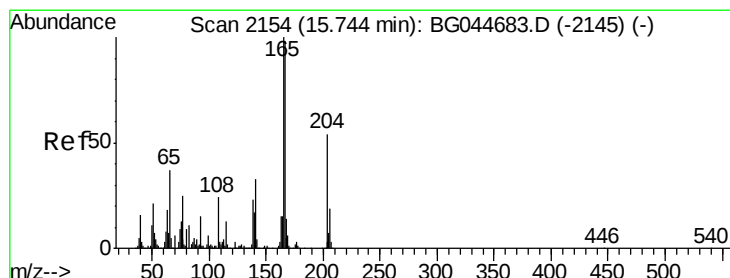
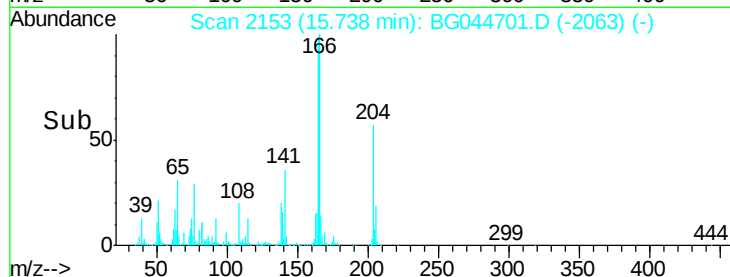
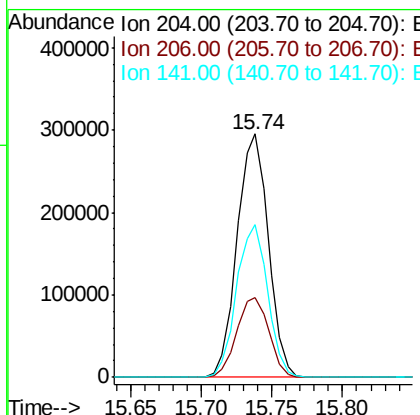
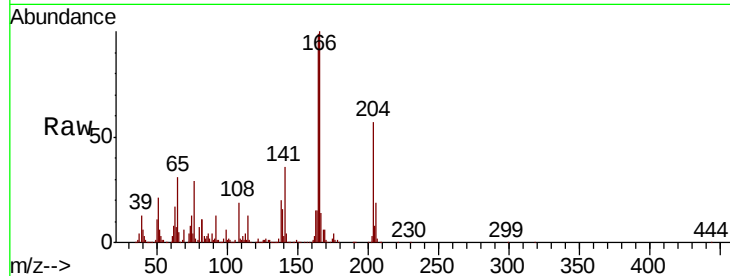
#61
4-Chlorophenyl-phenylether
Concen: 37.319 ng
RT: 15.74 min Scan# 2153
Delta R.T. 0.00 min
Lab File: BG044701.D
Acq: 9 Mar 2020 13:24

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	27.7	41.5
141	62.6	51.0	76.4

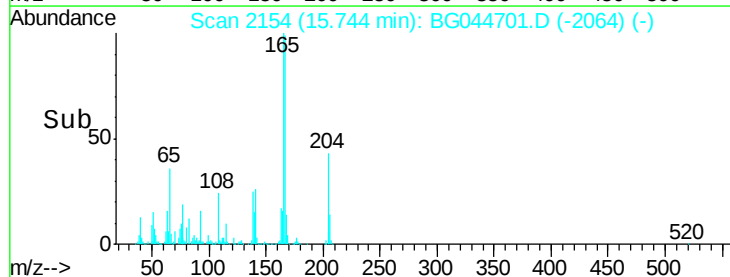
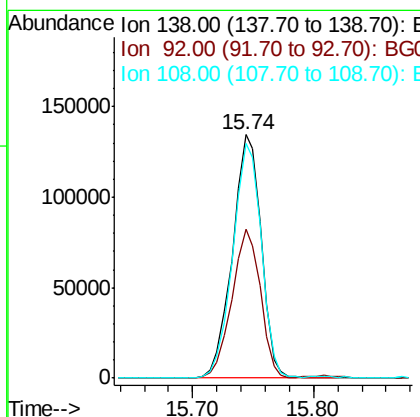
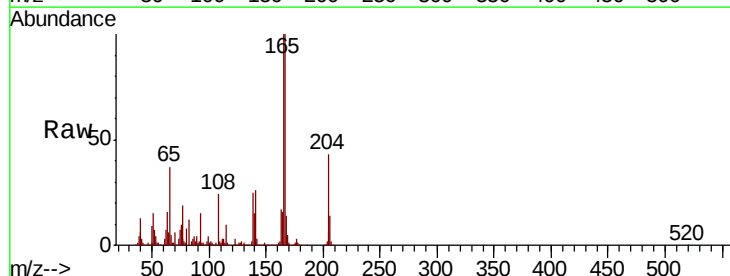
Manual Integrations
APPROVED

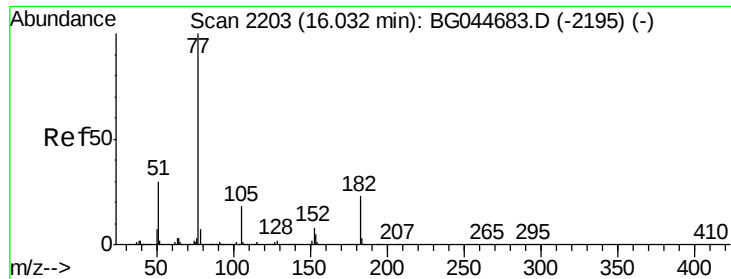
mohammad
3/10/2020 2:43:43 PM



#62
4-Nitroaniline
Concen: 40.686 ng
RT: 15.74 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BG044701.D
Acq: 9 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
138	100		
92	61.0	43.1	83.1
108	96.6	85.2	125.2





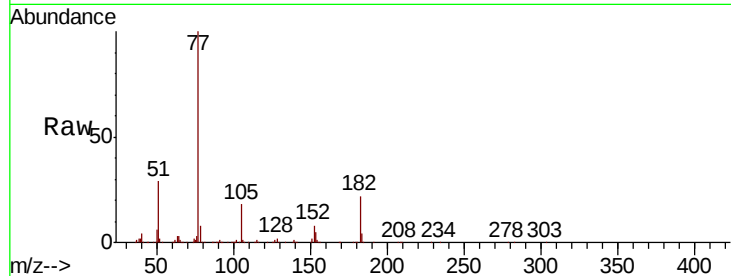
#63
Azobenzene
Concen: 36.795 ng
RT: 16.03 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BG044701.D
Acq: 9 Mar 2020 13:24

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

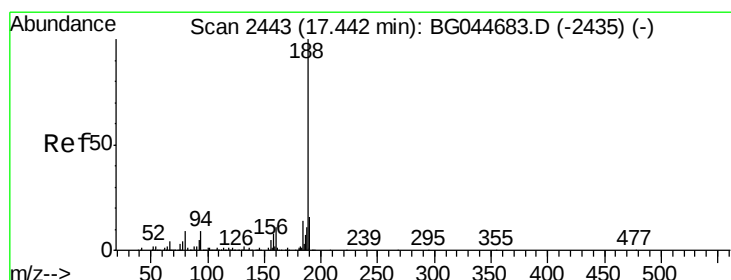
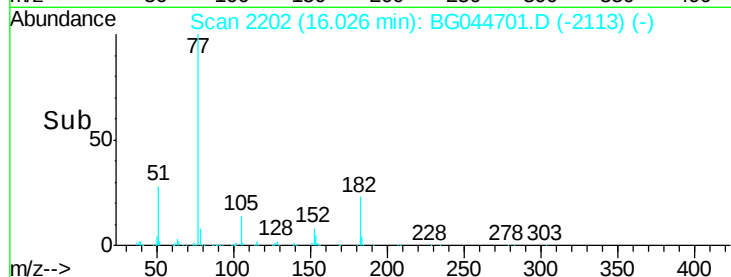
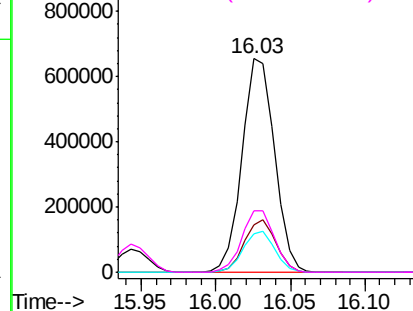
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	22.1	2.7	42.7	
105	18.2	0.0	38.1	
51	28.5	10.3	50.3	

Manual Integrations
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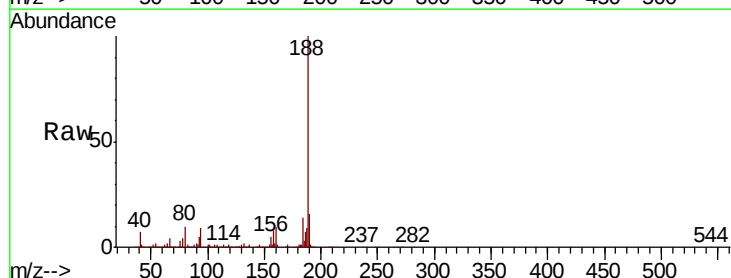


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

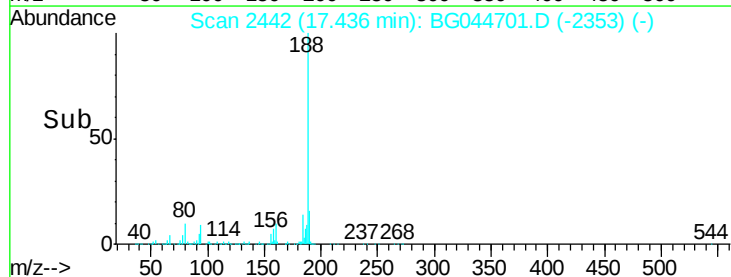
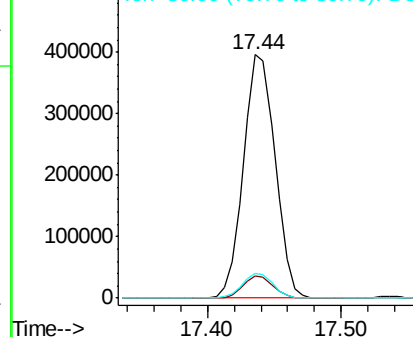


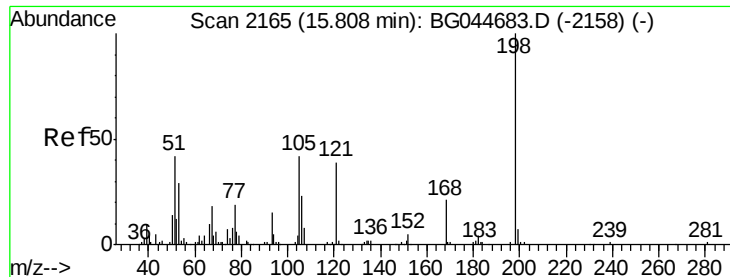
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG044701.D
Acq: 9 Mar 2020 13:24

