

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031120\
 Data File : BG044719.D
 Acq On : 11 Mar 2020 13:58
 Operator : CG/JU
 Sample : PB127319BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127319BS

Manual Integrations
 APPROVED

mohammad
 3/16/2020 1:46:26 PM

Quant Time: Mar 12 01:50:14 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 16:27:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	111647	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	465877	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	317127	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	713218	20.00	ng	0.00
76) Chrysene-d12	21.71	240	635516	20.00	ng	0.00
87) Perylene-d12	24.93	264	648410	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	891520	124.30	ng	0.00
7) Phenol-d6	7.22	99	1258670	120.79	ng	0.00
23) Nitrobenzene-d5	9.22	82	696584	65.61	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	457871	110.27	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1429615	64.56	ng	0.00
79) Terphenyl-d14	20.05	244	2204299	64.88	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.52	88	118526	34.318	ng	97
3) Pyridine	3.91	79	296420	28.992	ng	99
4) n-Nitrosodimethylamine	3.83	42	155180	40.002	ng	99
6) Aniline	7.38	93	426693	32.907	ng	97
8) 2-Chlorophenol	7.63	128	332517	46.444	ng	99
9) Benzaldehyde	7.19	77	153499	20.790	ng	97
10) Phenol	7.24	94	473135	45.862	ng	98
11) bis(2-Chloroethyl)ether	7.48	93	343281	41.693	ng	99
12) 1,3-Dichlorobenzene	7.95	146	333378	37.800	ng	97
13) 1,4-Dichlorobenzene	8.10	146	336359	38.577	ng	98
14) 1,2-Dichlorobenzene	8.42	146	324155	39.199	ng	99
15) Benzyl Alcohol	8.30	79	360080	43.068	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.60	45	550414	37.881	ng	99
17) 2-Methylphenol	8.50	107	314002	44.933	ng	96
18) Hexachloroethane	9.15	117	133927	39.014	ng	97
19) n-Nitroso-di-n-propylamine	8.87	70	291302	39.590	ng	# 98
20) 3+4-Methylphenols	8.83	107	431101	44.751	ng	98
22) Acetophenone	8.88	105	514585	38.989	ng	99
24) Nitrobenzene	9.26	77	443605	40.269	ng	98
25) Isophorone	9.79	82	801414	38.677	ng	97
26) 2-Nitrophenol	9.98	139	162239	43.063	ng	96
27) 2,4-Dimethylphenol	10.04	122	327374	48.516	ng	96
28) bis(2-Chloroethoxy)methane	10.28	93	464606	37.572	ng	98
29) 2,4-Dichlorophenol	10.51	162	335173	42.527	ng	99
30) 1,2,4-Trichlorobenzene	10.73	180	359195	38.115	ng	95
31) Naphthalene	10.92	128	1000641	38.773	ng	99
32) Benzoic acid	10.17	122	205508	40.889	ng	99
33) 4-Chloroaniline	11.02	127	249120	21.426	ng	98
34) Hexachlorobutadiene	11.22	225	224141	36.167	ng	96
35) Caprolactam	11.79	113	127925m	42.869	ng	
36) 4-Chloro-3-methylphenol	12.14	107	397078	42.243	ng	97
37) 2-Methylnaphthalene	12.53	142	752579	38.984	ng	98
38) 1-Methylnaphthalene	12.74	142	714696	39.379	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	387691	37.121	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031120\
 Data File : BG044719.D
 Acq On : 11 Mar 2020 13:58
 Operator : CG/JU
 Sample : PB127319BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127319BS

Manual Integrations
 APPROVED

mohammad
 3/16/2020 1:46:26 PM

Quant Time: Mar 12 01:50:14 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 16:27:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	460946	80.759	nq	96
43) 2,4,6-Trichlorophenol	13.13	196	285299	41.162	nq	98
44) 2,4,5-Trichlorophenol	13.20	196	298410	41.515	nq	96
46) 1,1'-Biphenyl	13.53	154	937414	36.990	nq	98
47) 2-Chloronaphthalene	13.57	162	719638	37.173	nq	99
48) 2-Nitroaniline	13.76	65	269883	39.820	nq	100
49) Acenaphthylene	14.41	152	1183327	39.016	nq	100
50) Dimethylphthalate	14.15	163	965900	38.242	nq	99
51) 2,6-Dinitrotoluene	14.25	165	214573	42.146	nq	96
52) Acenaphthene	14.76	154	835274	42.052	nq	100
53) 3-Nitroaniline	14.58	138	163114	27.867	nq	100
54) 2,4-Dinitrophenol	14.79	184	211080	79.410	nq	# 66
55) Dibenzofuran	15.09	168	1127204	39.134	nq	100
56) 4-Nitrophenol	14.89	139	409665	91.706	nq	98
57) 2,4-Dinitrotoluene	15.04	165	291889	41.803	nq	# 97
58) Fluorene	15.74	166	912639	38.517	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	275369m	41.610	nq	
60) Diethylphthalate	15.52	149	1002144	38.041	nq	99
61) 4-Chlorophenyl-phenylether	15.73	204	489391	38.358	nq	98
62) 4-Nitroaniline	15.75	138	223670	35.836	nq	97
63) Azobenzene	16.03	77	1062818	38.850	nq	100
65) 4,6-Dinitro-2-methylphenol	15.81	198	150109	45.252	nq	95
66) n-Nitrosodiphenylamine	15.95	169	837491	39.002	nq	98
67) 4-Bromophenyl-phenylether	16.63	248	330464	37.063	nq	99
68) Hexachlorobenzene	16.75	284	356510	36.856	nq	99
69) Atrazine	16.90	200	354439	45.053	nq	98
70) Pentachlorophenol	17.09	266	448637	84.294	nq	97
71) Phenanthrene	17.48	178	1475233	38.707	nq	99
72) Anthracene	17.57	178	1500601	39.929	nq	99
73) Carbazole	17.83	167	1443100	39.975	nq	100
74) Di-n-butylphthalate	18.41	149	1726411	39.341	nq	100
75) Fluoranthene	19.49	202	1834734	40.430	nq	99
77) Benzidine	19.66	184	573875	27.816	nq	97
78) Pyrene	19.85	202	1830454	39.258	nq	97
80) Butylbenzylphthalate	20.74	149	797493	38.447	nq	95
81) Benzo(a)anthracene	21.69	228	1754672	38.344	nq	99
82) 3,3'-Dichlorobenzidine	21.60	252	579234	32.718	nq	99
83) Chrysene	21.76	228	1676865	38.361	nq	98
84) Bis(2-ethylhexyl)phthalate	21.63	149	1107278	38.679	nq	98
85) Di-n-octyl phthalate	22.85	149	1892346	39.502	nq	100
86) Indeno(1,2,3-cd)pyrene	28.60	276	2206295	38.499	nq	99
88) Benzo(b)fluoranthene	23.91	252	1890795	44.171	nq	99
89) Benzo(k)fluoranthene	23.98	252	1807808	44.627	nq	100
90) Benzo(a)pyrene	24.78	252	1729810	43.187	nq	98
91) Dibenzo(a,h)anthracene	28.67	278	1790580	45.313	nq	98
92) Benzo(g,h,i)perylene	29.74	276	1847765	46.282	nq	99

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

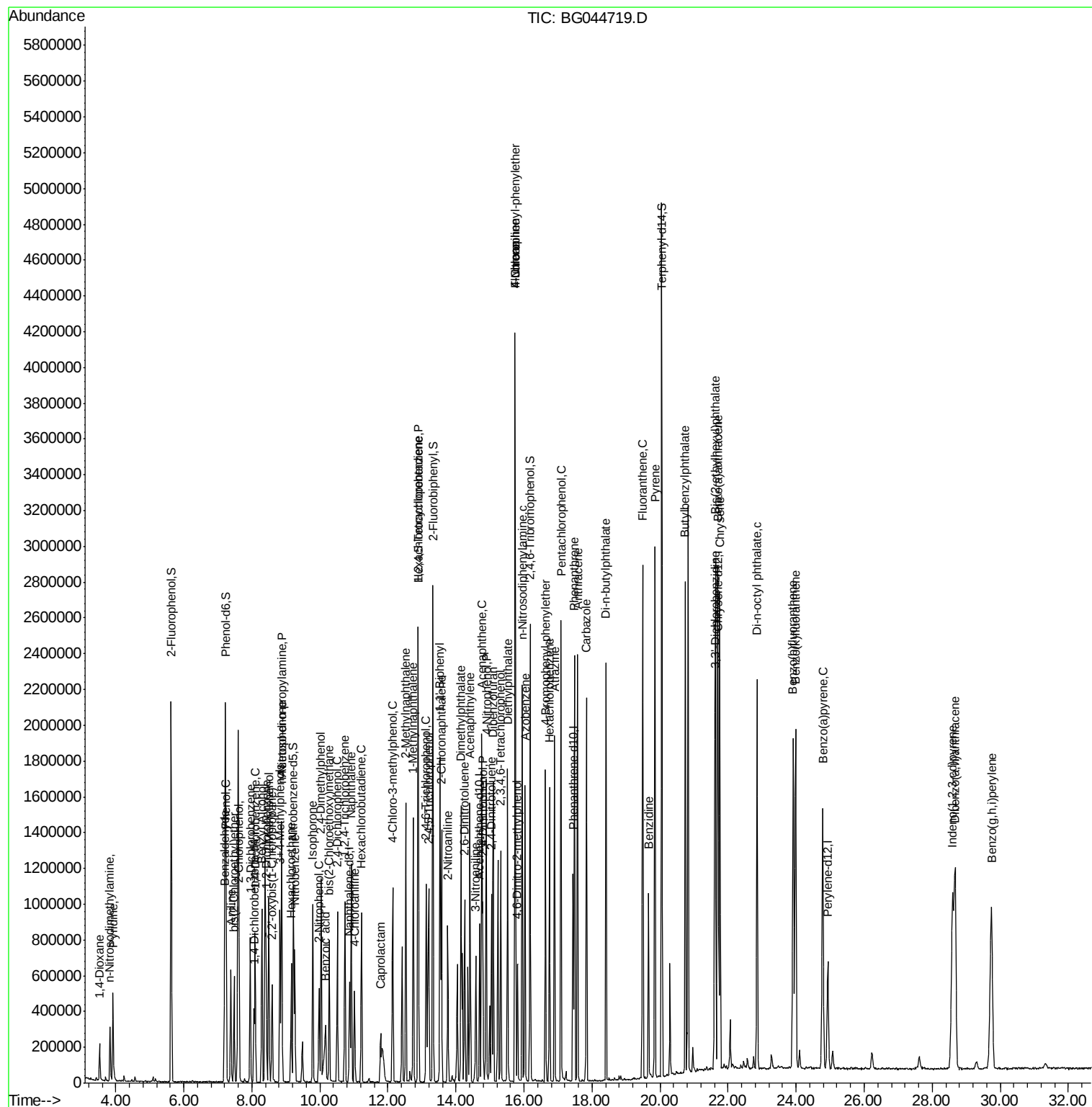
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031120\
Data File : BG044719.D
Acq On : 11 Mar 2020 13:58
Operator : CG/JU
Sample : PB127319BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

