

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031020\
 Data File : BG044714.D
 Acq On : 10 Mar 2020 14:25
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

mohammad
 3/11/2020 4:56:55 PM

Quant Time: Mar 10 15:48:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 14:03:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	104042	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	388742	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	258600	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	566467	20.00	ng	0.00
76) Chrysene-d12	21.71	240	480303	20.00	ng	0.00
87) Perylene-d12	24.93	264	581306	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	1017684	146.90	ng	0.00
7) Phenol-d6	7.21	99	1469958	140.38	ng	0.00
23) Nitrobenzene-d5	9.22	82	1433224	167.86	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	548633	154.45	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	2666672	143.65	ng	0.00
79) Terphenyl-d14	20.06	244	3502665	130.17	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	246728	74.301	ng	98
3) Pyridine	3.93	79	750036m	72.849	ng	
4) n-Nitrosodimethylamine	3.83	42	296723	68.132	ng	95
6) Aniline	7.38	93	923867	70.428	ng	98
8) 2-Chlorophenol	7.62	128	514870	73.329	ng	99
9) Benzaldehyde	7.19	77	352917	57.420	ng	97
10) Phenol	7.24	94	735435	71.296	ng	97
11) bis(2-Chloroethyl)ether	7.48	93	576773	72.770	ng	97
12) 1,3-Dichlorobenzene	7.95	146	622449	74.542	ng	97
13) 1,4-Dichlorobenzene	8.09	146	613873	73.584	ng	99
14) 1,2-Dichlorobenzene	8.42	146	581025	73.679	ng	97
15) Benzyl Alcohol	8.29	79	604622	66.929	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	1019482	68.081	ng	99
17) 2-Methylphenol	8.49	107	496328	70.223	ng	93
18) Hexachloroethane	9.15	117	249155	74.464	ng	98
19) n-Nitroso-di-n-propylamine	8.88	70	517380	66.137	ng	97
20) 3+4-Methylphenols	8.83	107	686990	69.772	ng	99
22) Acetophenone	8.88	105	862450	75.997	ng	# 97
24) Nitrobenzene	9.26	77	755675	83.478	ng	98
25) Isophorone	9.79	82	1360228	72.243	ng	98
26) 2-Nitrophenol	9.97	139	268551	90.720	ng	96
27) 2,4-Dimethylphenol	10.03	122	455558	77.119	ng	98
28) bis(2-Chloroethoxy)methane	10.27	93	800810	75.547	ng	99
29) 2,4-Dichlorophenol	10.51	162	533969	79.445	ng	97
30) 1,2,4-Trichlorobenzene	10.73	180	623765	79.894	ng	97
31) Naphthalene	10.92	128	1668689	76.489	ng	98
32) Benzoic acid	10.21	122	399531	96.440	ng	96
33) 4-Chloroaniline	11.02	127	762839	75.918	ng	98
34) Hexachlorobutadiene	11.22	225	415653	77.923	ng	98
35) Caprolactam	11.81	113	208452m	74.295	ng	
36) 4-Chloro-3-methylphenol	12.14	107	625796	73.520	ng	97
37) 2-Methylnaphthalene	12.52	142	1248766	75.852	ng	97
38) 1-Methylnaphthalene	12.74	142	1174705	75.479	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	669357	79.733	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031020\
 Data File : BG044714.D
 Acq On : 10 Mar 2020 14:25
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

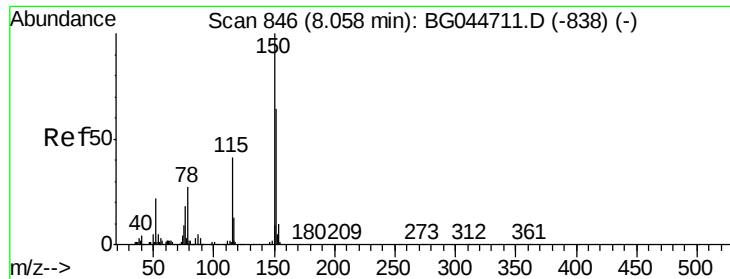
Manual Integrations
 APPROVED

mohammad
 3/11/2020 4:56:55 PM

Quant Time: Mar 10 15:48:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 14:03:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	399308	81.341	nq	98
43) 2,4,6-Trichlorophenol	13.12	196	462821	79.524	nq	96
44) 2,4,5-Trichlorophenol	13.19	196	477577	80.016	nq	98
46) 1,1'-Biphenyl	13.53	154	1584790	77.051	nq	95
47) 2-Chloronaphthalene	13.57	162	1231613	78.501	nq	98
48) 2-Nitroaniline	13.76	65	482398	91.167	nq	98
49) Acenaphthylene	14.42	152	1893934	75.348	nq	97
50) Dimethylphthalate	14.15	163	1575903	73.302	nq	99
51) 2,6-Dinitrotoluene	14.26	165	352591	91.272	nq	98
52) Acenaphthene	14.76	154	1282851	78.931	nq	98
53) 3-Nitroaniline	14.59	138	392817	88.235	nq	96
54) 2,4-Dinitrophenol	14.79	184	177134	98.757	nq	# 74
55) Dibenzofuran	15.09	168	1793677	73.652	nq	95
56) 4-Nitrophenol	14.89	139	312763	90.292	nq	97
57) 2,4-Dinitrotoluene	15.04	165	492354	95.384	nq	95
58) Fluorene	15.74	166	1465041	72.733	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.31	232	444167m	78.191	nq	
60) Diethylphthalate	15.52	149	1658719	72.165	nq	99
61) 4-Chlorophenyl-phenylether	15.74	204	810882	74.190	nq	98
62) 4-Nitroaniline	15.76	138	415685	84.772	nq	98
63) Azobenzene	16.03	77	1706848	70.960	nq	96
65) 4,6-Dinitro-2-methylphenol	15.81	198	230788	99.726	nq	98
66) n-Nitrosodiphenylamine	15.95	169	1324421	76.469	nq	98
67) 4-Bromophenyl-phenylether	16.63	248	566166	79.248	nq	98
68) Hexachlorobenzene	16.75	284	608838	78.924	nq	97
69) Atrazine	16.90	200	457897	68.412	nq	100
70) Pentachlorophenol	17.09	266	362556	82.825	nq	97
71) Phenanthrene	17.48	178	2309506	74.354	nq	95
72) Anthracene	17.58	178	2259107	73.844	nq	97
73) Carbazole	17.84	167	2177070	74.306	nq	96
74) Di-n-butylphthalate	18.41	149	2624361	71.122	nq	96
75) Fluoranthene	19.49	202	2672312	71.186	nq	96
77) Benzdine	19.66	184	1227460	64.020	nq	96
78) Pyrene	19.85	202	2652266m	72.397	nq	
80) Butylbenzylphthalate	20.74	149	1310345	80.133	nq	93
81) Benzo(a)anthracene	21.70	228	2666667	74.035	nq	94
82) 3,3'-Dichlorobenzidine	21.61	252	1073128	74.829	nq	97
83) Chrysene	21.77	228	2534842	73.937	nq	94
84) Bis(2-ethylhexyl)phthalate	21.63	149	1723964	75.600	nq	# 96
85) Di-n-octyl phthalate	22.85	149	2914302	74.420	nq	97
86) Indeno(1,2,3-cd)pyrene	28.61	276	3564957	78.734	nq	99
88) Benzo(b)fluoranthene	23.92	252	3017101	76.260	nq	98
89) Benzo(k)fluoranthene	23.99	252	2779728	74.956	nq	95
90) Benzo(a)pyrene	24.79	252	2836416	76.976	nq	98
91) Dibenzo(a,h)anthracene	28.69	278	2806382	76.378	nq	99
92) Benzo(g,h,i)perylene	29.77	276	2860451	77.720	nq	99

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



#1

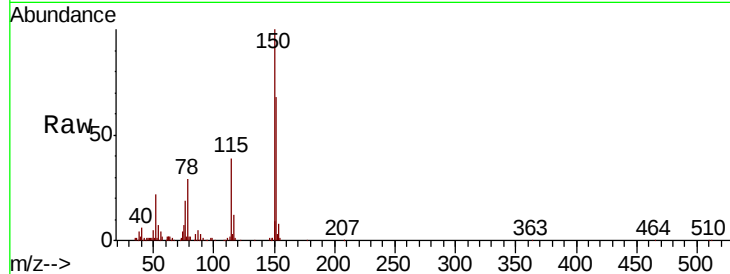
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

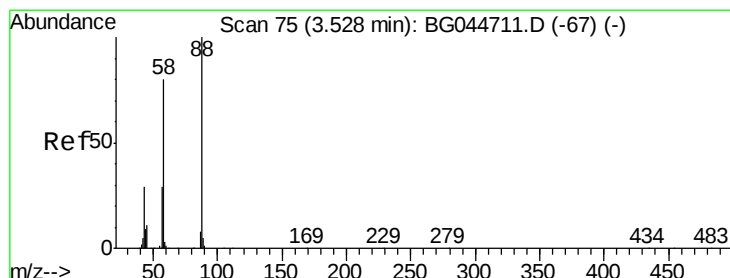
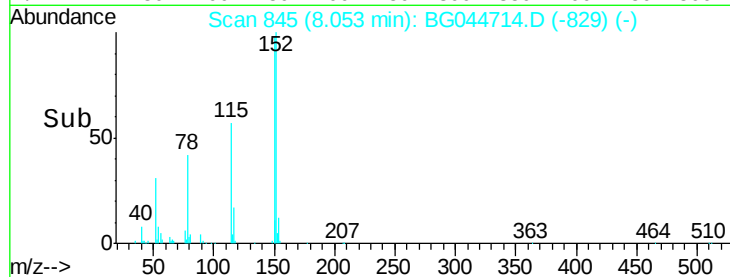
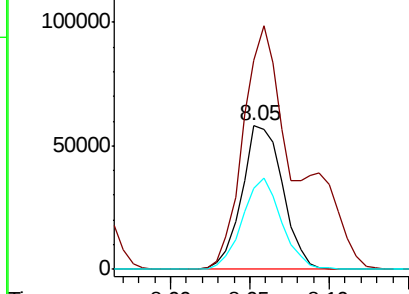
Tot Ion	Ratio	Lower	Upper
152	100		
150	146.1	125.3	187.9
115	56.9	51.7	77.5

Manual Integrations
APPROVED

mohammad
3/11/2020 4:56:55 PM



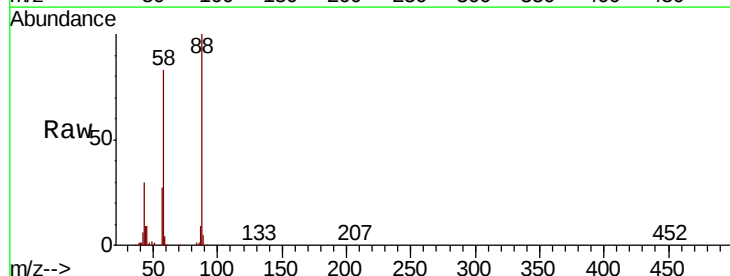
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



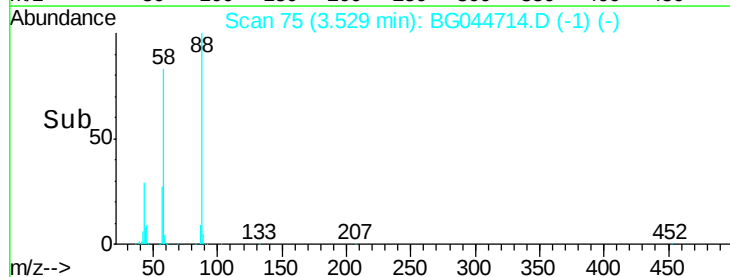
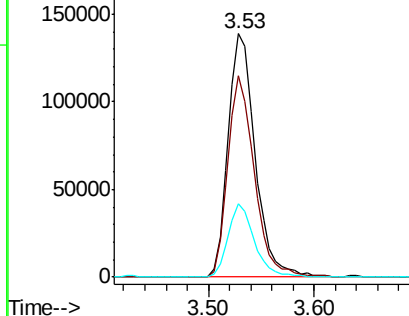
#2

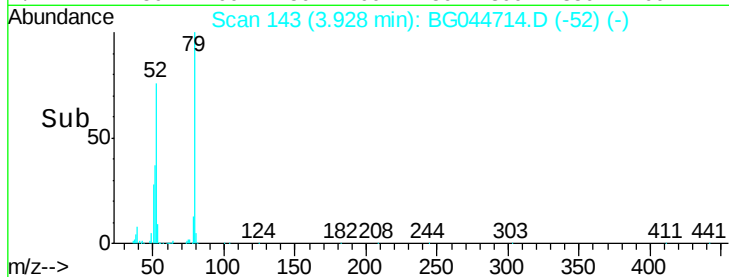
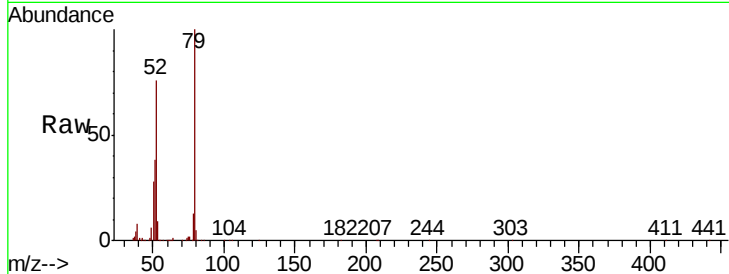
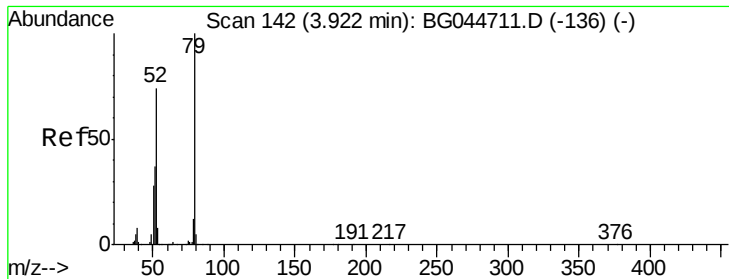
1,4-Dioxane
Concen: 74.301 ng
RT: 3.53 min Scan# 75
Delta R.T. 0.00 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.4	63.0	94.4
43	29.4	23.2	34.8



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 72.849 ng/ml

RT: 3.93 min Scan# 143

Delta R.T. 0.01 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

Tot Ion:	79	Resp:	750036
Ion	Ratio	Lower	Upper
79	100		
52	76.2	59.4	89.2
51	37.7	29.7	44.5

Instrument :

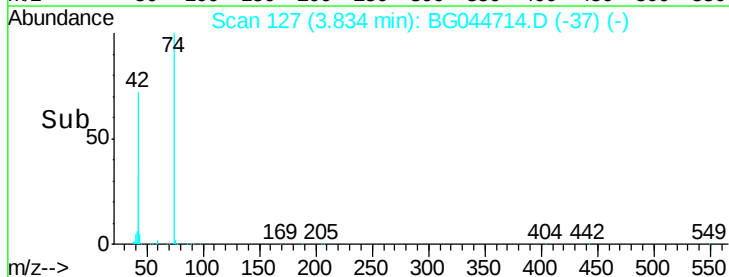
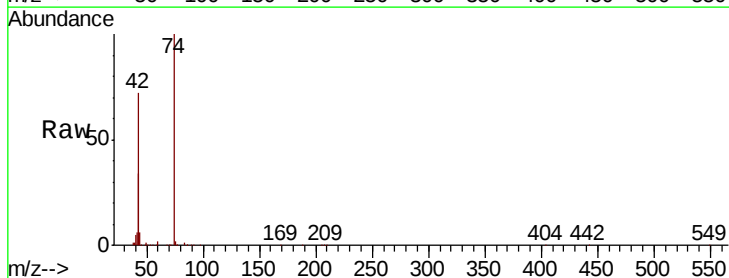
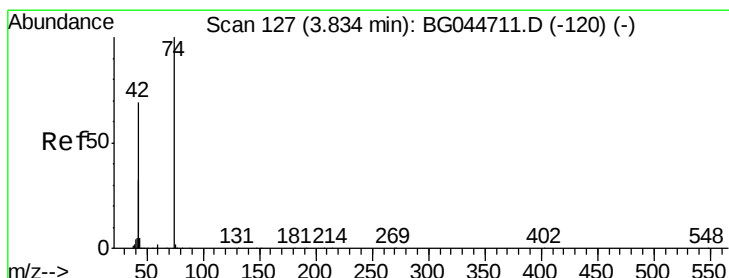
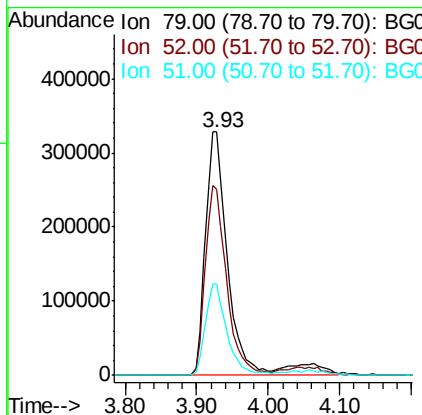
BNA_G

ClientSampleId :

SSTDICC080

Manual Integrations
APPROVED

mohammad
3/11/2020 4:56:55 PM



#4

n-Nitrosodimethylamine

Concen: 68.132 ng/ml

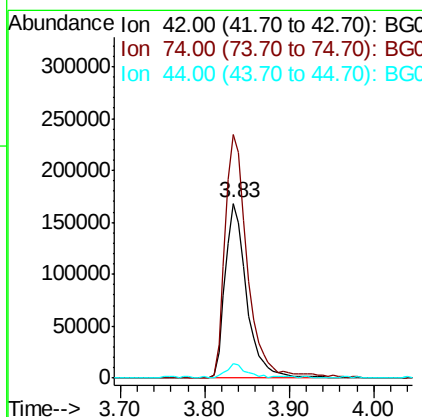
RT: 3.83 min Scan# 127

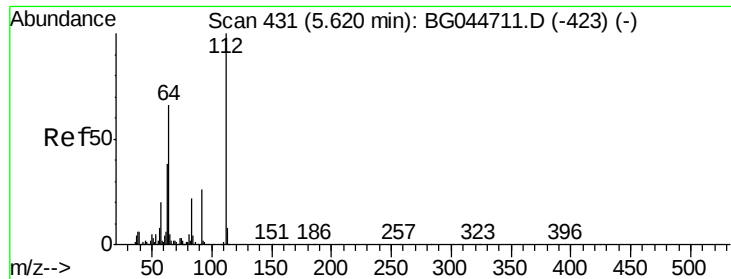
Delta R.T. 0.00 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

Tgt Ion:	42	Resp:	296723
Ion	Ratio	Lower	Upper
42	100		
74	139.4	116.1	174.1
44	8.0	7.1	10.7





#5

2-Fluorophenol

Concen: 146.901 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tot Ion:112 Resp: 1017684

Ion Ratio Lower Upper

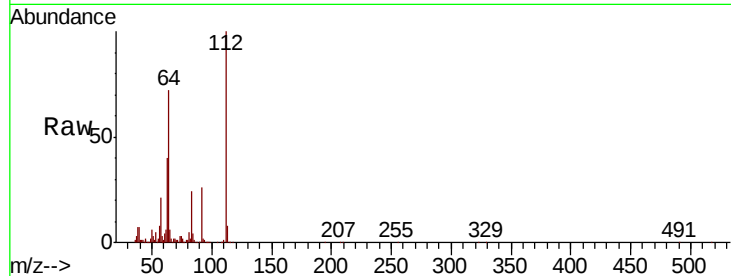
112 100

64 71.5 52.6 78.8

63 39.9 30.2 45.4

Manual Integrations
APPROVED

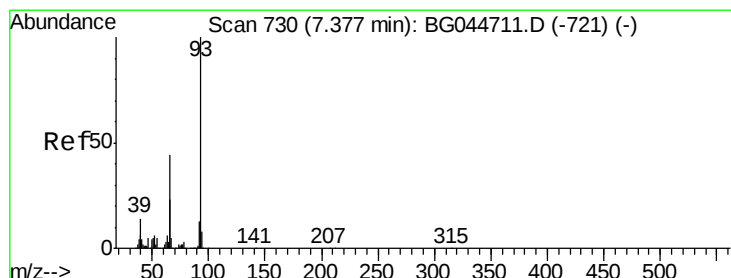
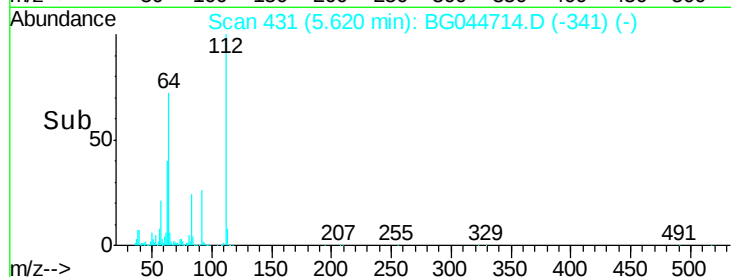
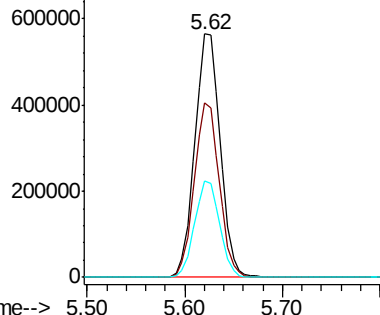
mohammad
3/11/2020 4:56:55 PM



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 70.428 ng

RT: 7.38 min Scan# 731

Delta R.T. 0.01 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

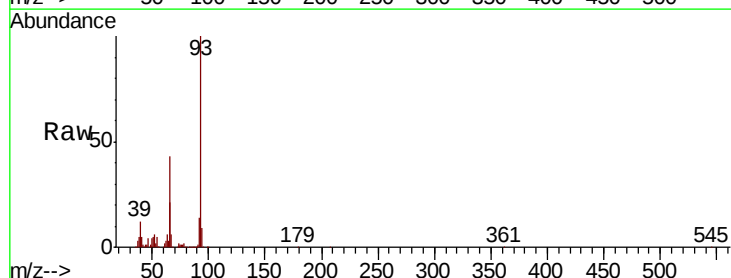
Tgt Ion: 93 Resp: 923867

Ion Ratio Lower Upper

93 100

66 42.8 35.3 52.9

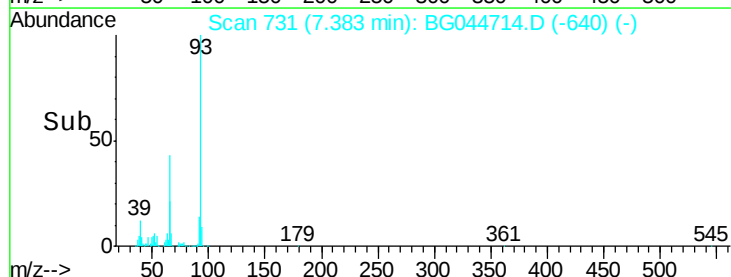
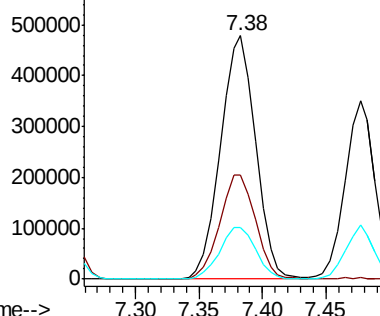
65 21.2 18.2 27.4

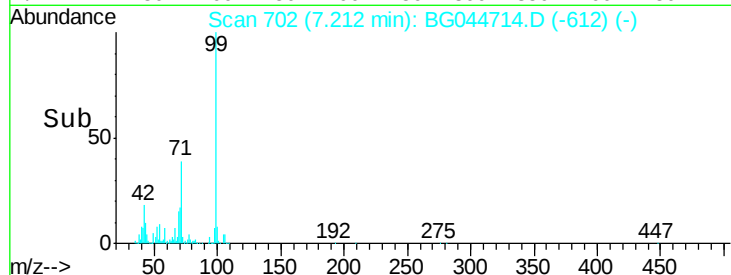
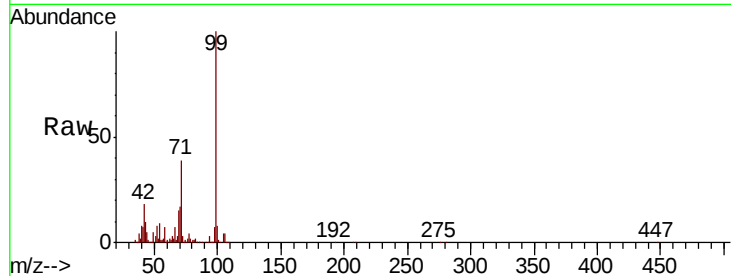
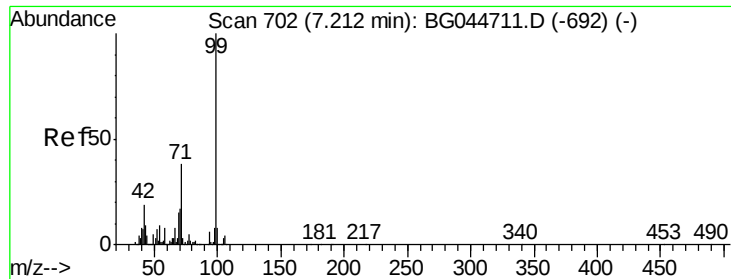


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 140.377 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

Tot Ion:	99	Resp:	1469958
Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.4	23.0
71	38.8	30.2	45.4

Instrument :

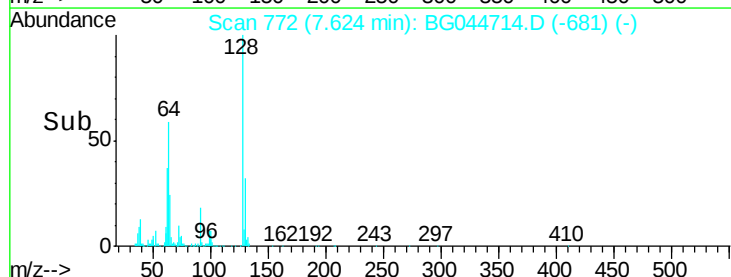
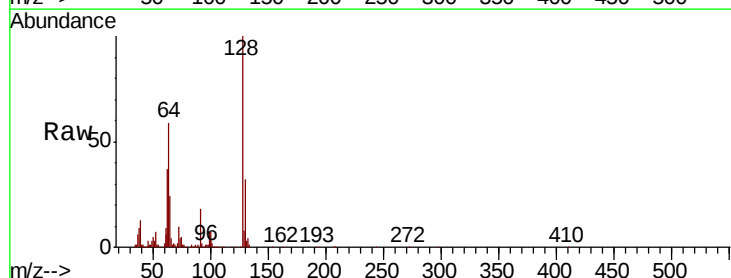
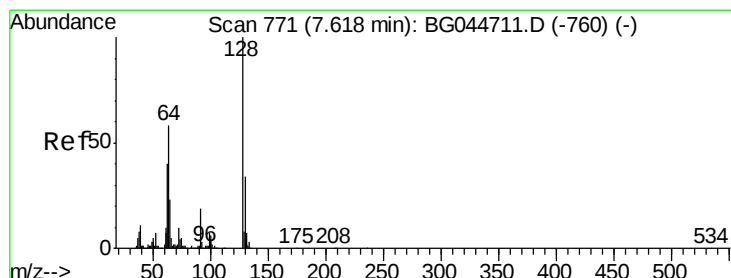
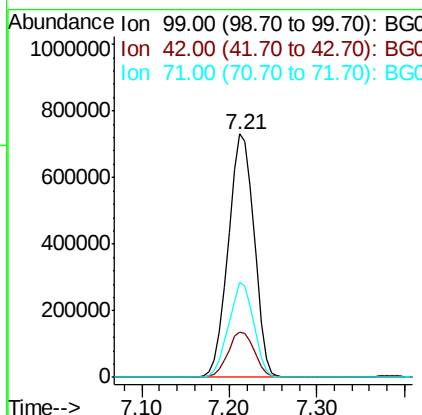
BNA_G

ClientSampleId :

SSTDIC080

Manual Integrations
APPROVED

mohammad
3/11/2020 4:56:55 PM



#8

2-Chlorophenol

Concen: 73.329 ng

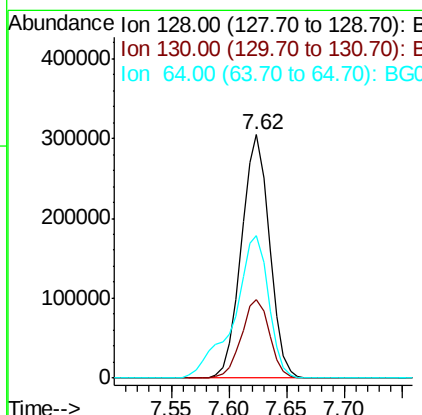
RT: 7.62 min Scan# 772

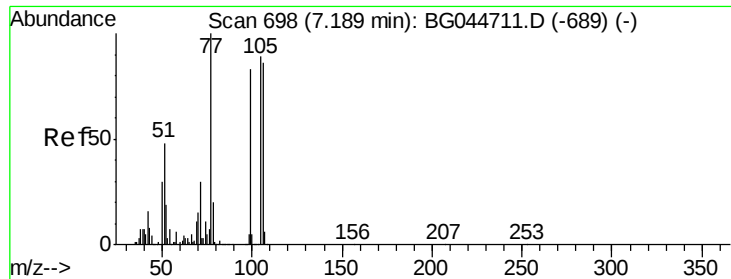
Delta R.T. 0.01 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

Tgt Ion:	128	Resp:	514870
Ion	Ratio	Lower	Upper
128	100		
130	32.1	13.6	53.6
64	58.5	38.6	78.6





#9

Benzaldehyde

Concen: 57.420 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

Instrument :

BNA_G

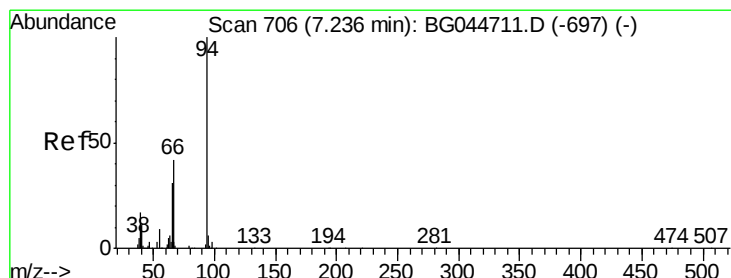
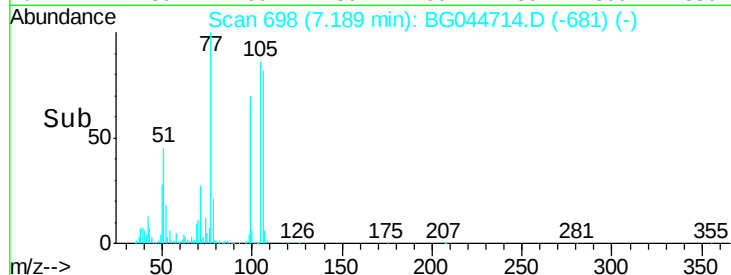
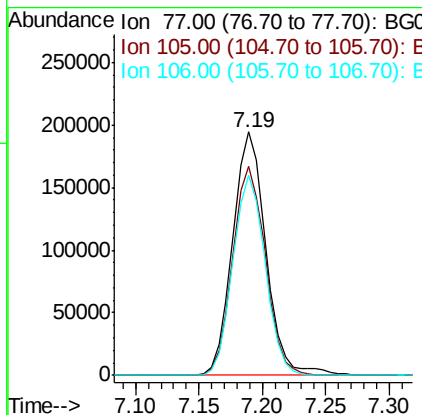
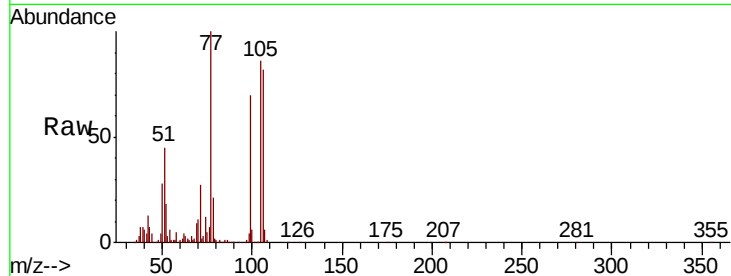
ClientSampleID :

SSTDIC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	86.1	68.6	108.6		
106	82.0	65.9	105.9		