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.2	7.4	11.0	
80	10.3	7.3	10.9	



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: 35.683 ng

RT: 15.81 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BG044701.D

Acq: 9 Mar 2020 13:24

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:198 Resp: 95009

Ion Ratio Lower Upper

198 100

51 42.6 27.1 67.1

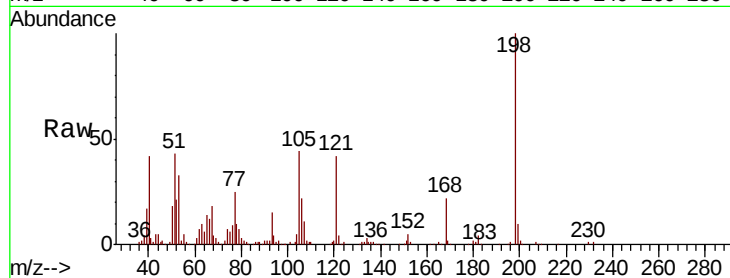
105 44.4 23.6 63.6

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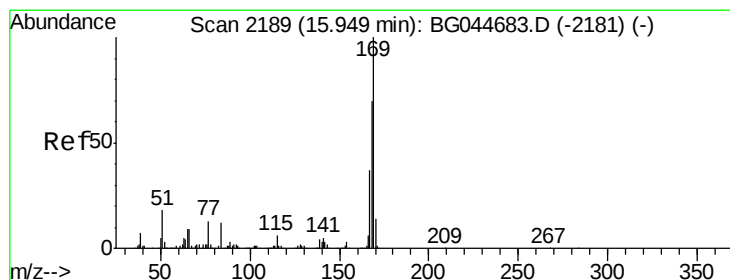
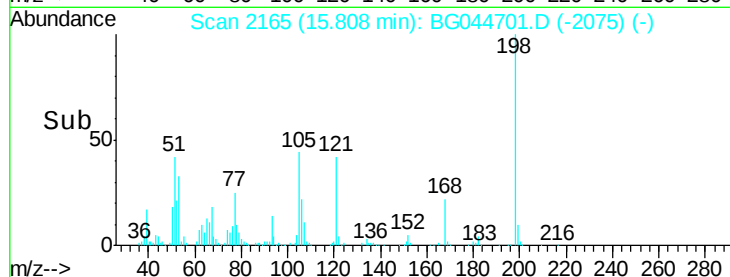
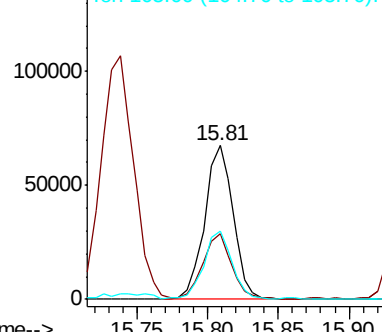
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.950 ng

RT: 15.94 min Scan# 2188

Delta R.T. -0.01 min

Lab File: BG044701.D

Acq: 9 Mar 2020 13:24

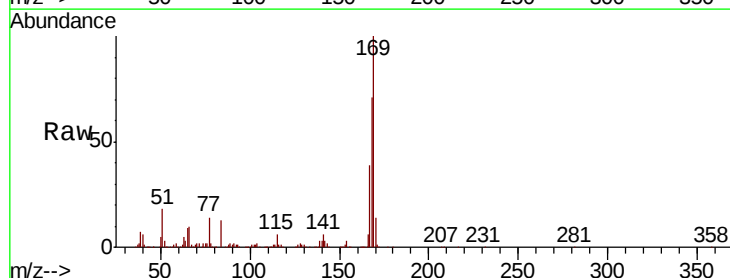
Tgt Ion:169 Resp: 753256

Ion Ratio Lower Upper

169 100

168 70.9 56.2 84.2

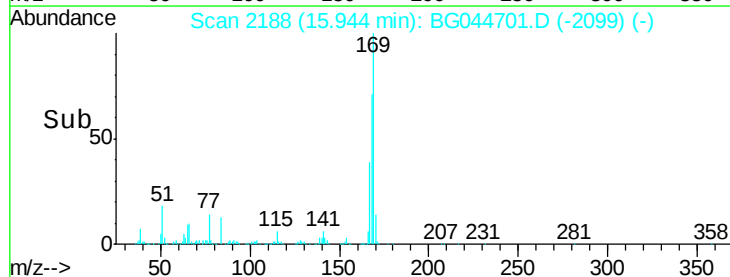
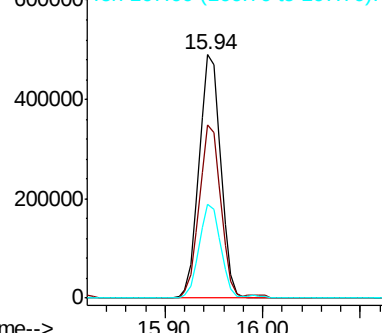
167 38.7 29.4 44.2

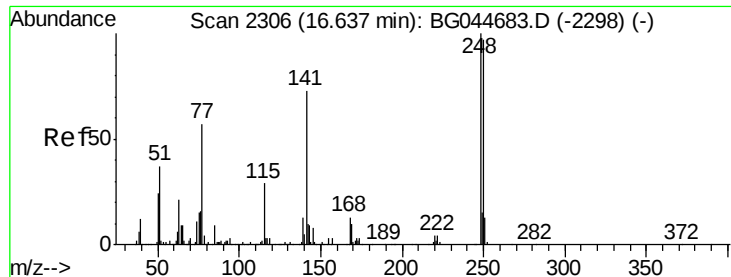


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





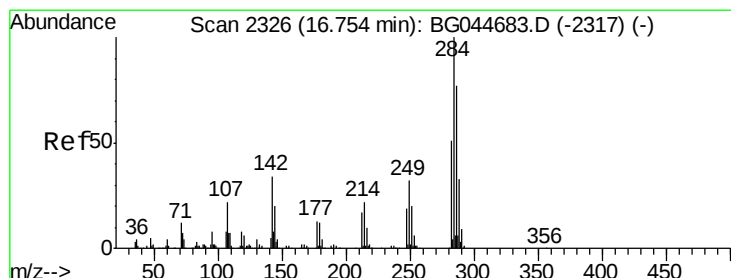
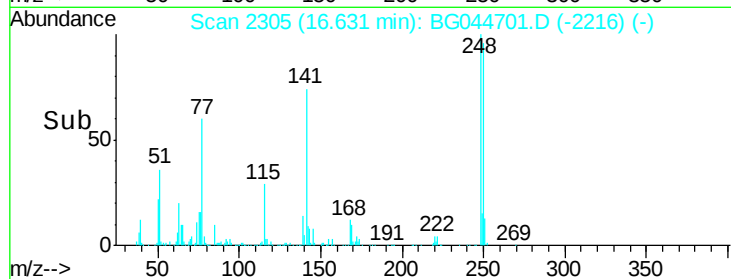
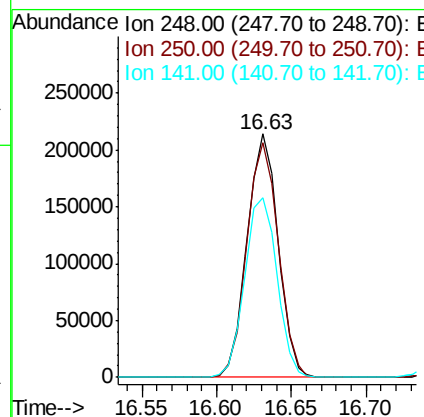
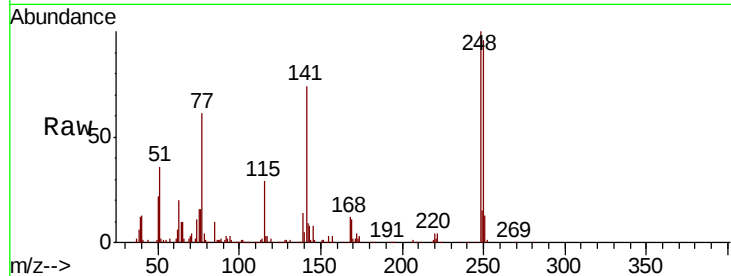
#67
4-Bromophenyl-phenylether
Concen: 37.541 ng
RT: 16.63 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BG044701.D
Acq: 9 Mar 2020 13:24

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.3	77.4	116.2
141	74.0	58.1	87.1

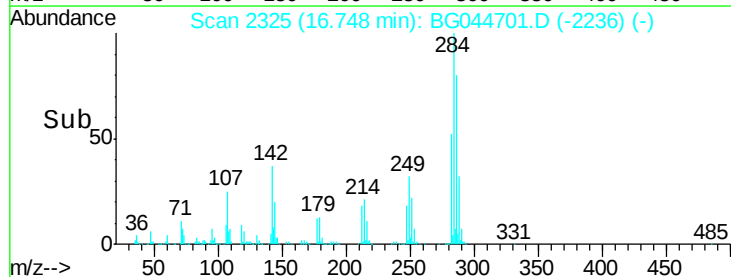
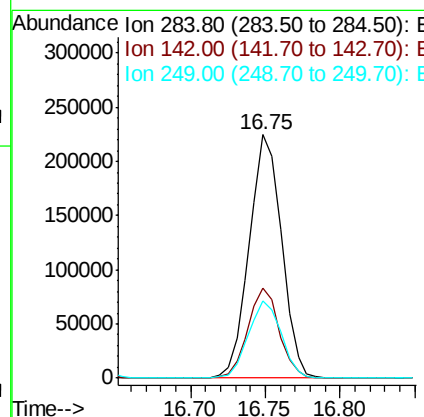
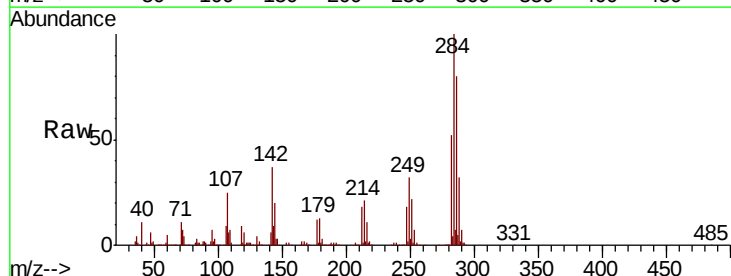
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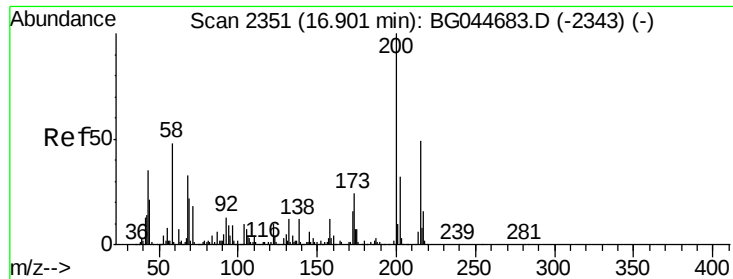
mohammad
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#68
Hexachlorobenzene
Concen: 38.016 ng
RT: 16.75 min Scan# 2325
Delta R.T. -0.01 min
Lab File: BG044701.D
Acq: 9 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.7	27.2	40.8
249	31.9	25.7	38.5