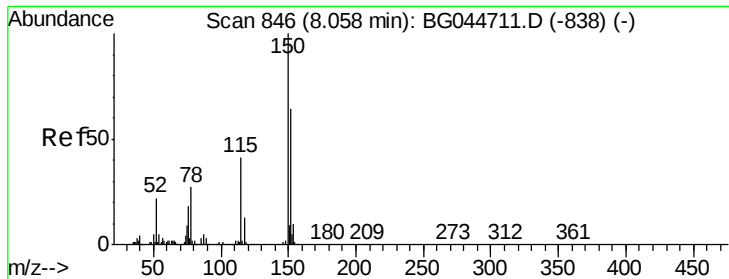
Instrument :
BNA_G
ClientSampleId :
PB127319BS

Manual Integrations
APPROVED

mohammad
3/16/2020 1:46:26 PM

Quant Time: Mar 12 01:50:14 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 16:27:39 2020
Response via : Initial Calibration





#1

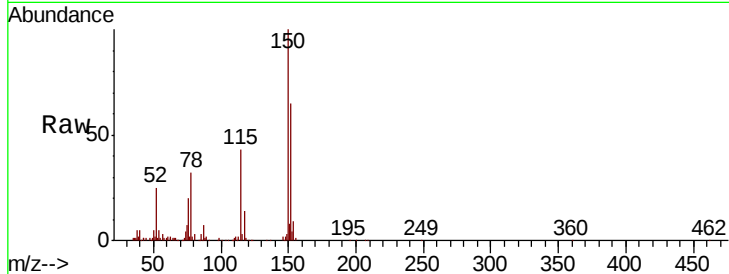
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Instrument :
BNA_G
ClientSampleId :
PB127319BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	125.3	187.9
115	66.8	51.7	77.5

Manual Integrations
APPROVED

mohammad
3/16/2020 1:46:26 PM

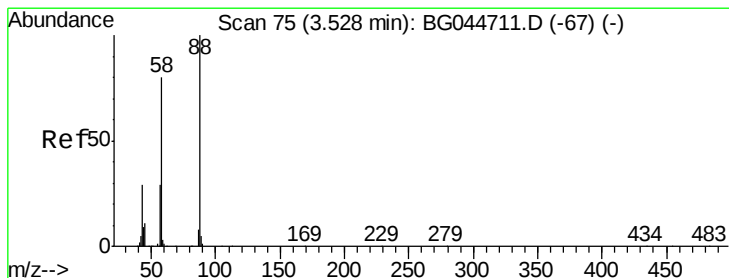
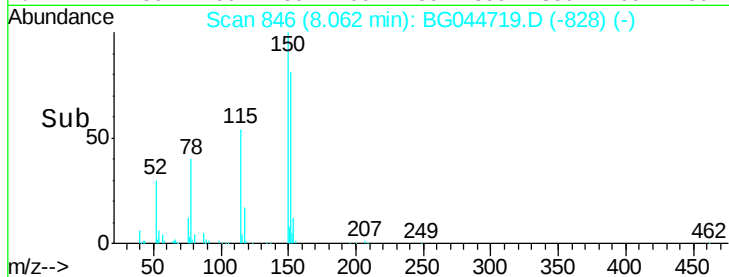
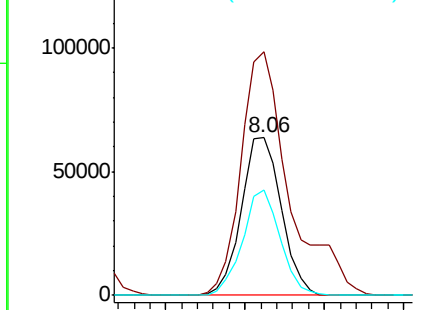


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

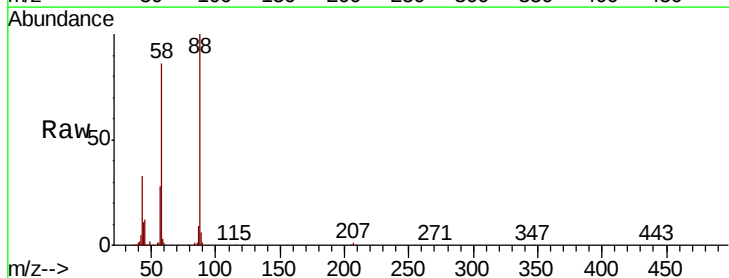
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.318 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.3	63.0	94.4
43	31.2	23.2	34.8

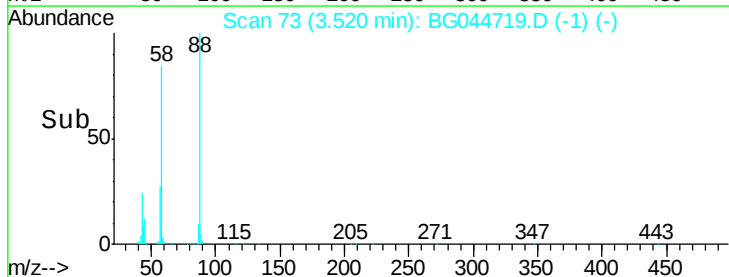
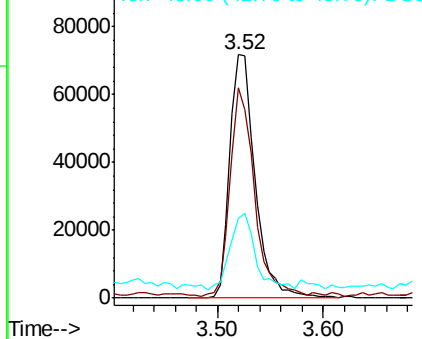


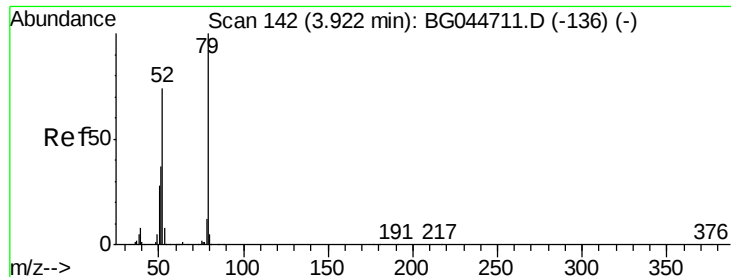
Abundance

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: 28.992 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.01 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Instrument :

BNA_G

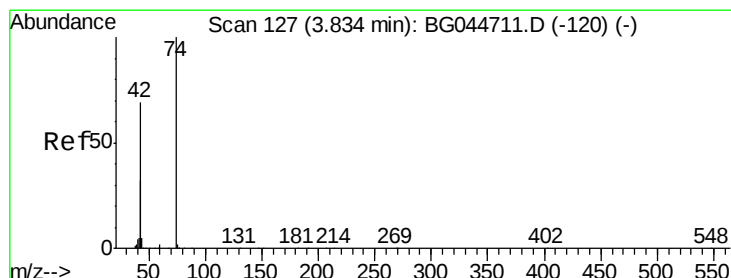
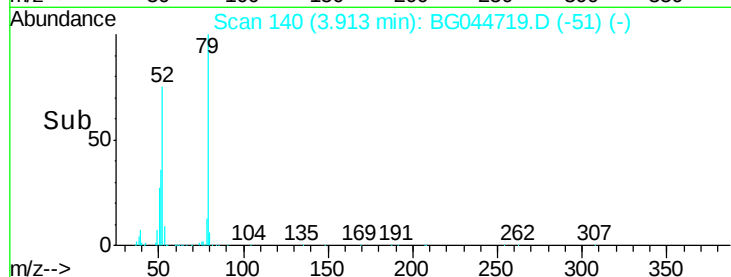
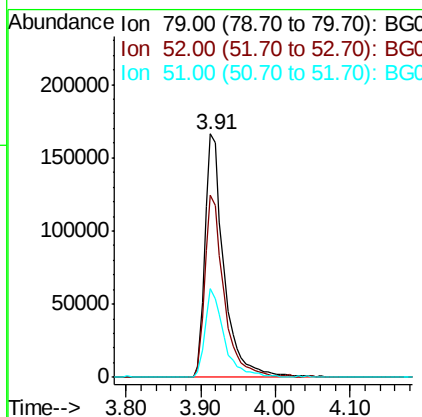
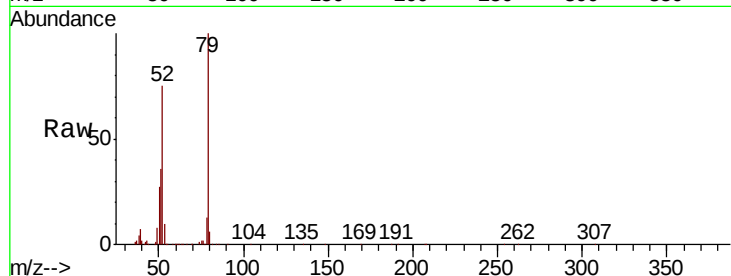
ClientSampleId :

PB127319BS

Tot Ion:	79	Resp:	296420
Ion Ratio	Lower	Upper	
79	100		
52	74.7	59.4	89.2
51	36.4	29.7	44.5