Manual Integrations
APPROVED

mohammad
3/11/2020 4:56:55 PM



#10

Phenol

Concen: 71.296 ng

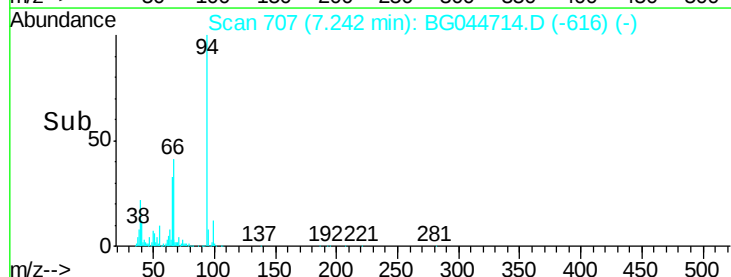
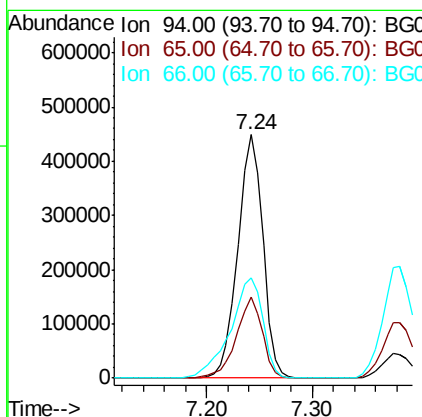
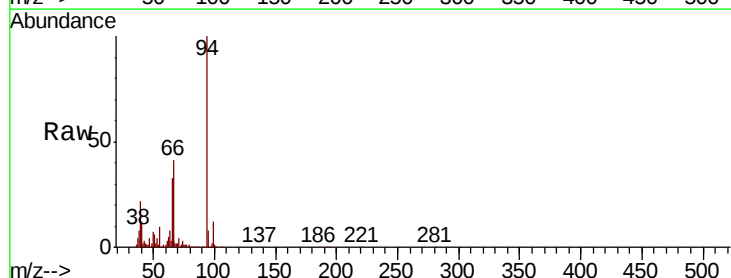
RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	33.2	11.3	51.3		
66	41.3	22.9	62.9		





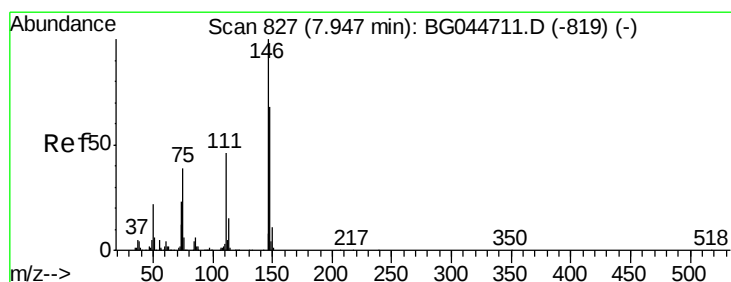
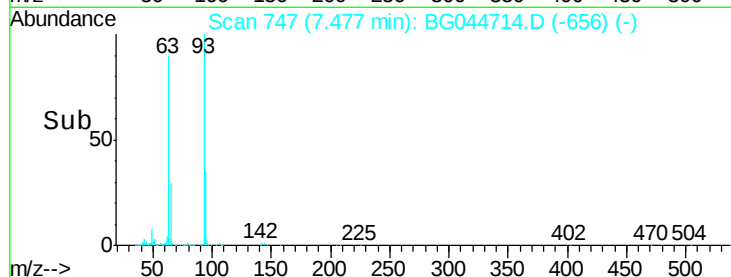
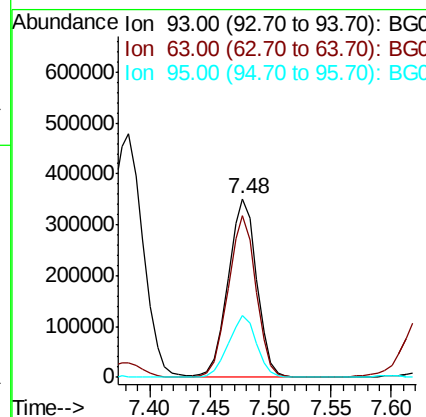
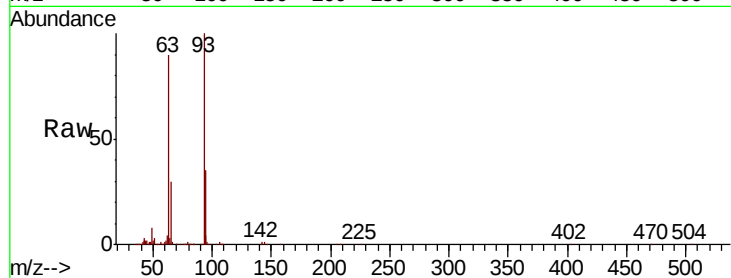
#11
bis(2-Chloroethyl)ether
Concen: 72.770 ng
RT: 7.48 min Scan# 747
Delta R.T. 0.01 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
93	100		
63	90.3	68.1	108.1
95	34.9	12.4	52.4

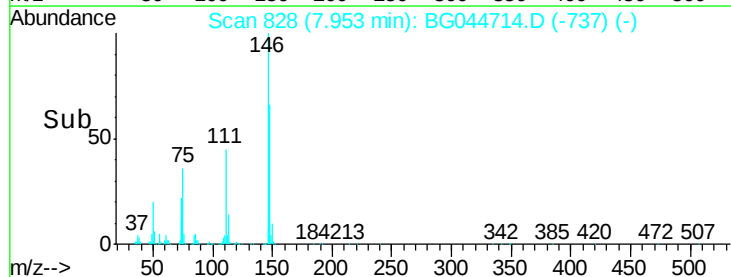
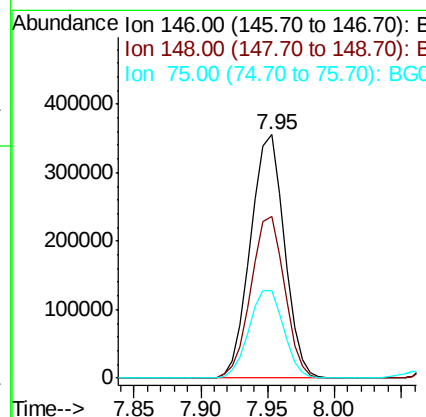
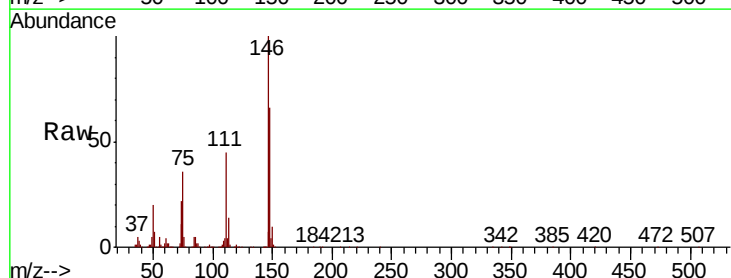
Manual Integrations
APPROVED

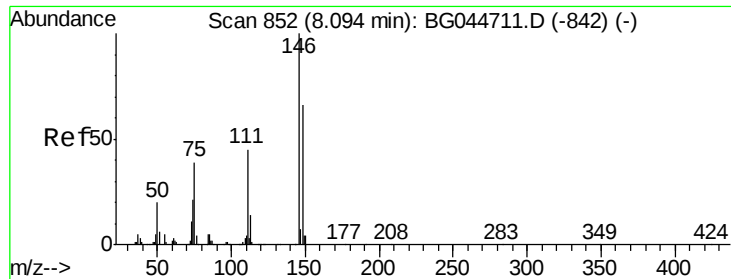
mohammad
3/11/2020 4:56:55 PM



#12
1,3-Dichlorobenzene
Concen: 74.542 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.01 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.5	54.2	81.2
75	36.2	31.3	46.9





#13

1,4-Dichlorobenzene

Concen: 73.584 ng

RT: 8.09 min Scan# 852

Delta R.T. 0.00 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

Instrument :

BNA_G

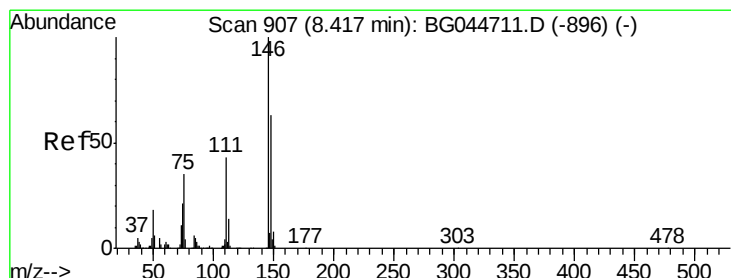
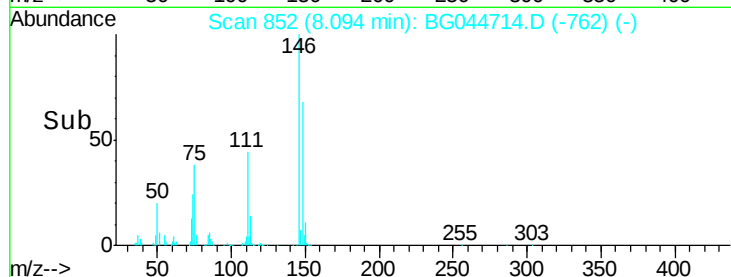
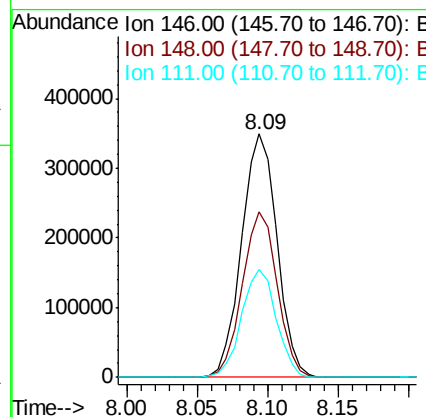
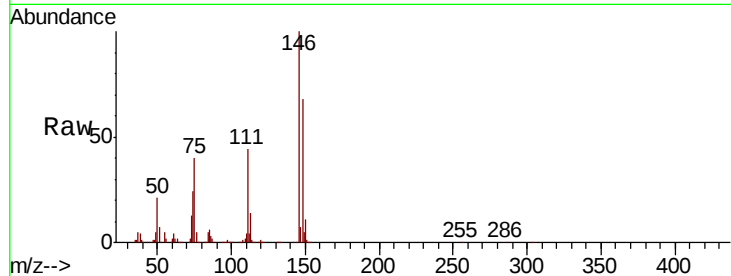
ClientSampleId :

SSTDIC080

Tot Ion:	146	Resp:	613873
Ion Ratio	Lower	Upper	
146	100		
148	67.8	52.9	79.3
111	44.3	35.6	53.4

Manual Integrations
APPROVED

mohammad
3/11/2020 4:56:55 PM



#14

1,2-Dichlorobenzene

Concen: 73.679 ng

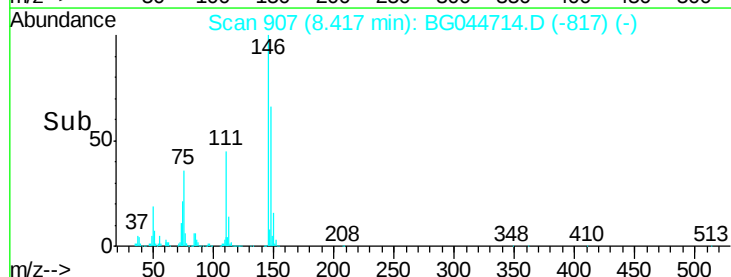
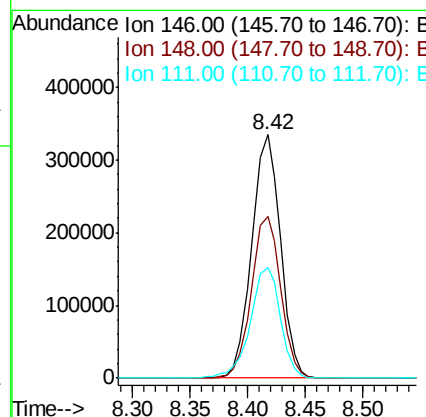
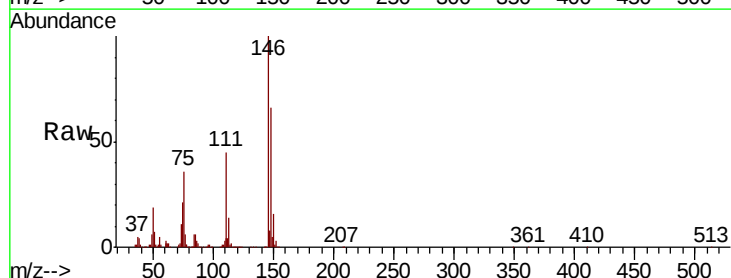
RT: 8.42 min Scan# 907

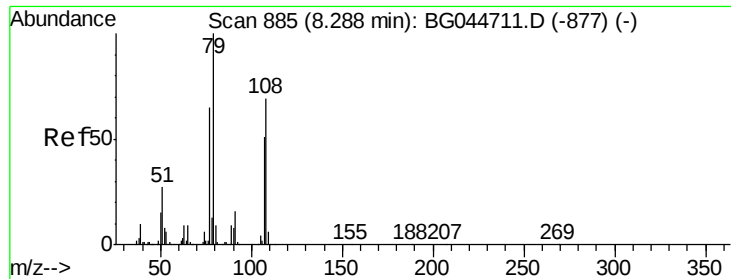
Delta R.T. 0.00 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

Tgt Ion:	146	Resp:	581025
Ion Ratio	Lower	Upper	
146	100		
148	66.2	50.8	76.2
111	45.4	34.8	52.2





#15

Benzyl Alcohol

Concen: 66.929 ng

RT: 8.29 min Scan# 886

Delta R.T. 0.01 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

Instrument :

BNA_G

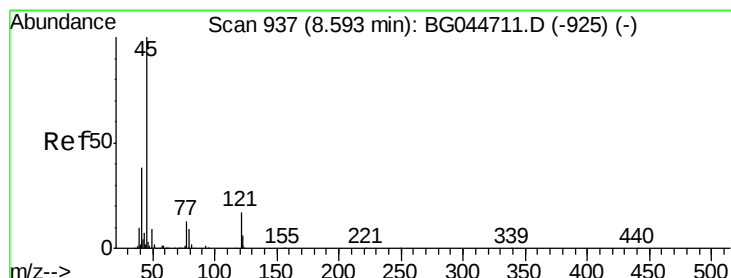
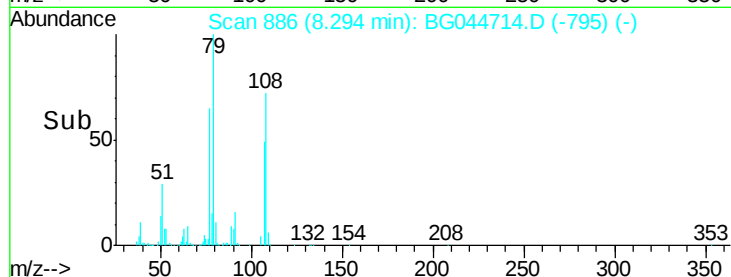
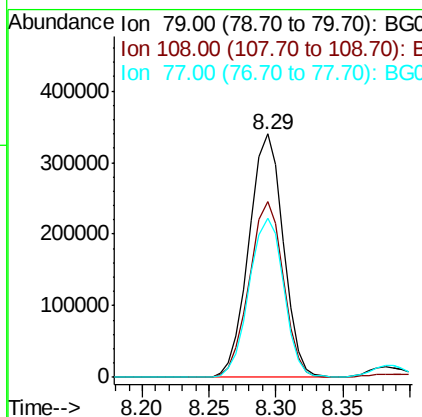
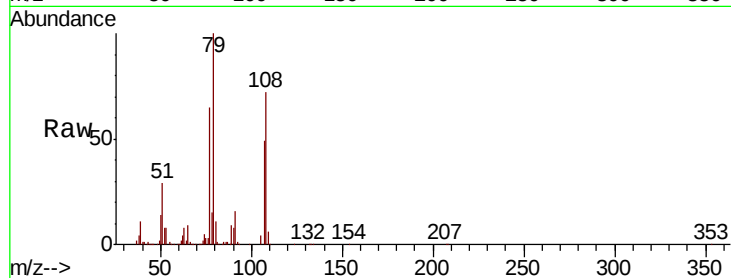
ClientSampleId :

SSTDICC080

Tot Ion:	79	Resp:	604622
Ion	Ratio	Lower	Upper
79	100		
108	72.3	55.4	83.0
77	65.4	52.2	78.4

Manual Integrations
APPROVED

mohammad
3/11/2020 4:56:55 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 68.081 ng

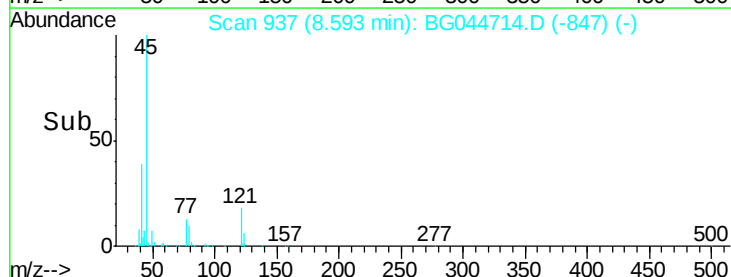
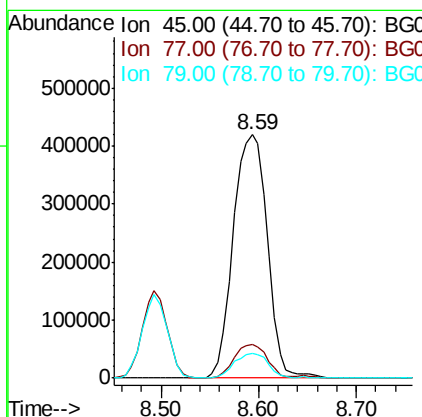
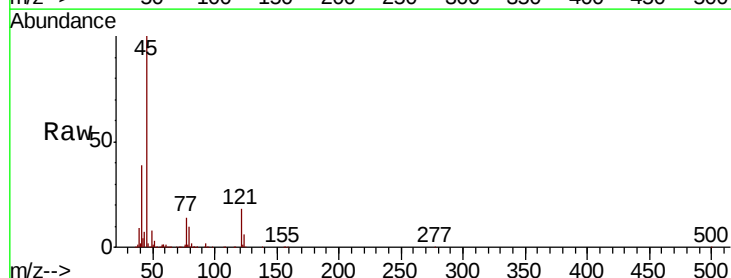
RT: 8.59 min Scan# 937

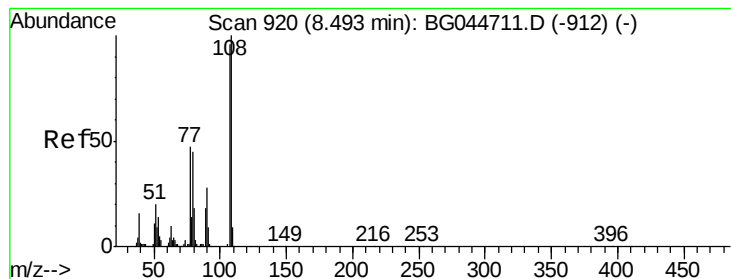
Delta R.T. 0.00 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

Tgt Ion:	45	Resp:	1019482
Ion	Ratio	Lower	Upper
45	100		
77	13.9	0.0	33.4
79	10.0	0.0	30.0





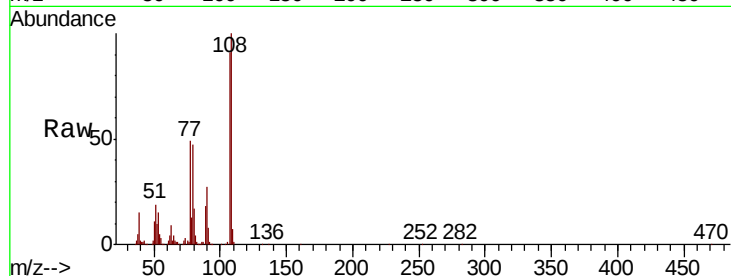
#17
2-Methylphenol
Concen: 70.223 ng
RT: 8.49 min Scan# 920
Delta R.T. 0.00 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.3	83.2	124.8	
77	54.1	39.0	58.6	
79	51.9	37.6	56.4	

Manual Integrations
APPROVED

mohammad
3/11/2020 4:56:55 PM



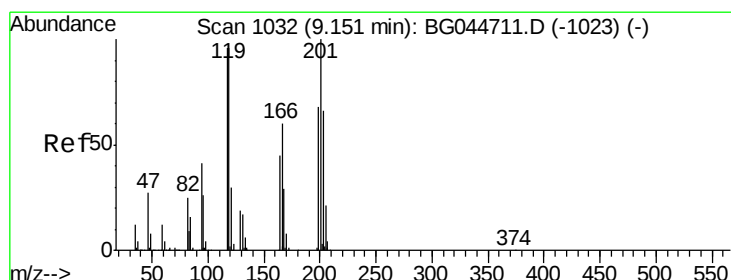
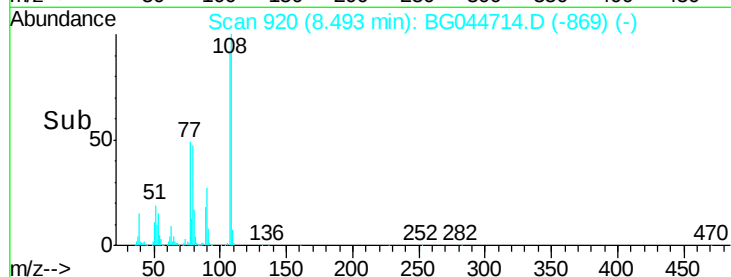
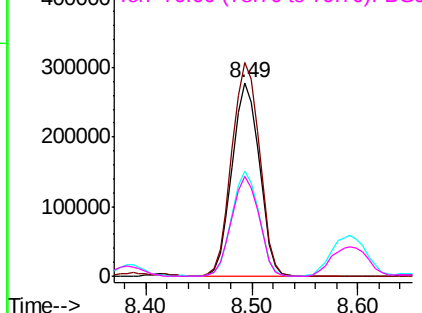
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

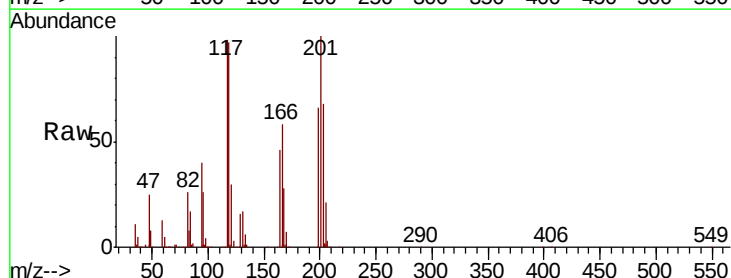
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 74.464 ng
RT: 9.15 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.6	80.2	120.4	
201	101.8	83.4	125.2	

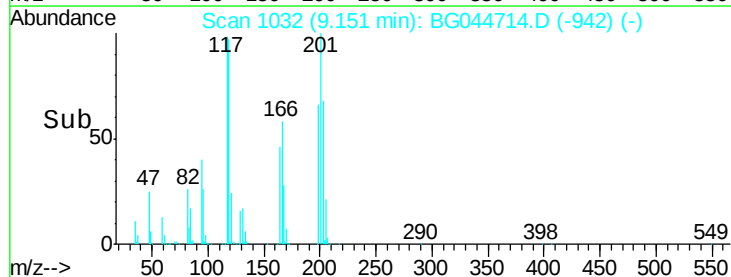
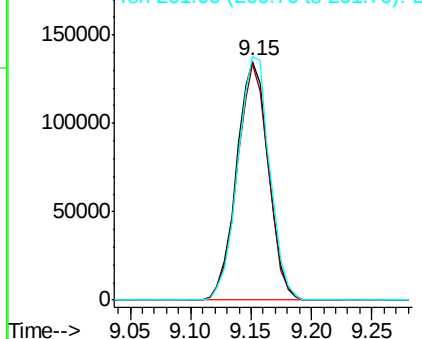


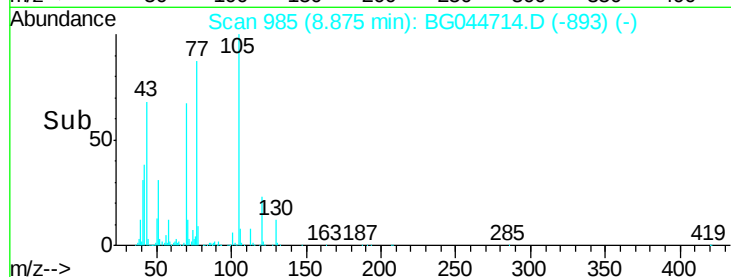
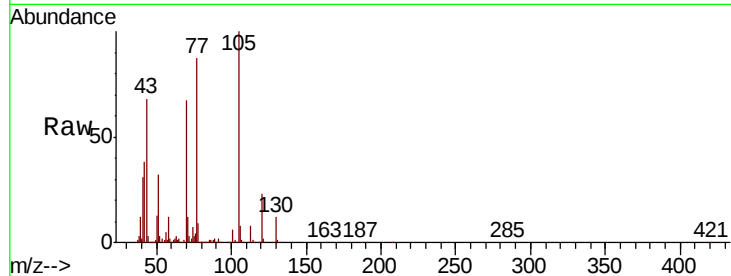
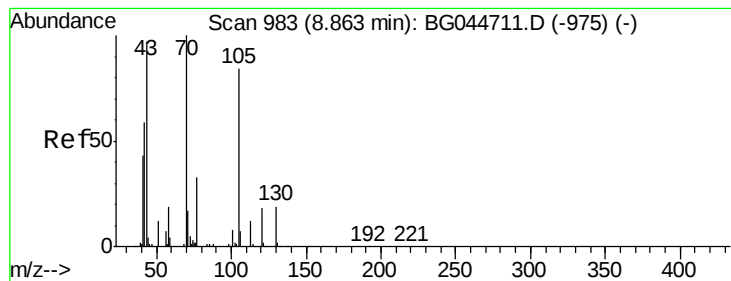
Abundance

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: 66.137 ng

RT: 8.88 min Scan# 985

Delta R.T. 0.01 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

Instrument :

BNA_G

ClientSampleId :

SSTDIC080

Tot Ion: 70 Resp: 517380

Ion Ratio Lower Upper

70 100

42 57.0 47.6 71.4

101 9.5 6.5 9.7

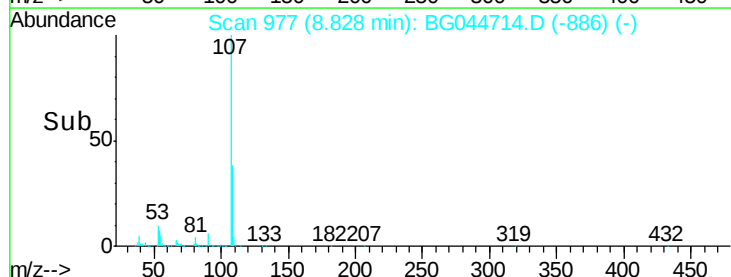
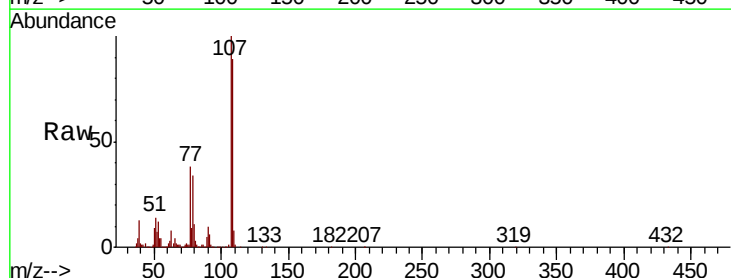
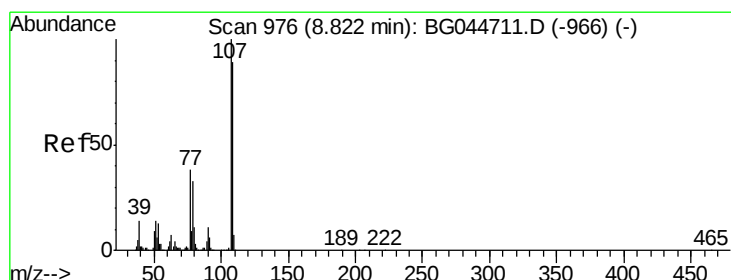
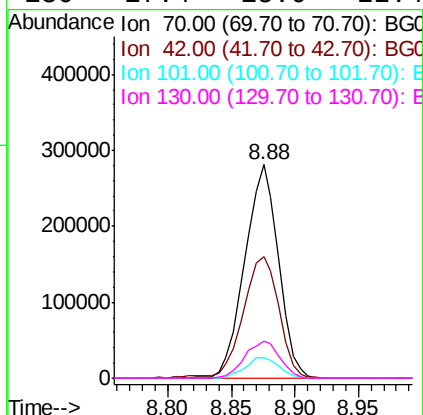
130 17.4 15.0 22.4

Manual Integrations

APPROVED

mohammad

3/11/2020 4:56:55 PM



#20

3+4-Methylphenols

Concen: 69.772 ng

RT: 8.83 min Scan# 977

Delta R.T. 0.01 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

Tgt Ion: 107 Resp: 686990

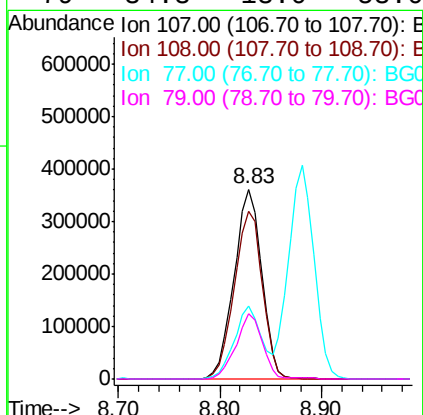
Ion Ratio Lower Upper

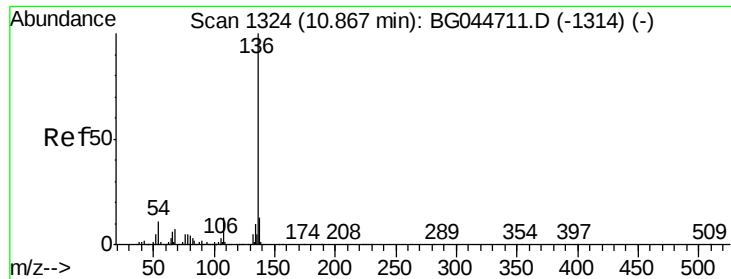
107 100

108 88.5 69.1 109.1

77 38.2 17.7 57.7

79 34.3 13.0 53.0





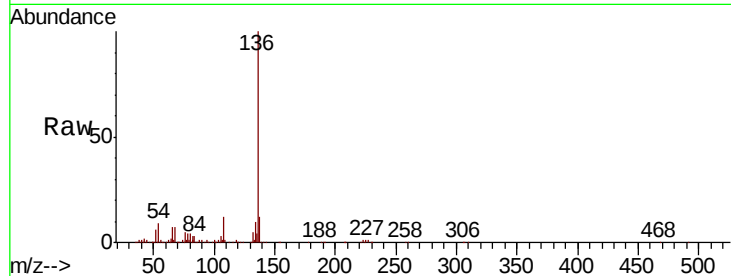
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		388742		
137	11.7	10.7	16.1		
54	9.2	9.0	13.4		
68	7.5	5.9	8.9		

Manual Integrations
APPROVED

mohammad
3/11/2020 4:56:55 PM



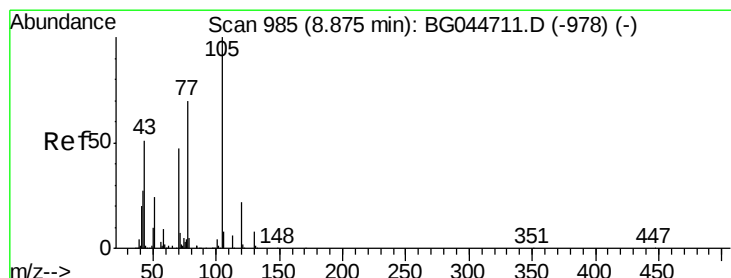
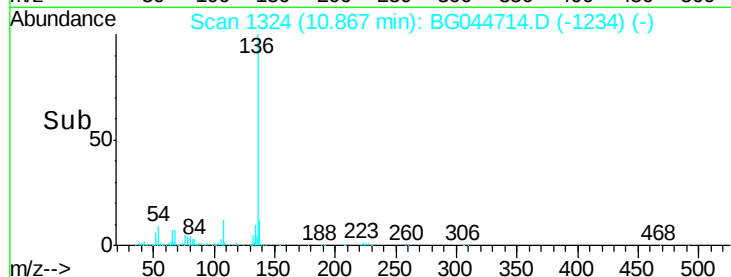
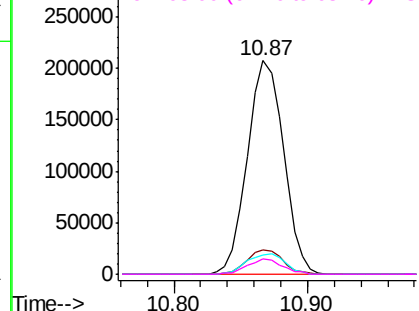
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 75.997 ng
RT: 8.88 min Scan# 986
Delta R.T. 0.01 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		862450		
71	9.2	5.8	8.8#		
51	31.2	23.8	35.8		
120	22.5	17.3	25.9		