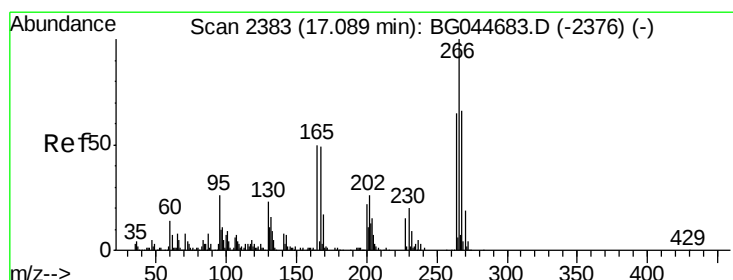
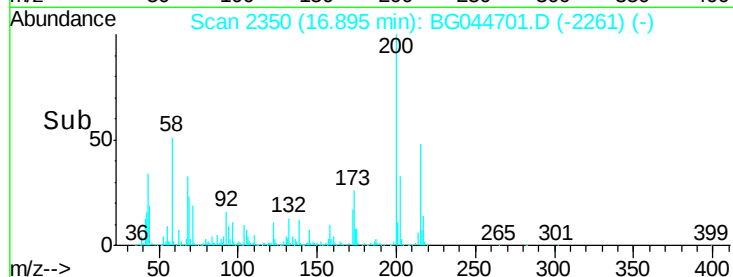
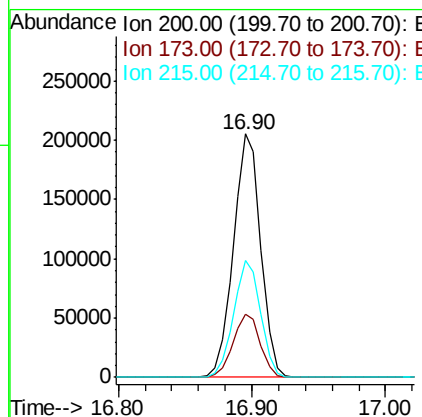
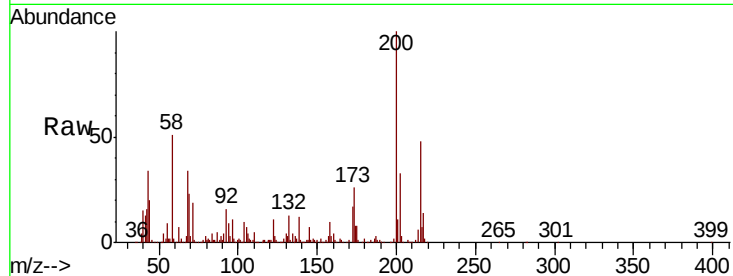
#69
Atrazine
Concen: 38.004 ng
RT: 16.90 min Scan# 2350
Delta R.T. -0.01 min
Lab File: BG044701.D
Acq: 9 Mar 2020 13:24

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.9	4.0	44.0
215	48.0	29.1	69.1

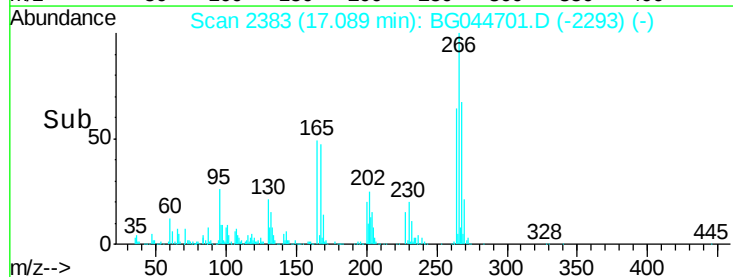
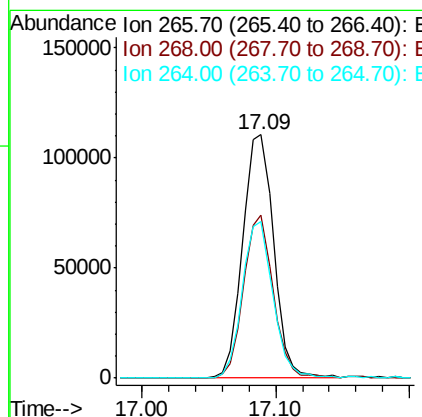
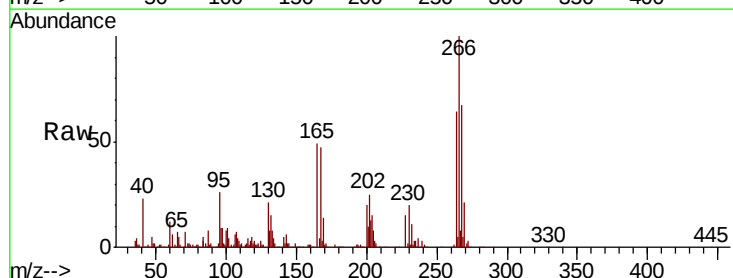
Manual Integrations
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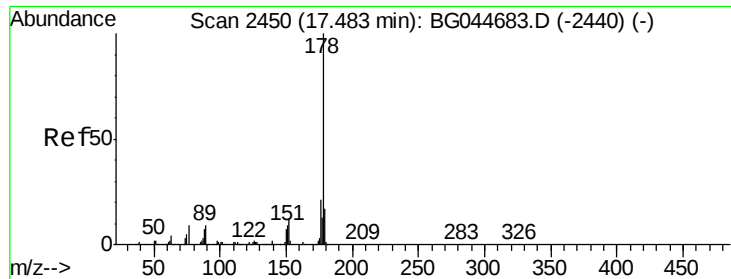
mohammad
3/10/2020 2:43:43 PM



#70
Pentachlorophenol
Concen: 35.303 ng
RT: 17.09 min Scan# 2383
Delta R.T. 0.00 min
Lab File: BG044701.D
Acq: 9 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.8	52.7	79.1
264	64.5	52.3	78.5





#71

Phenanthrene

Concen: 37.979 ng

RT: 17.48 min Scan# 2450

Delta R.T. 0.00 min

Lab File: BG044701.D

Acq: 9 Mar 2020 13:24

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1351919

Ion Ratio Lower Upper

178 100

176 21.6 16.5 24.7

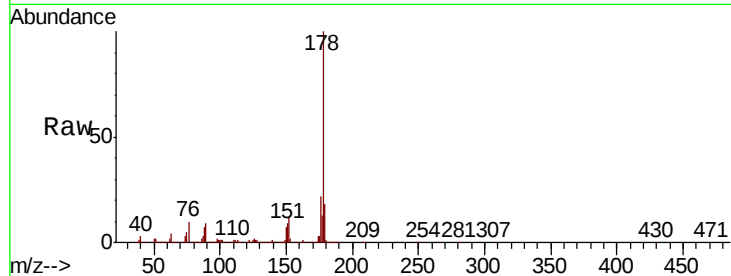
179 17.5 13.8 20.8

Manual Integrations

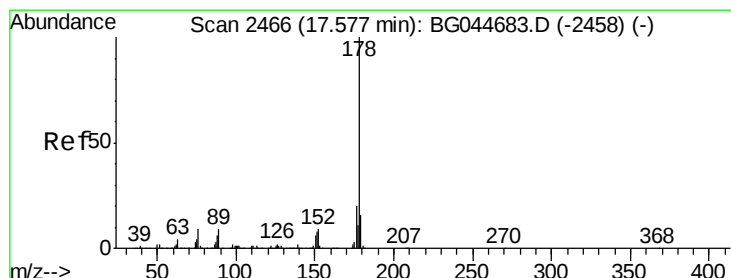
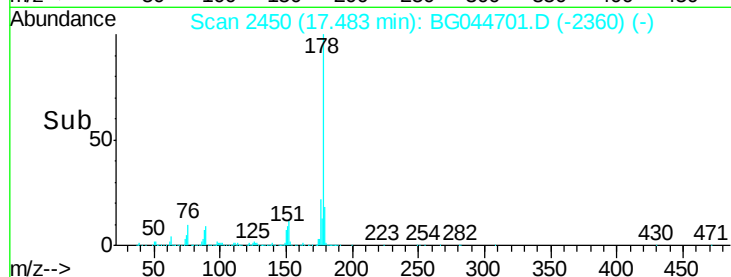
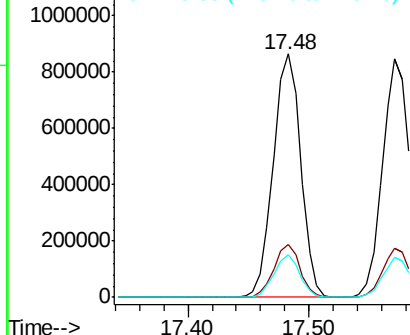
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.107 ng

RT: 17.57 min Scan# 2465

Delta R.T. -0.01 min

Lab File: BG044701.D

Acq: 9 Mar 2020 13:24

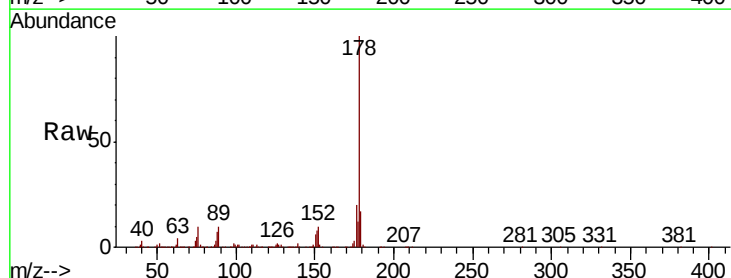
Tgt Ion:178 Resp: 1336038

Ion Ratio Lower Upper

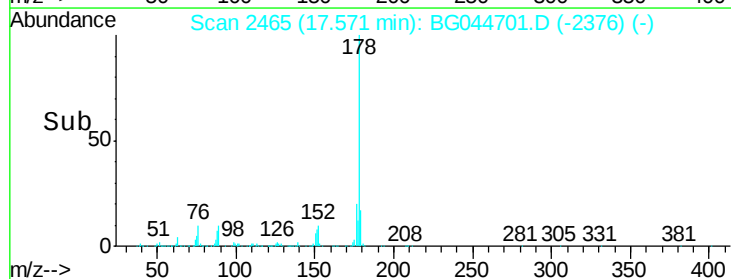
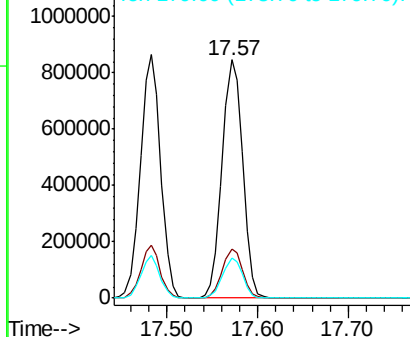
178 100