Manual Integrations
APPROVED

mohammad
3/16/2020 1:46:26 PM



#4

n-Nitrosodimethylamine

Concen: 40.002 ng

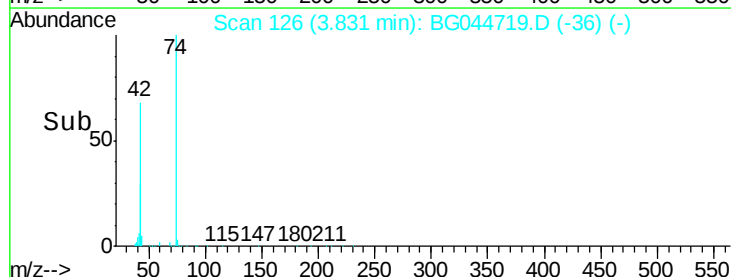
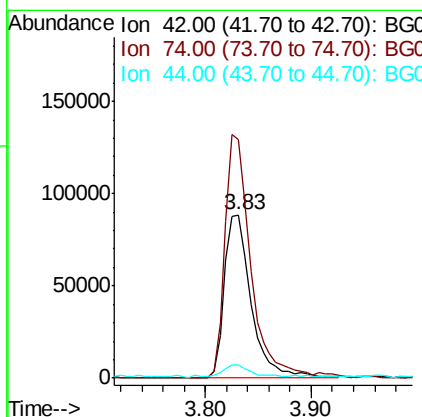
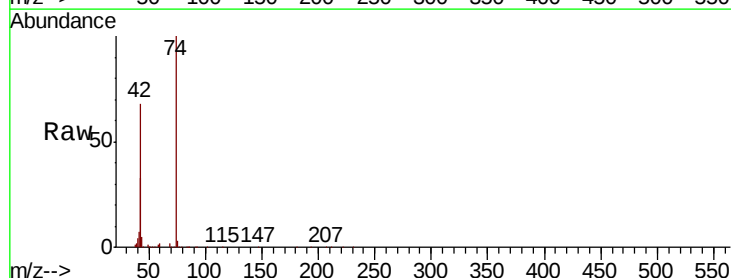
RT: 3.83 min Scan# 126

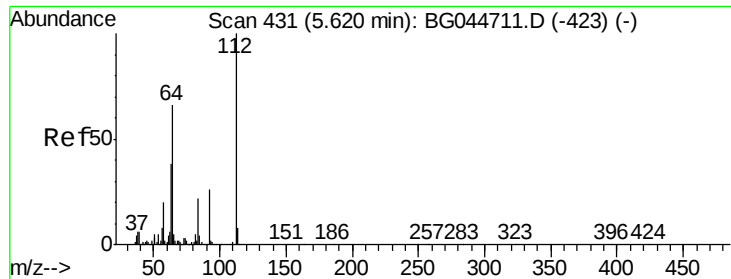
Delta R.T. -0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Tgt Ion:	42	Resp:	155180
Ion Ratio	Lower	Upper	
42	100		
74	146.4	116.1	174.1
44	7.9	7.1	10.7





#5

2-Fluorophenol

Concen: 124.304 ng

RT: 5.63 min Scan# 432

Delta R.T. 0.01 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Instrument :

BNA_G

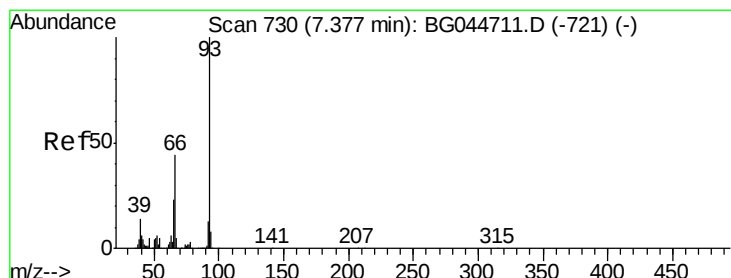
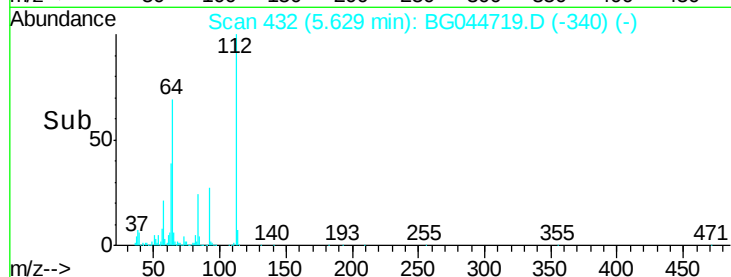
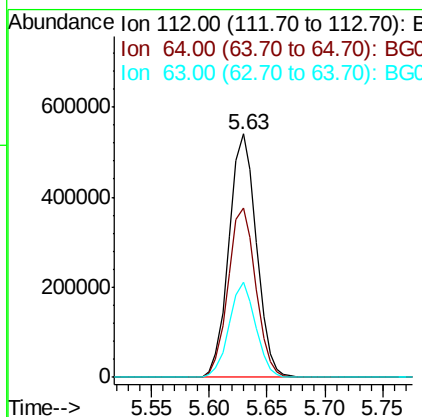
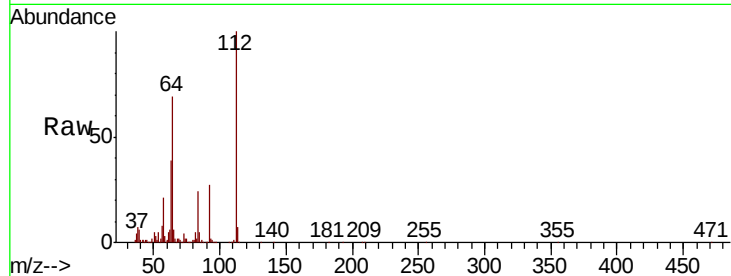
ClientSampleId :

PB127319BS

Tot Ion:	112	Resp:	891520
Ion Ratio	Lower	Upper	
112	100		
64	69.4	52.6	78.8
63	39.3	30.2	45.4

Manual Integrations
APPROVED

mohammad
3/16/2020 1:46:26 PM



#6

Aniline

Concen: 32.907 ng

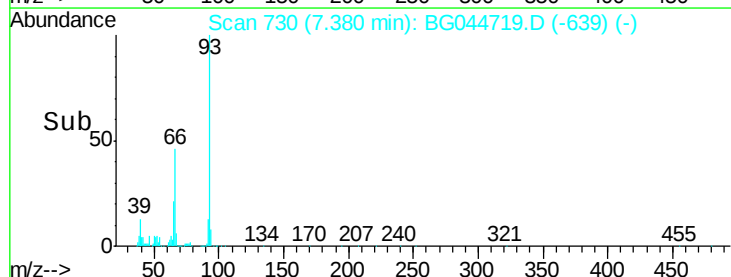
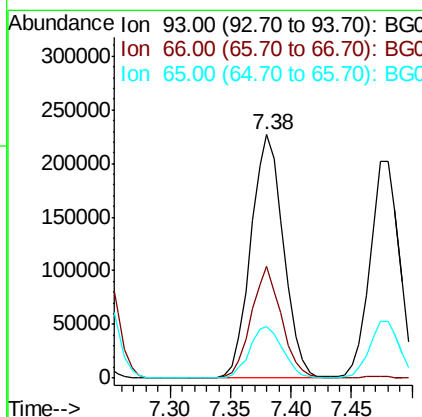
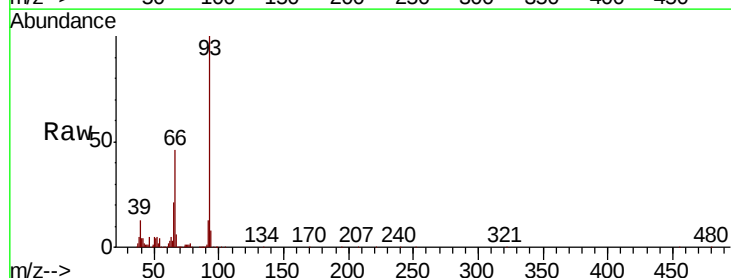
RT: 7.38 min Scan# 730

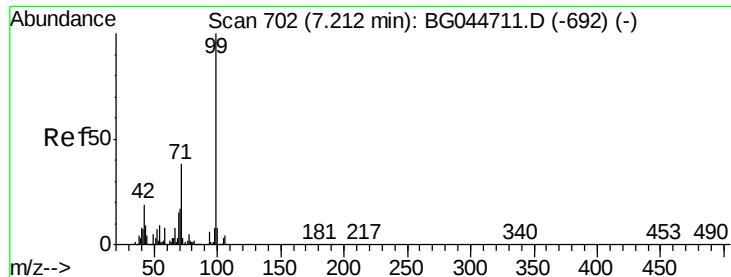
Delta R.T. 0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Tgt Ion:	93	Resp:	426693
Ion Ratio	Lower	Upper	
93	100		
66	45.7	35.3	52.9
65	21.3	18.2	27.4





#7

Phenol-d6

Concen: 120.788 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Instrument :

BNA_G

ClientSampleId :

PB127319BS

Tot Ion: 99 Resp: 1258670

Ion Ratio Lower Upper

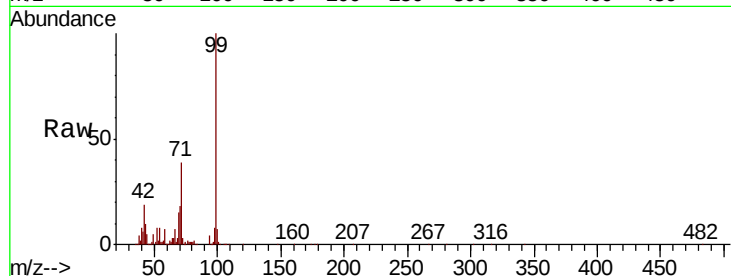
99 100

42 19.3 15.4 23.0

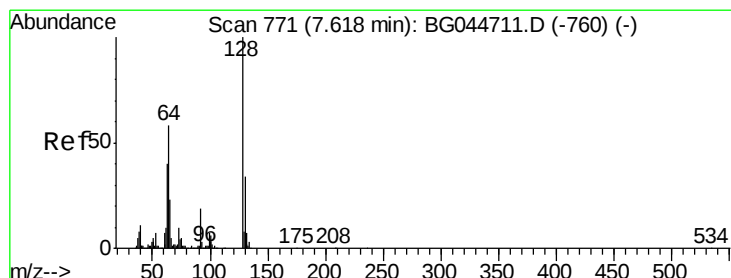
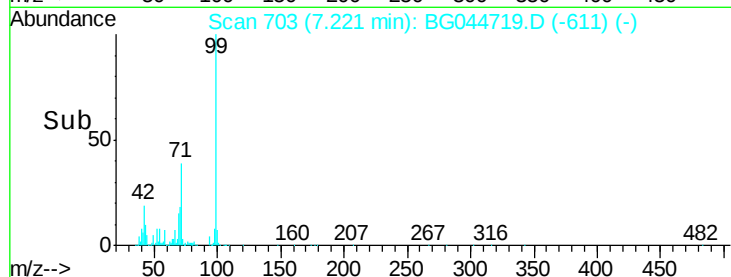
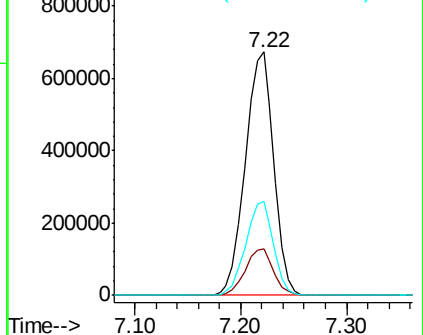
71 38.5 30.2 45.4