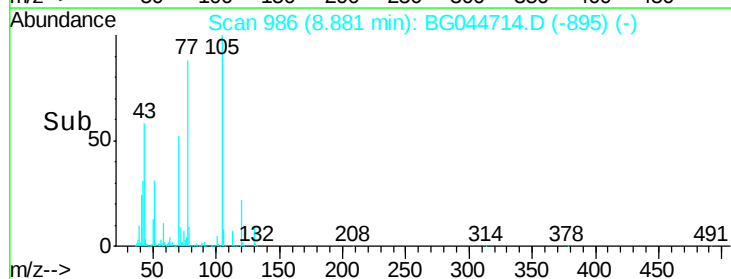
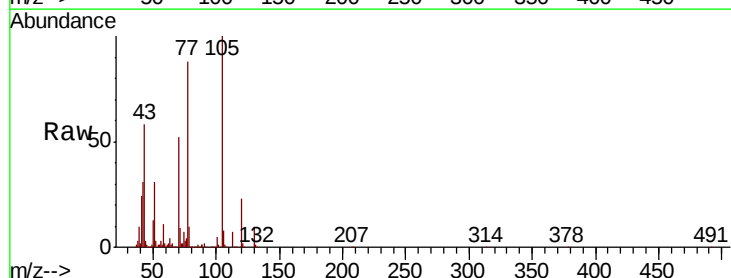
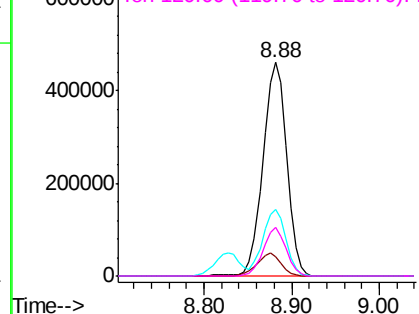
Abundance

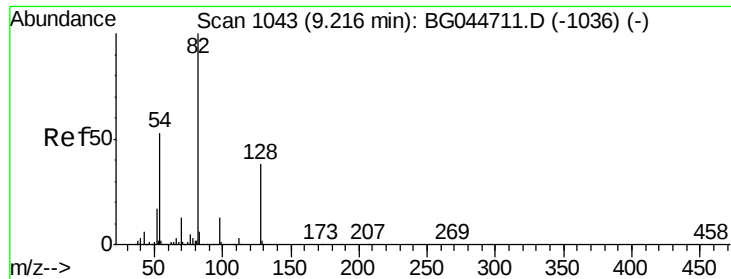
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





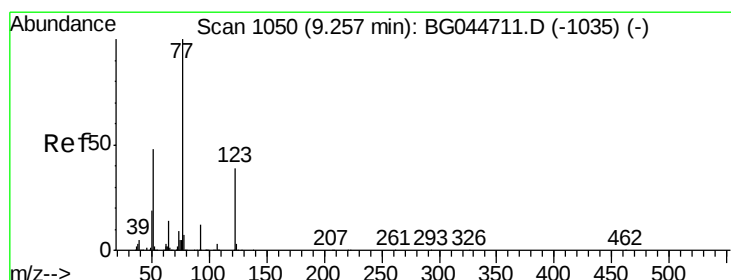
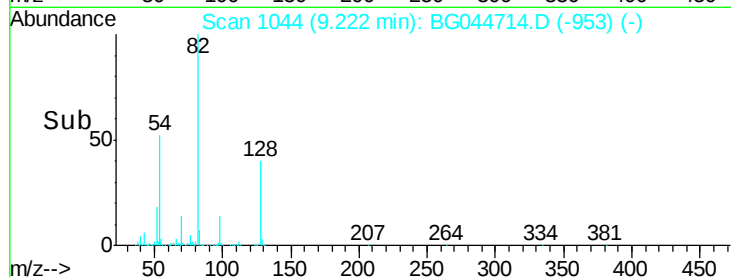
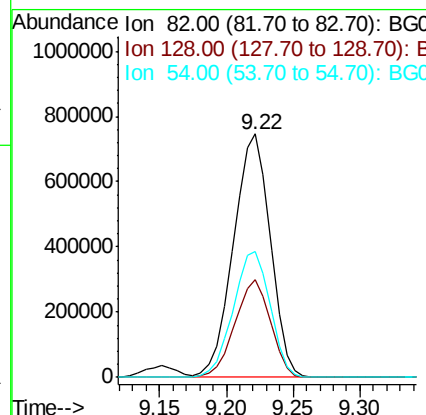
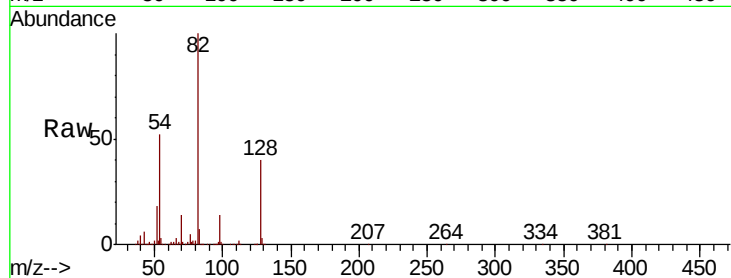
#23
 Nitrobenzene-d5
 Concen: 167.864 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: BG044714.D
 Acq: 10 Mar 2020 14:25

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.0	30.2	45.2
54	51.7	41.8	62.8

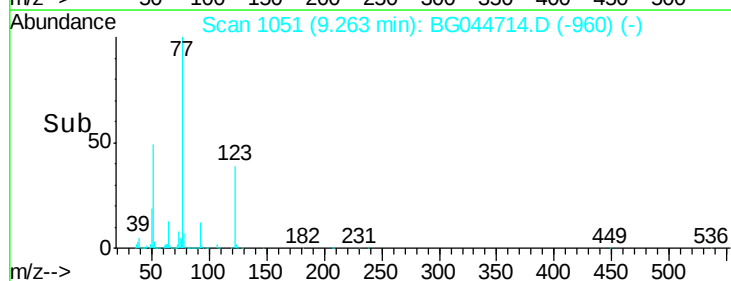
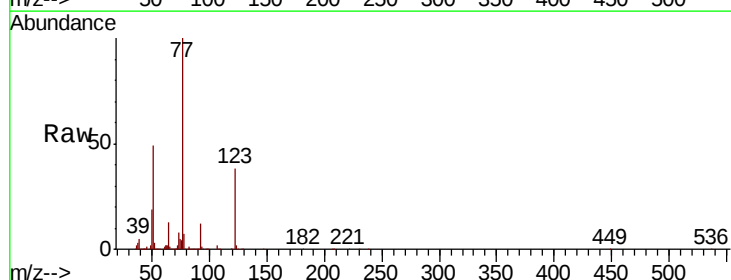
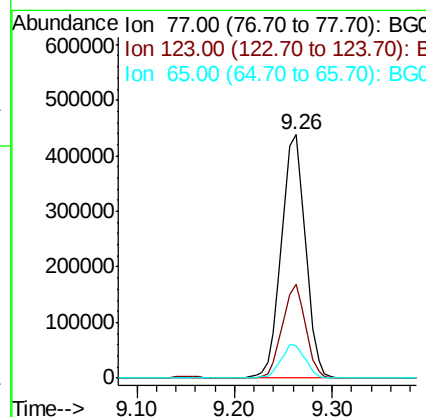
Manual Integrations
 APPROVED

mohammad
 3/11/2020 4:56:55 PM



#24
 Nitrobenzene
 Concen: 83.478 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: BG044714.D
 Acq: 10 Mar 2020 14:25

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.5	31.5	47.3
65	13.1	11.0	16.4





#25

Isophorone

Concen: 72.243 ng

RT: 9.79 min Scan# 1141

Delta R.T. 0.01 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tot Ion: 82 Resp: 1360228

Ion Ratio Lower Upper

82 100

95 8.0 5.6 8.4

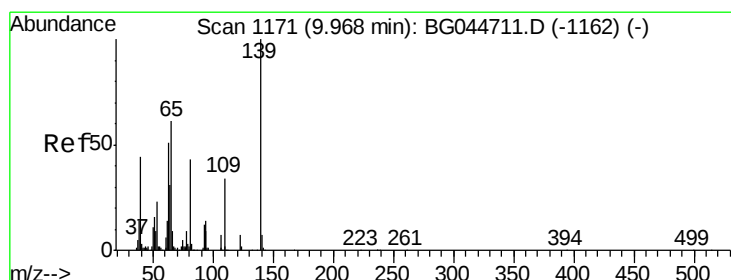
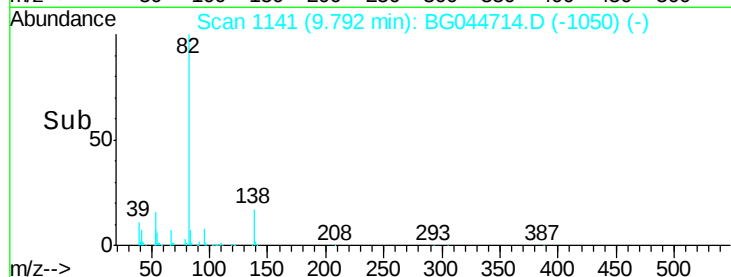
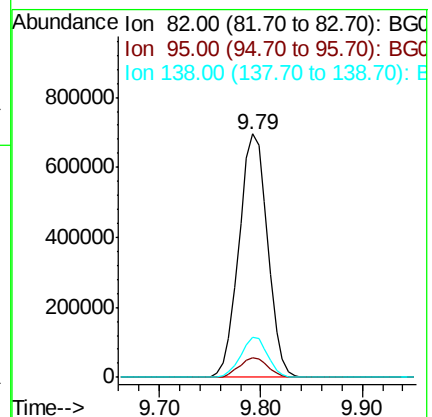
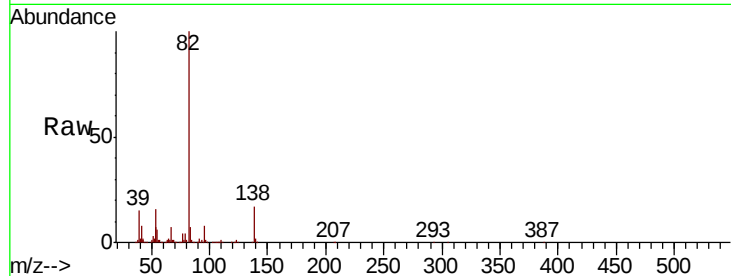
138 16.7 13.0 19.4

Manual Integrations

APPROVED

mohammad

3/11/2020 4:56:55 PM



#26

2-Nitrophenol

Concen: 90.720 ng

RT: 9.97 min Scan# 1172

Delta R.T. 0.01 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

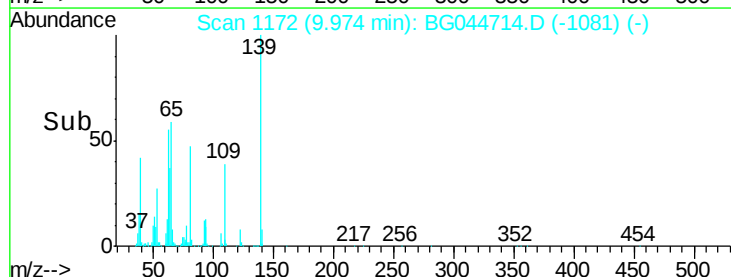
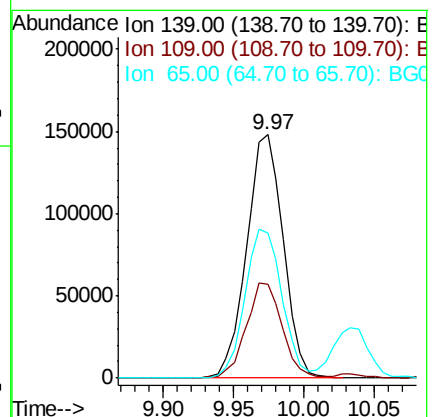
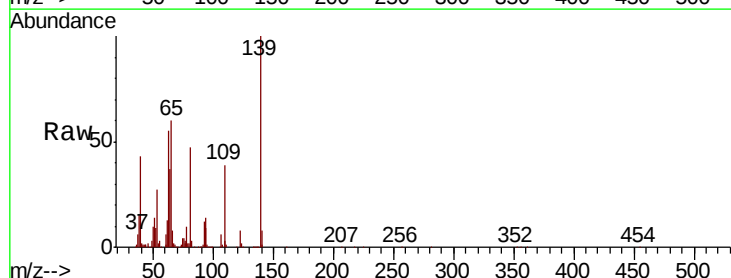
Tgt Ion: 139 Resp: 268551

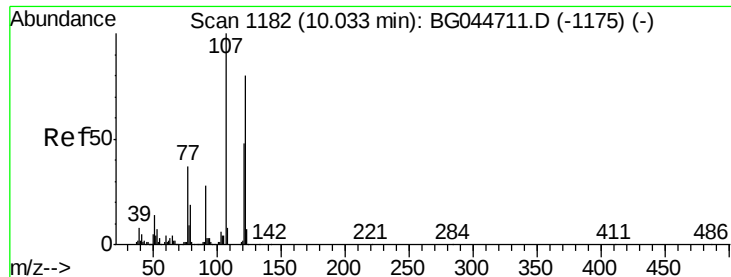
Ion Ratio Lower Upper

139 100

109 38.8 27.0 40.4

65 59.6 48.6 73.0





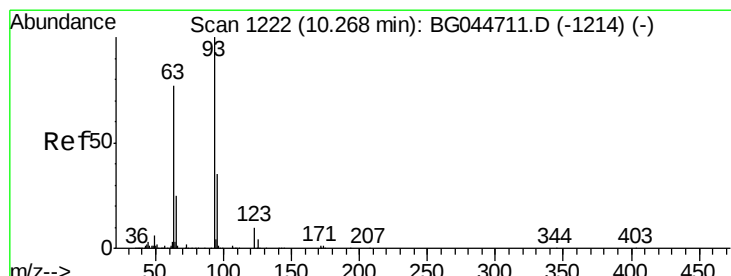
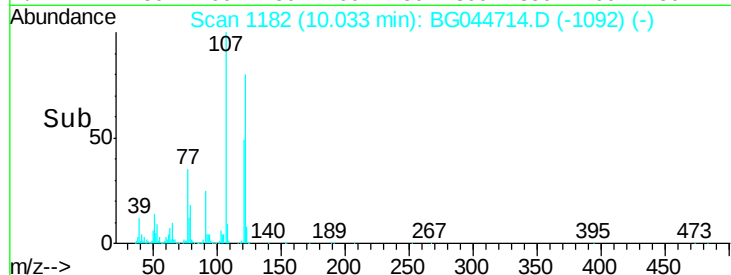
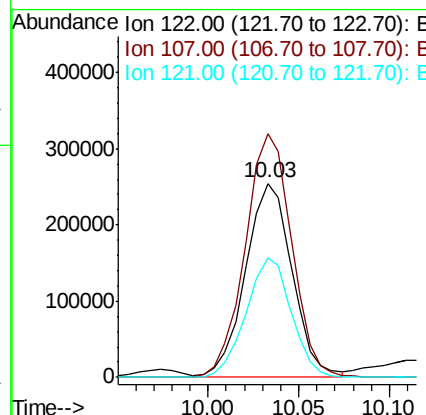
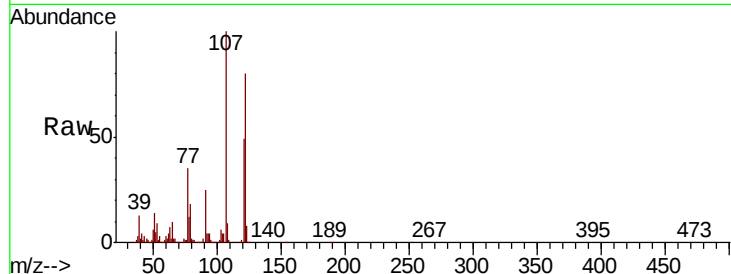
#27
2,4-Dimethylphenol
Concen: 77.119 ng
RT: 10.03 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
122	100		
107	125.3	99.0	148.6
121	61.2	47.6	71.4

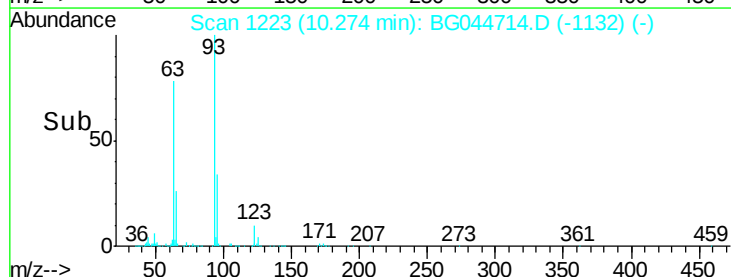
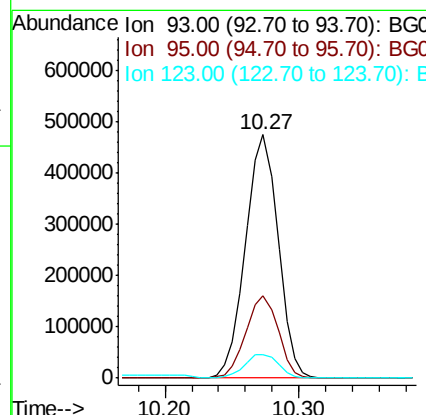
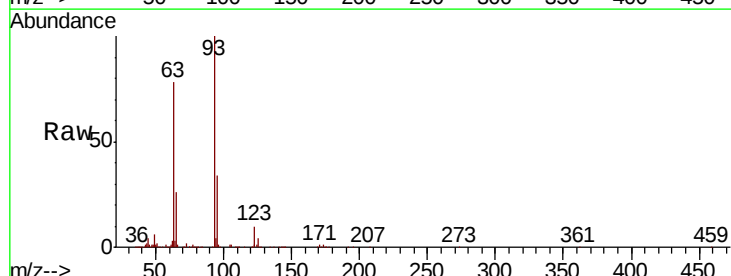
Manual Integrations
APPROVED

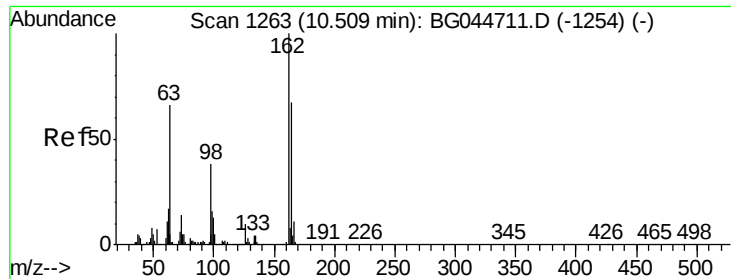
mohammad
3/11/2020 4:56:55 PM



#28
bis(2-Chloroethoxy)methane
Concen: 75.547 ng
RT: 10.27 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	27.7	41.5
123	9.9	8.1	12.1





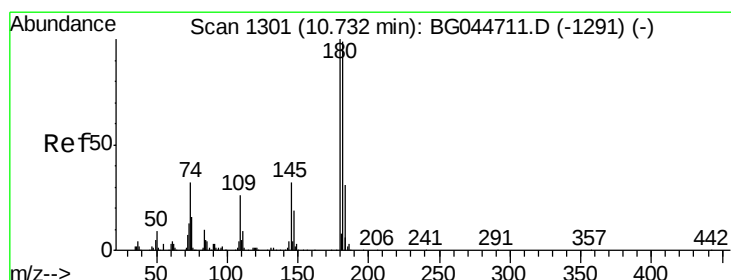
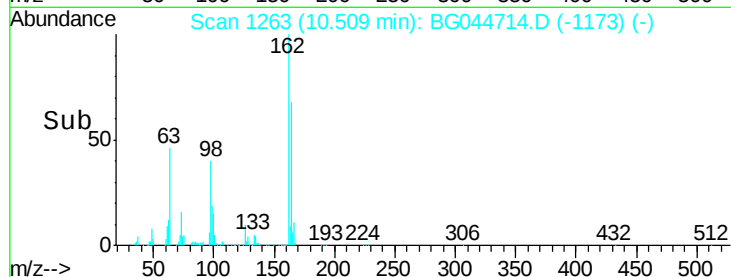
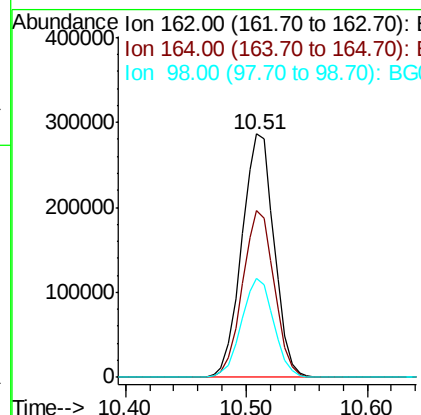
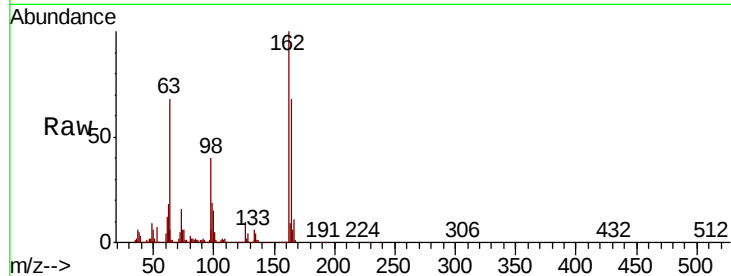
#29
 2,4-Dichlorophenol
 Concen: 79.445 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BG044714.D
 Acq: 10 Mar 2020 14:25

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Tot Ion:	162	Resp:	533969
Ion Ratio	Lower	Upper	
162	100		
164	68.5	46.5	86.5
98	40.5	18.1	58.1

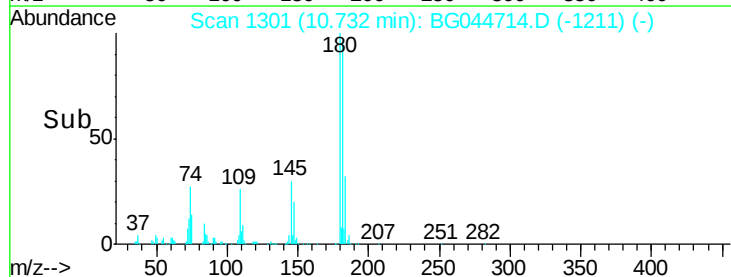
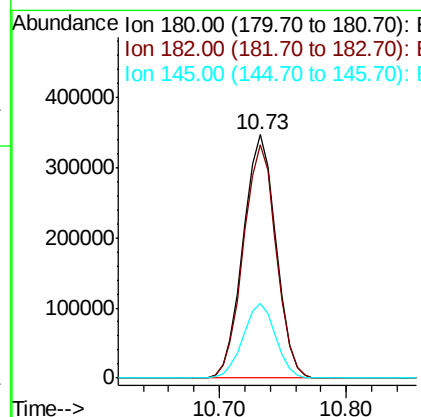
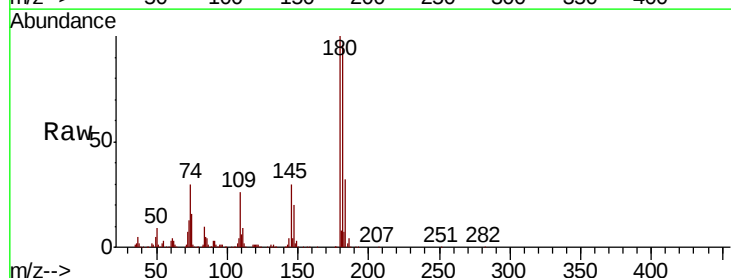
Manual Integrations
 APPROVED

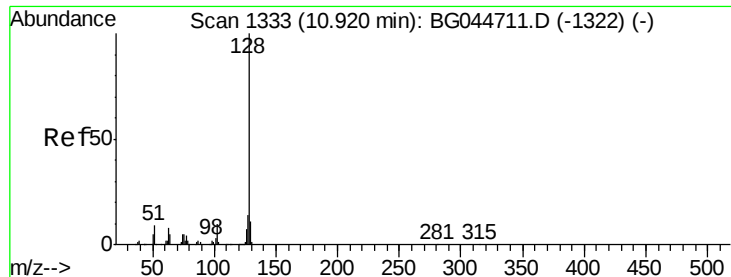
mohammad
 3/11/2020 4:56:55 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 79.894 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BG044714.D
 Acq: 10 Mar 2020 14:25

Tgt Ion:	180	Resp:	623765
Ion Ratio	Lower	Upper	
180	100		
182	95.8	78.8	118.2
145	30.5	25.4	38.0





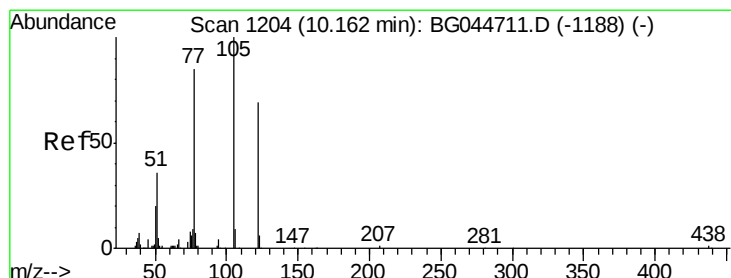
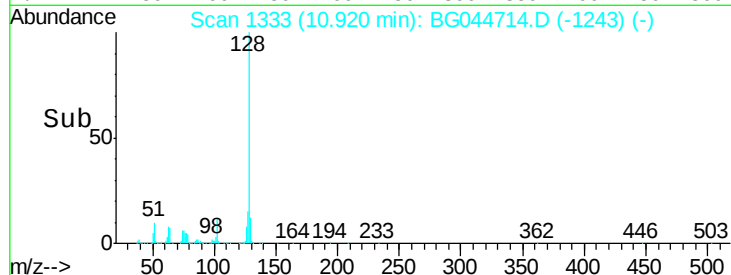
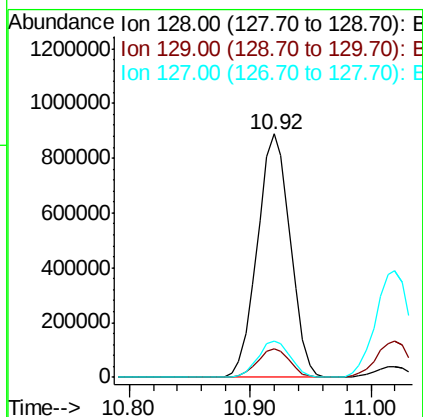
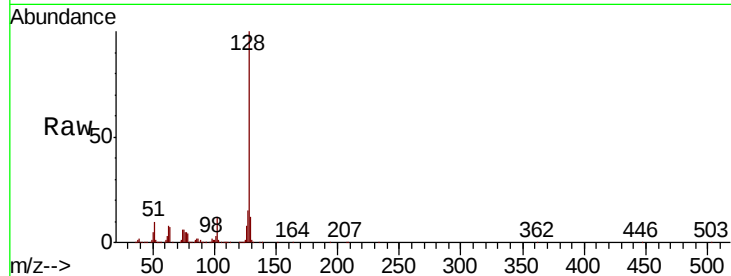
#31
Naphthalene
Concen: 76.489 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.0	13.4
127	15.0	11.0	16.6

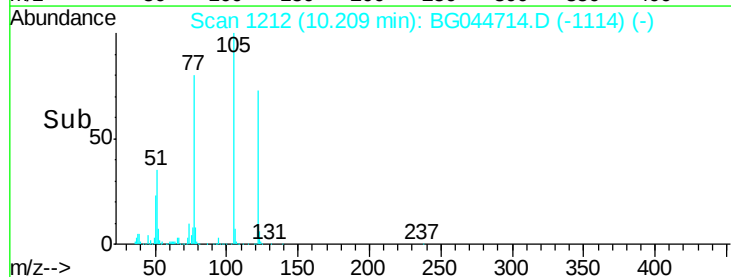
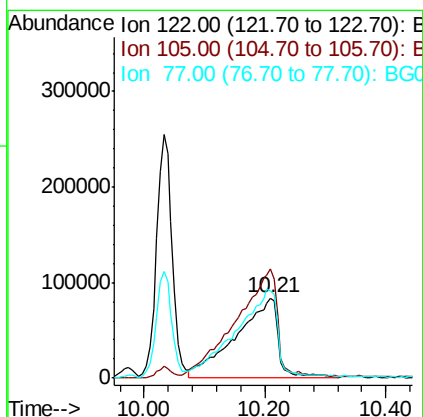
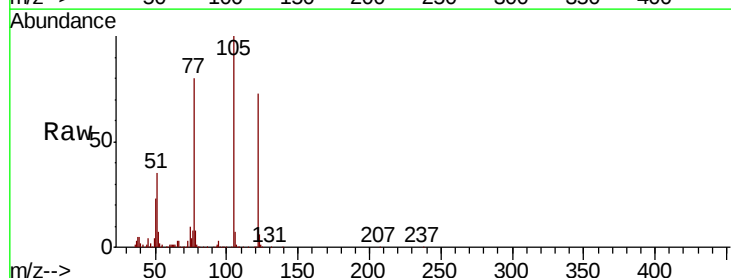
Manual Integrations
APPROVED

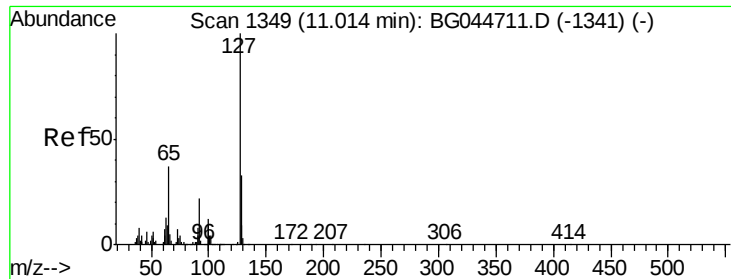
mohammad
3/11/2020 4:56:55 PM



#32
Benzoic acid
Concen: 96.440 ng
RT: 10.21 min Scan# 1212
Delta R.T. 0.05 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

Tgt Ion	Ratio	Lower	Upper
122	100		
105	136.6	119.0	159.0
77	109.7	96.4	136.4





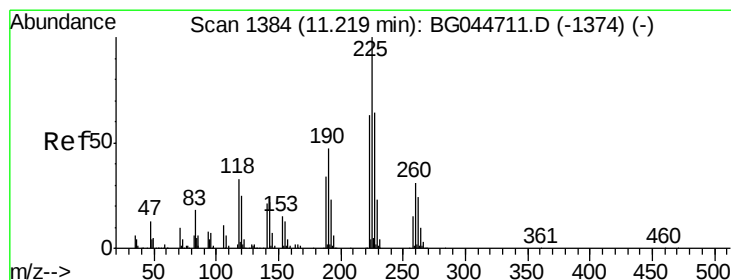
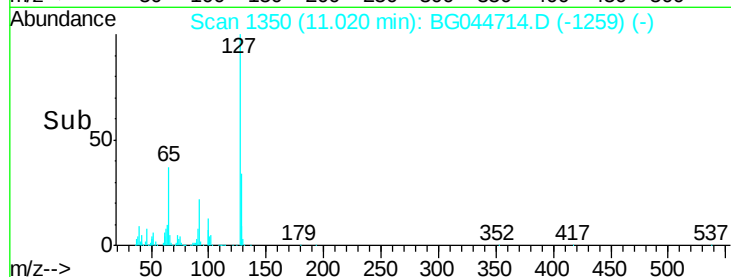
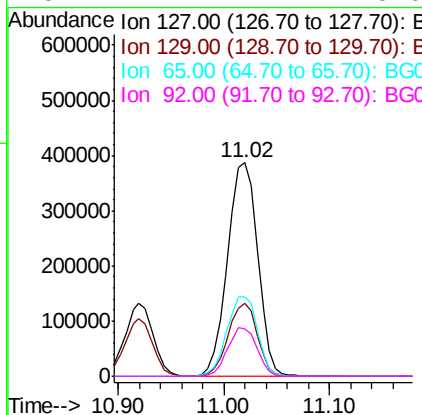
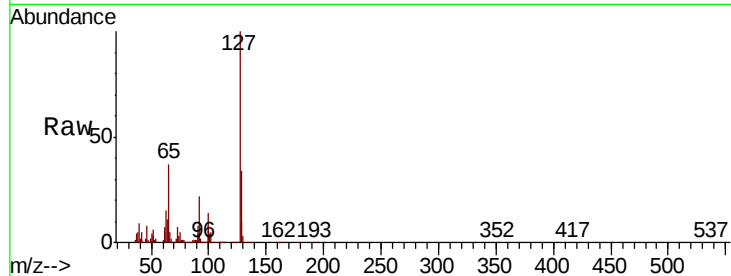
#33
4-Chloroaniline
Concen: 75.918 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
127	100		
129	34.2	26.2	39.4
65	37.4	29.6	44.4
92	22.4	17.4	26.0