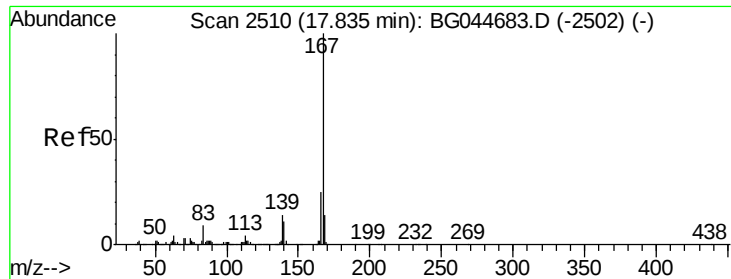
176 20.5 15.7 23.5

179 16.9 12.6 19.0



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: 38.094 ng

RT: 17.84 min Scan# 2510

Delta R.T. 0.00 min

Lab File: BG044701.D

Acq: 9 Mar 2020 13:24

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:167 Resp: 1279065

Ion Ratio Lower Upper

167 100

166 25.3 20.0 30.0

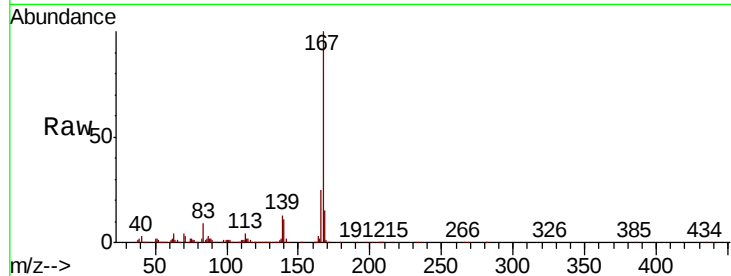
139 13.3 11.3 16.9

Manual Integrations

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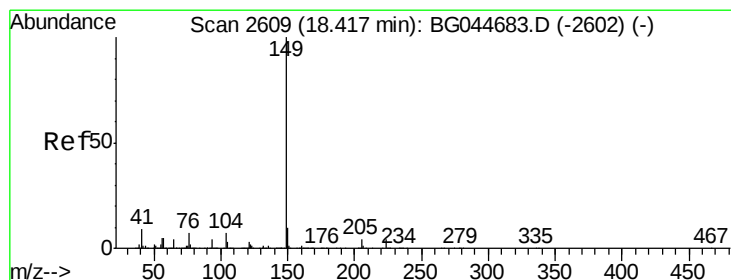
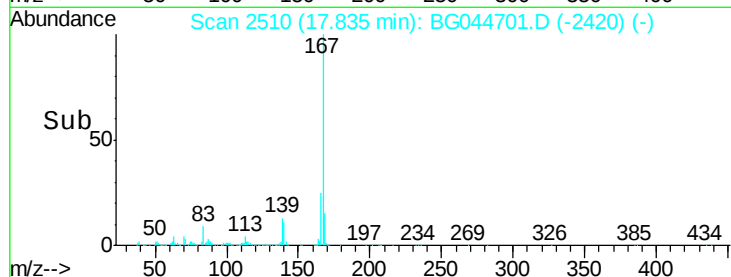
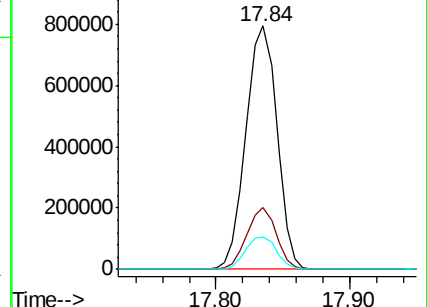
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 37.152 ng

RT: 18.41 min Scan# 2608

Delta R.T. -0.01 min

Lab File: BG044701.D

Acq: 9 Mar 2020 13:24

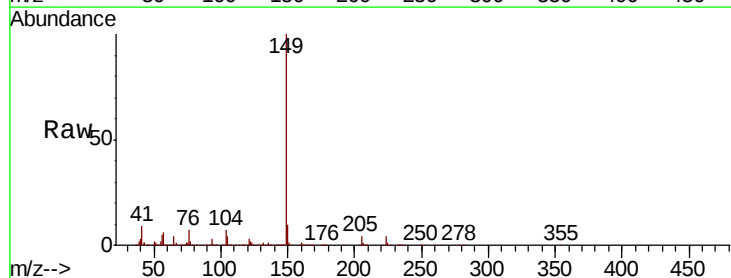
Tgt Ion:149 Resp: 1571097

Ion Ratio Lower Upper

149 100

150 10.3 8.0 12.0

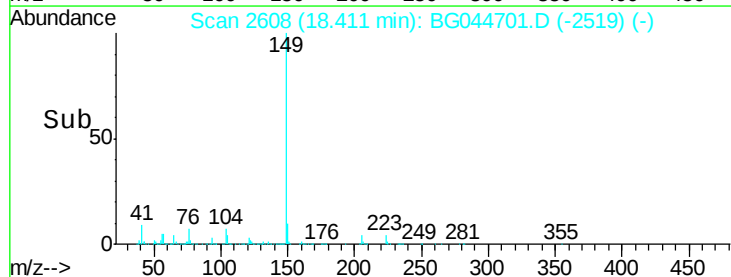
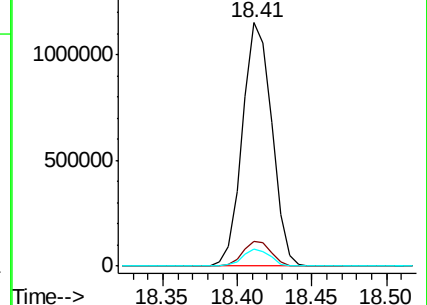
104 6.8 5.5 8.3

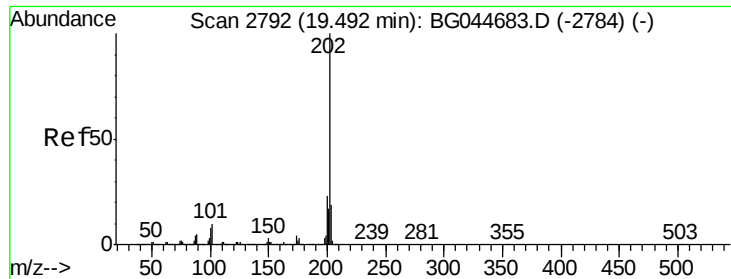


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 37.304 ng

RT: 19.49 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BG044701.D

Acq: 9 Mar 2020 13:24

Instrument :

BNA_G

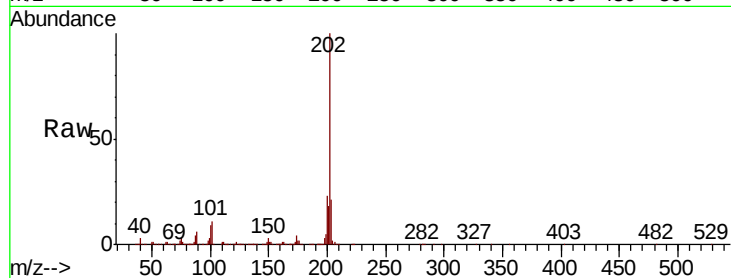
ClientSampleId :

SSTDCCC040

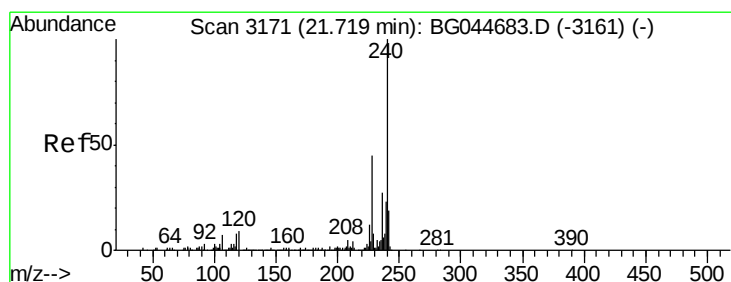
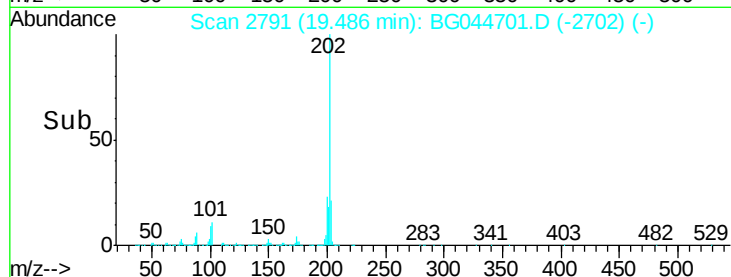
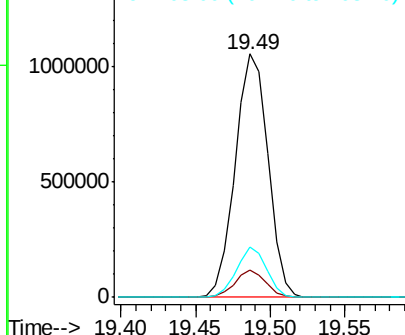
Tot Ion:	202	Resp:	1604857
Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	30.3
203	20.6	0.0	39.1

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

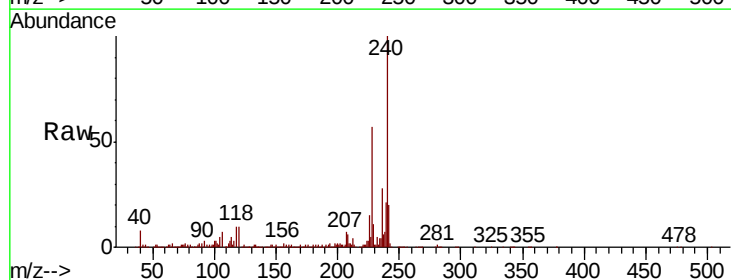
RT: 21.71 min Scan# 3170

Delta R.T. -0.01 min

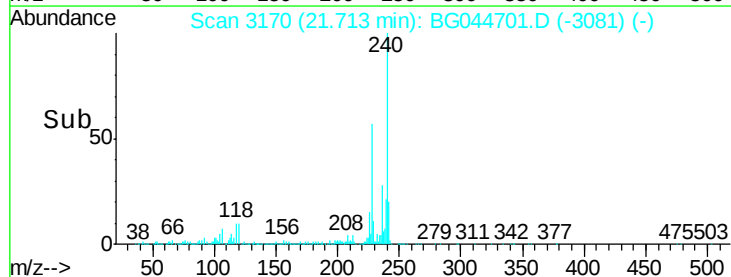
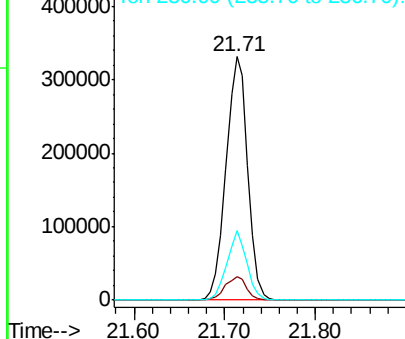
Lab File: BG044701.D