Manual Integrations
APPROVED

mohammad
3/16/2020 1:46:26 PM



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



#8

2-Chlorophenol

Concen: 46.444 ng

RT: 7.63 min Scan# 772

Delta R.T. 0.01 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

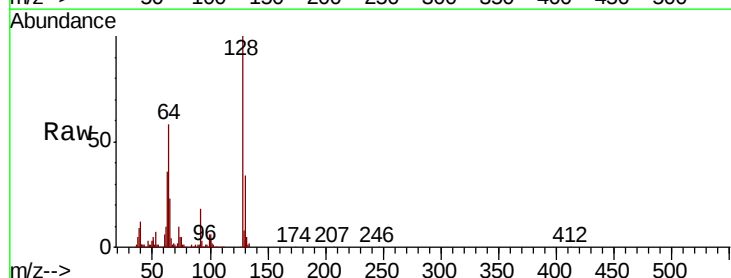
Tgt Ion: 128 Resp: 332517

Ion Ratio Lower Upper

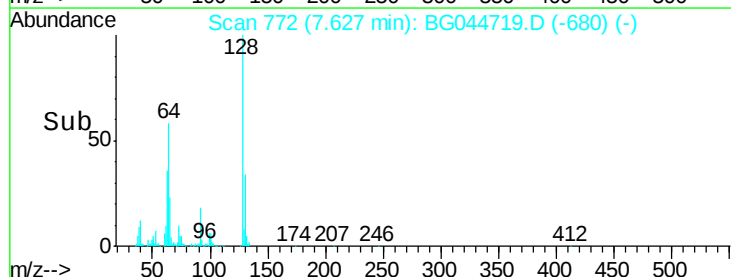
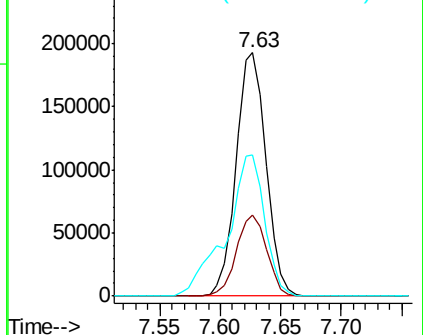
128 100

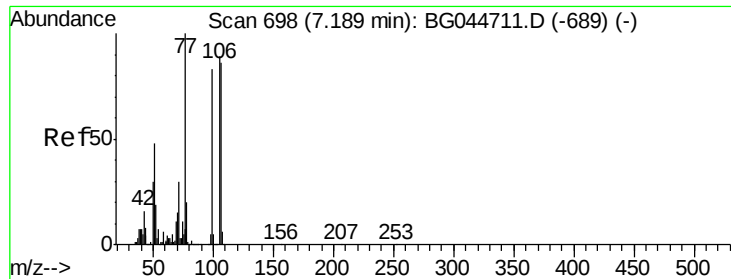
130 33.6 13.6 53.6

64 57.9 38.6 78.6



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





#9

Benzaldehyde

Concen: 20.790 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Instrument :

BNA_G

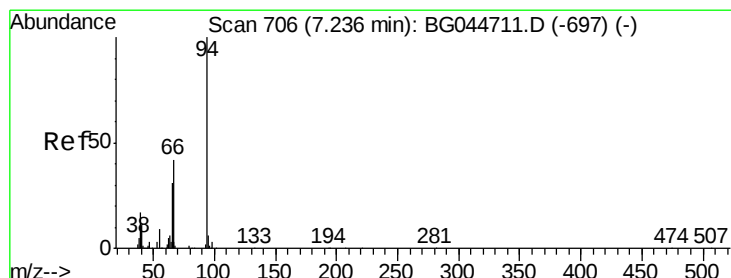
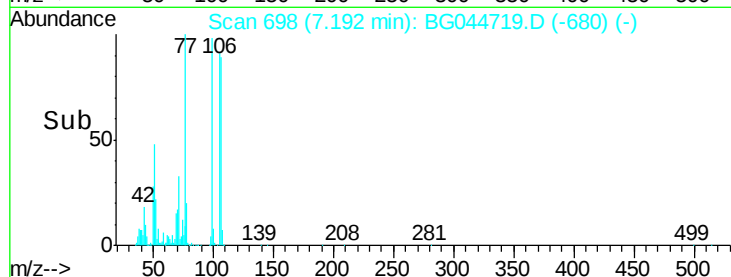
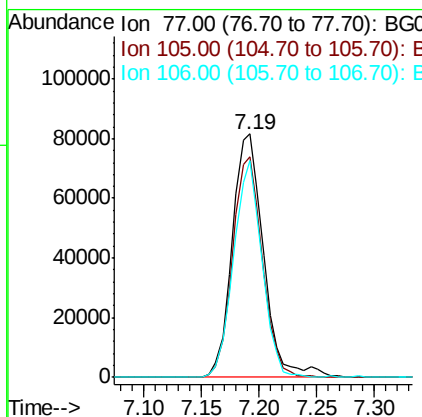
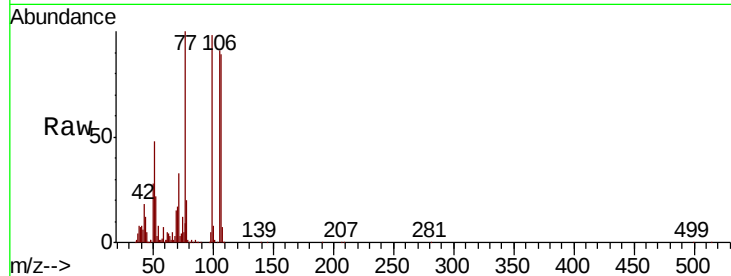
ClientSampled :

PB127319BS

Tot Ion:	77	Resp:	153499
Ion Ratio	Lower	Upper	
77	100		
105	90.6	68.6	108.6
106	89.0	65.9	105.9

Manual Integrations
APPROVED

mohammad
3/16/2020 1:46:26 PM



#10

Phenol

Concen: 45.862 ng

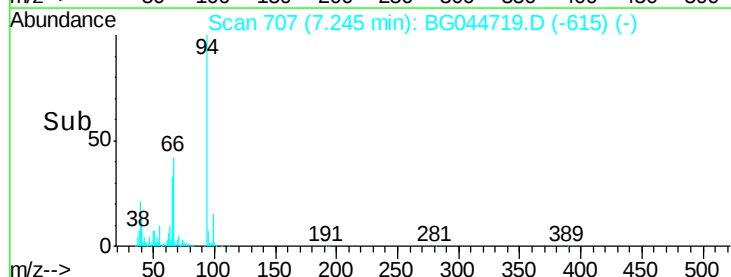
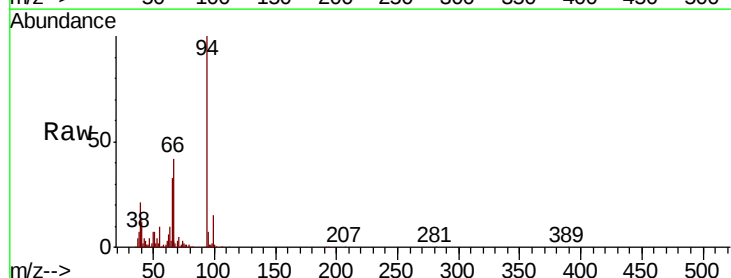
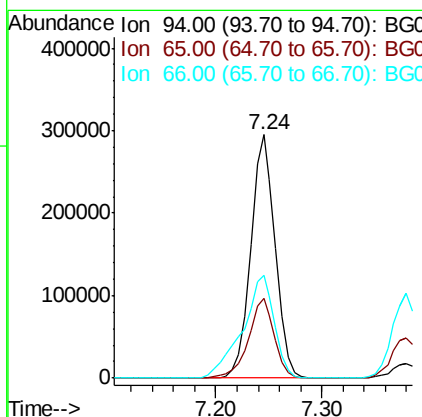
RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Tgt Ion:	94	Resp:	473135
Ion Ratio	Lower	Upper	
94	100		
65	32.9	11.3	51.3
66	42.3	22.9	62.9





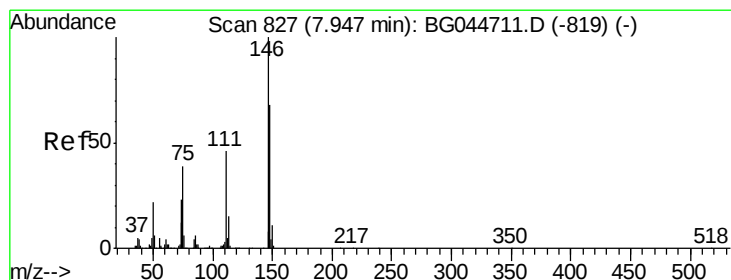
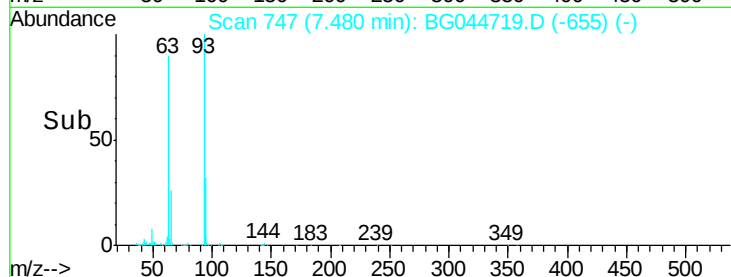
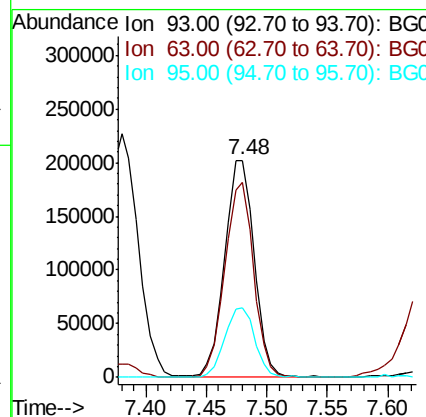
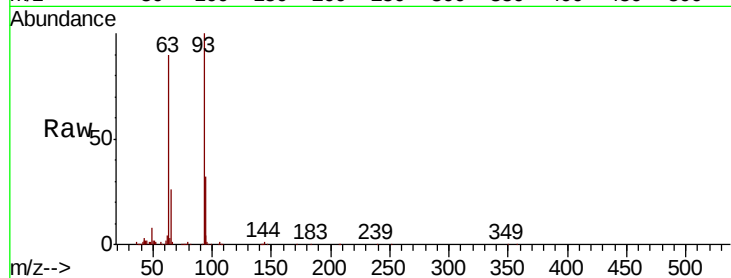
#11
bis(2-Chloroethyl)ether
Concen: 41.693 ng
RT: 7.48 min Scan# 747
Delta R.T. 0.01 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Instrument :
BNA_G
ClientSampleId :
PB127319BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.7	68.1	108.1
95	32.3	12.4	52.4