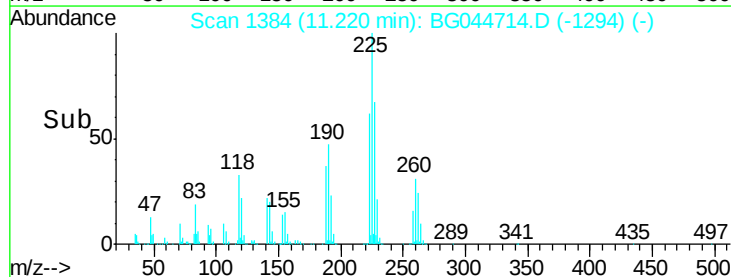
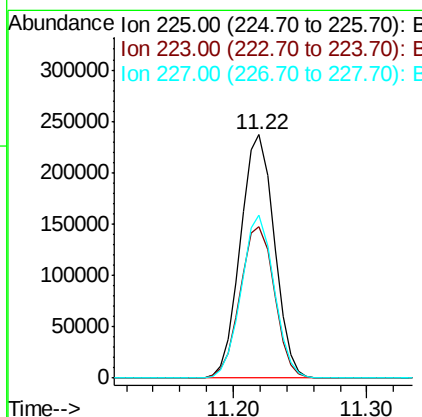
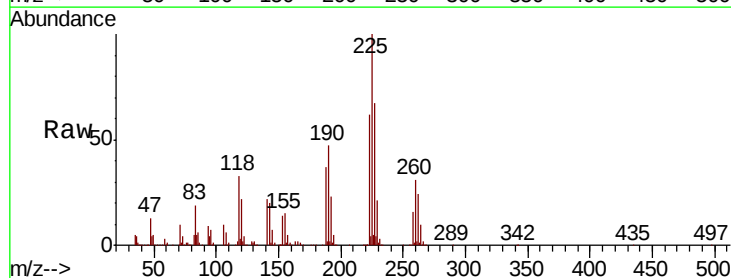
Manual Integrations
APPROVED

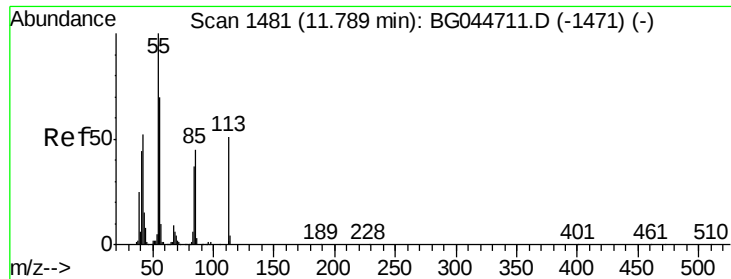
mohammad
3/11/2020 4:56:55 PM



#34
Hexachlorobutadiene
Concen: 77.923 ng
RT: 11.22 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.6	76.0
227	66.7	51.6	77.4





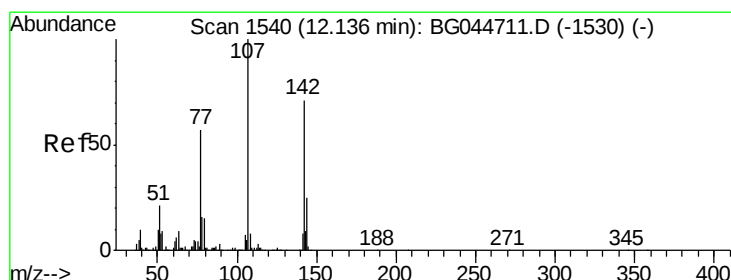
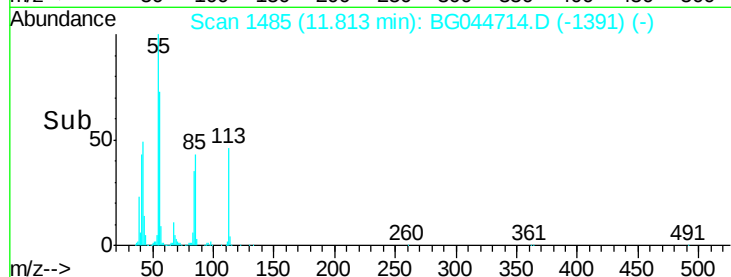
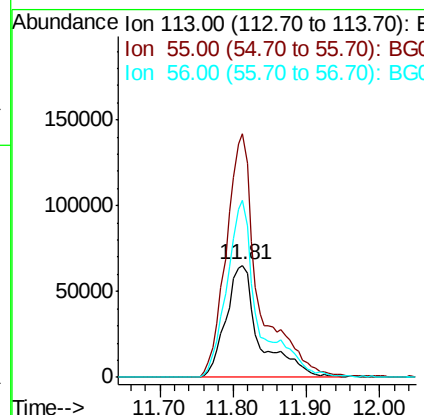
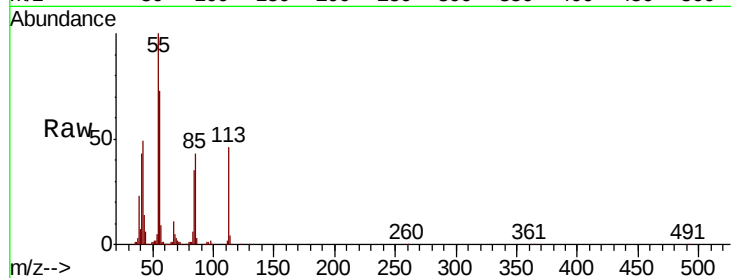
#35
 Caprolactam
 Concen: 74.295 ng/ml
 RT: 11.81 min Scan# 1485
 Delta R.T. 0.02 min
 Lab File: BG044714.D
 Acq: 10 Mar 2020 14:25

Instrument :
 BNA_G
 ClientSampleID :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
113	100		
55	217.4	178.4	218.4
56	158.6	117.7	157.7

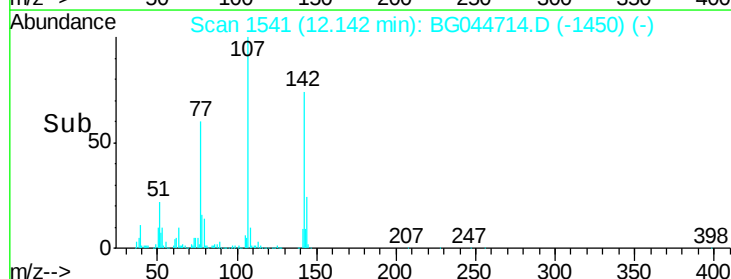
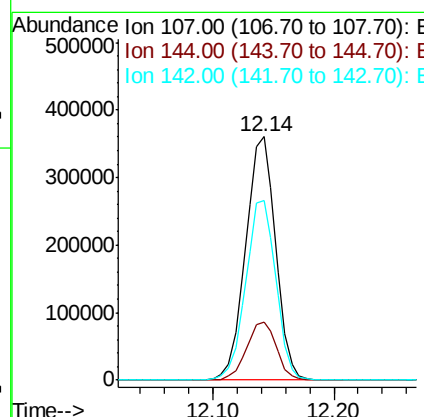
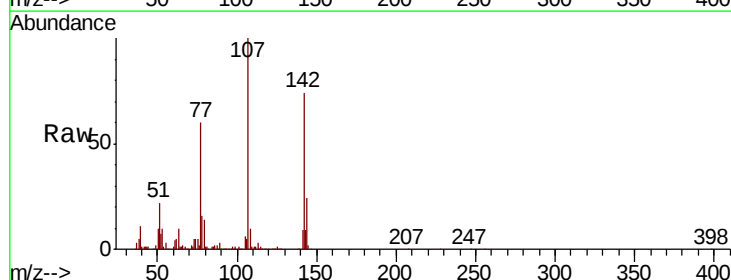
Manual Integrations
 APPROVED

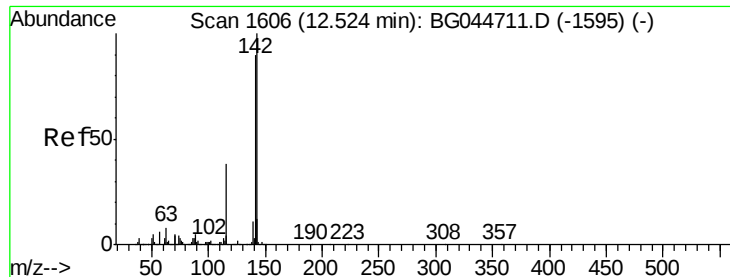
mohammad
 3/11/2020 4:56:55 PM



#36
 4-Chloro-3-methylphenol
 Concen: 73.520 ng/ml
 RT: 12.14 min Scan# 1541
 Delta R.T. 0.01 min
 Lab File: BG044714.D
 Acq: 10 Mar 2020 14:25

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.7	19.6	29.4
142	73.6	56.5	84.7





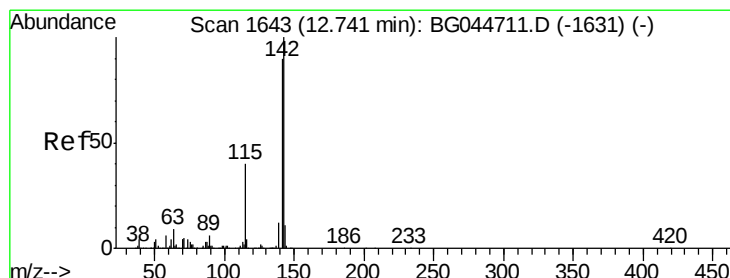
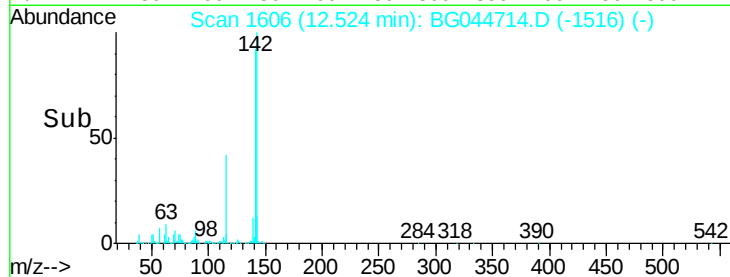
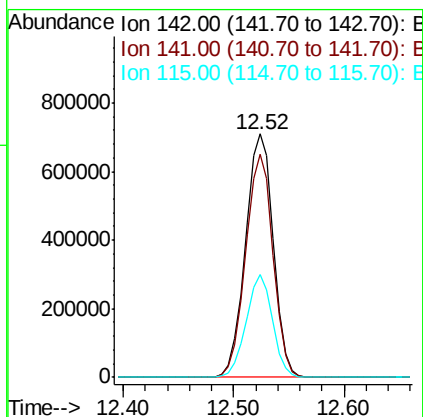
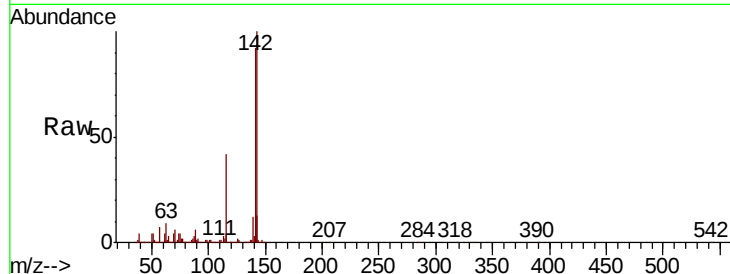
#37
2-Methylnaphthalene
Concen: 75.852 ng
RT: 12.52 min Scan# 1606
Delta R.T. 0.00 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.7	72.3	108.5
115	42.5	30.6	45.8

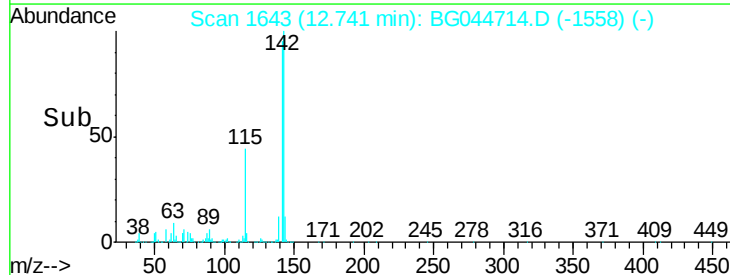
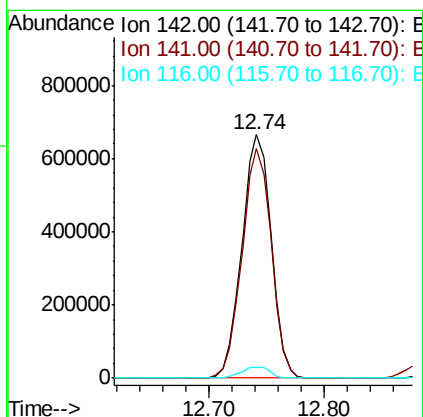
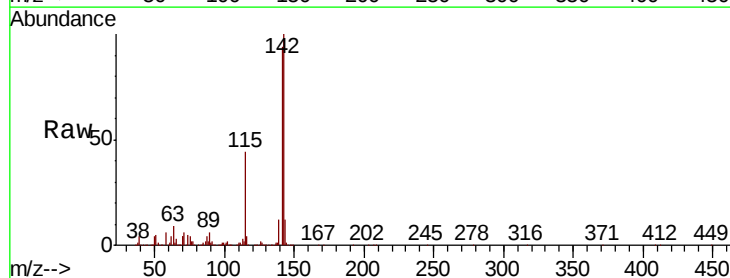
Manual Integrations
APPROVED

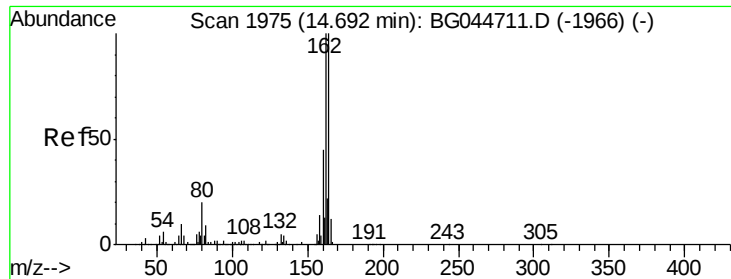
mohammad
3/11/2020 4:56:55 PM



#38
1-Methylnaphthalene
Concen: 75.479 ng
RT: 12.74 min Scan# 1643
Delta R.T. 0.00 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.5	72.2	108.2
116	4.4	3.5	5.3





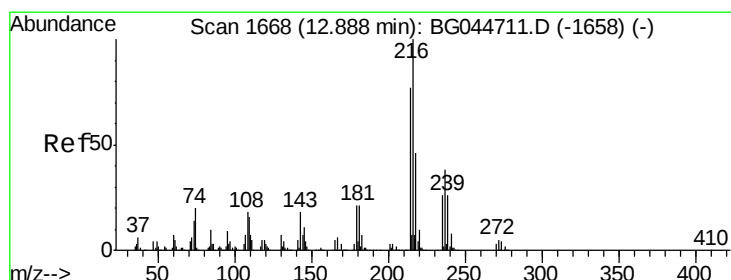
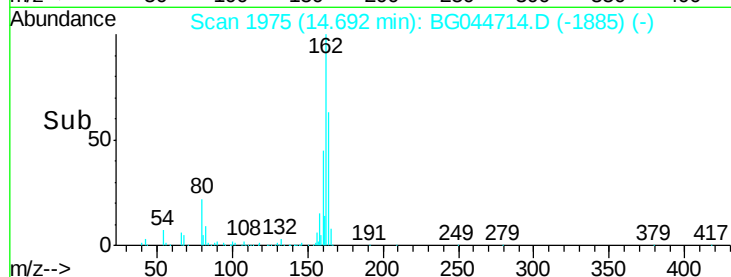
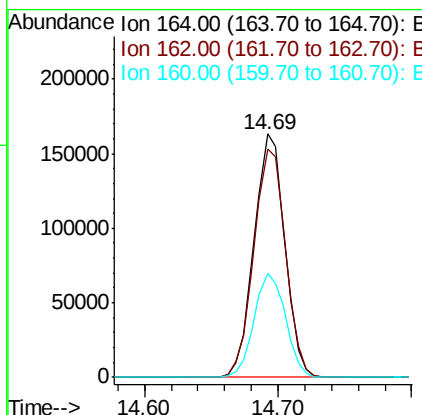
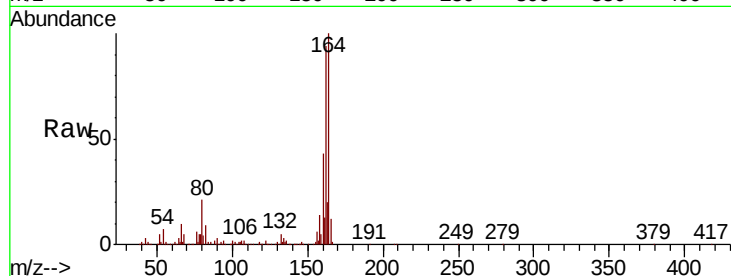
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
164	100		
162	93.8	80.2	120.4
160	42.8	36.2	54.2

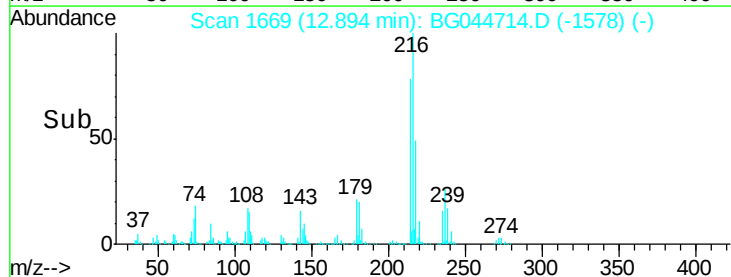
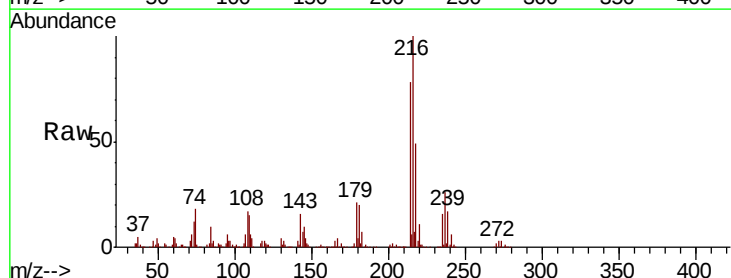
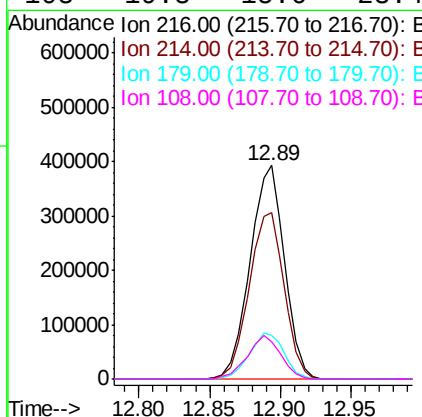
Manual Integrations
APPROVED

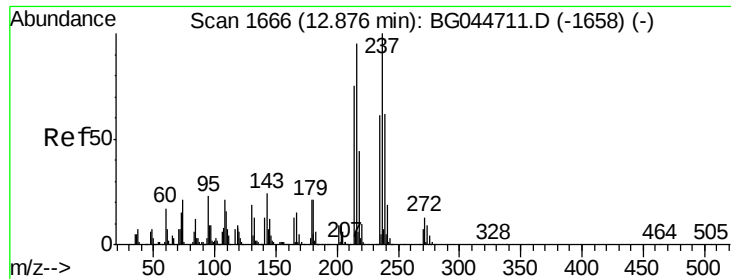
mohammad
3/11/2020 4:56:55 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 79.733 ng
RT: 12.89 min Scan# 1669
Delta R.T. 0.01 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.0	94.4
179	21.6	16.6	24.8
108	19.8	15.6	23.4





#41

Hexachlorocyclopentadiene

Concen: 81.341 ng

RT: 12.88 min Scan# 1667

Delta R.T. 0.01 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

Instrument :

BNA_G

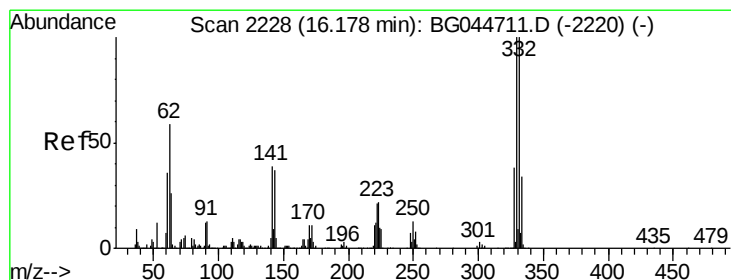
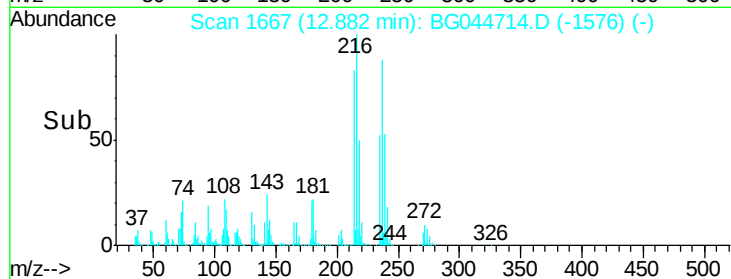
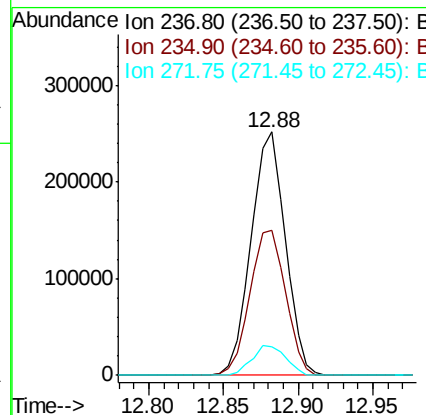
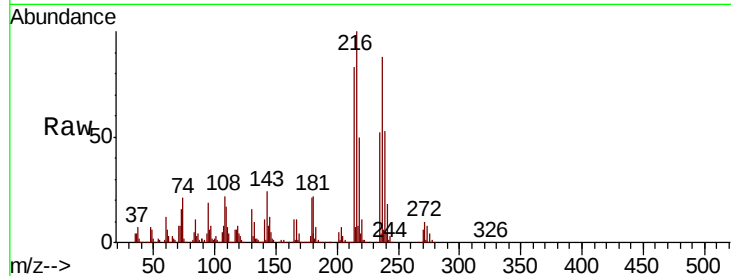
ClientSampleId :

SSTDIC080

Tot Ion:	237	Resp:	399308
Ion Ratio	Lower	Upper	
237	100		
235	59.4	40.6	80.6
272	11.9	0.0	32.5

Manual Integrations
APPROVED

mohammad
3/11/2020 4:56:55 PM



#42

2,4,6-Tribromophenol

Concen: 154.445 ng

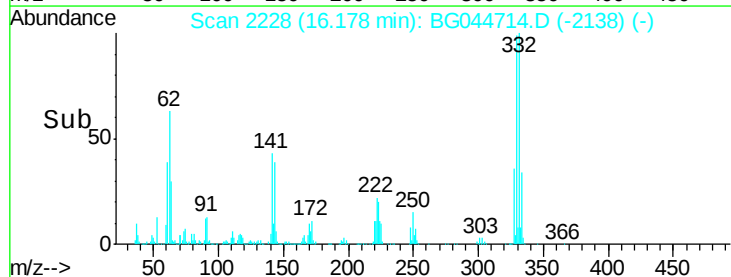
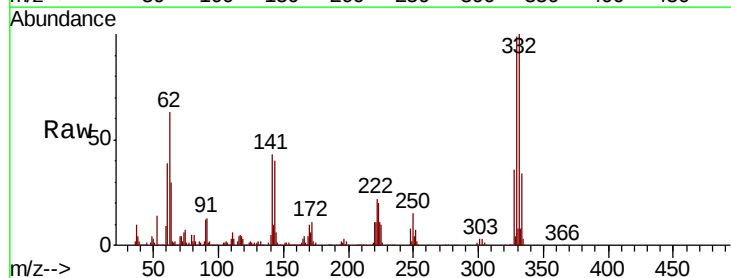
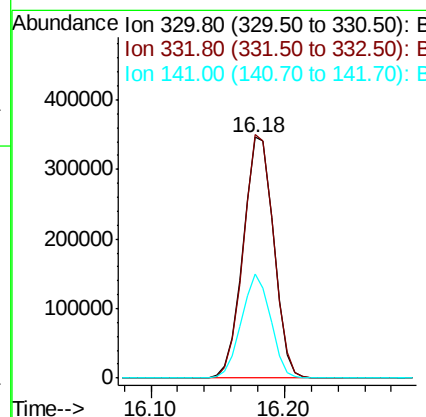
RT: 16.18 min Scan# 2228

Delta R.T. 0.00 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

Tgt Ion:	330	Resp:	548633
Ion Ratio	Lower	Upper	
330	100		
332	99.4	77.5	116.3
141	41.4	31.7	47.5





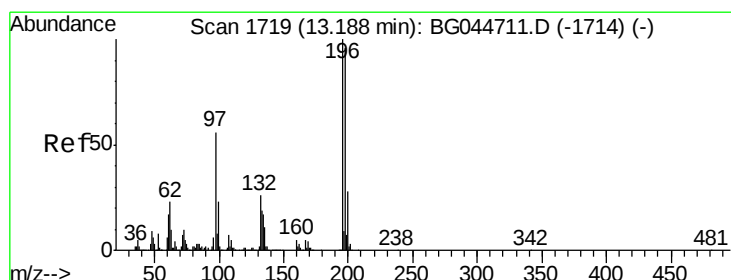
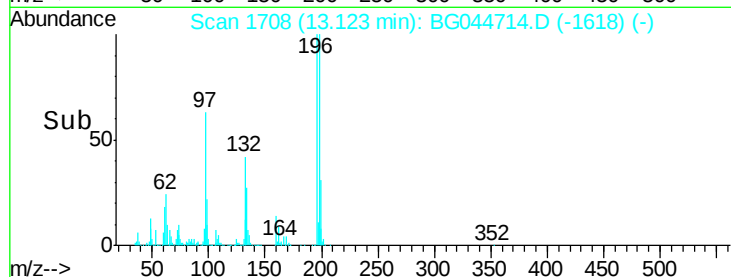
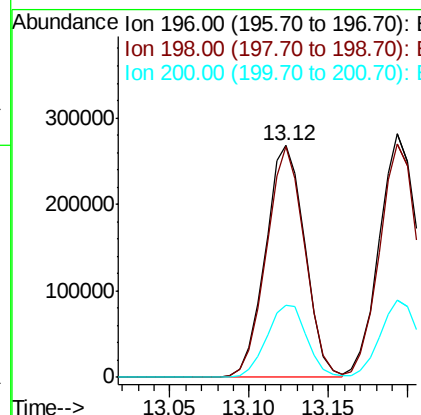
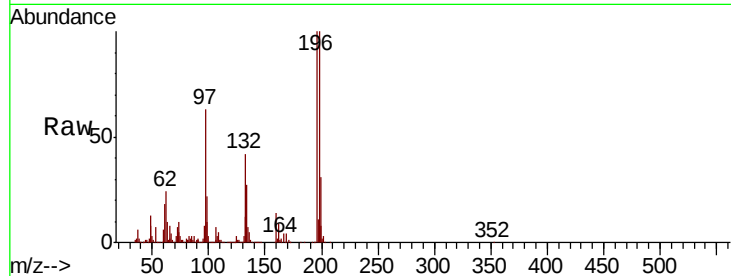
#43
 2,4,6-Trichlorophenol
 Concen: 79.524 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BG044714.D
 Acq: 10 Mar 2020 14:25

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.5	76.5	114.7
200	31.1	25.9	38.9

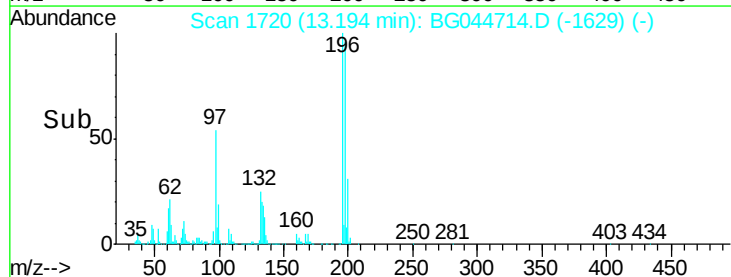
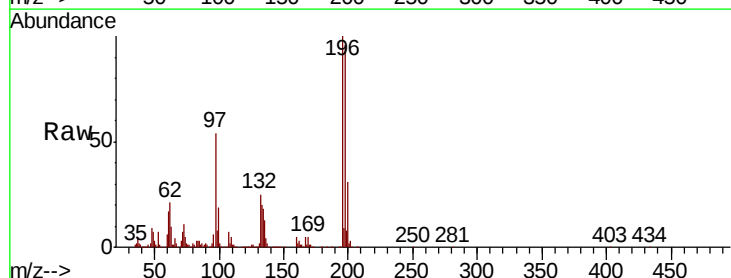
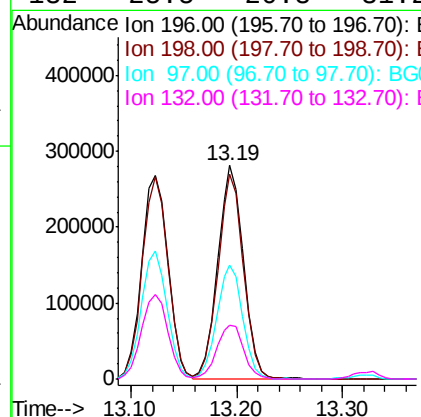
Manual Integrations
 APPROVED

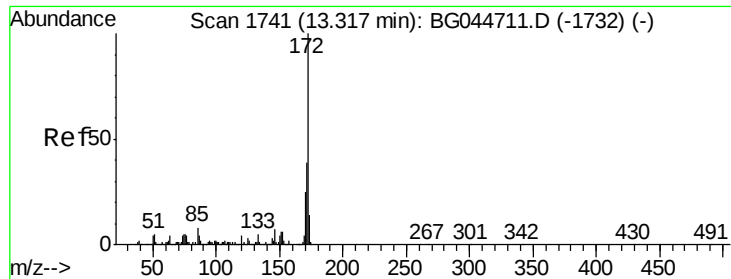
mohammad
 3/11/2020 4:56:55 PM



#44
 2,4,5-Trichlorophenol
 Concen: 80.016 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. 0.01 min
 Lab File: BG044714.D
 Acq: 10 Mar 2020 14:25

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.9	77.3	115.9
97	53.6	44.9	67.3
132	25.5	20.8	31.2