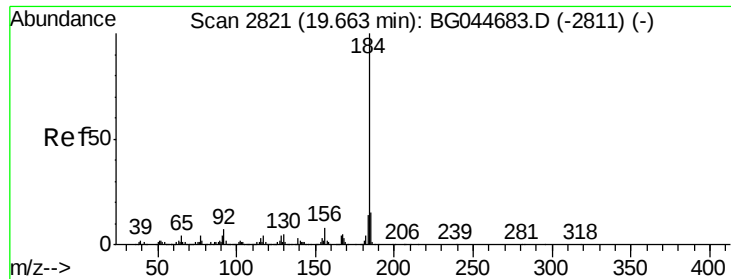
Acq: 9 Mar 2020 13:24

Tgt Ion:	240	Resp:	545098
Ion	Ratio	Lower	Upper
240	100		
120	9.6	7.0	10.6
236	28.4	21.5	32.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.959 ng

RT: 19.66 min Scan# 2821

Delta R.T. 0.00 min

Lab File: BG044701.D

Acq: 9 Mar 2020 13:24

Instrument :

BNA_G

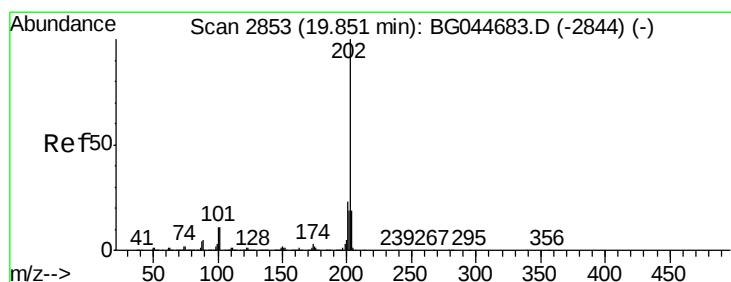
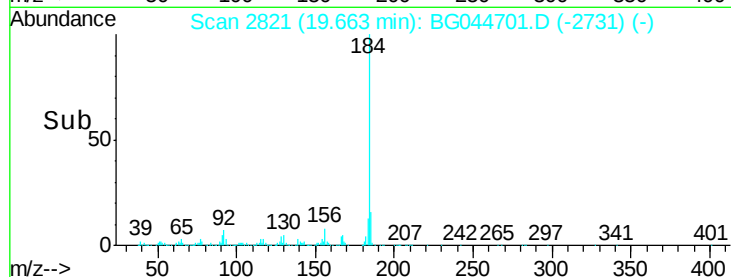
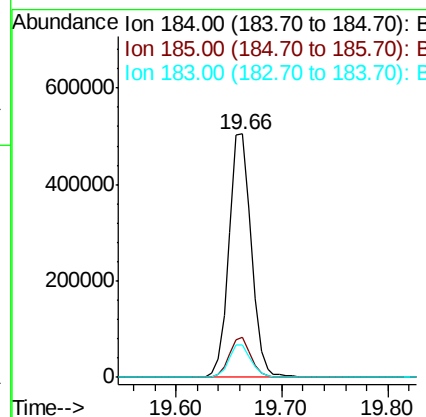
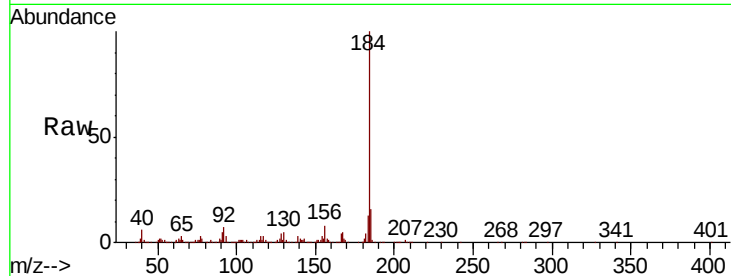
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
185	16.4	12.0	18.0
183	13.3	11.4	17.2

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#78

Pyrene

Concen: 38.762 ng

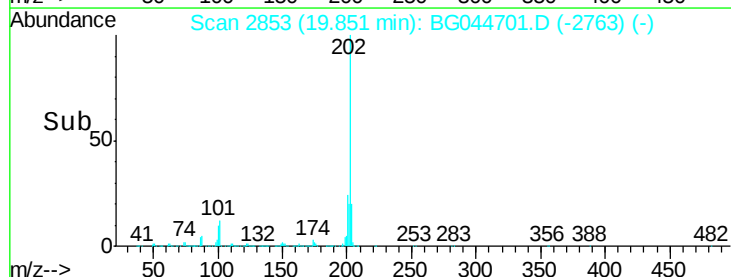
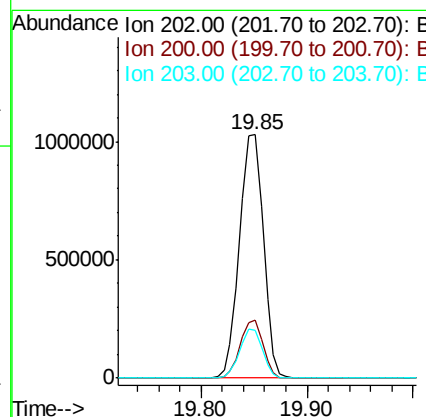
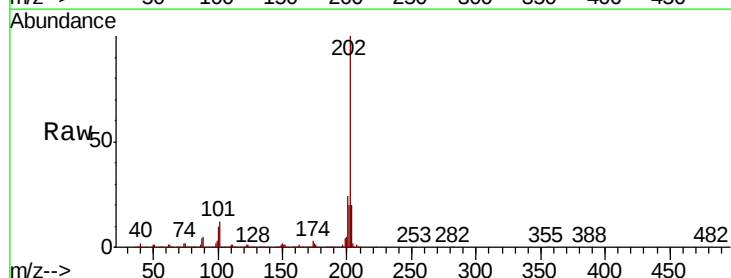
RT: 19.85 min Scan# 2853

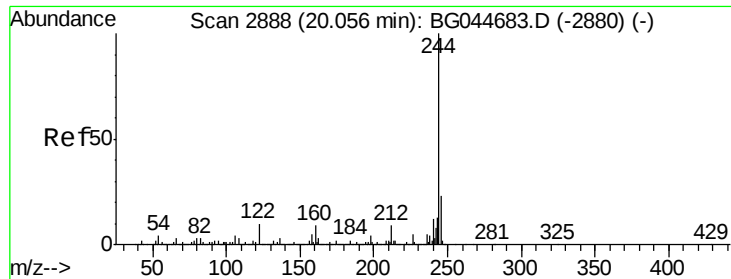
Delta R.T. 0.00 min

Lab File: BG044701.D

Acq: 9 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.9	18.2	27.2
203	19.9	15.2	22.8





#79

Terphenyl-d14

Concen: 74.381 ng

RT: 20.05 min Scan# 2887

Delta R.T. -0.01 min

Lab File: BG044701.D

Acq: 9 Mar 2020 13:24

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 2271396

Ion Ratio Lower Upper

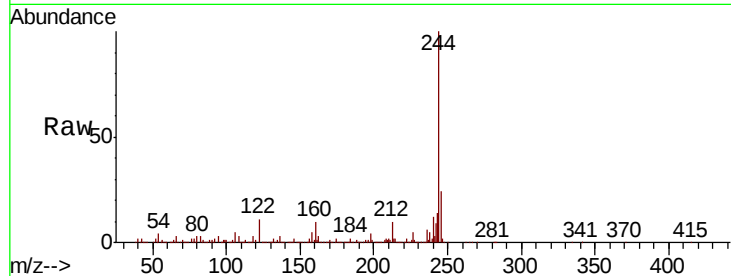
244 100

212 9.7 7.5 11.3

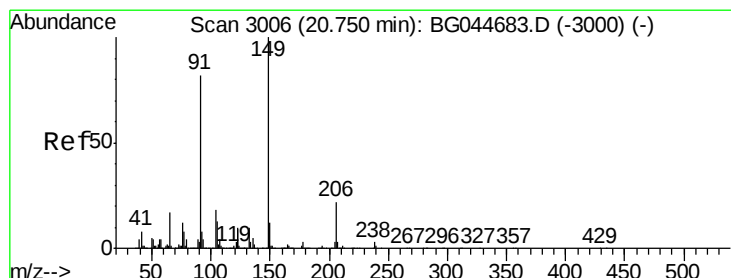
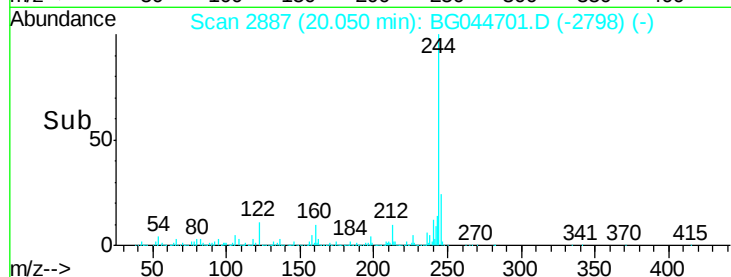
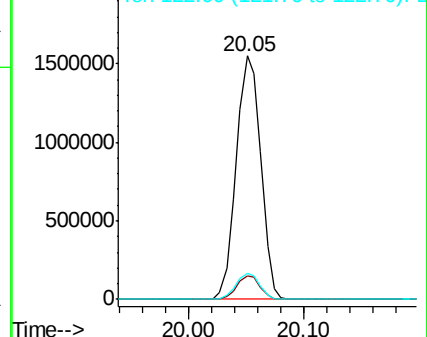
122 10.8 7.7 11.5

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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



#80

Butylbenzylphthalate

Concen: 37.852 ng

RT: 20.74 min Scan# 3005

Delta R.T. -0.01 min

Lab File: BG044701.D

Acq: 9 Mar 2020 13:24

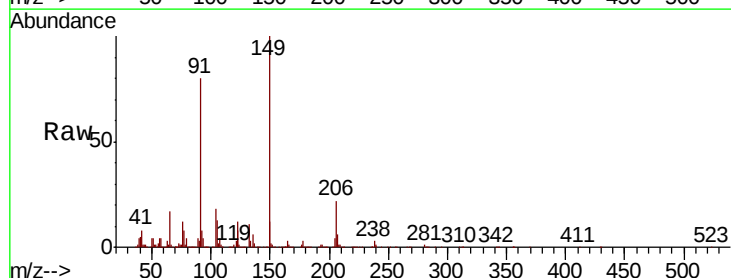
Tgt Ion:149 Resp: 702464

Ion Ratio Lower Upper

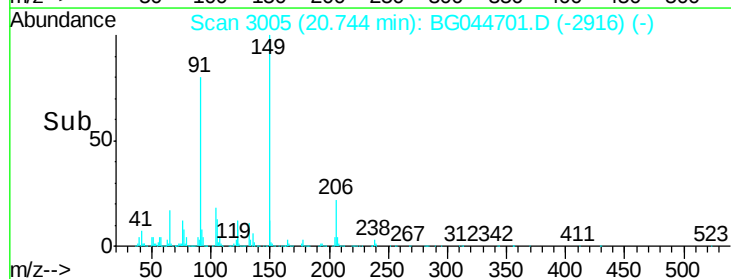
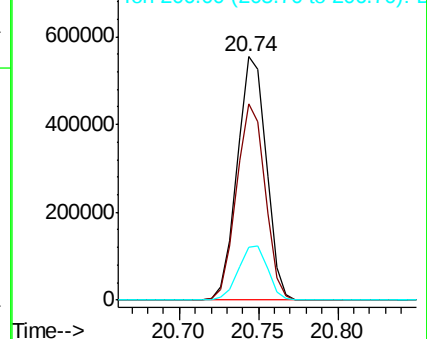
149 100