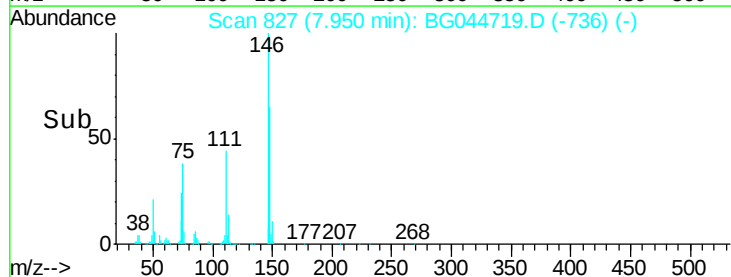
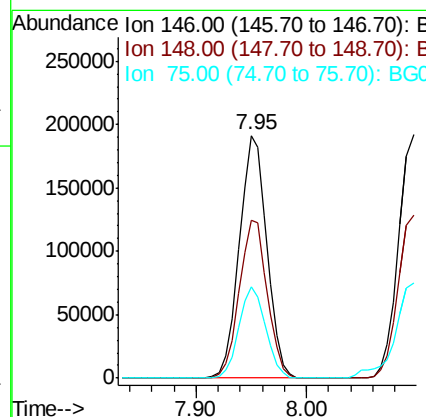
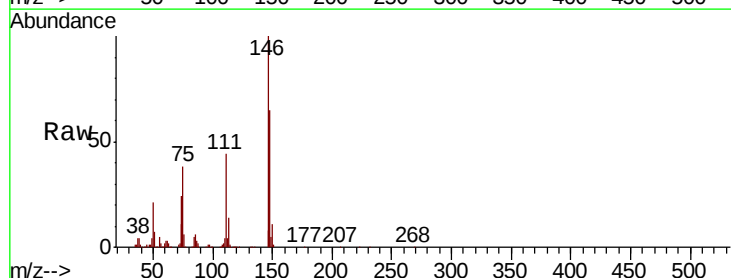
Manual Integrations
APPROVED

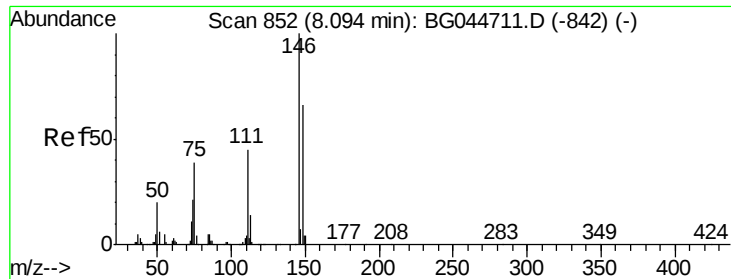
mohammad
3/16/2020 1:46:26 PM



#12
1,3-Dichlorobenzene
Concen: 37.800 ng
RT: 7.95 min Scan# 827
Delta R.T. 0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	54.2	81.2
75	37.5	31.3	46.9





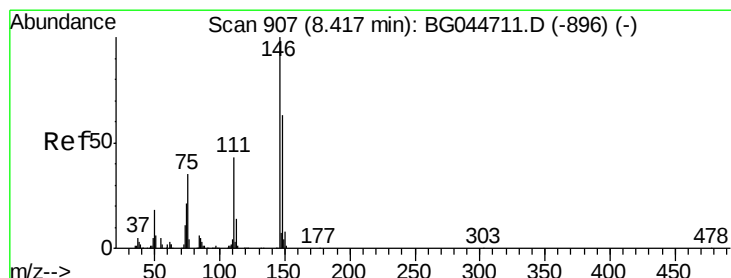
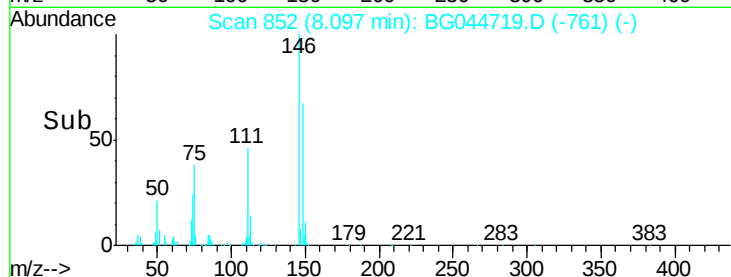
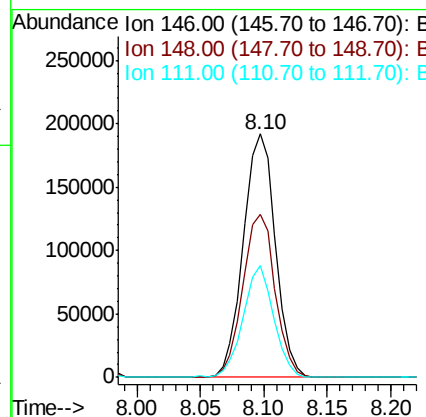
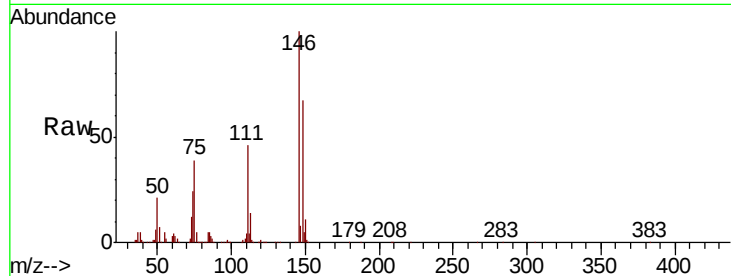
#13
 1,4-Dichlorobenzene
 Concen: 38.577 ng
 RT: 8.10 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BG044719.D
 Acq: 11 Mar 2020 13:58

Instrument :
 BNA_G
 ClientSampleId :
 PB127319BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.2	52.9	79.3
111	46.1	35.6	53.4

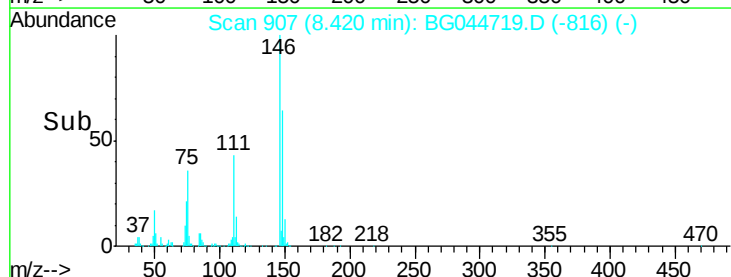
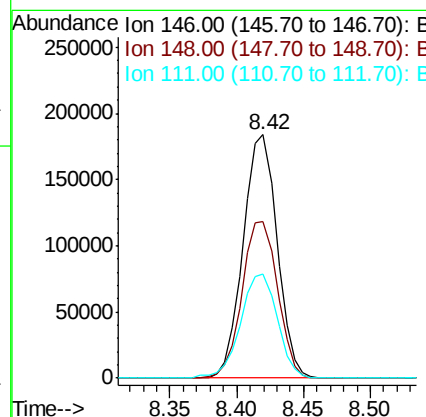
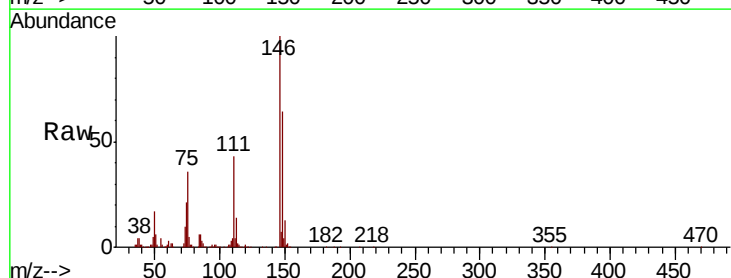
Manual Integrations
 APPROVED

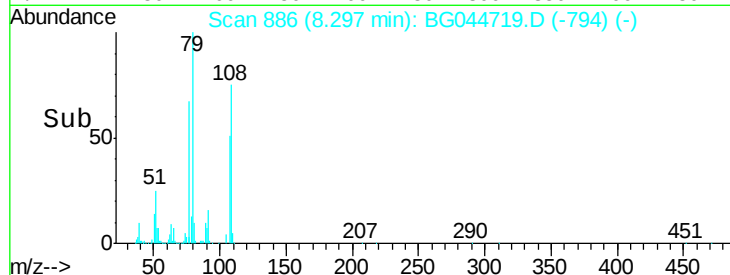
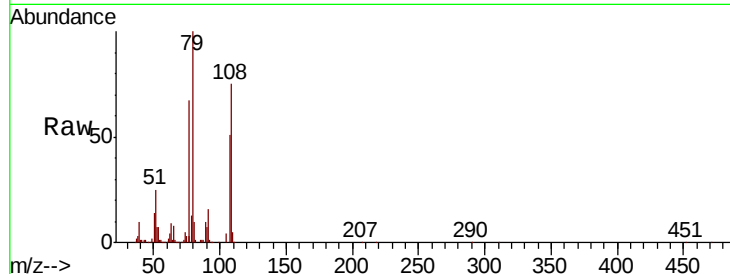
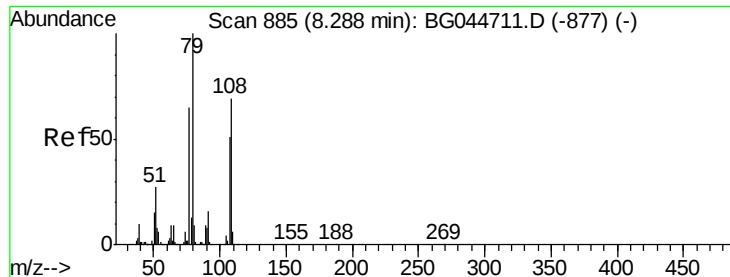
mohammad
 3/16/2020 1:46:26 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.199 ng
 RT: 8.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BG044719.D
 Acq: 11 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.8	76.2
111	42.7	34.8	52.2