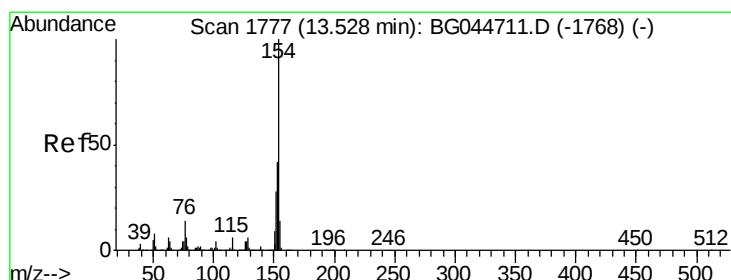
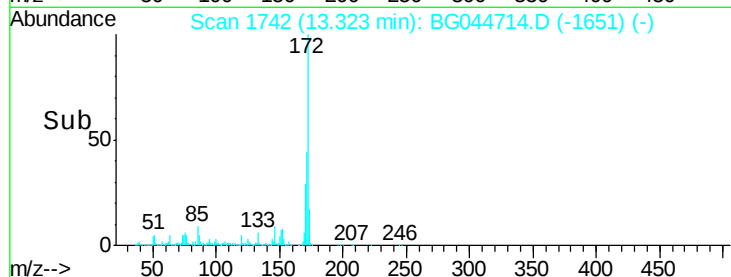
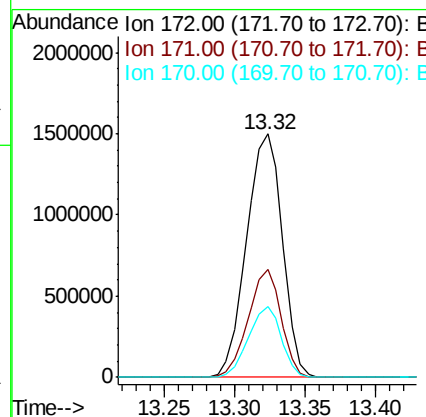
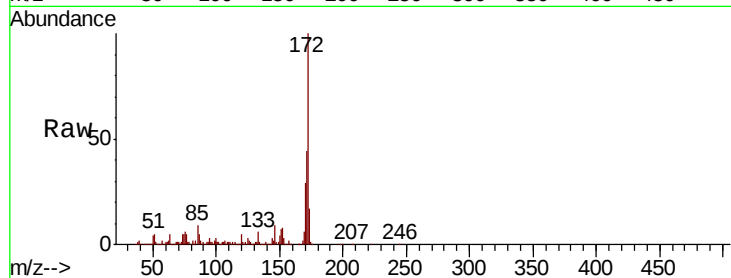
#45
2-Fluorobiphenyl
Concen: 143.647 ng
RT: 13.32 min Scan# 1742
Delta R.T. 0.01 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
172	100		
171	44.3	30.8	46.2
170	29.2	20.0	30.0

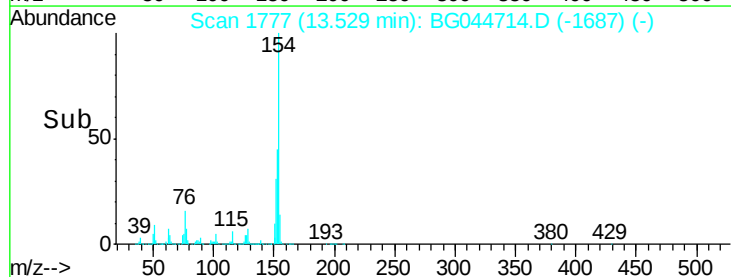
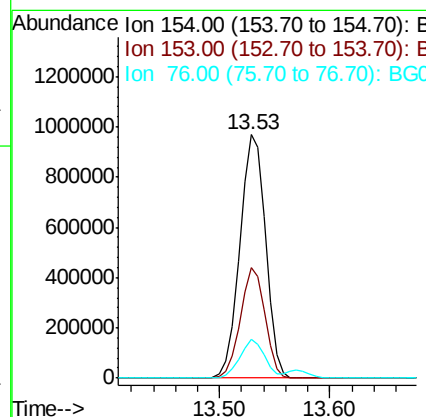
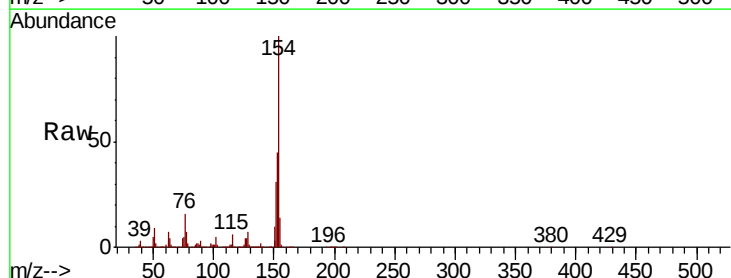
Manual Integrations
APPROVED

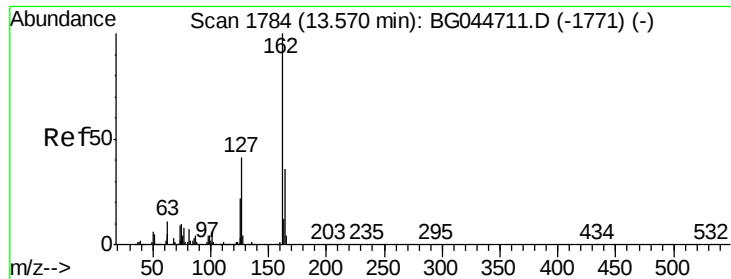
mohammad
3/11/2020 4:56:55 PM



#46
1,1'-Biphenyl
Concen: 77.051 ng
RT: 13.53 min Scan# 1777
Delta R.T. 0.00 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	45.5	22.0	62.0
76	16.2	0.0	34.2





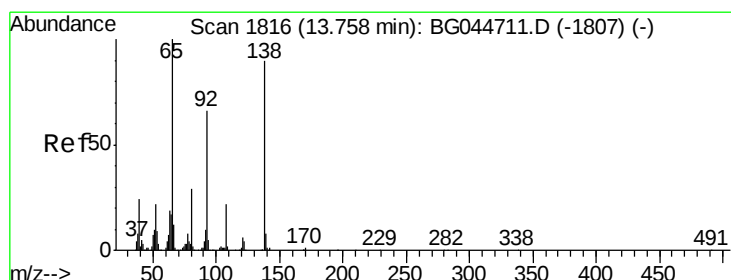
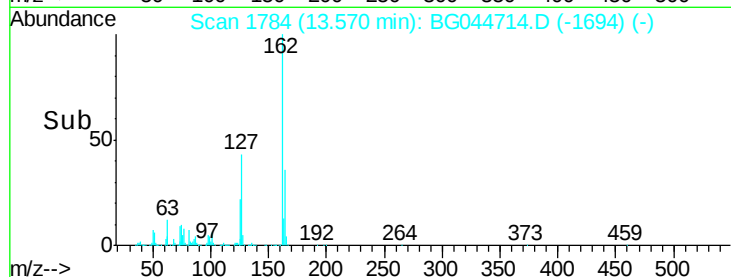
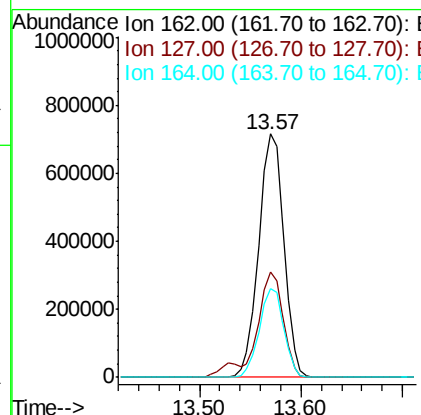
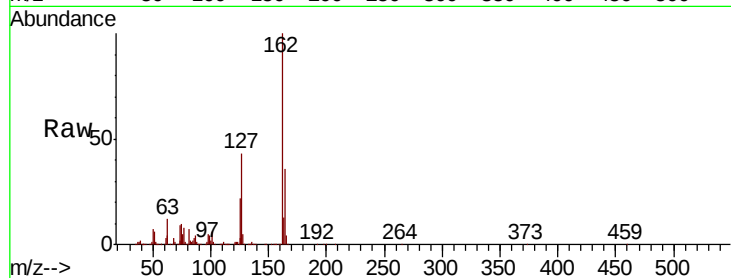
#47
 2-Chloronaphthalene
 Concen: 78.501 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: BG044714.D
 Acq: 10 Mar 2020 14:25

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
162	100		
127	43.1	32.6	48.8
164	36.2	29.0	43.4

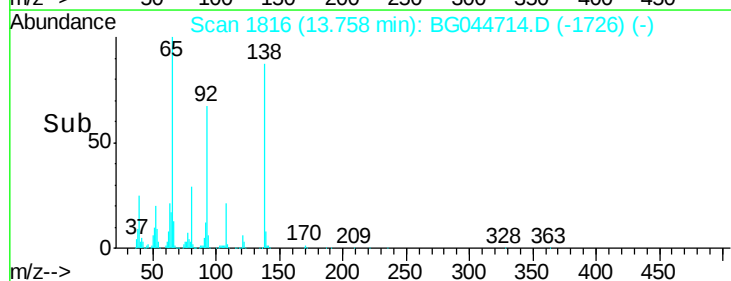
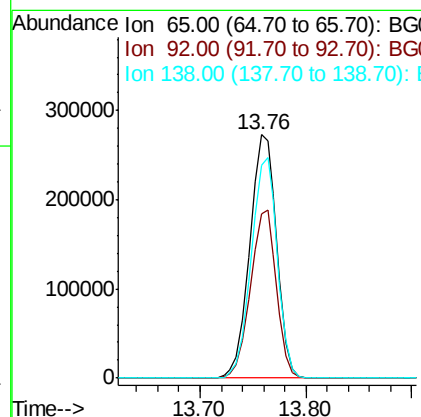
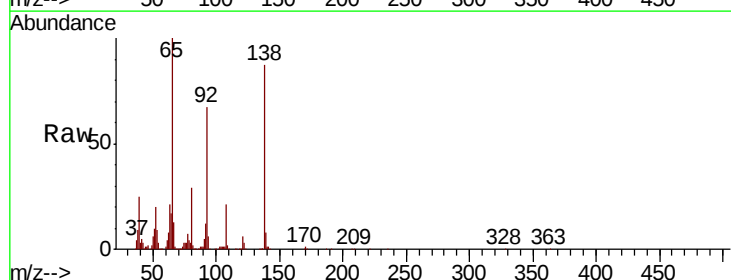
Manual Integrations
 APPROVED

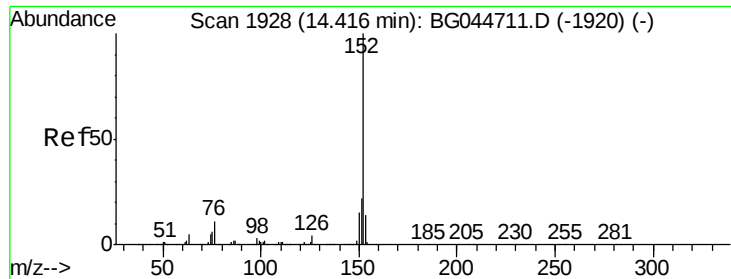
mohammad
 3/11/2020 4:56:55 PM



#48
 2-Nitroaniline
 Concen: 91.167 ng
 RT: 13.76 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: BG044714.D
 Acq: 10 Mar 2020 14:25

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.4	52.6	79.0
138	87.2	71.8	107.6





#49

Acenaphthylene

Concen: 75.348 ng

RT: 14.42 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

Instrument :

BNA_G

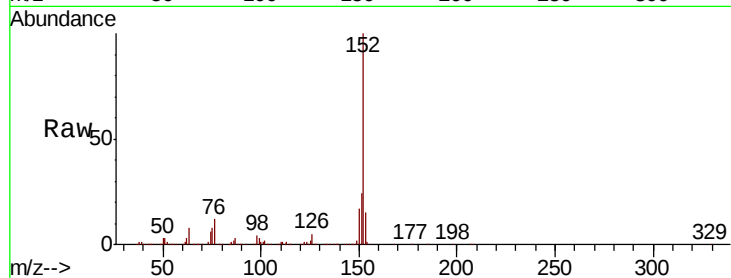
ClientSampleId :

SSTDICC080

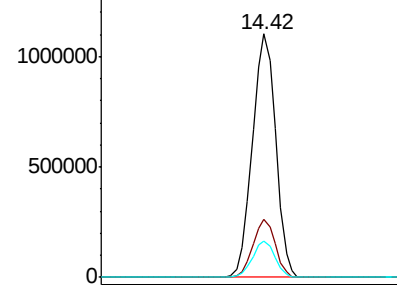
Tot Ion:	152	Resp:	1893934
Ion	Ratio	Lower	Upper
152	100		
151	23.6	17.8	26.8
153	15.1	11.4	17.0

Manual Integrations
APPROVED

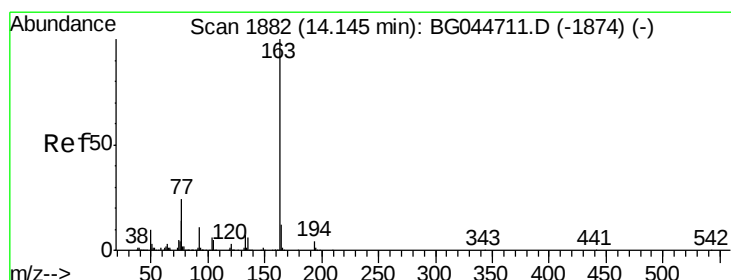
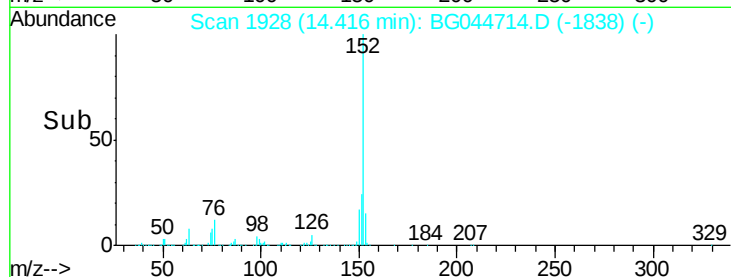
mohammad
3/11/2020 4:56:55 PM



Abundance Ion 152.00 (151.70 to 152.70): E
1500000 Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



Time-->



#50

Dimethylphthalate

Concen: 73.302 ng

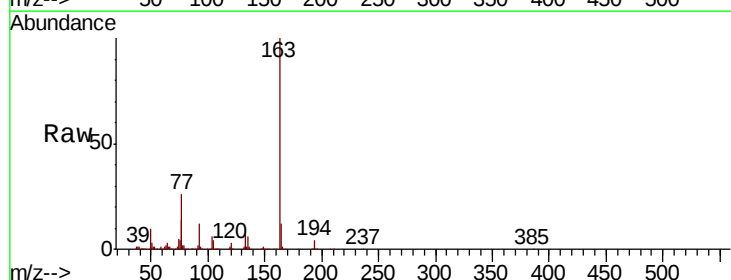
RT: 14.15 min Scan# 1883

Delta R.T. 0.01 min

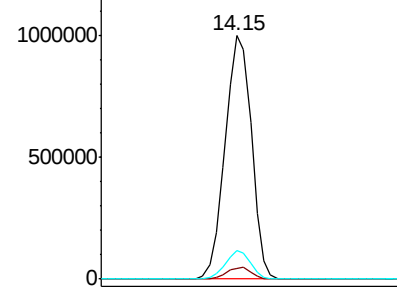
Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

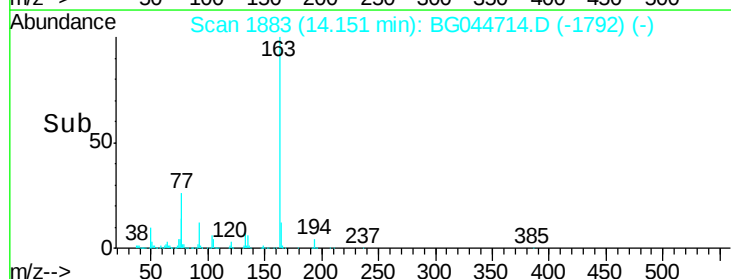
Tgt Ion:	163	Resp:	1575903
Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	11.8	9.2	13.8

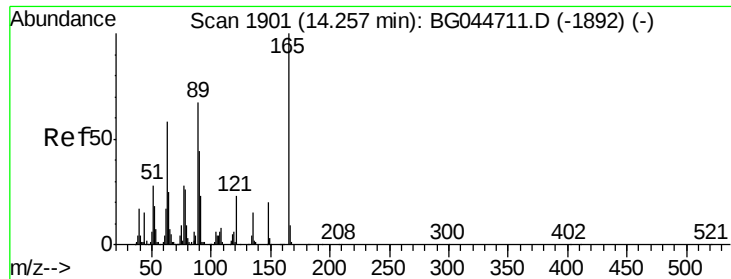


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



Time-->





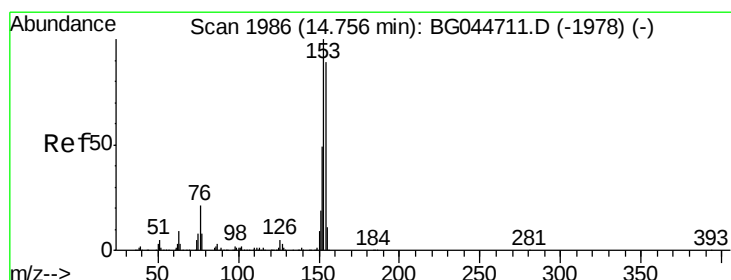
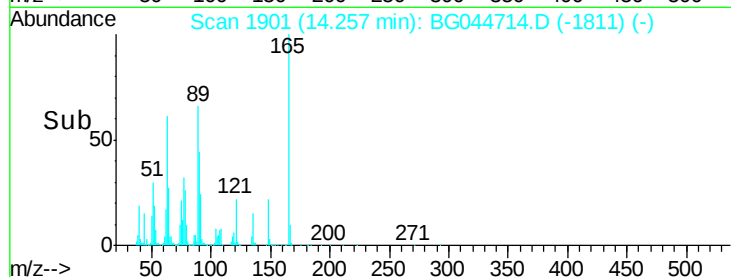
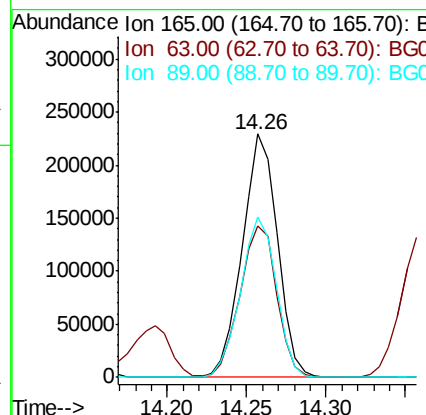
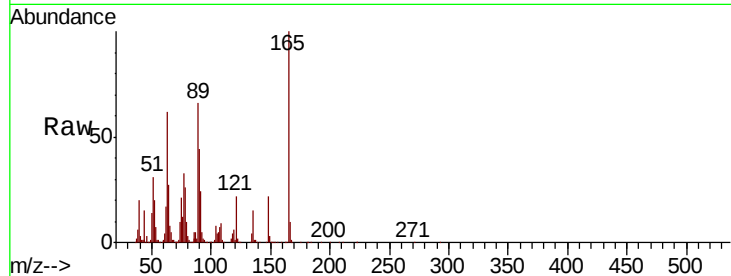
#51
 2,6-Dinitrotoluene
 Concen: 91.272 ng
 RT: 14.26 min Scan# 1901
 Delta R.T. 0.00 min
 Lab File: BG044714.D
 Acq: 10 Mar 2020 14:25

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
165	100		
63	62.2	48.9	73.3
89	65.7	53.8	80.8

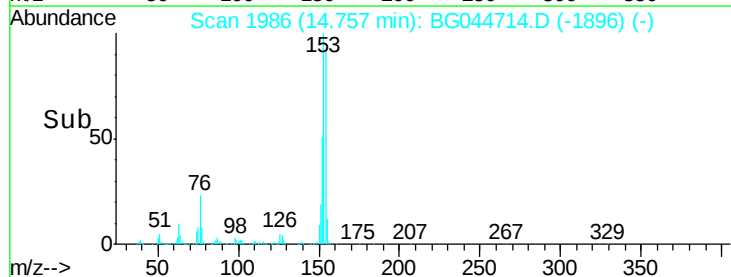
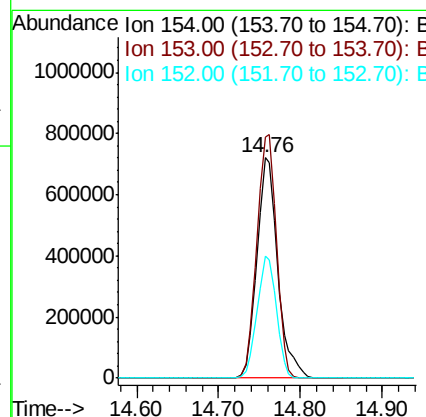
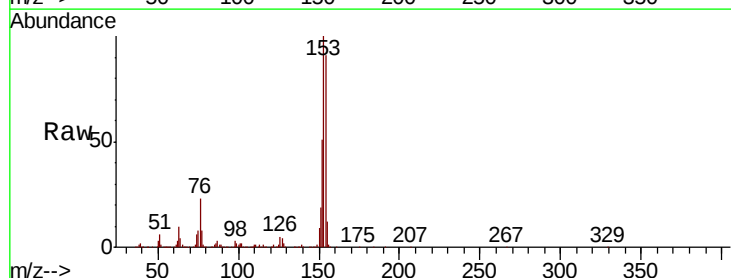
Manual Integrations
 APPROVED

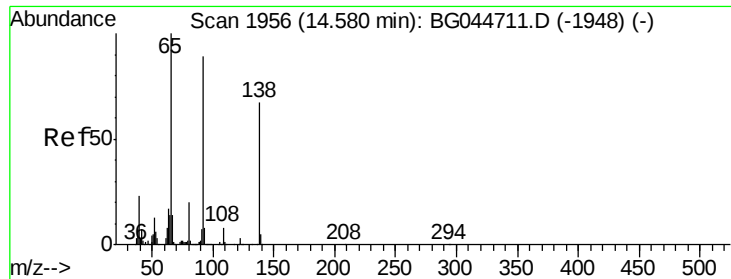
mohammad
 3/11/2020 4:56:55 PM



#52
 Acenaphthene
 Concen: 78.931 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: BG044714.D
 Acq: 10 Mar 2020 14:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.7	89.8	134.8
152	55.5	44.4	66.6





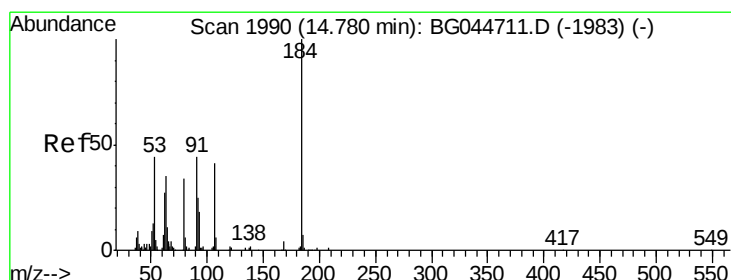
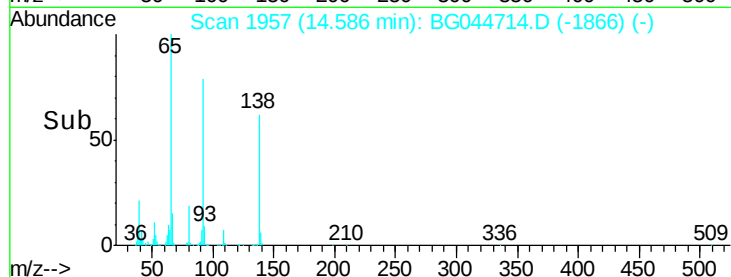
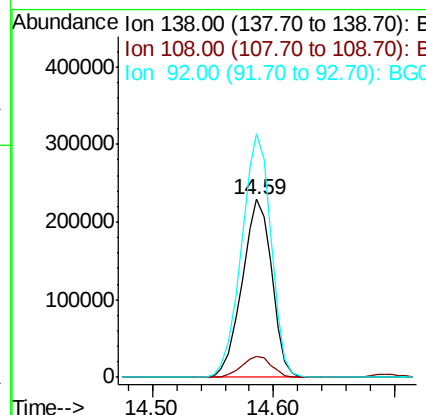
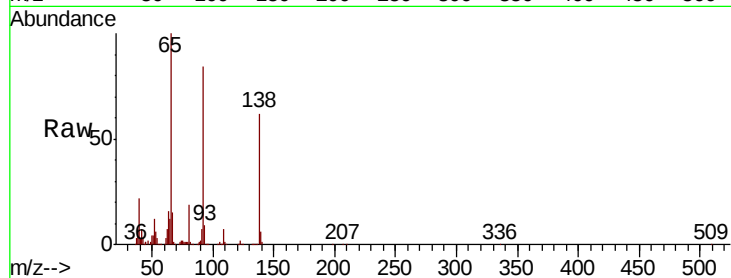
#53
3-Nitroaniline
Concen: 88.235 ng
RT: 14.59 min Scan# 1957
Delta R.T. 0.01 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.8	9.2	13.8
92	136.9	105.6	158.4

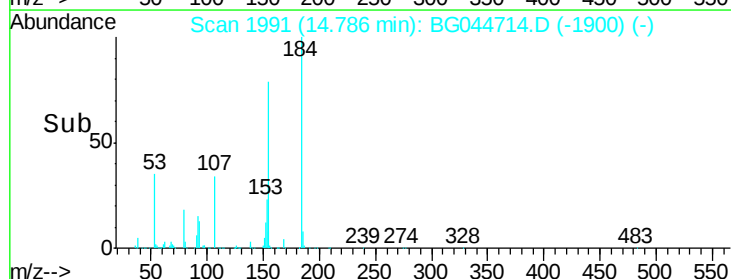
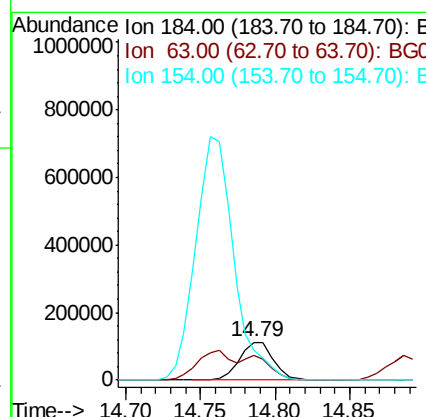
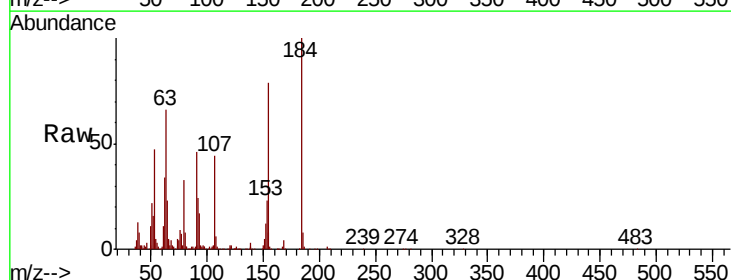
Manual Integrations
APPROVED

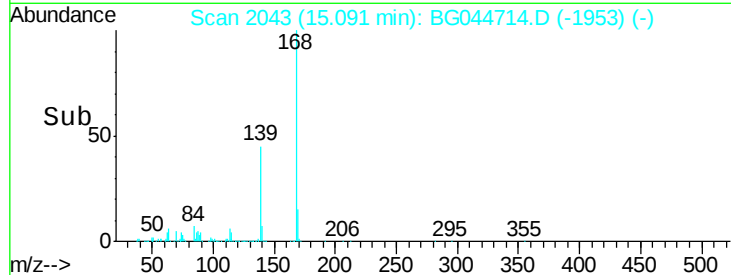
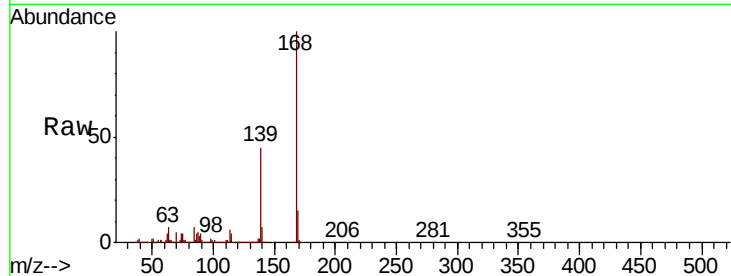
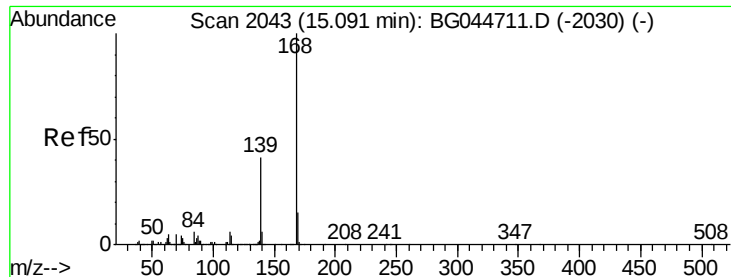
mohammad
3/11/2020 4:56:55 PM



#54
2,4-Dinitrophenol
Concen: 98.757 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.4	49.0	73.6
154	78.6	94.5	141.7#





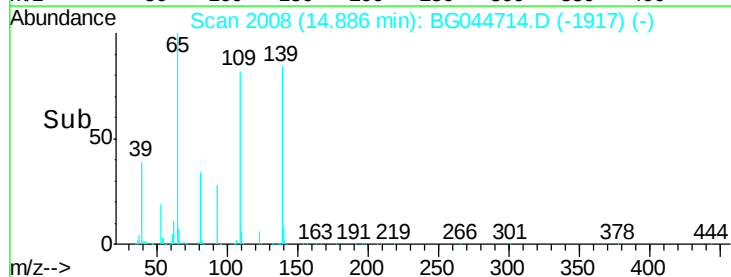
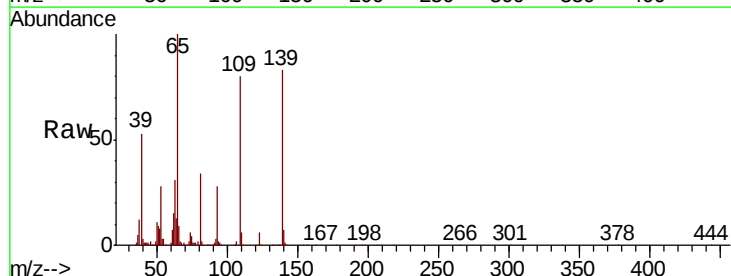
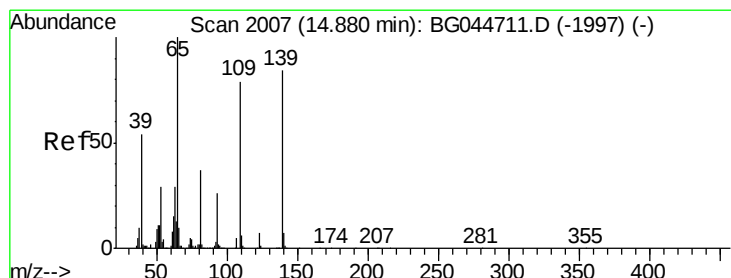
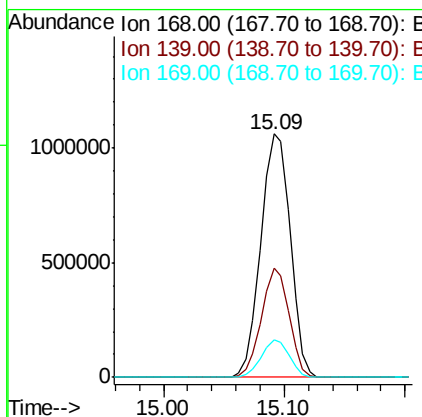
#55
Dibenzofuran
Concen: 73.652 ng
RT: 15.09 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

Tot	Ion:168	Resp:	1793677
Ion	Ratio	Lower	Upper
168	100		
139	45.1	32.6	49.0
169	15.3	11.8	17.6

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

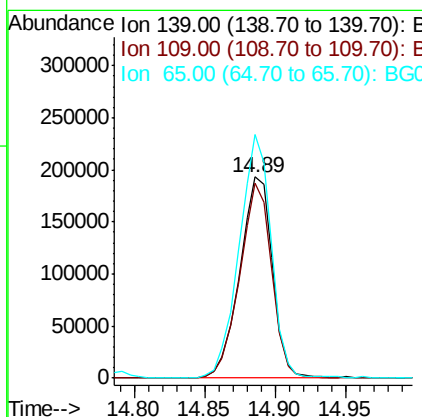
Manual Integrations
APPROVED

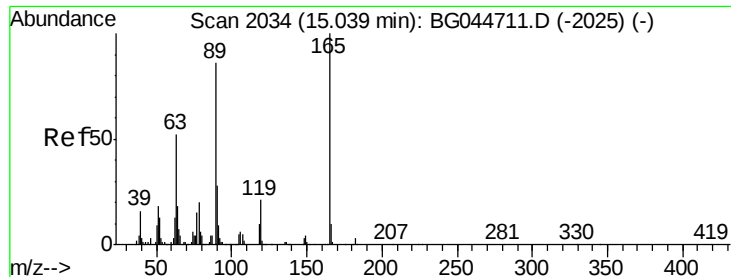
mohammad
3/11/2020 4:56:55 PM



#56
4-Nitrophenol
Concen: 90.292 ng
RT: 14.89 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