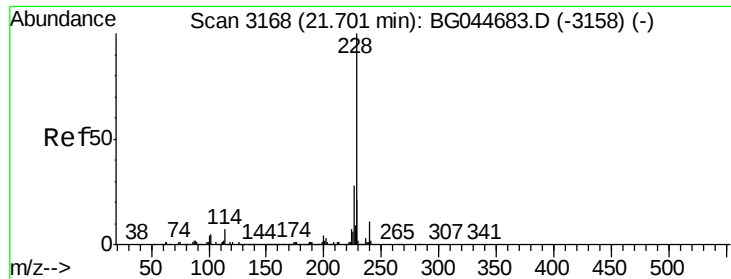
91 80.4 65.7 98.5

206 21.9 17.3 25.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





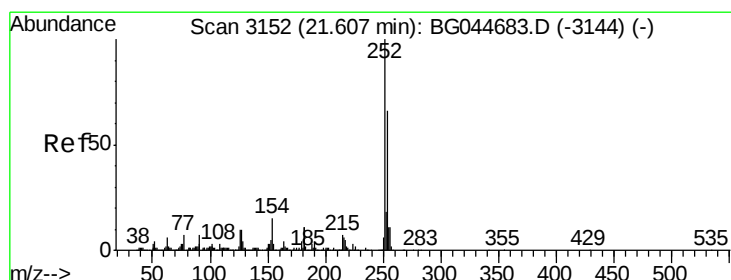
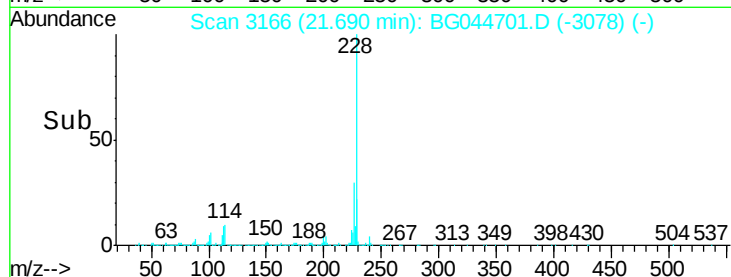
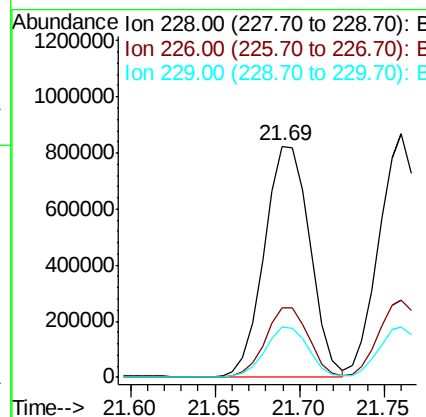
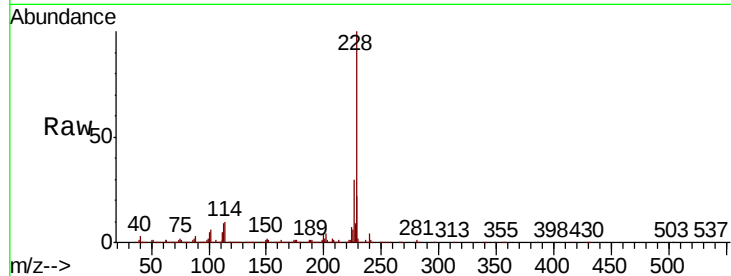
#81
Benzo(a)anthracene
Concen: 37.671 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG044701.D
Acq: 9 Mar 2020 13:24

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.8	34.2
229	21.6	17.0	25.6

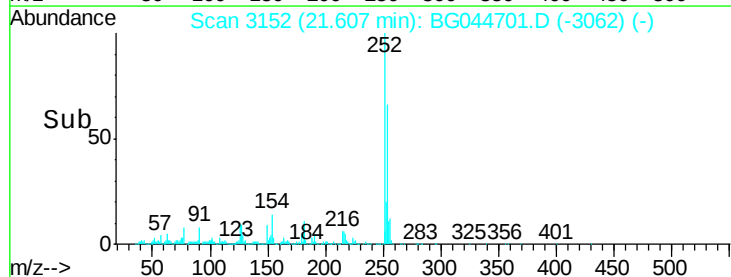
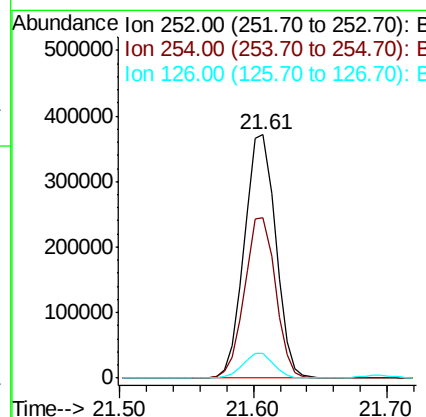
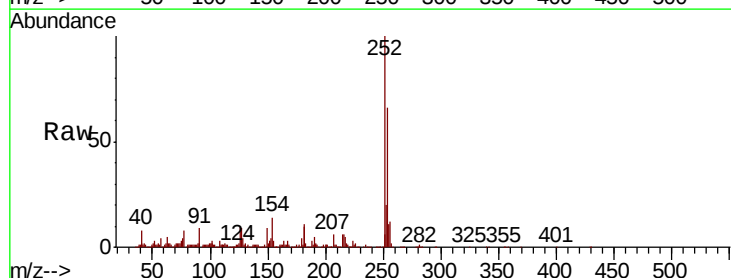
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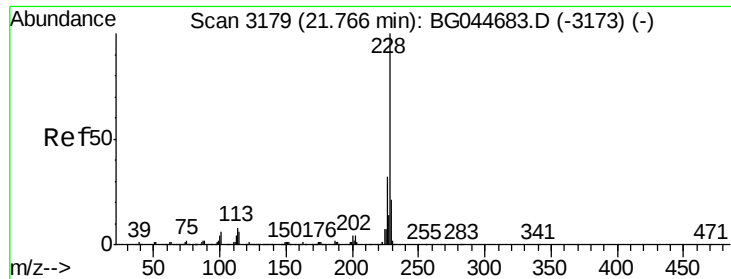
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 37.088 ng
RT: 21.61 min Scan# 3152
Delta R.T. 0.00 min
Lab File: BG044701.D
Acq: 9 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.8	52.6	79.0
126	10.0	7.8	11.6





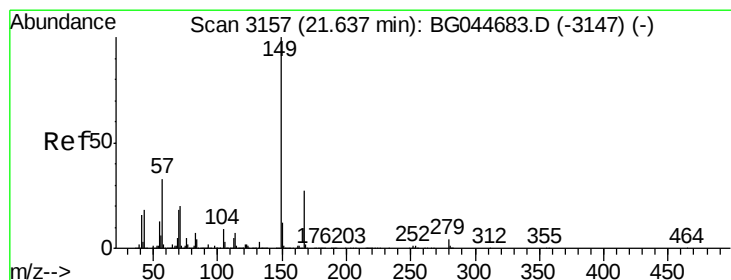
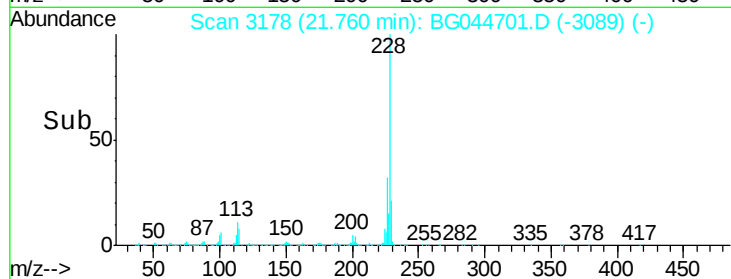
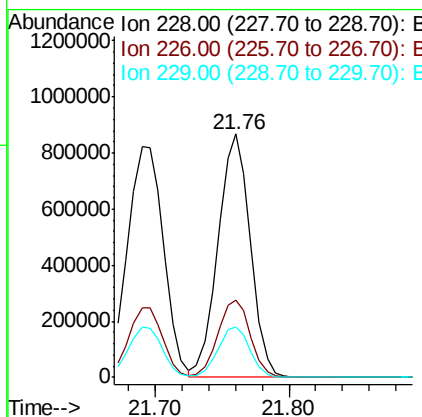
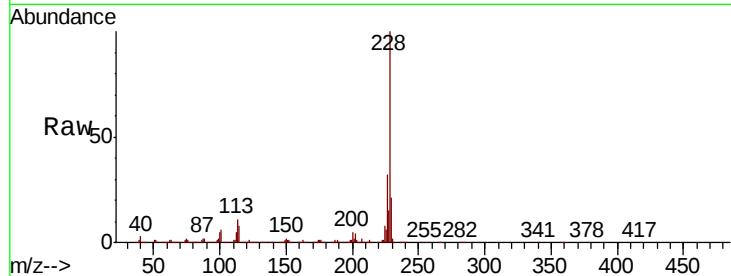
#83
 Chrvsene
 Concen: 37.800 ng
 RT: 21.76 min Scan# 3178
 Delta R.T. -0.01 min
 Lab File: BG044701.D
 Acq: 9 Mar 2020 13:24