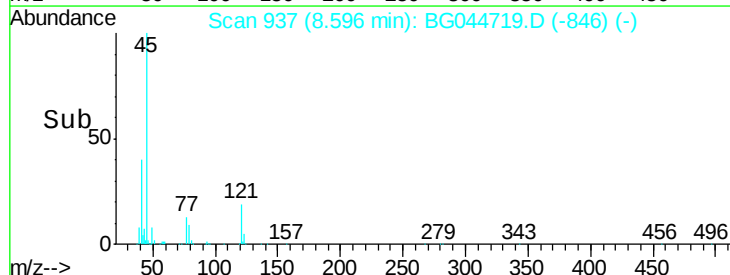
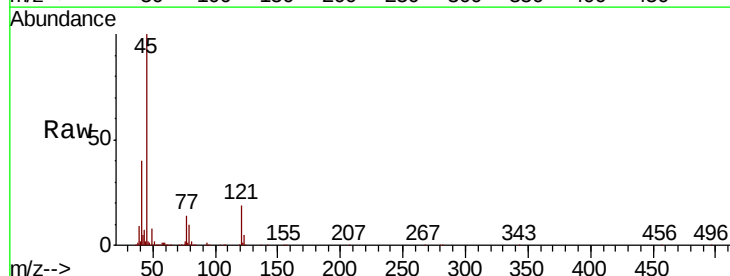
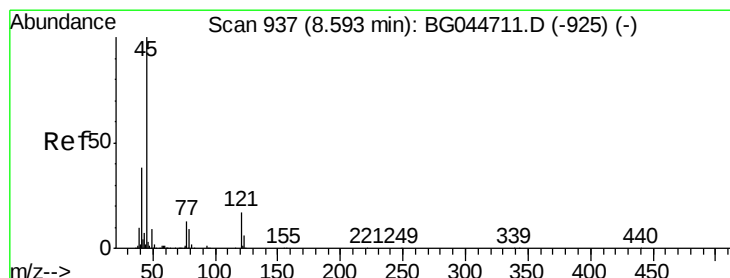
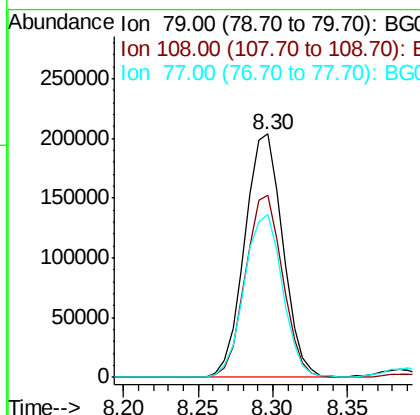
#15
Benzyl Alcohol
Concen: 43.068 ng
RT: 8.30 min Scan# 886
Delta R.T. 0.01 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.0	55.4	83.0
77	66.9	52.2	78.4

Instrument :
BNA_G
ClientSampled :
PB127319BS

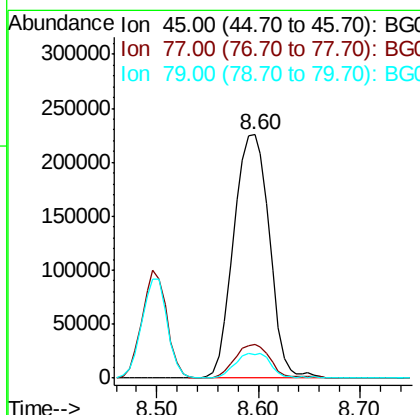
Manual Integrations
APPROVED

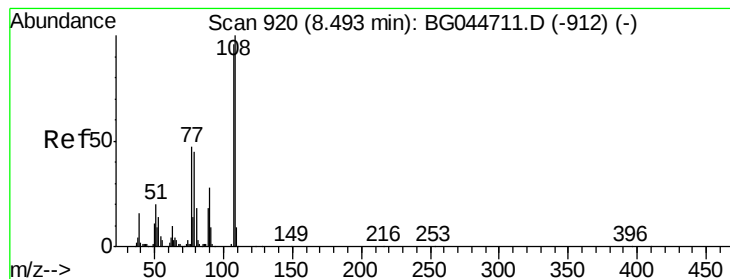
mohammad
3/16/2020 1:46:26 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.881 ng
RT: 8.60 min Scan# 937
Delta R.T. 0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.6	0.0	33.4
79	9.6	0.0	30.0





#17

2-Methylphenol

Concen: 44.933 ng

RT: 8.50 min Scan# 920

Delta R.T. 0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Instrument :

BNA_G

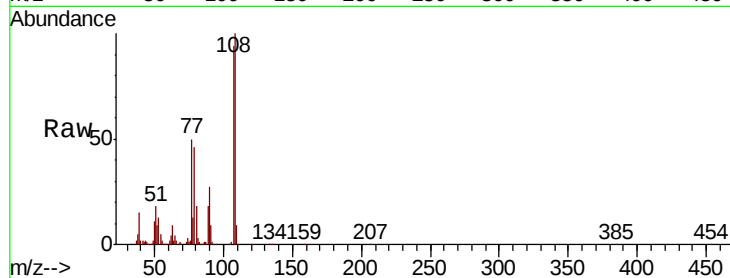
ClientSampleId :

PB127319BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	106.5	83.2	124.8	
77	53.6	39.0	58.6	
79	49.0	37.6	56.4	

Manual Integrations
APPROVED

mohammad
3/16/2020 1:46:26 PM



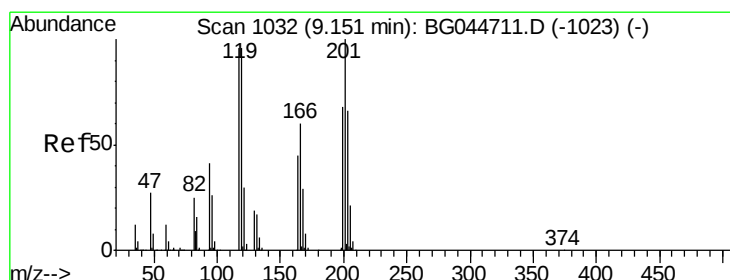
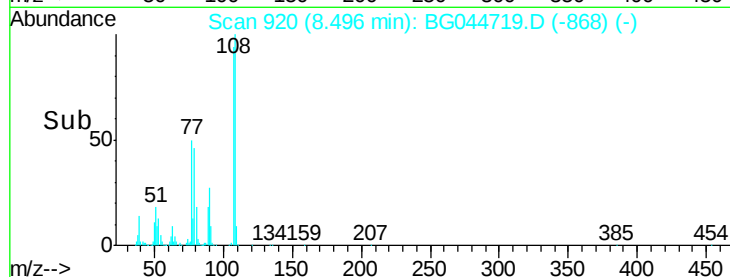
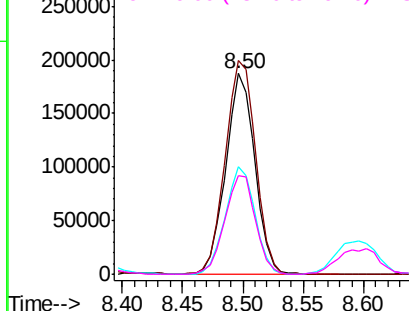
Abundance

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: 39.014 ng

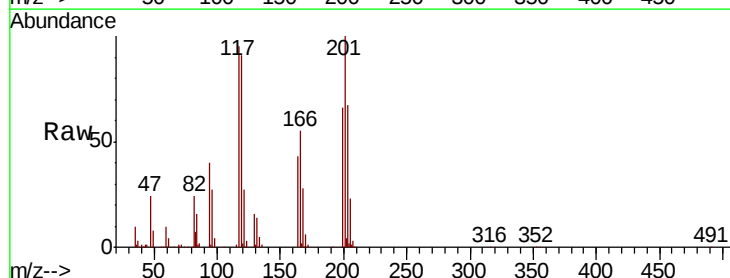
RT: 9.15 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.8	80.2	120.4	
201	105.8	83.4	125.2	

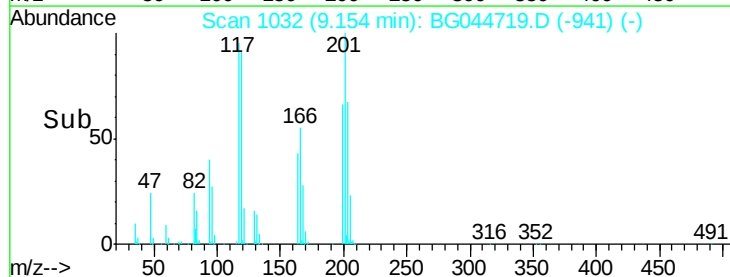
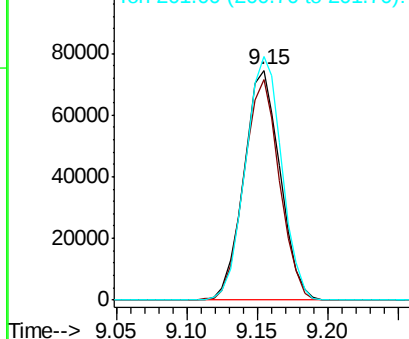


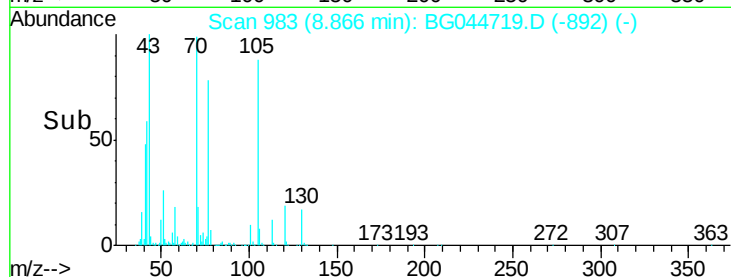
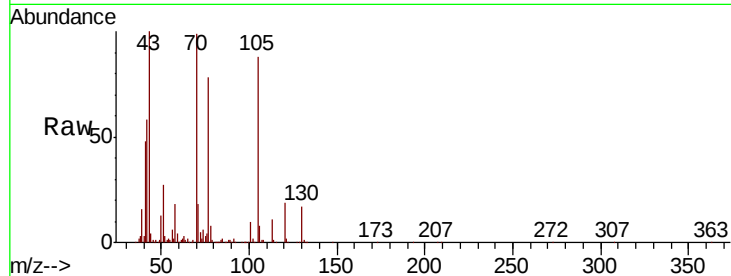
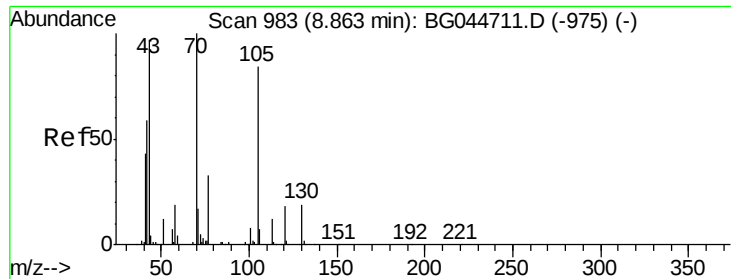
Abundance