Tgt Ion:139	Resp: 312763
Ion Ratio	Lower Upper
139 100	
109 97.3	74.1 114.1
65 121.1	98.6 138.6





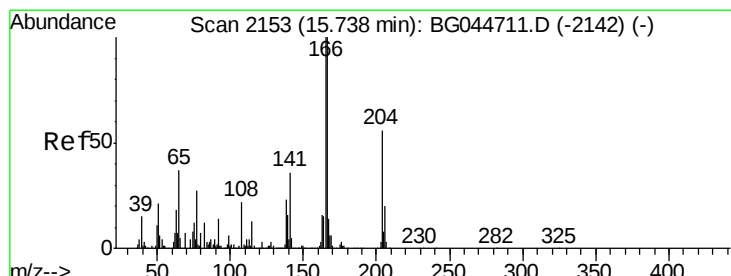
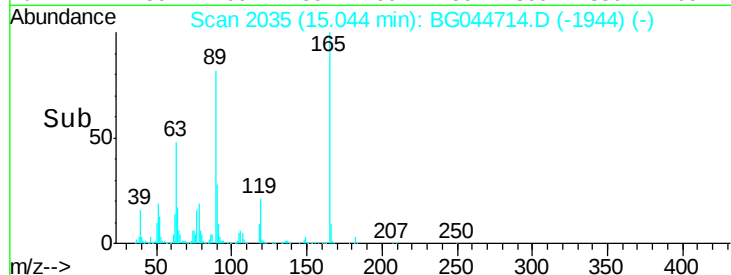
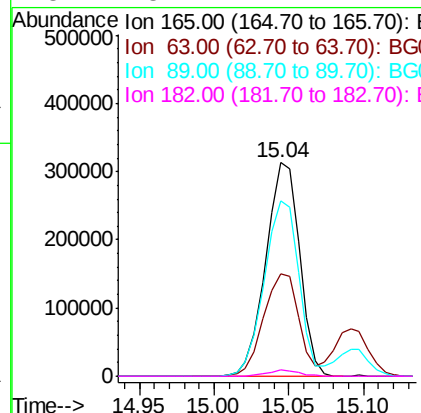
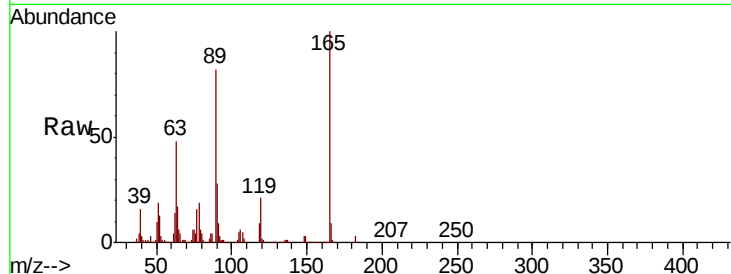
#57
2,4-Dinitrotoluene
Concen: 95.384 ng
RT: 15.04 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
165	100	492354		
63	48.1	41.5	62.3	
89	82.3	69.0	103.4	
182	3.1	2.7	4.1	

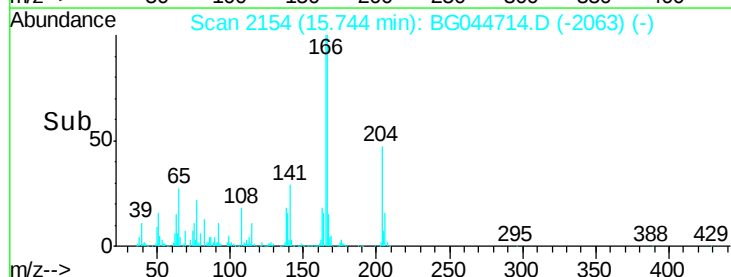
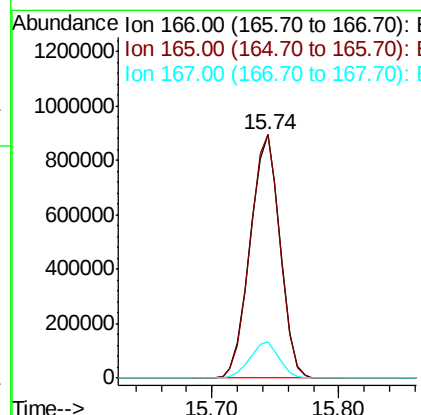
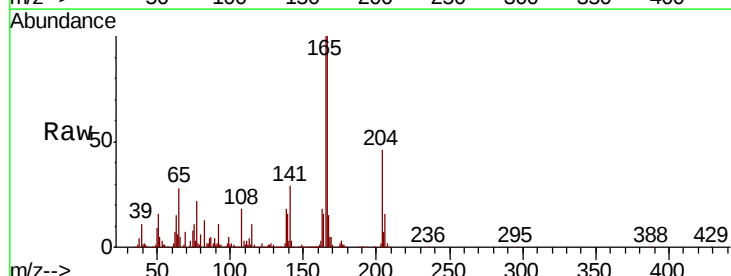
Manual Integrations
APPROVED

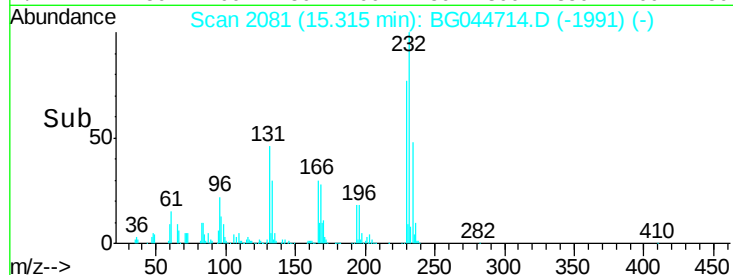
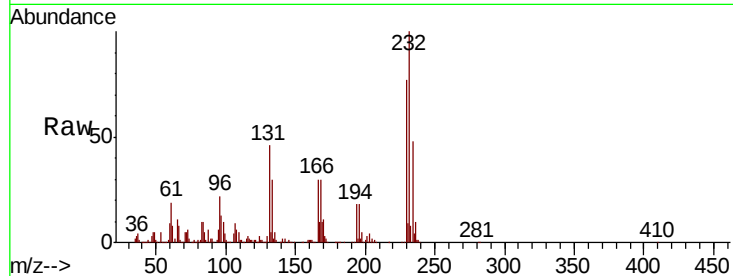
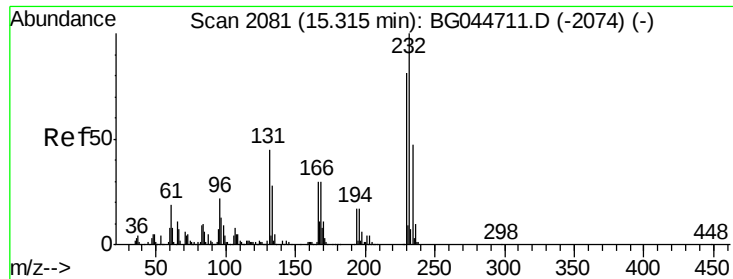
mohammad
3/11/2020 4:56:55 PM



#58
Fluorene
Concen: 72.733 ng
RT: 15.74 min Scan# 2154
Delta R.T. 0.01 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1465041		
165	99.8	79.6	119.4	
167	14.9	11.4	17.2	





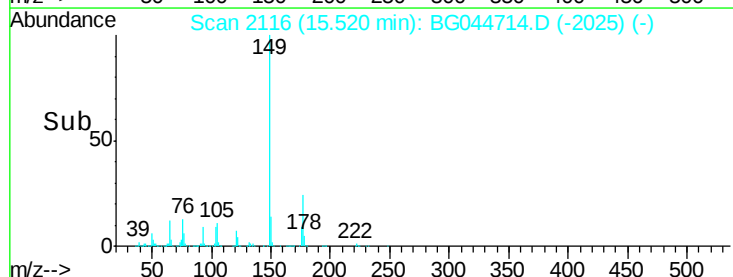
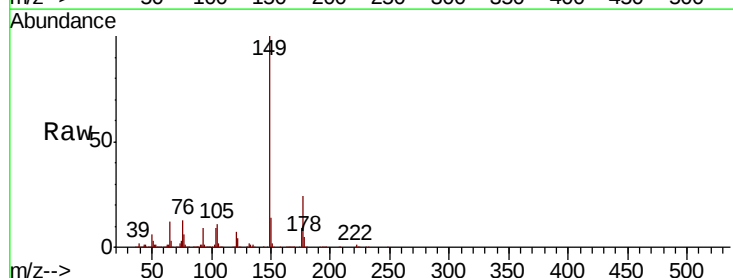
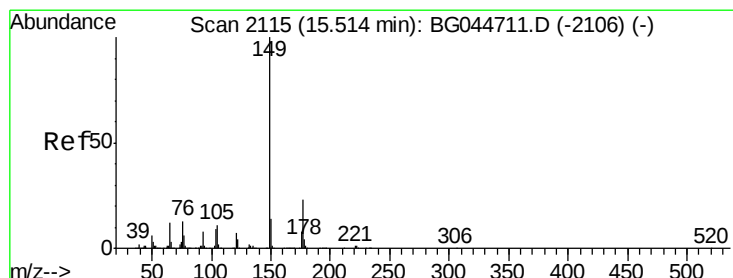
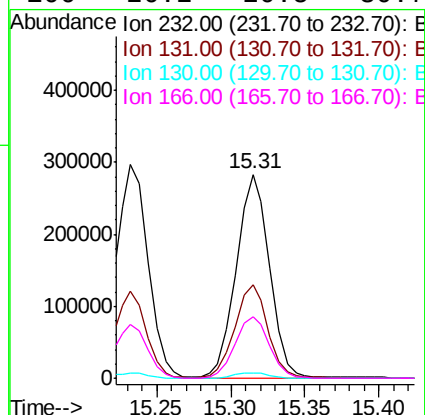
#59
2,3,4,6-Tetrachlorophenol
Concen: 78.191 ng
RT: 15.31 min Scan# 2081
Delta R.T. 0.00 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.8	32.4	48.6
130	2.7	2.0	3.0
166	26.2	20.5	30.7

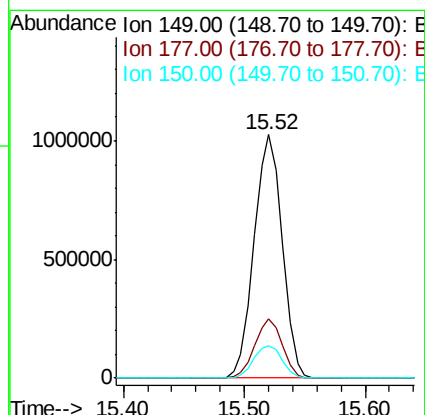
Manual Integrations
APPROVED

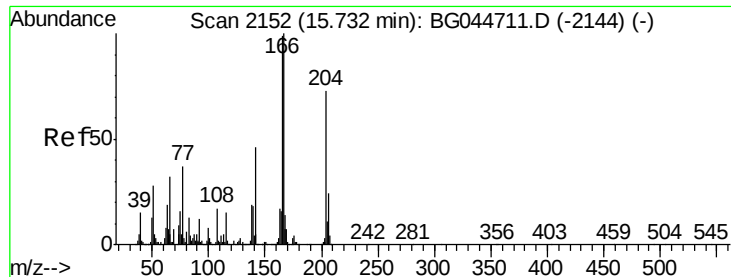
mohammad
3/11/2020 4:56:55 PM



#60
Diethylphthalate
Concen: 72.165 ng
RT: 15.52 min Scan# 2116
Delta R.T. 0.01 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.3	18.8	28.2
150	13.6	11.2	16.8





#61

4-Chlorophenyl-phenylether

Concen: 74.190 ng

RT: 15.74 min Scan# 2153

Delta R.T. 0.01 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

Instrument :

BNA_G

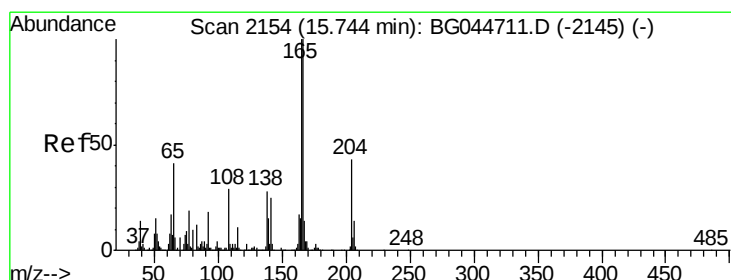
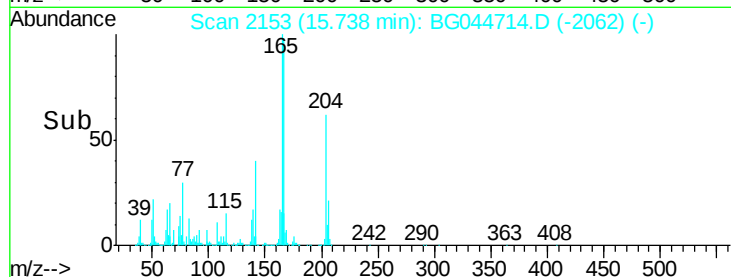
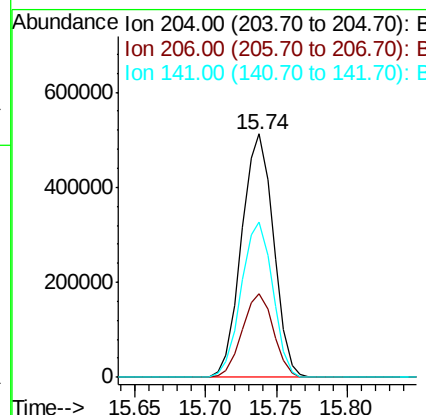
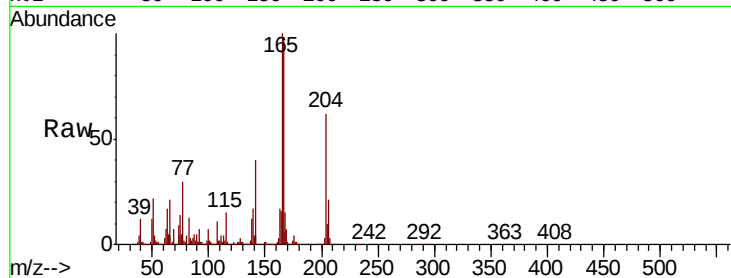
ClientSampleId :

SSTDIC080

Tot Ion:	204	Resp:	810882
Ion Ratio	Lower	Upper	
204	100		
206	34.4	25.8	38.6
141	63.9	50.8	76.2

Manual Integrations
APPROVED

mohammad
3/11/2020 4:56:55 PM



#62

4-Nitroaniline

Concen: 84.772 ng

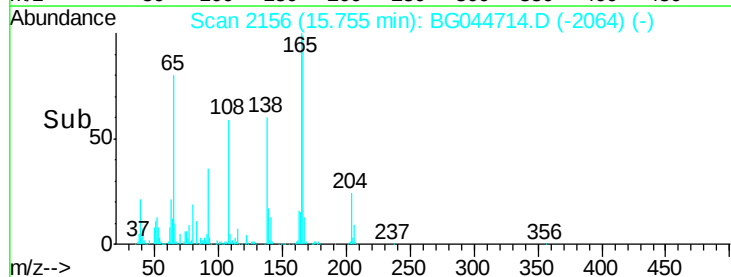
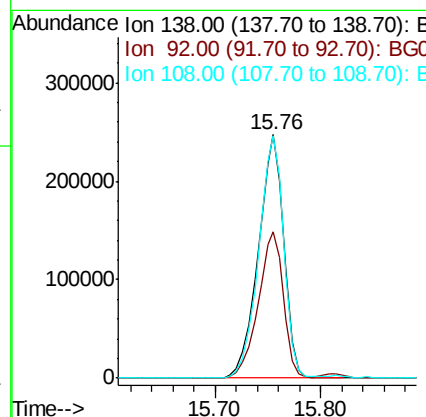
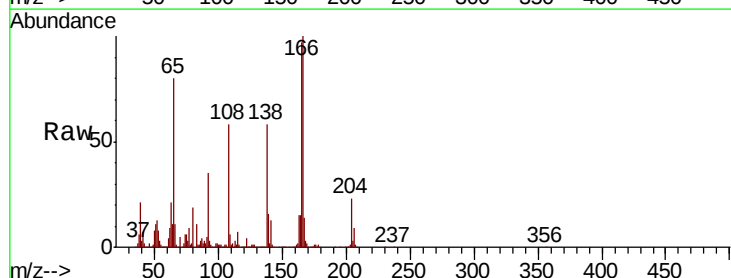
RT: 15.76 min Scan# 2156

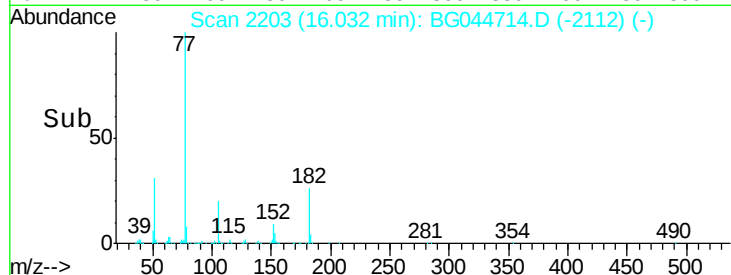
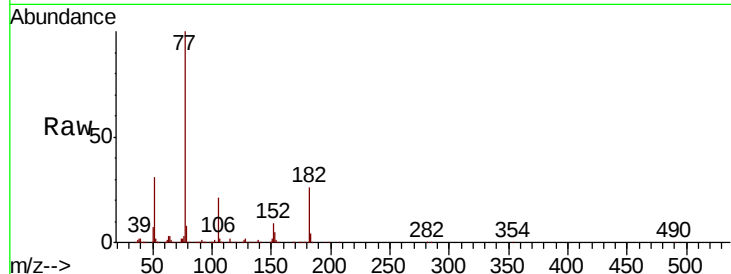
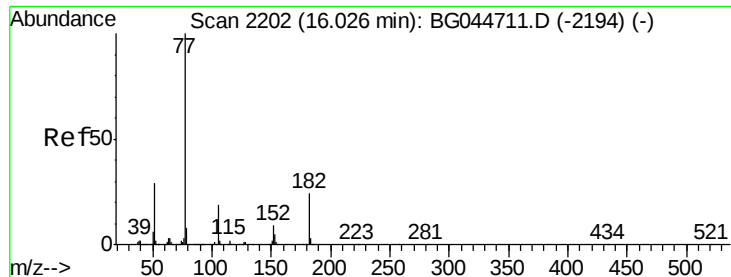
Delta R.T. 0.01 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

Tgt Ion:	138	Resp:	415685
Ion Ratio	Lower	Upper	
138	100		
92	59.9	42.1	82.1
108	99.7	81.2	121.2





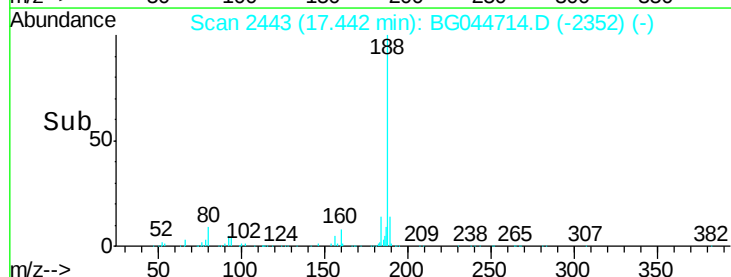
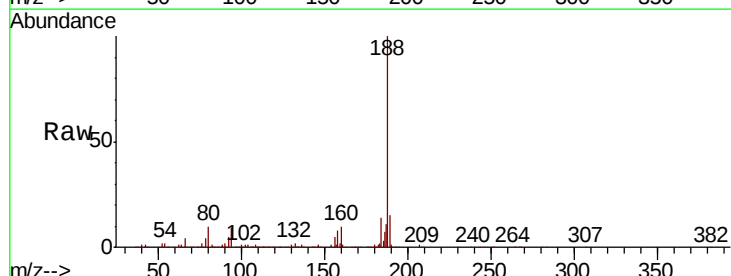
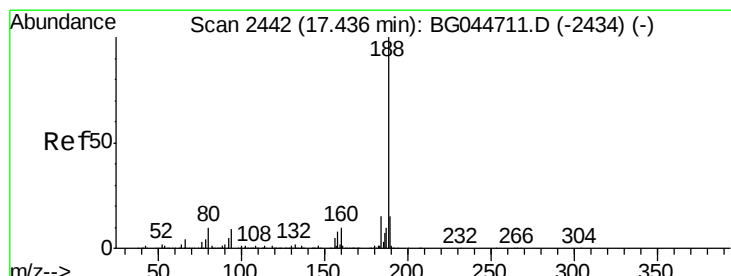
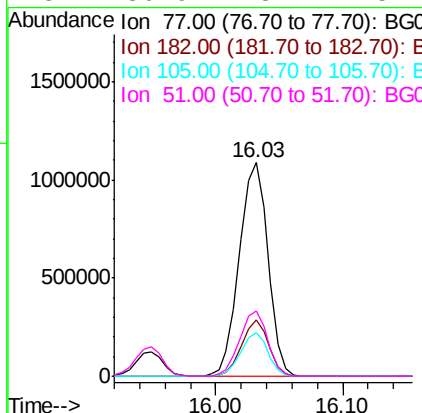
#63
Azobenzene
Concen: 70.960 ng
RT: 16.03 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.2	3.6	43.6	
105	20.6	0.0	39.3	
51	30.9	8.7	48.7	

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

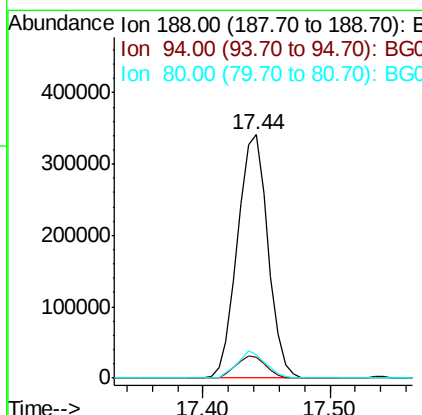
Manual Integrations
APPROVED

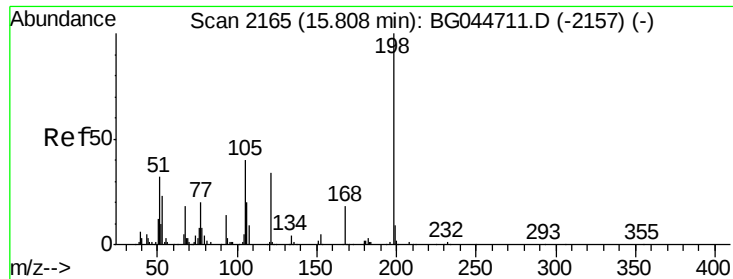
mohammad
3/11/2020 4:56:55 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.01 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.8	7.0	10.6	
80	9.9	8.4	12.6	





#65

4,6-Dinitro-2-methylphenol

Concen: 99.726 ng

RT: 15.81 min Scan# 2166

Delta R.T. 0.01 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

Instrument :

BNA_G

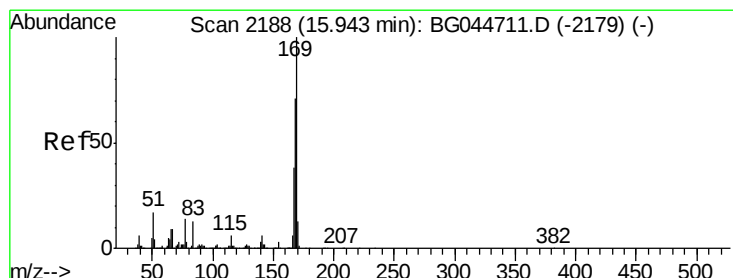
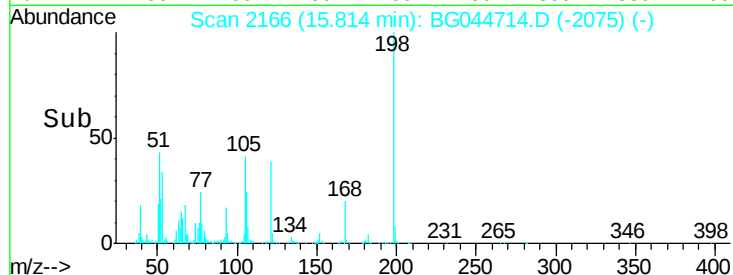
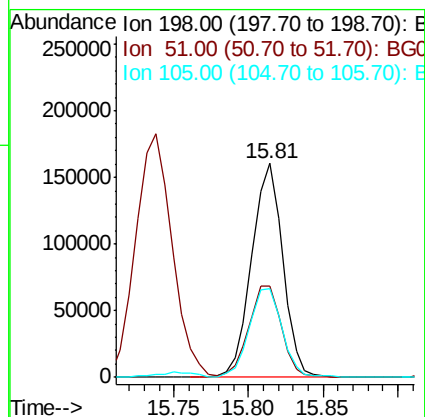
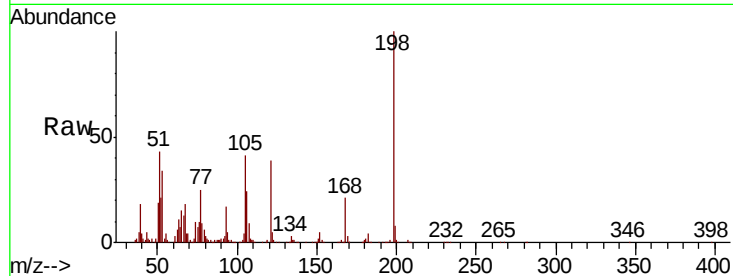
ClientSampleId :

SSTDIC080

Tot Ion:	198	Resp:	230788
Ion Ratio	Lower	Upper	
198	100		
51	42.7	20.1	60.1
105	41.2	21.3	61.3

Manual Integrations
APPROVED

mohammad
3/11/2020 4:56:55 PM



#66

n-Nitrosodiphenylamine

Concen: 76.469 ng

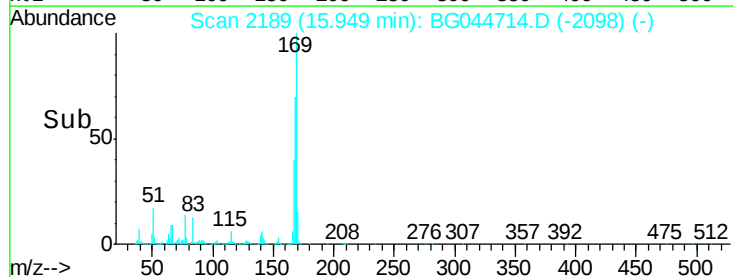
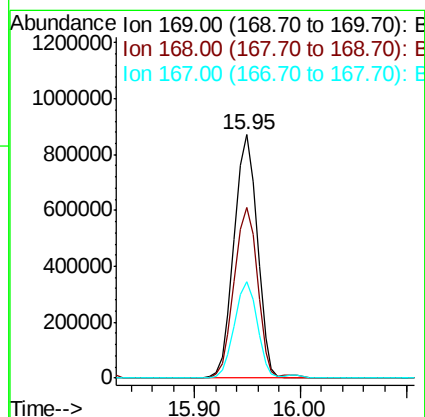
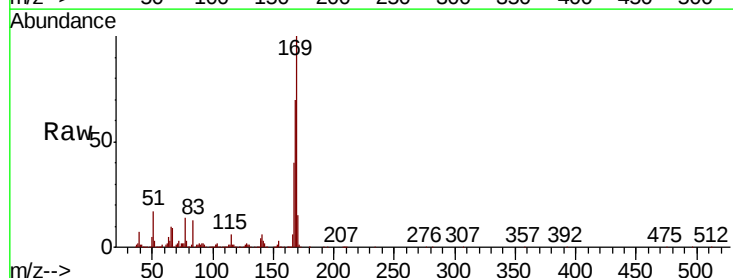
RT: 15.95 min Scan# 2189

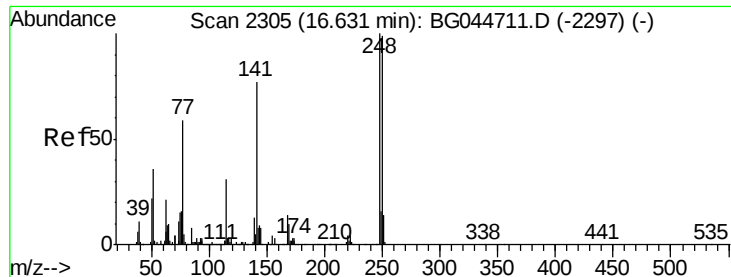
Delta R.T. 0.01 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

Tgt Ion:	169	Resp:	1324421
Ion Ratio	Lower	Upper	
169	100		
168	70.3	56.6	85.0
167	39.6	30.1	45.1





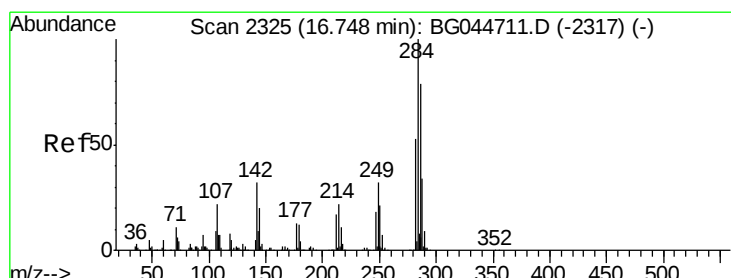
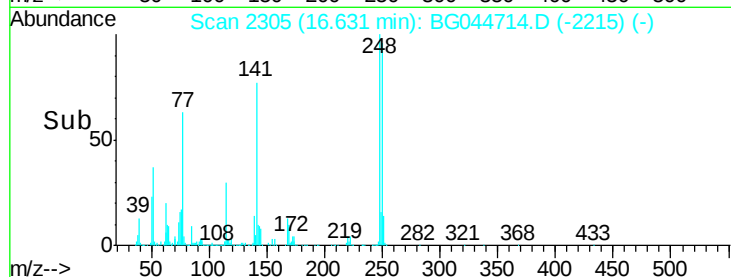
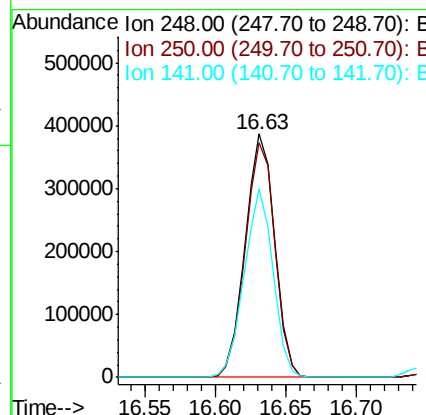
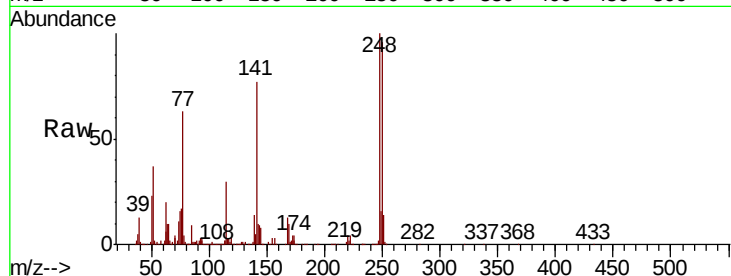
#67
4-Bromophenyl-phenylether
Concen: 79.248 ng
RT: 16.63 min Scan# 2305
Delta R.T. 0.00 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	79.4	119.0
141	77.3	61.7	92.5