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.8	38.6
229	20.8	16.6	25.0

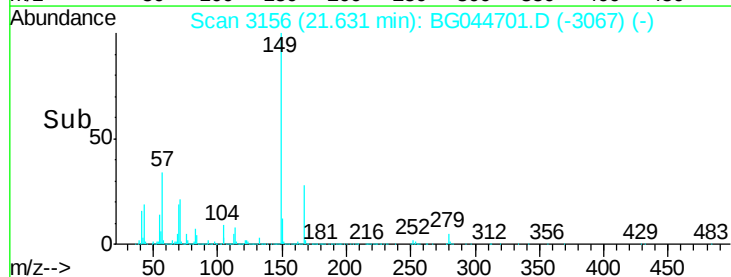
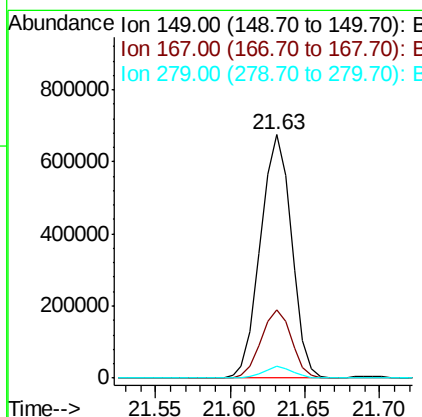
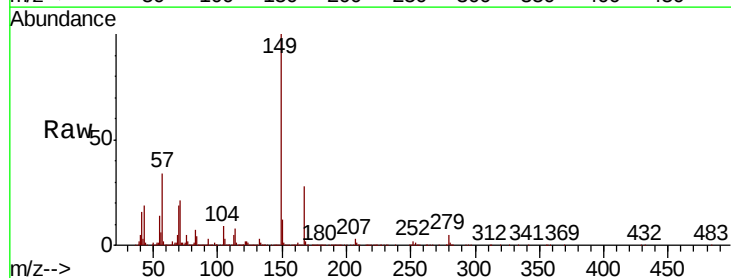
Manual Integrations
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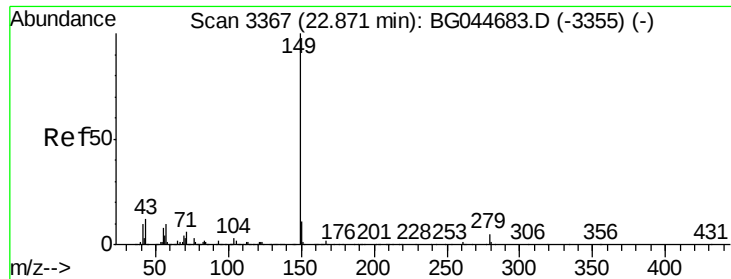
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.501 ng
 RT: 21.63 min Scan# 3156
 Delta R.T. -0.01 min
 Lab File: BG044701.D
 Acq: 9 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.3	31.9
279	4.9	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 36.643 ng

RT: 22.86 min Scan# 3365

Delta R.T. -0.01 min

Lab File: BG044701.D

Acq: 9 Mar 2020 13:24

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1628513

Ion Ratio Lower Upper

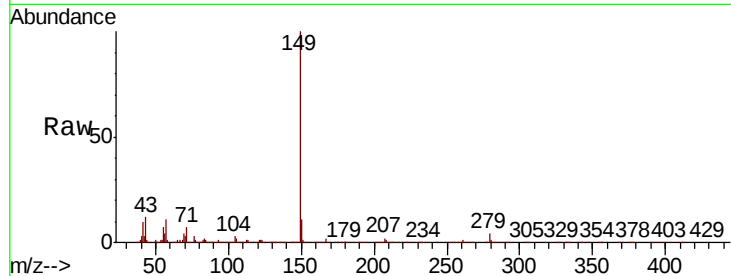
149 100

167 1.8 1.3 1.9

43 11.7 9.5 14.3

Manual Integrations
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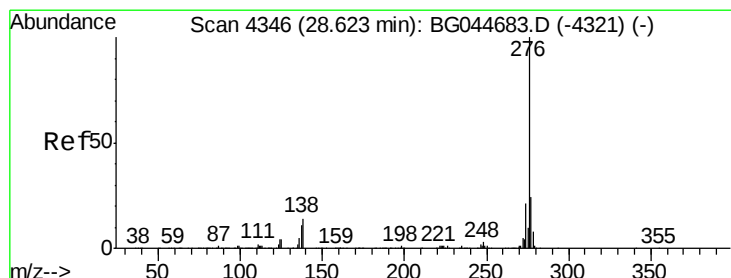
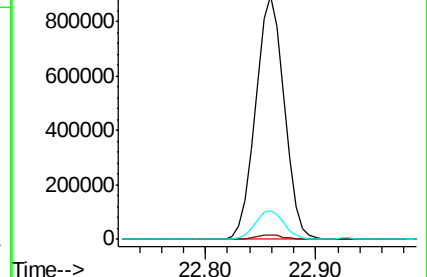
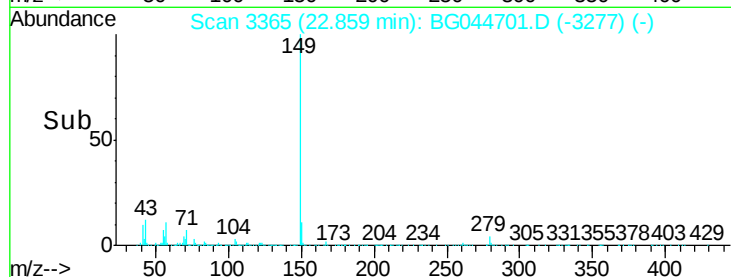
mohammad
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.152 ng

RT: 28.60 min Scan# 4342

Delta R.T. -0.02 min

Lab File: BG044701.D

Acq: 9 Mar 2020 13:24

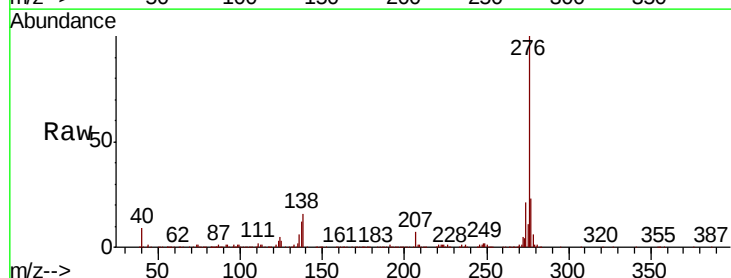
Tgt Ion:276 Resp: 1909133

Ion Ratio Lower Upper

276 100

138 15.3 9.5 14.3#

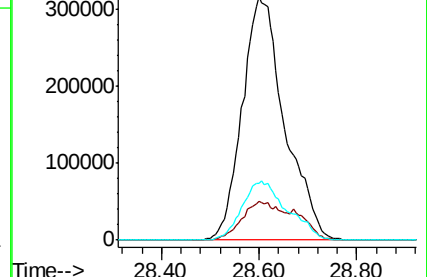
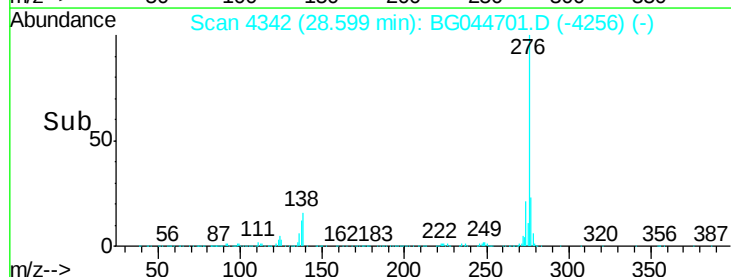
277 25.8 20.6 30.8

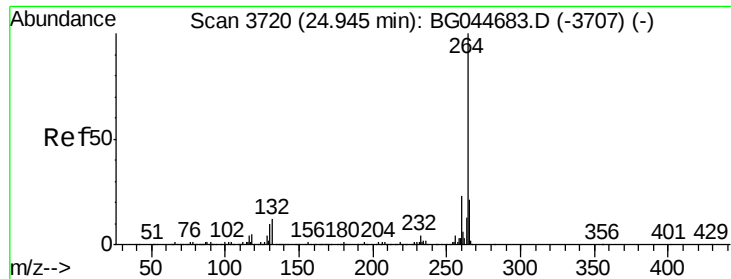


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





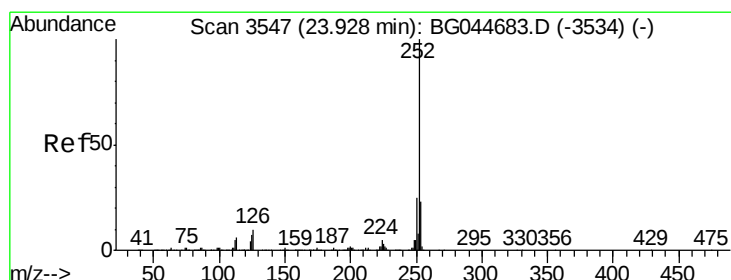
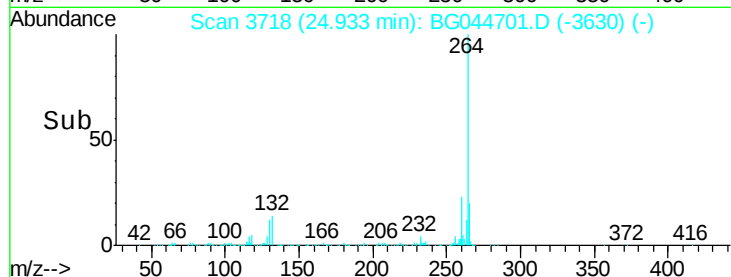
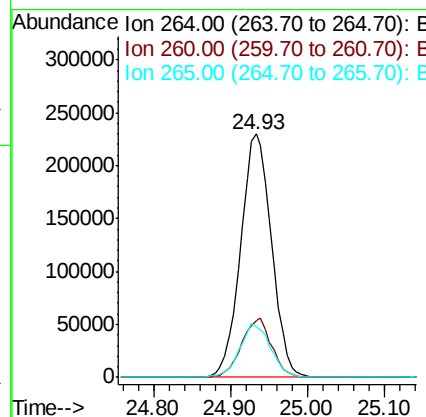
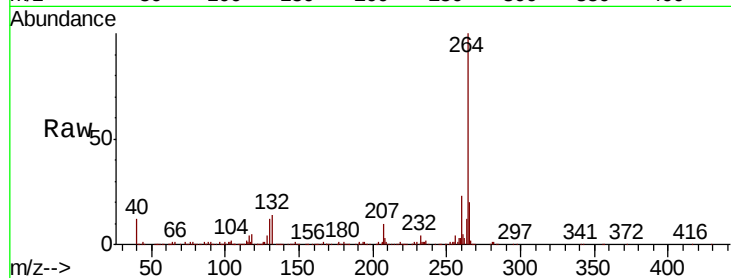
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3718
Delta R.T. -0.01 min
Lab File: BG044701.D
Acq: 9 Mar 2020 13:24