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





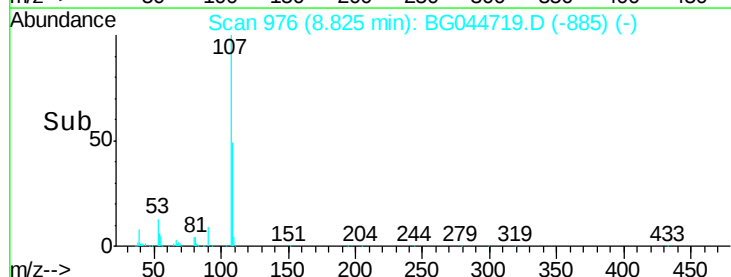
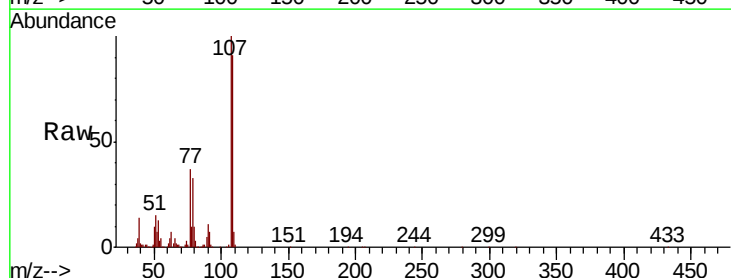
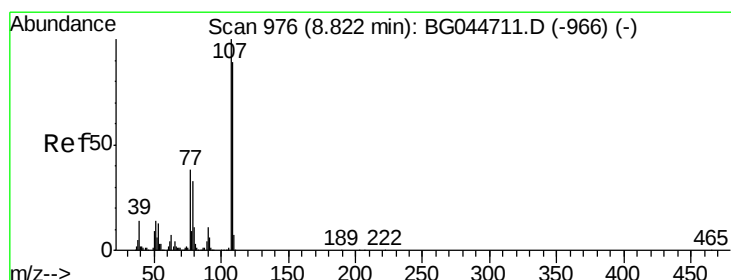
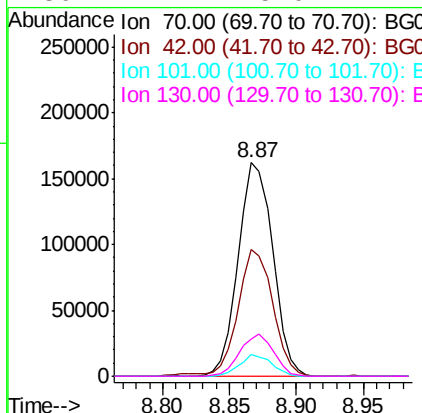
#19
n-Nitroso-di-n-propylamine
Concen: 39.590 ng
RT: 8.87 min Scan# 983
Delta R.T. 0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Instrument :
BNA_G
ClientSampleId :
PB127319BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.2	47.6	71.4
101	10.1	6.5	9.7
130	17.2	15.0	22.4

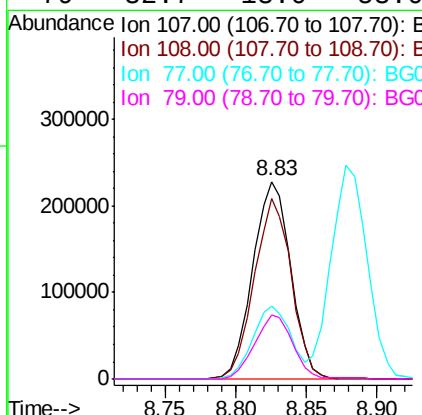
Manual Integrations
APPROVED

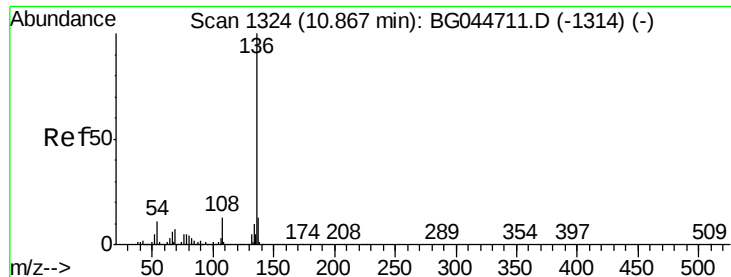
mohammad
3/16/2020 1:46:26 PM



#20
3+4-Methylphenols
Concen: 44.751 ng
RT: 8.83 min Scan# 976
Delta R.T. 0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.3	69.1	109.1
77	37.1	17.7	57.7
79	32.7	13.0	53.0





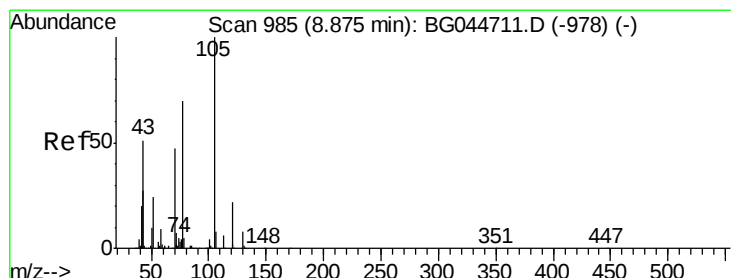
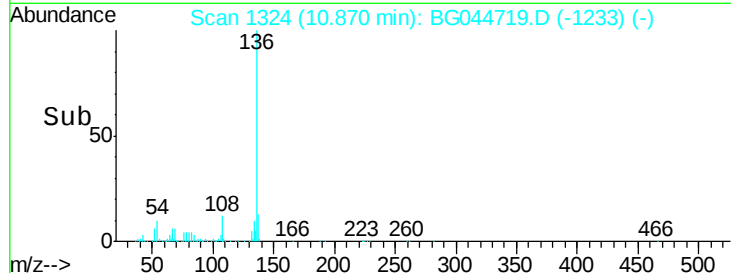
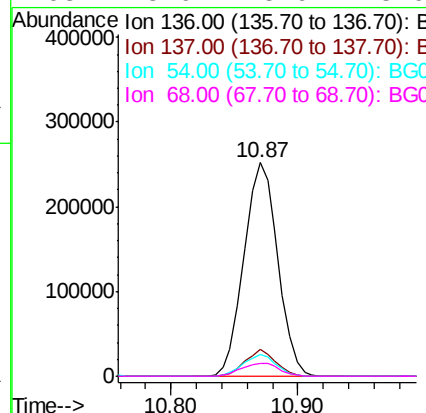
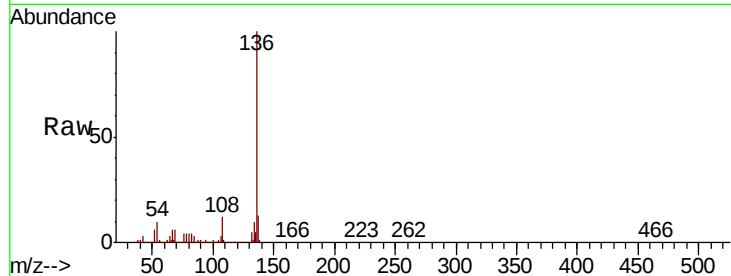
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Instrument :
BNA_G
ClientSampleId :
PB127319BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	465877		
137	12.7		10.7	16.1
54	10.2		9.0	13.4
68	5.9		5.9	8.9

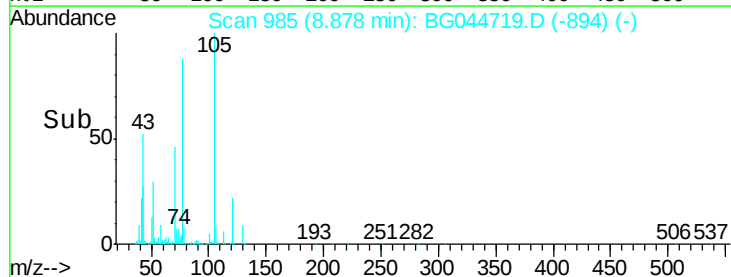
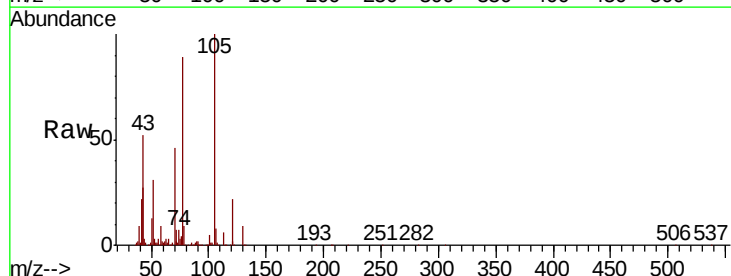
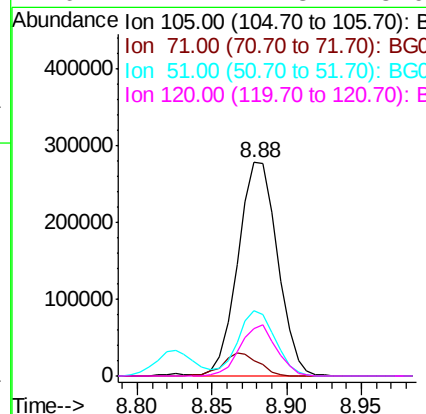
Manual Integrations
APPROVED

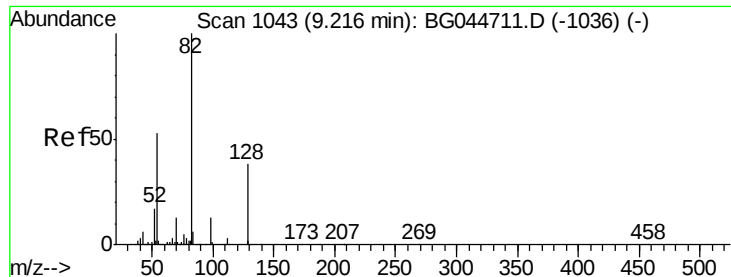
mohammad
3/16/2020 1:46:26 PM



#22
Acetophenone
Concen: 38.989 ng
RT: 8.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	514585		
71	7.3		5.8	8.8
51	30.6		23.8	35.8
120	22.1		17.3	25.9