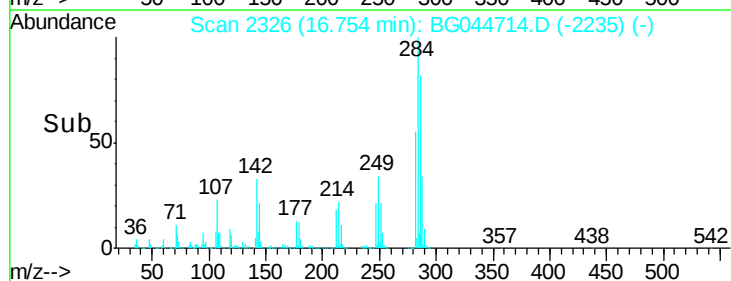
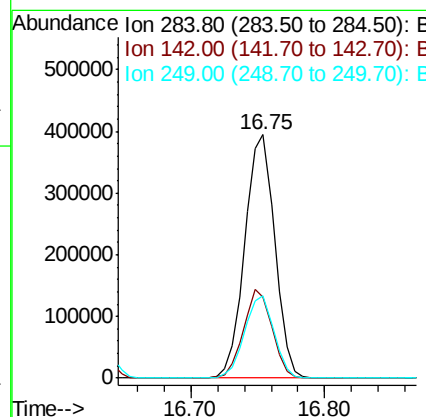
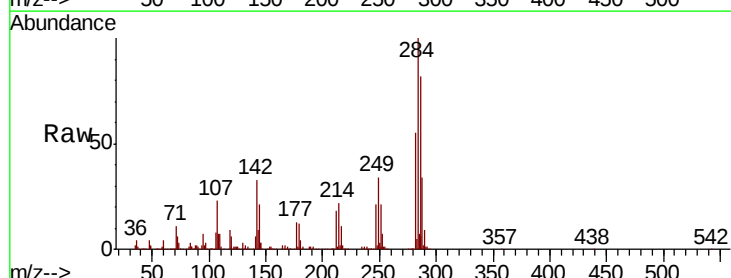
Manual Integrations
APPROVED

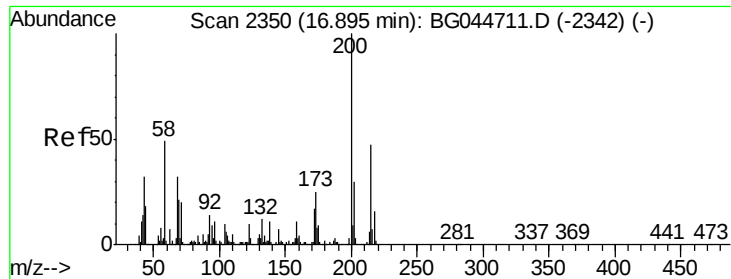
mohammad
3/11/2020 4:56:55 PM



#68
Hexachlorobenzene
Concen: 78.924 ng
RT: 16.75 min Scan# 2326
Delta R.T. 0.01 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.2	25.6	38.4
249	33.8	25.8	38.6





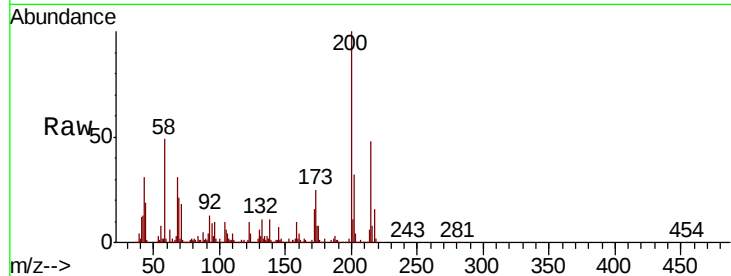
#69
Atrazine
Concen: 68.412 ng
RT: 16.90 min Scan# 2351
Delta R.T. 0.01 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.0	4.8	44.8
215	47.7	27.4	67.4

Manual Integrations
APPROVED

mohammad
3/11/2020 4:56:55 PM

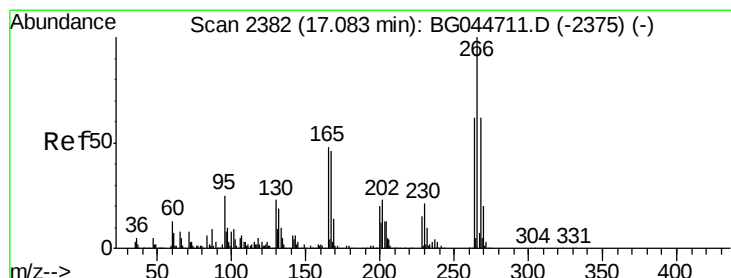
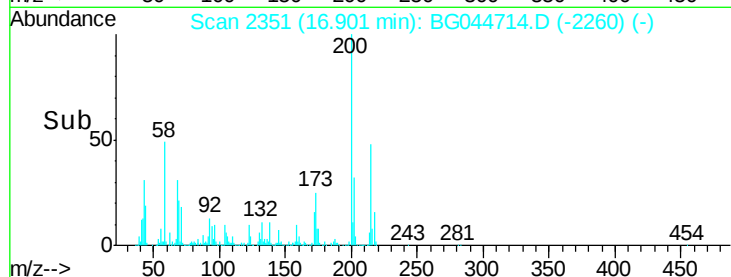
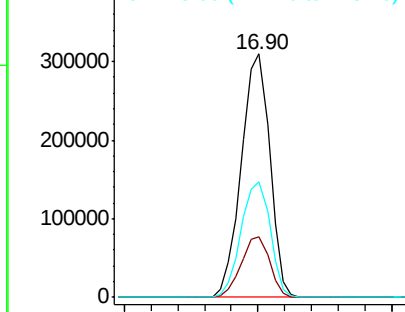


Abundance

Ion 200.00 (199.70 to 200.70): E

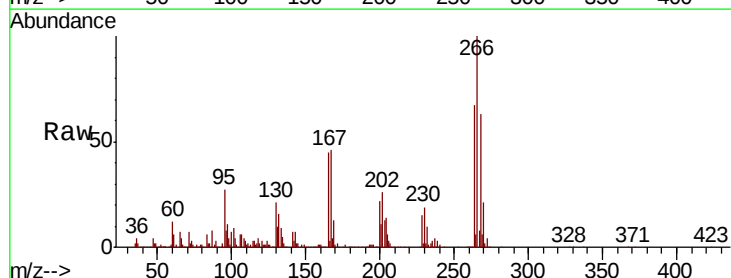
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 82.825 ng
RT: 17.09 min Scan# 2383
Delta R.T. 0.01 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	49.9	74.9
264	66.7	49.9	74.9

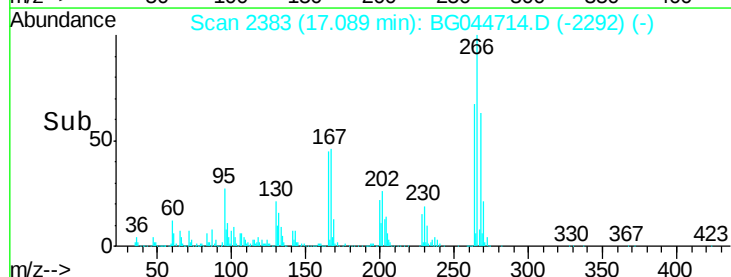
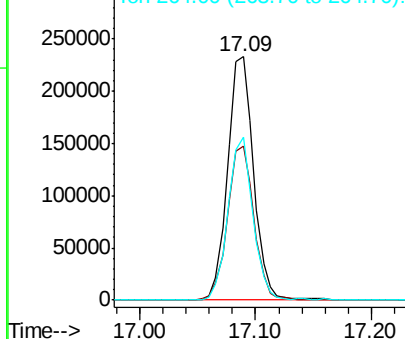


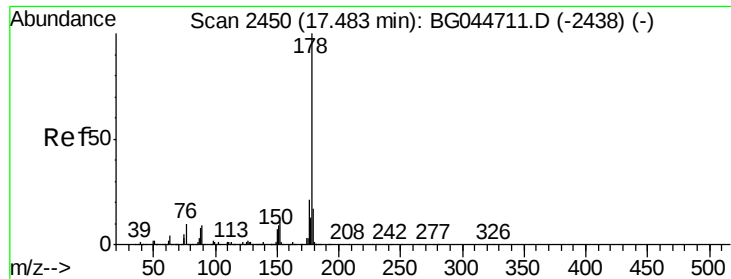
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 74.354 ng

RT: 17.48 min Scan# 2450

Delta R.T. 0.00 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

Instrument :

BNA_G

ClientSampleId :

SSTDIC080

Tot Ion:178 Resp: 2309506

Ion Ratio Lower Upper

178 100

176 23.7 17.0 25.6

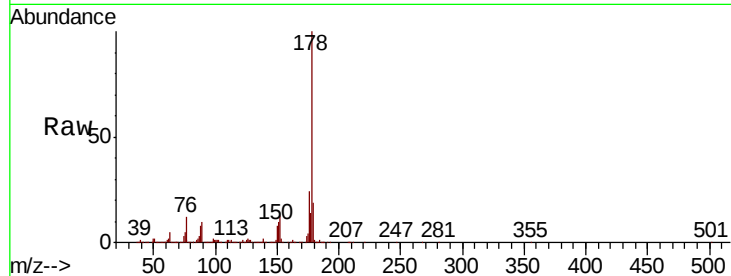
179 19.0 13.7 20.5

Manual Integrations

APPROVED

mohammad

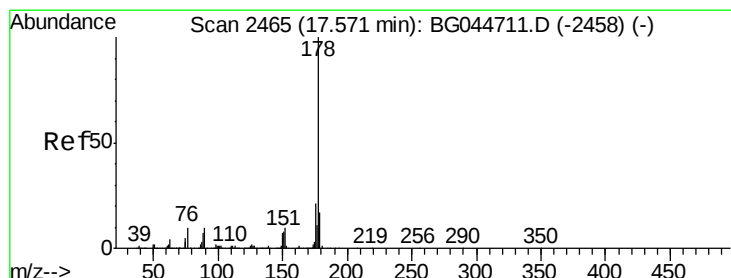
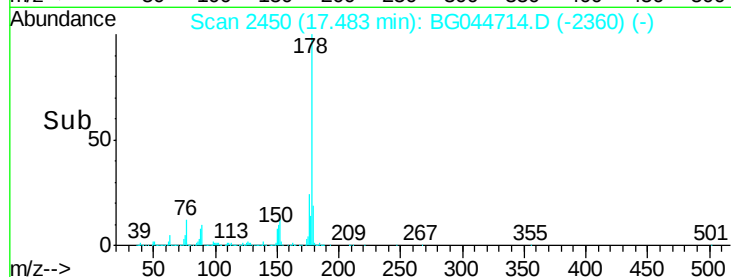
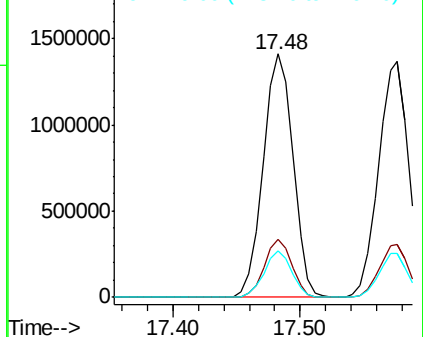
3/11/2020 4:56:55 PM



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: 73.844 ng

RT: 17.58 min Scan# 2466

Delta R.T. 0.01 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

Tgt Ion:178 Resp: 2259107

Ion Ratio Lower Upper

178 100

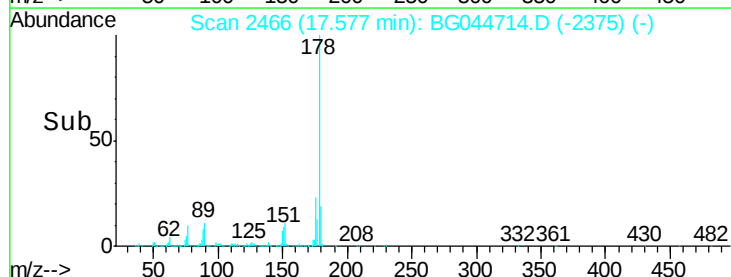
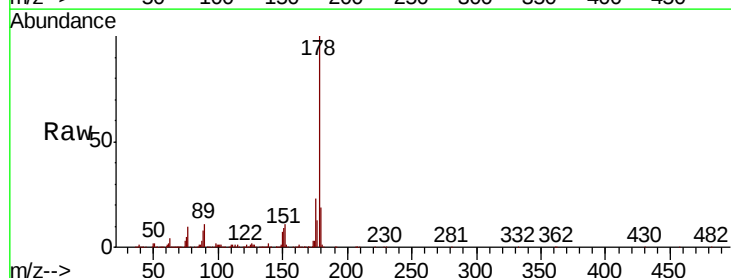
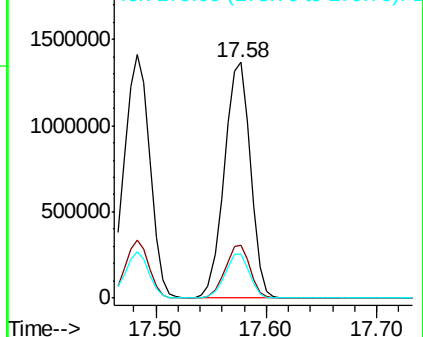
176 22.5 17.0 25.6

179 18.9 13.8 20.8

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 74.306 ng

RT: 17.84 min Scan# 2510

Delta R.T. 0.00 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tot Ion:167 Resp: 2177070

Ion Ratio Lower Upper

167 100

166 27.0 19.6 29.4

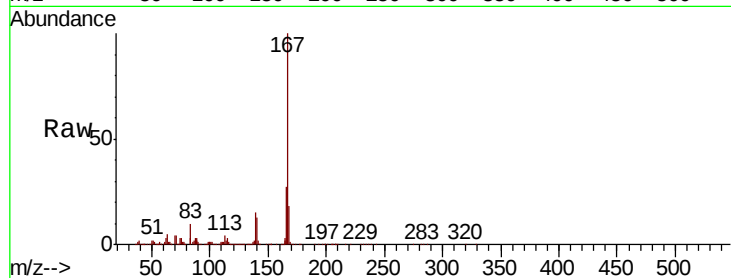
139 15.3 11.4 17.2

Manual Integrations

APPROVED

mohammad

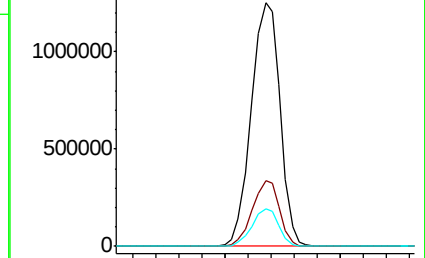
3/11/2020 4:56:55 PM



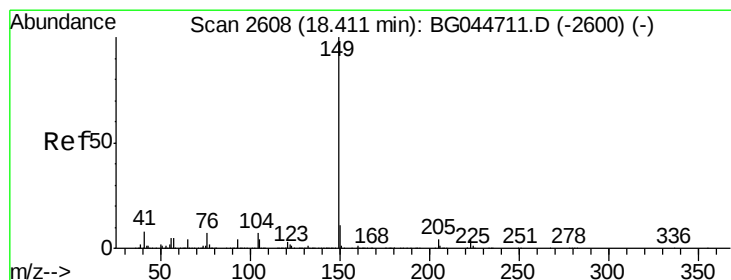
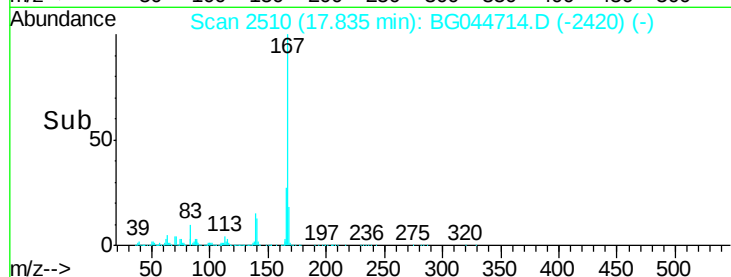
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#74

Di-n-butylphthalate

Concen: 71.122 ng

RT: 18.41 min Scan# 2608

Delta R.T. 0.00 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

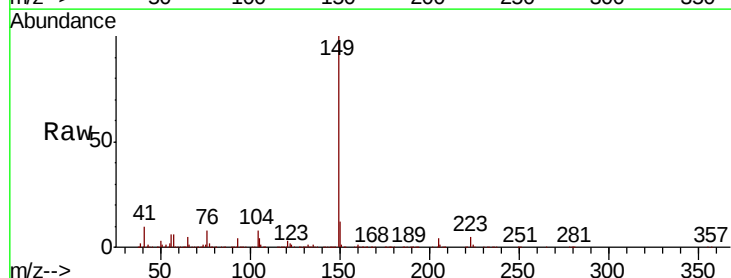
Tgt Ion:149 Resp: 2624361

Ion Ratio Lower Upper

149 100

150 12.4 8.4 12.6

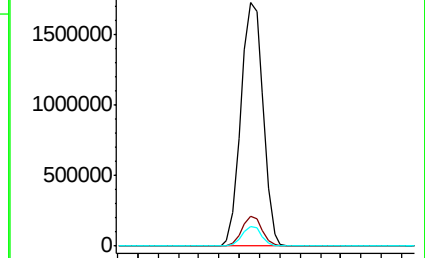
104 7.8 5.6 8.4



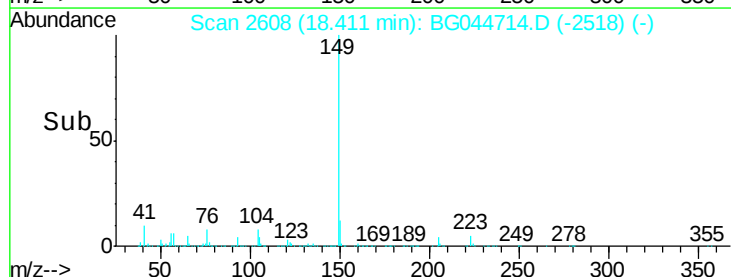
Abundance Ion 149.00 (148.70 to 149.70): E

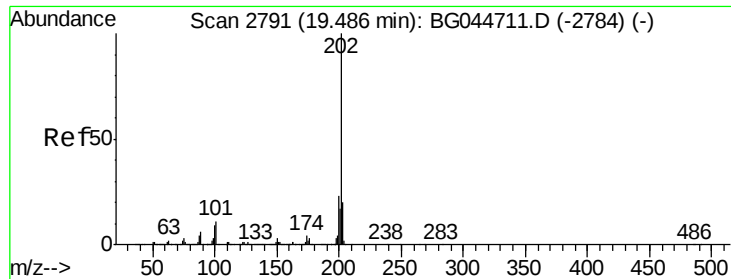
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->





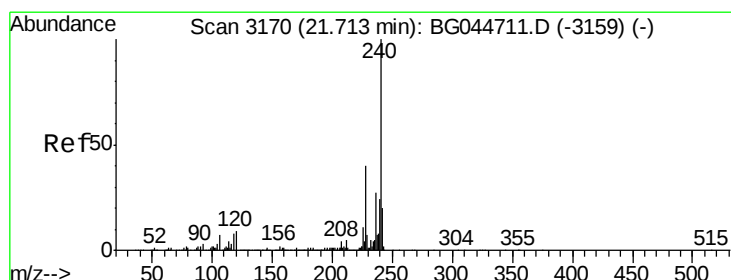
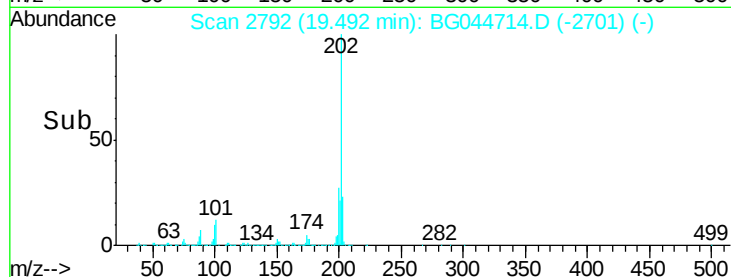
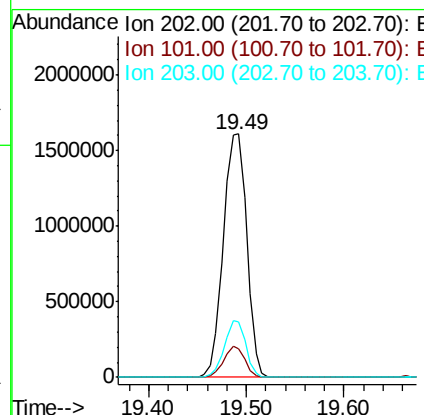
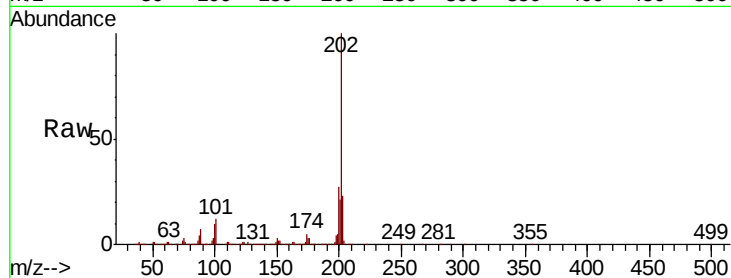
#75
 Fluoranthene
 Concen: 71.186 ng
 RT: 19.49 min Scan# 2792
 Delta R.T. 0.01 min
 Lab File: BG044714.D
 Acq: 10 Mar 2020 14:25

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	31.3
203	22.7	0.4	40.4

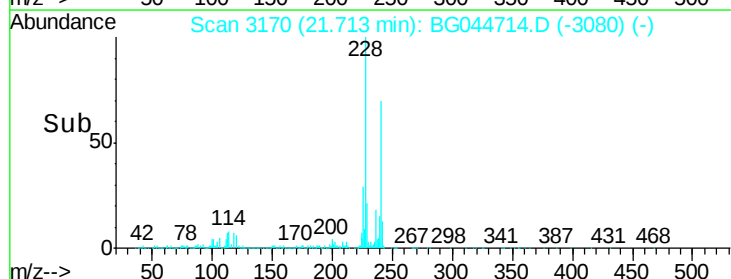
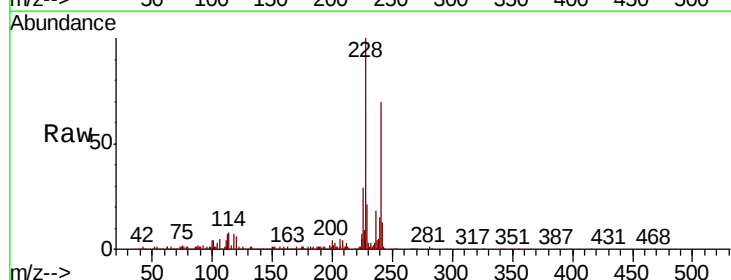
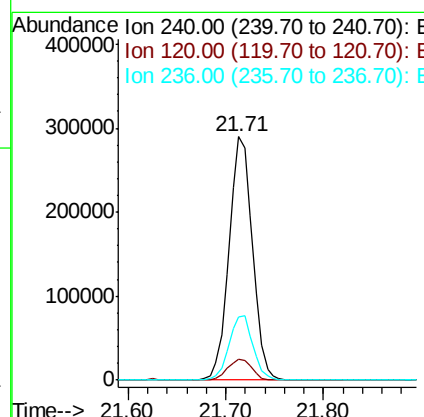
Manual Integrations
 APPROVED

mohammad
 3/11/2020 4:56:55 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3170
 Delta R.T. 0.00 min
 Lab File: BG044714.D
 Acq: 10 Mar 2020 14:25

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.8	6.9	10.3
236	26.0	21.9	32.9





#77

Benzidine

Concen: 64.020 ng

RT: 19.66 min Scan# 2821

Delta R.T. 0.01 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tot Ion:184 Resp: 1227460

Ion Ratio Lower Upper

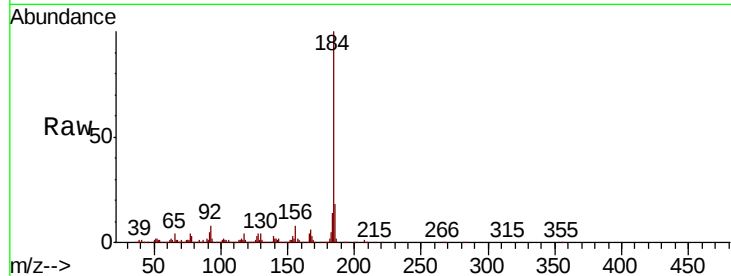
184 100

185 18.4 12.9 19.3

183 14.4 10.6 15.8

Manual Integrations
APPROVED

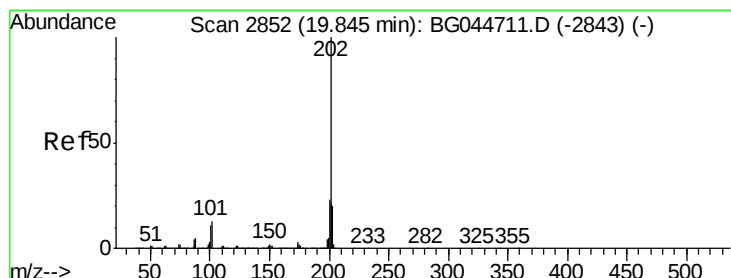
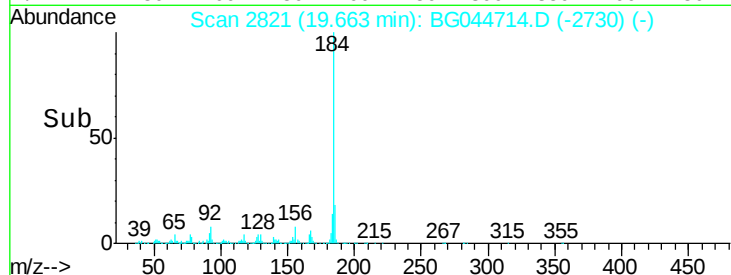
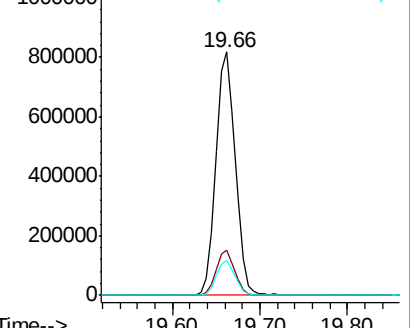
mohammad
3/11/2020 4:56:55 PM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 72.397 ng m

RT: 19.85 min Scan# 2853

Delta R.T. 0.01 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

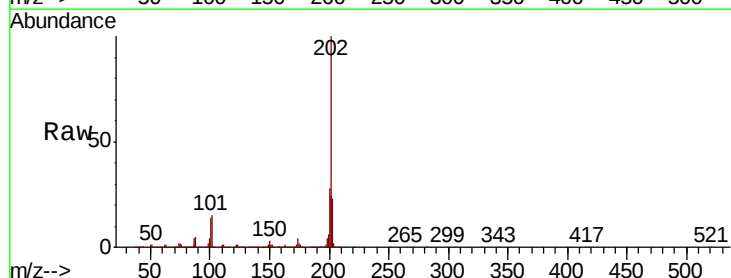
Tgt Ion:202 Resp: 2652266

Ion Ratio Lower Upper

202 100

200 28.4 18.7 28.1#

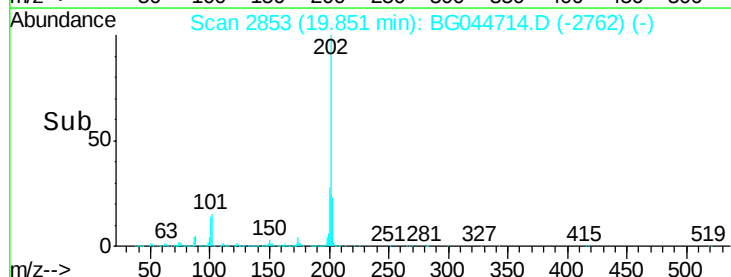
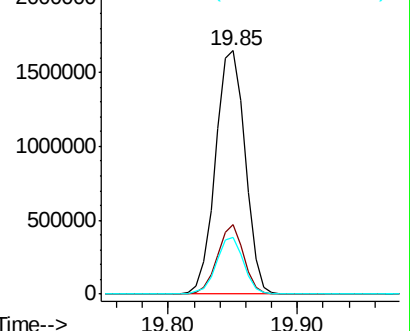
203 23.1 16.0 24.0

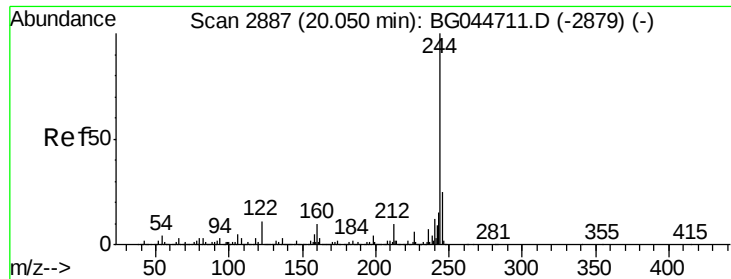


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 130.175 ng

RT: 20.06 min Scan# 2888

Delta R.T. 0.01 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

Instrument :

BNA_G

ClientSampled :

SSTDICC080

Tot Ion:244 Resp: 3502665

Ion Ratio Lower Upper

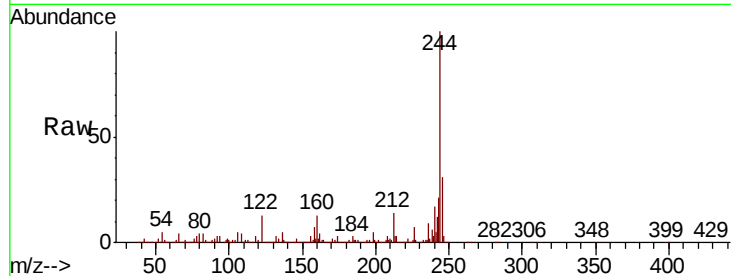
244 100

212 13.6 8.4 12.6#

122 13.3 8.7 13.1#

Manual Integrations
APPROVED

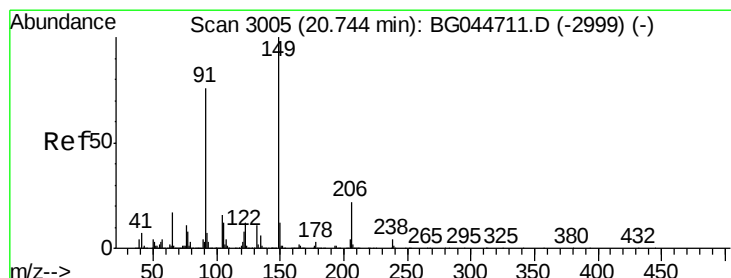
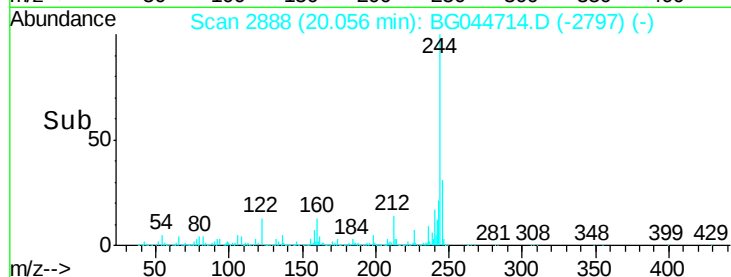
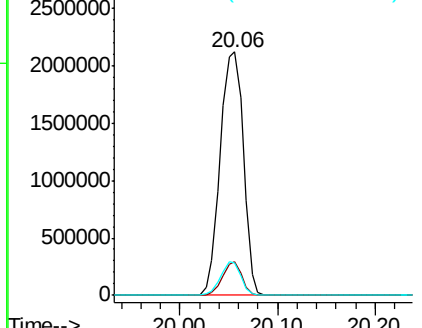
mohammad
3/11/2020 4:56:55 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 80.133 ng

RT: 20.74 min Scan# 3005

Delta R.T. 0.00 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

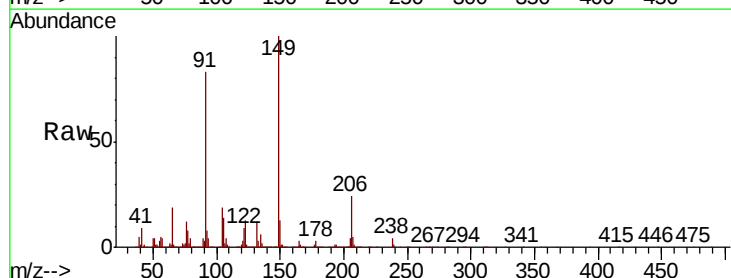
Tgt Ion:149 Resp: 1310345

Ion Ratio Lower Upper

149 100

91 82.7 61.1 91.7

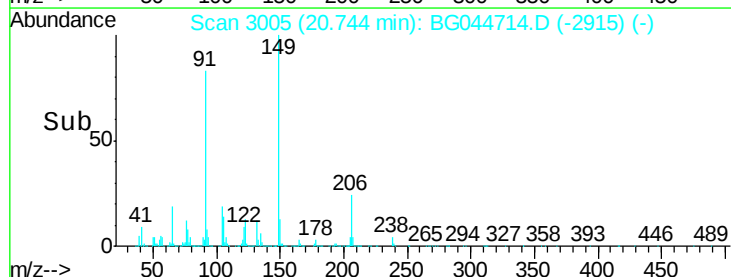
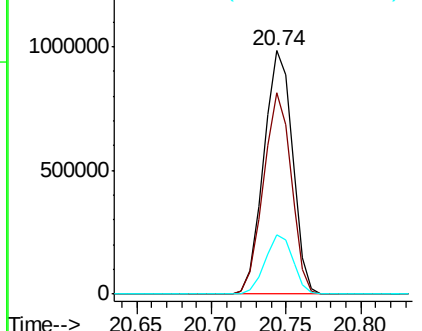
206 24.3 17.4 26.2