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.4	27.6
265	20.4	16.9	25.3

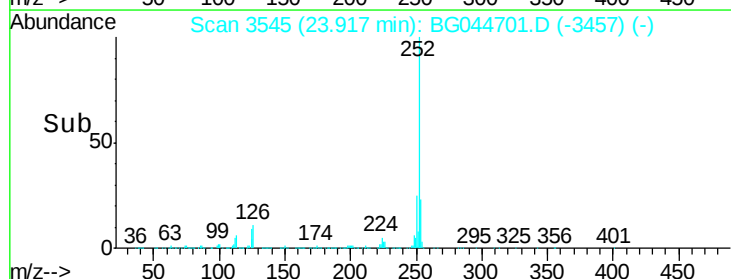
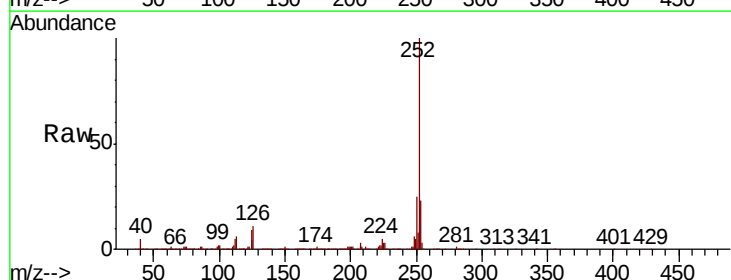
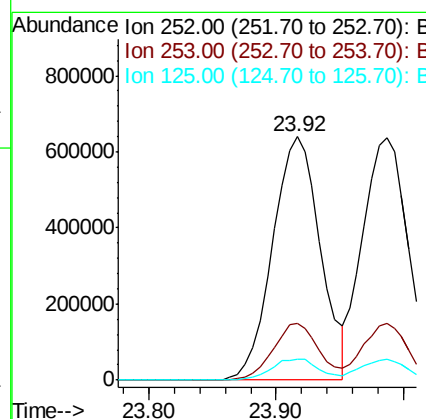
Manual Integrations
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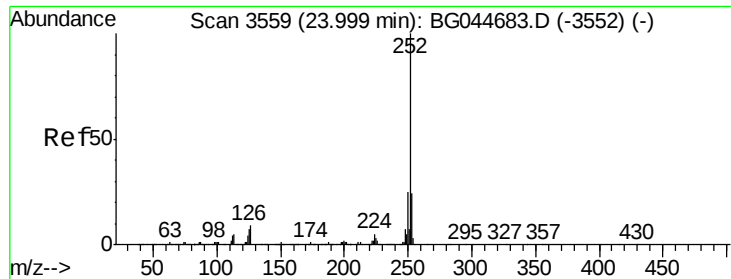
mohammad
3/10/2020 2:43:43 PM



#88
Benzo(b)fluoranthene
Concen: 38.288 ng
RT: 23.92 min Scan# 3545
Delta R.T. -0.01 min
Lab File: BG044701.D
Acq: 9 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.1	27.1
125	8.7	5.6	8.4





#89

Benzo(k)fluoranthene

Concen: 38.473 ng m

RT: 23.99 min Scan# 3557

Delta R.T. -0.01 min

Lab File: BG044701.D

Acq: 9 Mar 2020 13:24

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 1580730

Ion Ratio Lower Upper

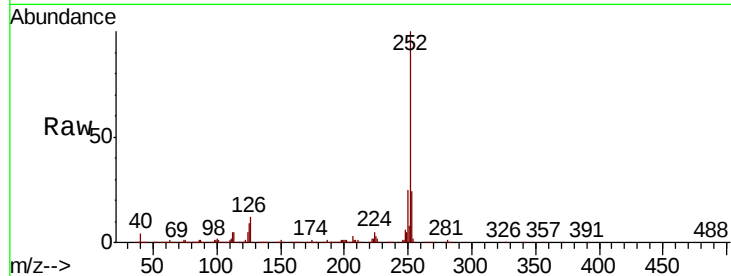
252 100

253 23.5 18.5 27.7

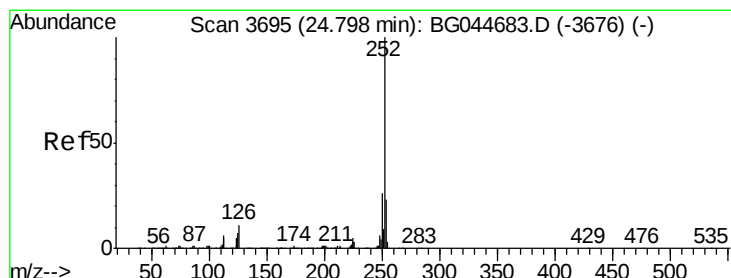
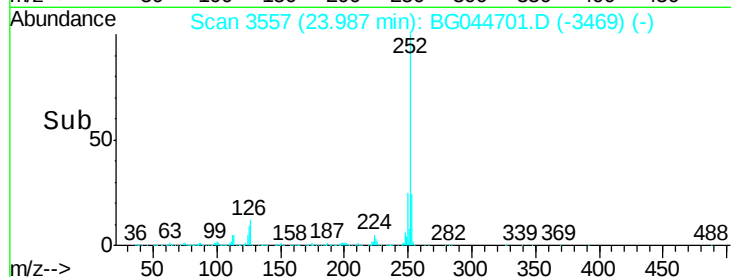
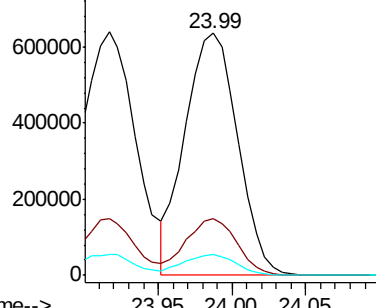
125 8.8 5.8 8.8#

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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



#90

Benzo(a)pyrene

Concen: 38.135 ng

RT: 24.78 min Scan# 3692

Delta R.T. -0.02 min

Lab File: BG044701.D

Acq: 9 Mar 2020 13:24

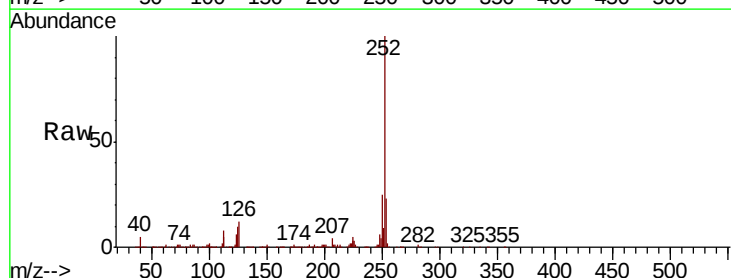
Tgt Ion:252 Resp: 1556830

Ion Ratio Lower Upper

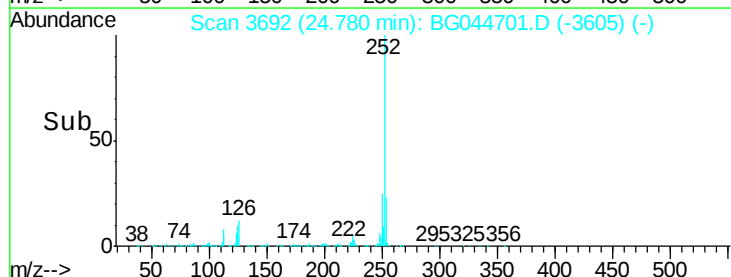
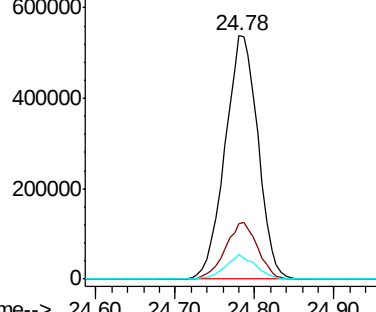
252 100

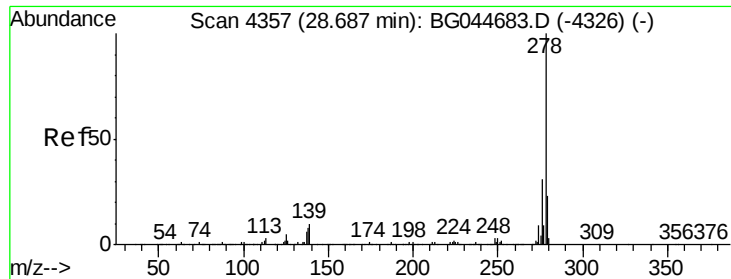
253 22.9 18.4 27.6

125 9.9 6.0 9.0#



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





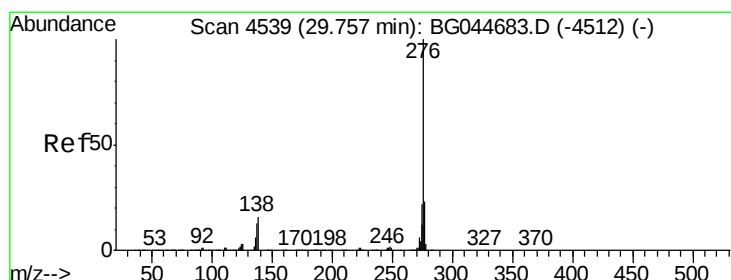
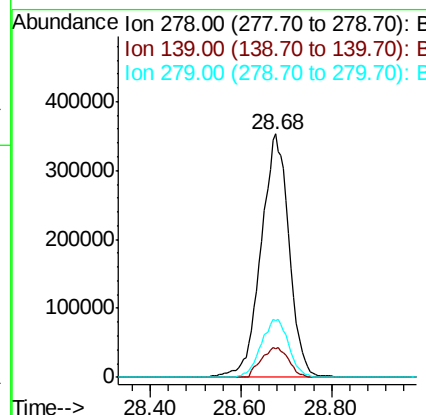
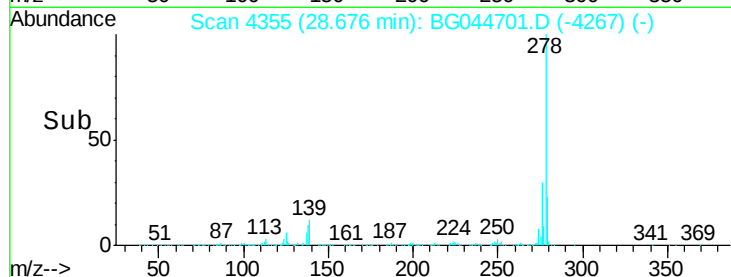
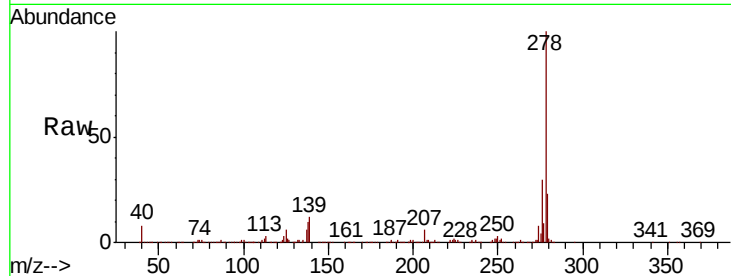
#91
Dibenzo(a,h)anthracene
Concen: 37.243 ng
RT: 28.68 min Scan# 4355
Delta R.T. -0.01 min
Lab File: BG044701.D
Acq: 9 Mar 2020 13:24

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 1516075
Ion Ratio Lower Upper
278 100
139 12.0 8.4 12.6
279 23.0 18.2 27.2

Manual Integrations
APPROVED

mohammad
3/10/2020 2:43:43 PM



#92
Benzo(g,h,i)perylene
Concen: 37.291 ng
RT: 29.74 min Scan# 4536
Delta R.T. -0.02 min
Lab File: BG044701.D
Acq: 9 Mar 2020 13:24

Tgt Ion:276 Resp: 1520580
Ion Ratio Lower Upper
276 100
277 23.9 18.7 28.1
138 17.4 12.7 19.1