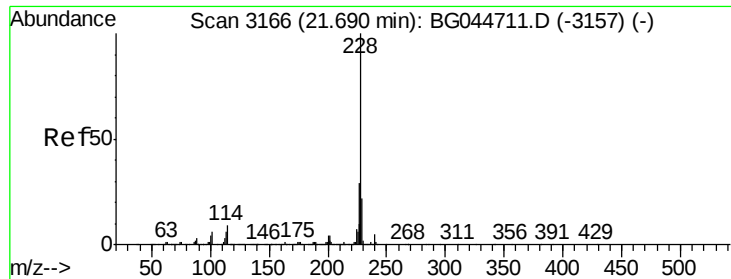


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 74.035 ng

RT: 21.70 min Scan# 3167

Delta R.T. 0.01 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

Instrument :

BNA_G

ClientSampleId :

SSTDIC080

Tot Ion:228 Resp: 2666667

Ion	Ratio	Lower	Upper
228	100		
226	33.0	23.5	35.3
229	24.0	17.2	25.8

228 100

226 33.0 23.5 35.3

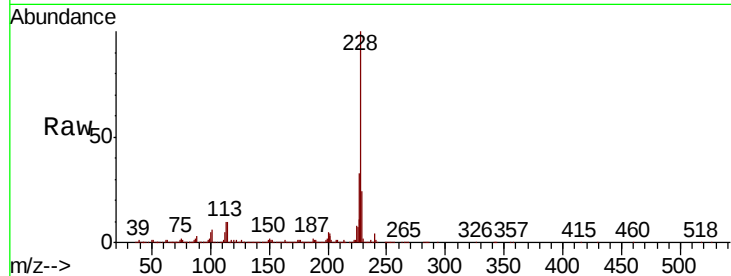
229 24.0 17.2 25.8

Manual Integrations

APPROVED

mohammad

3/11/2020 4:56:55 PM

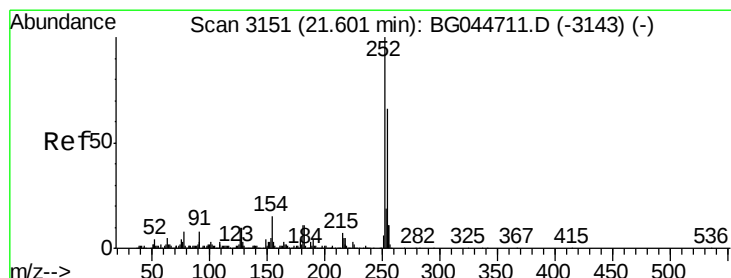
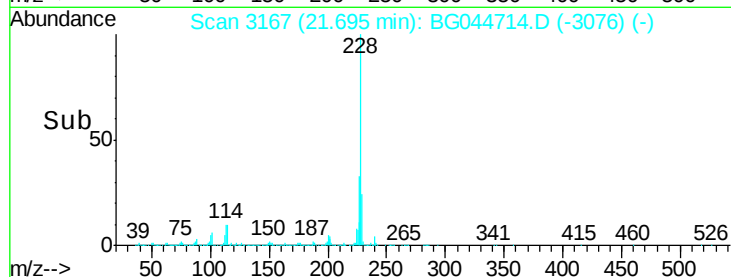
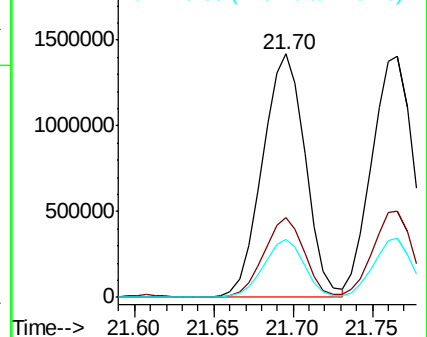


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 74.829 ng

RT: 21.61 min Scan# 3152

Delta R.T. 0.01 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

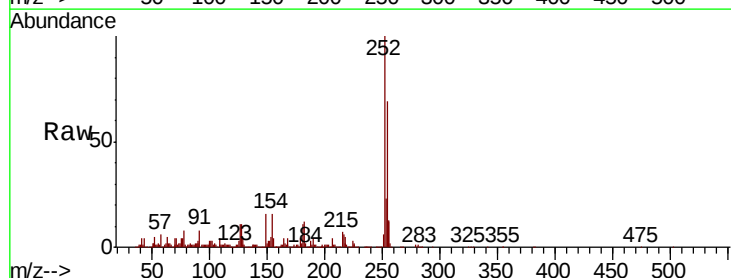
Tgt Ion:252 Resp: 1073128

Ion	Ratio	Lower	Upper
252	100		
254	68.7	53.0	79.4
126	10.7	8.2	12.4

252 100

254 68.7 53.0 79.4

126 10.7 8.2 12.4

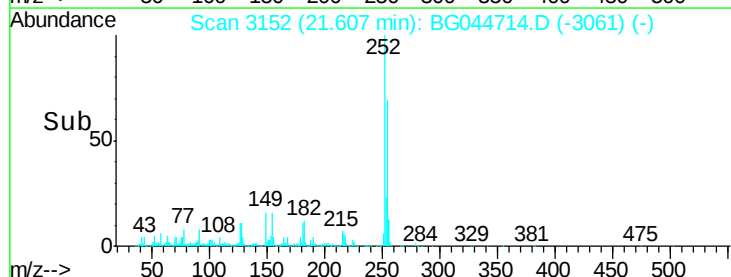
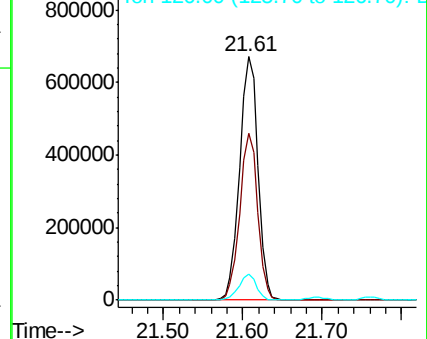


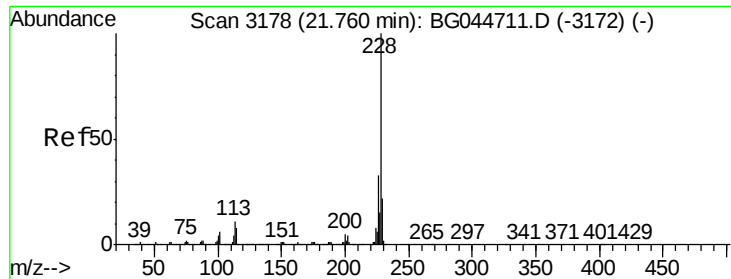
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





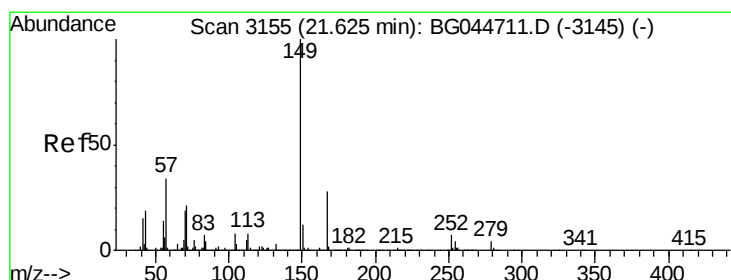
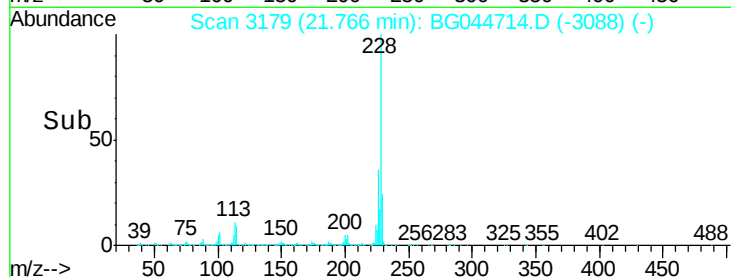
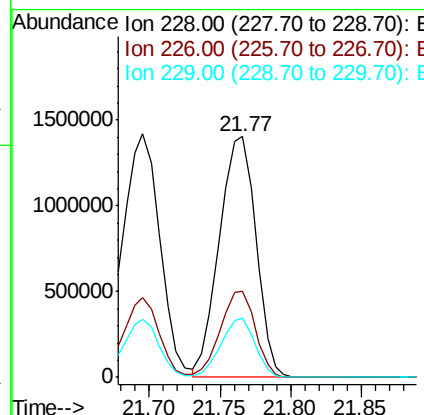
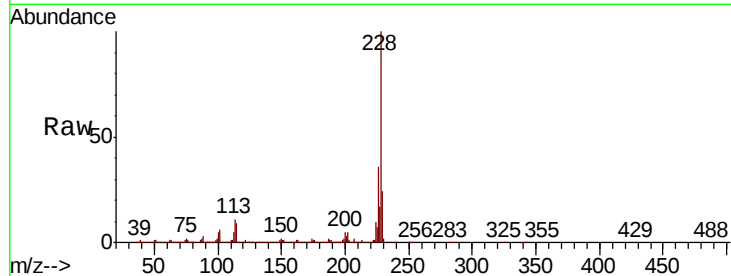
#83
Chrysene
Concen: 73.937 ng
RT: 21.77 min Scan# 3179
Delta R.T. 0.01 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
228	100		
226	36.0	26.1	39.1
229	24.4	17.4	26.0

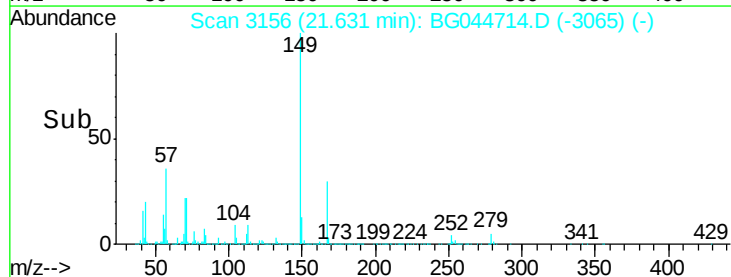
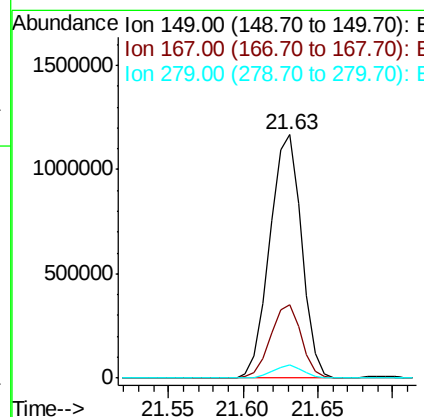
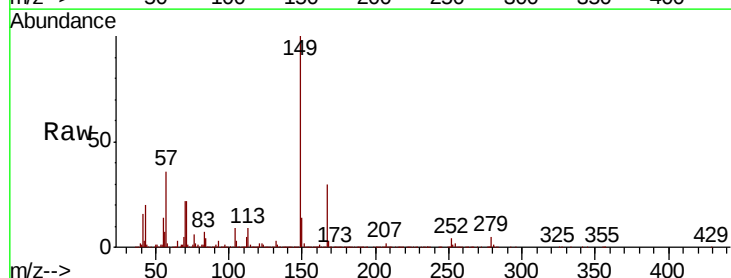
Manual Integrations
APPROVED

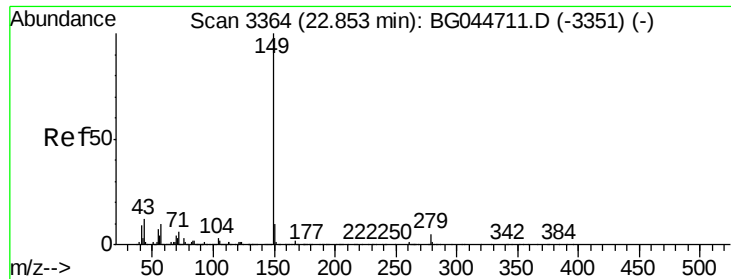
mohammad
3/11/2020 4:56:55 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 75.600 ng
RT: 21.63 min Scan# 3156
Delta R.T. 0.01 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.2	22.6	33.8
279	5.5	3.5	5.3





#85

Di-n-octyl phthalate

Concen: 74.420 ng

RT: 22.85 min Scan# 3364

Delta R.T. 0.00 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

Instrument :

BNA_G

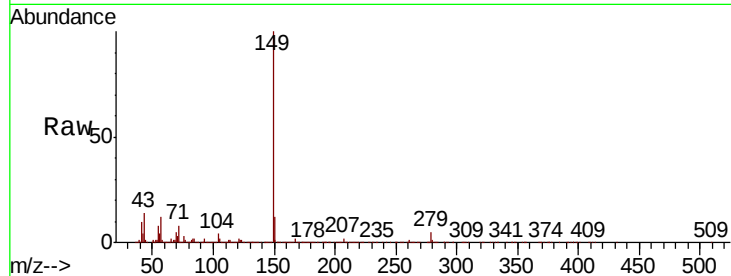
ClientSampleId :

SSTDIC080

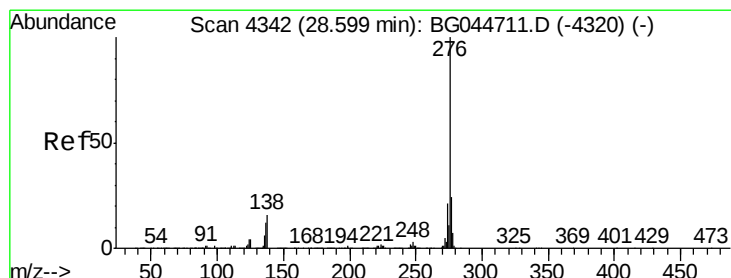
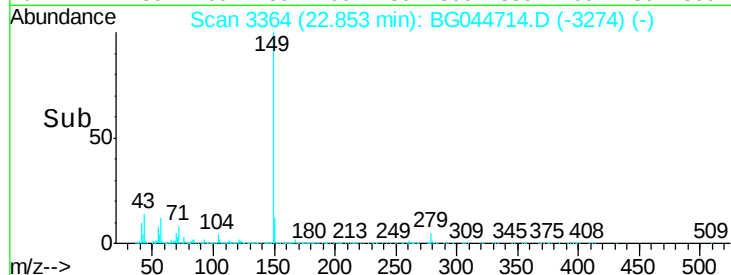
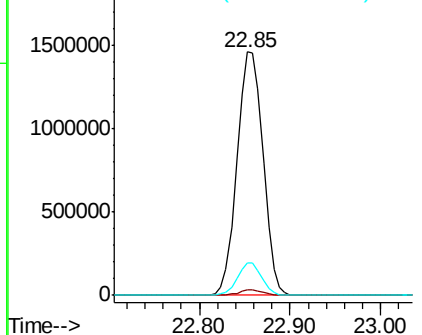
Tot Ion:	149	Resp:	2914302
Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.0
43	12.6	9.0	13.6

Manual Integrations
APPROVED

mohammad
3/11/2020 4:56:55 PM



Abundance Ion 149.00 (148.70 to 149.70): E
2000000 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: 78.734 ng

RT: 28.61 min Scan# 4344

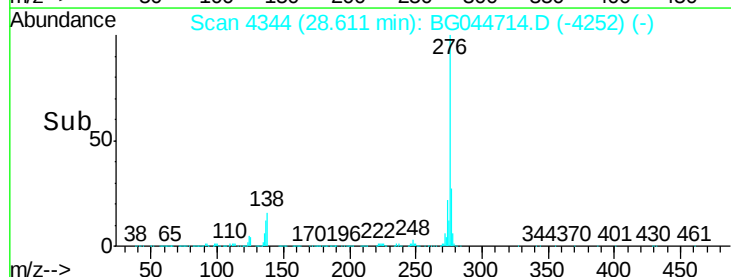
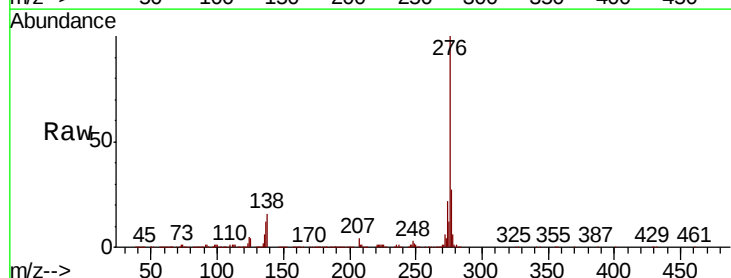
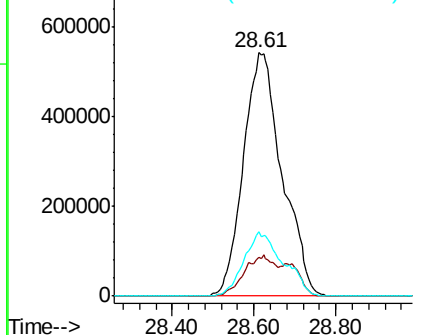
Delta R.T. 0.01 min

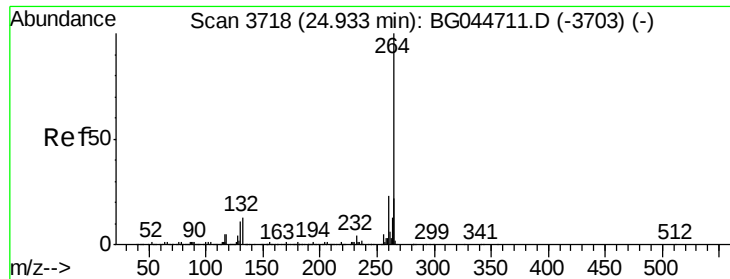
Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

Tgt Ion:	276	Resp:	3564957
Ion	Ratio	Lower	Upper
276	100		
138	13.0	10.9	16.3
277	26.7	20.8	31.2

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





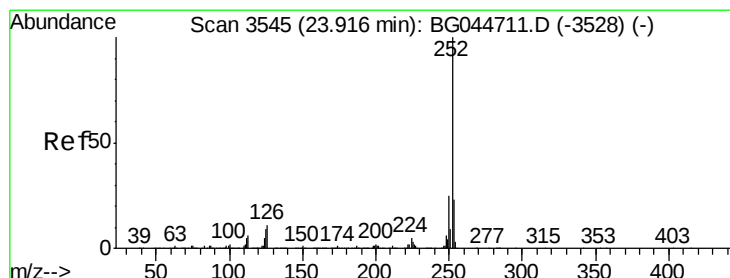
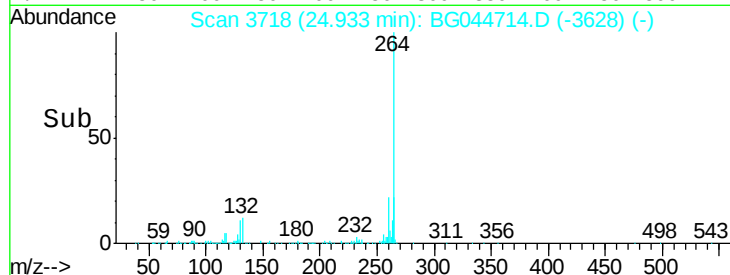
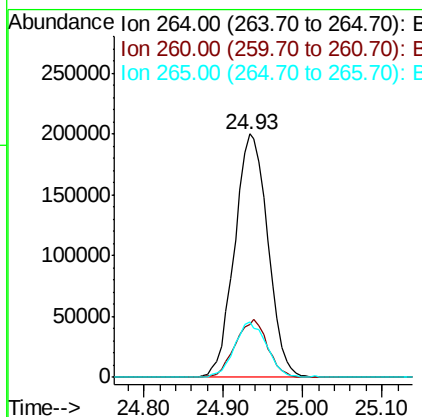
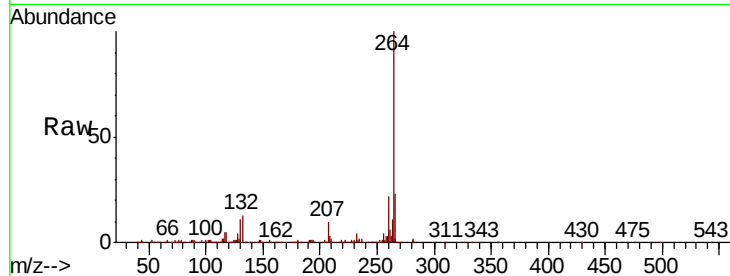
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3718
Delta R.T. 0.00 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.8	18.4	27.6
265	22.7	17.4	26.2

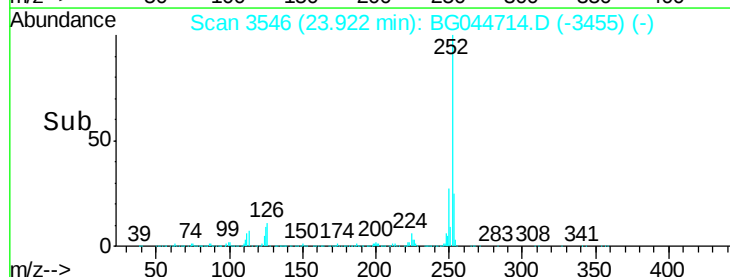
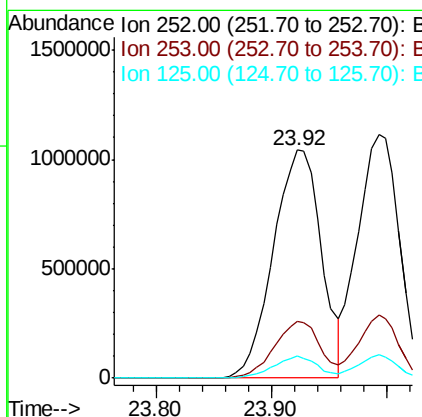
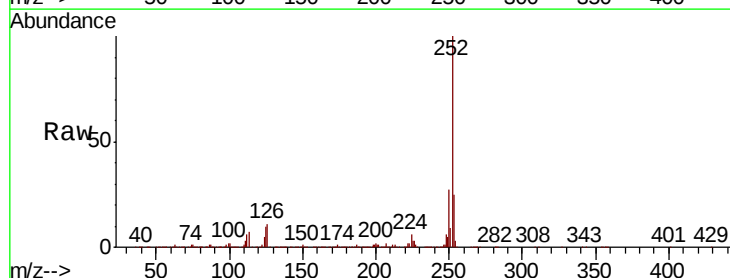
Manual Integrations
APPROVED

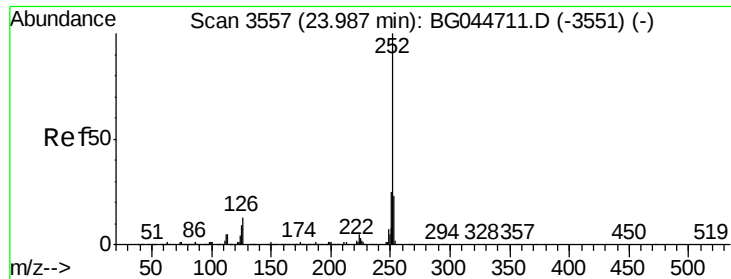
mohammad
3/11/2020 4:56:55 PM



#88
Benzo(b)fluoranthene
Concen: 76.260 ng
RT: 23.92 min Scan# 3546
Delta R.T. 0.01 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.7	28.1
125	9.5	7.2	10.8





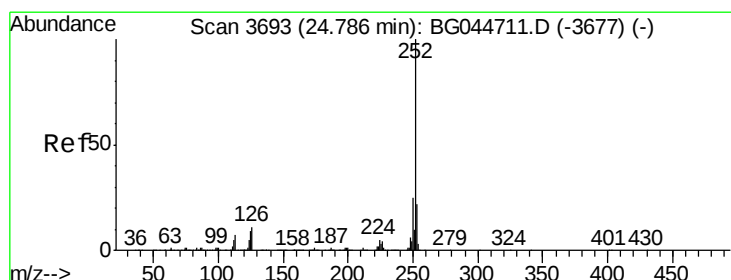
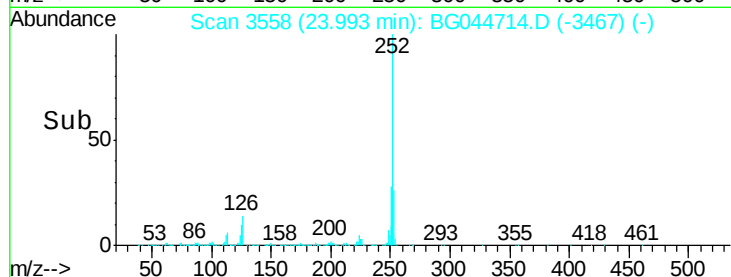
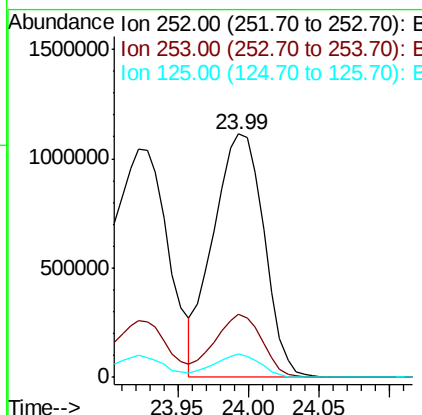
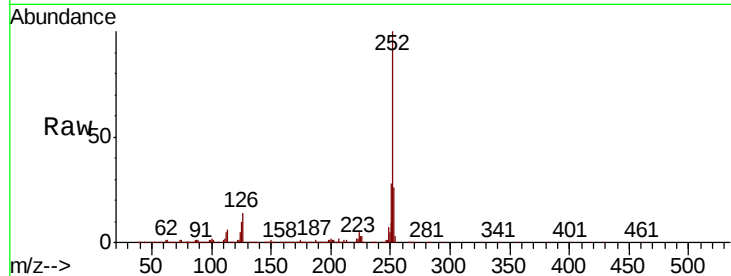
#89
Benzo(k)fluoranthene
Concen: 74.956 ng
RT: 23.99 min Scan# 3558
Delta R.T. 0.01 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.4	27.6
125	9.6	7.0	10.4

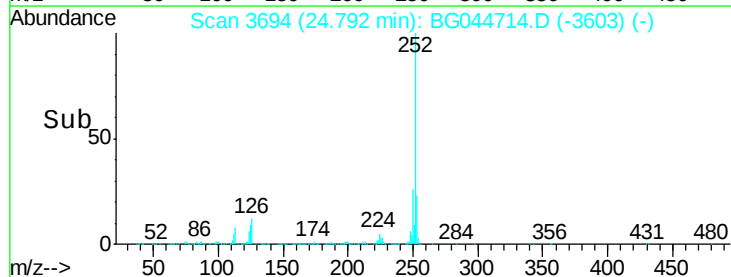
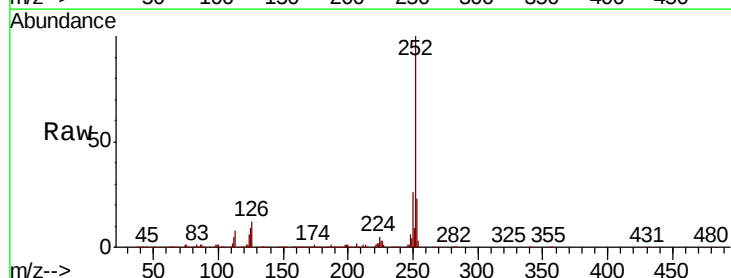
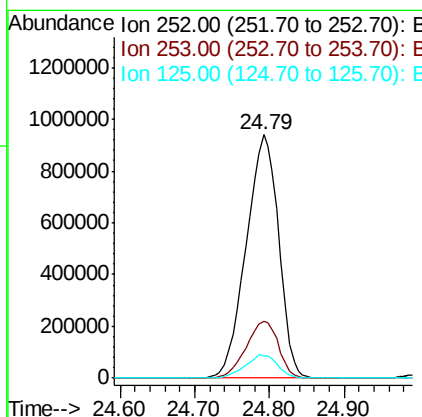
Manual Integrations
APPROVED

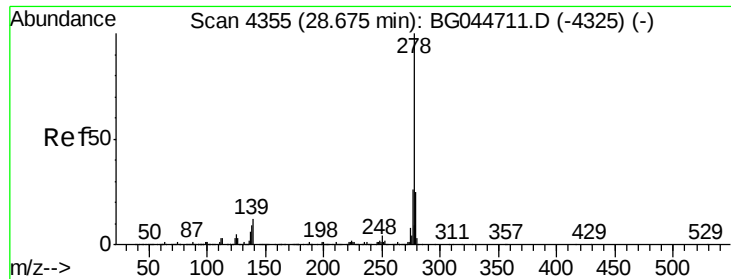
mohammad
3/11/2020 4:56:55 PM



#90
Benzo(a)pyrene
Concen: 76.976 ng
RT: 24.79 min Scan# 3694
Delta R.T. 0.01 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.7	26.5
125	9.3	7.0	10.6





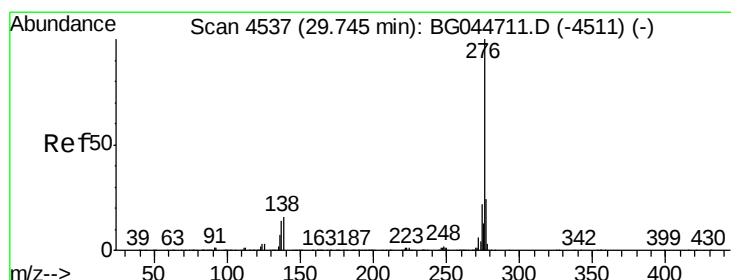
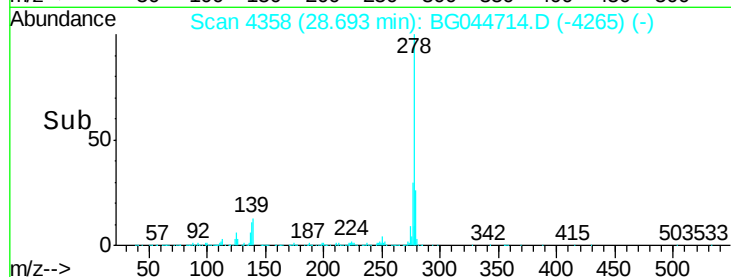
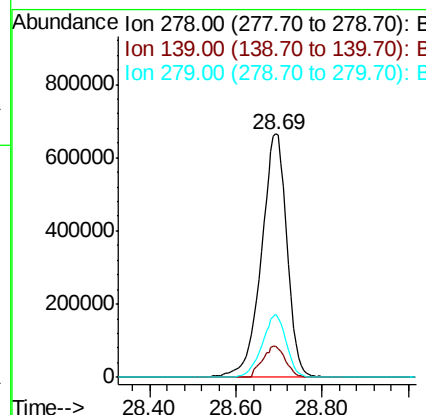
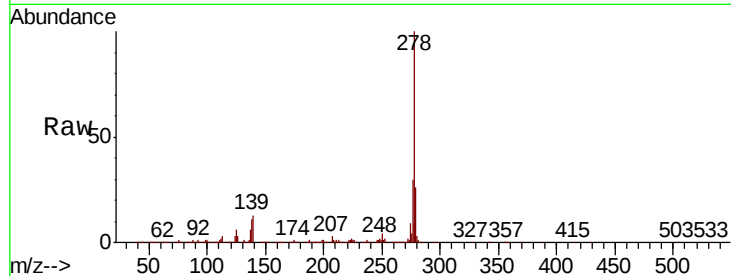
#91
Dibenzo(a,h)anthracene
Concen: 76.378 ng
RT: 28.69 min Scan# 4358
Delta R.T. 0.02 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.5	9.9	14.9
279	25.7	20.2	30.4

Manual Integrations
APPROVED

mohammad
3/11/2020 4:56:55 PM



#92
Benzo(g,h,i)perylene
Concen: 77.720 ng
RT: 29.77 min Scan# 4541
Delta R.T. 0.02 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.8	28.2
138	16.6	13.0	19.4