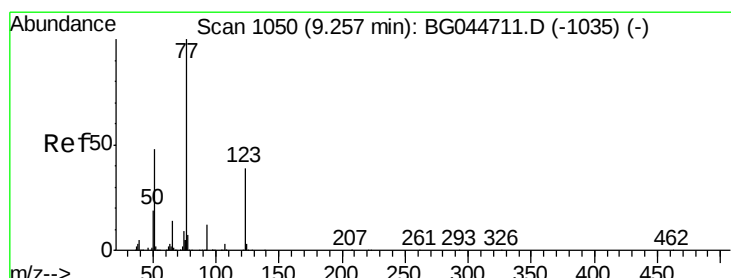
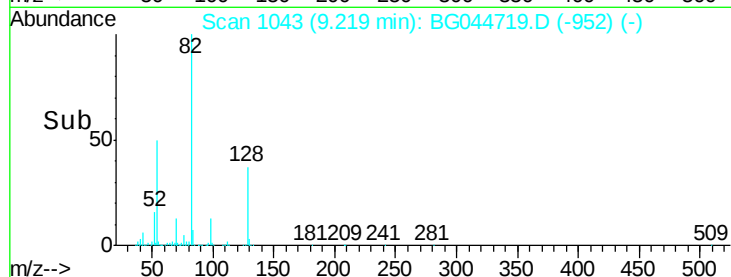
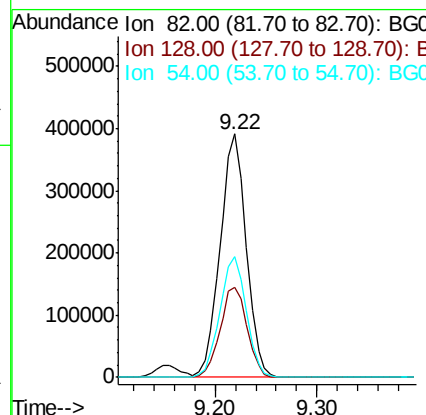
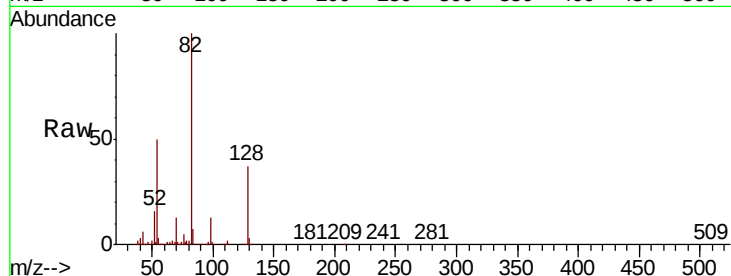
#23
Nitrobenzene-d5
Concen: 65.612 ng
RT: 9.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Instrument :
BNA_G
ClientSampleId :
PB127319BS

Tot Ion	Ion	Ratio	Lower	Upper
82	100			
128	37.0	30.2	45.2	
54	49.6	41.8	62.8	

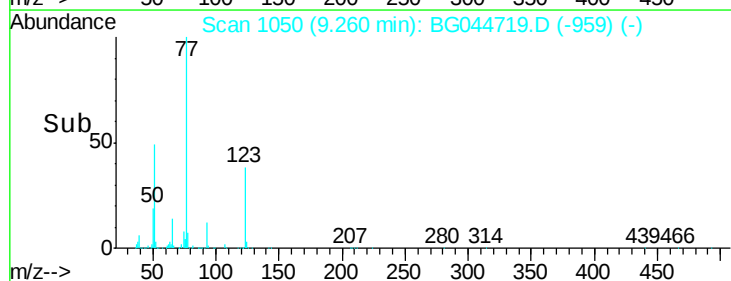
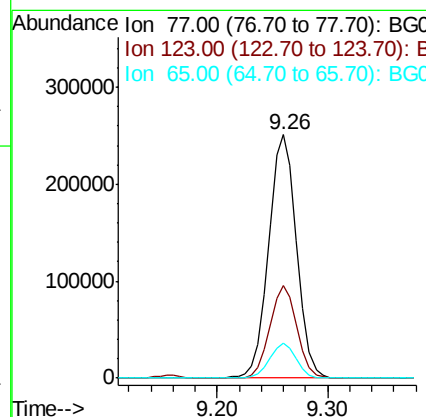
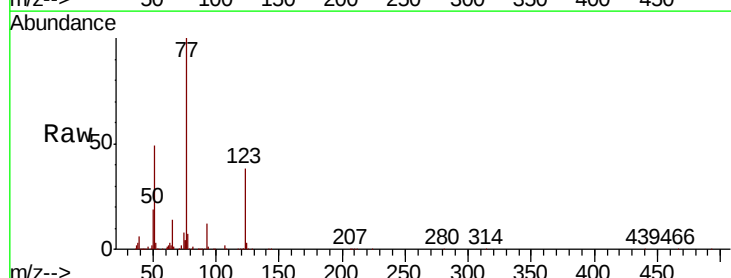
Manual Integrations
APPROVED

mohammad
3/16/2020 1:46:26 PM



#24
Nitrobenzene
Concen: 40.269 ng
RT: 9.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Tgt Ion	Ion	Ratio	Lower	Upper
77	100			
123	37.8	31.5	47.3	
65	14.5	11.0	16.4	





#25

Isophorone

Concen: 38.677 ng

RT: 9.79 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Instrument :

BNA_G

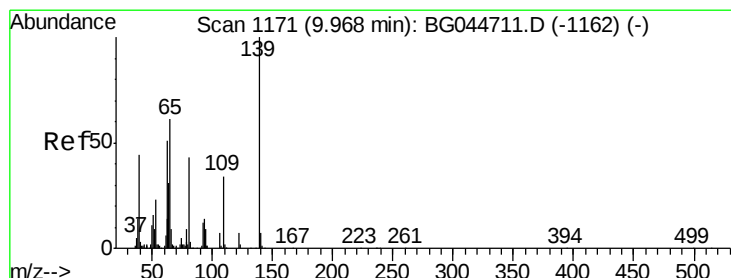
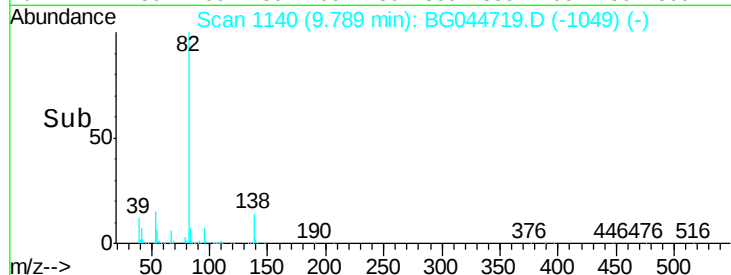
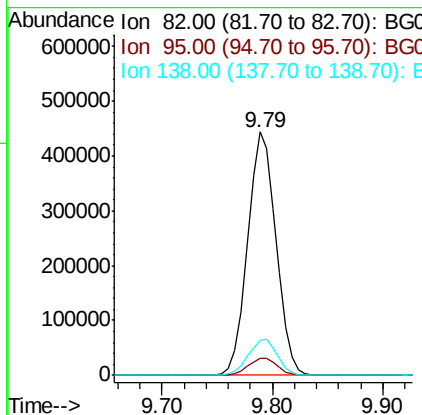
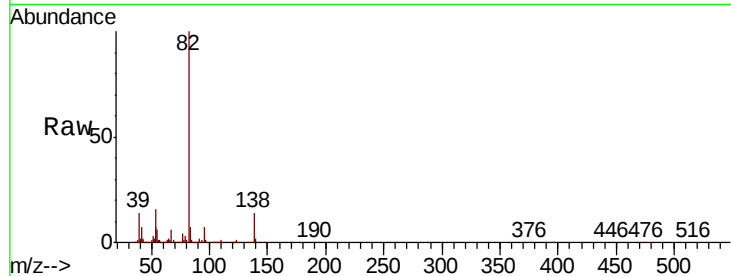
ClientSampleId :

PB127319BS

Tot Ion:	82	Resp:	801414
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.6	8.4
138	14.2	13.0	19.4

Manual Integrations
APPROVED

mohammad
3/16/2020 1:46:26 PM



#26

2-Nitrophenol

Concen: 43.063 ng

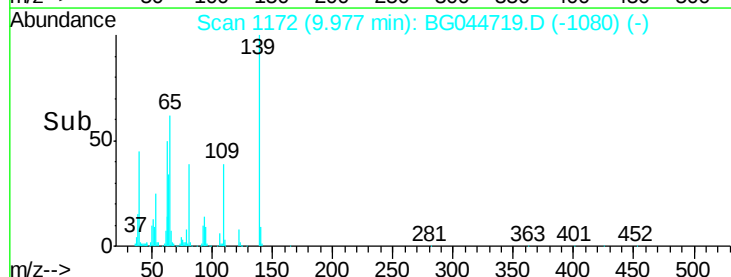
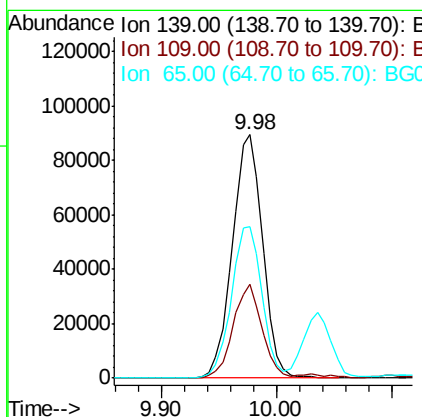
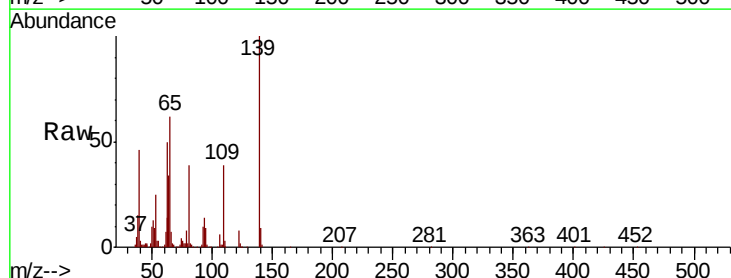
RT: 9.98 min Scan# 1172

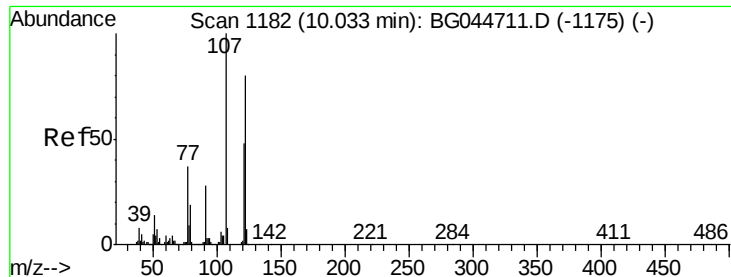
Delta R.T. 0.01 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Tgt Ion:	139	Resp:	162239
Ion Ratio	Lower	Upper	
139	100		
109	38.7	27.0	40.4
65	62.3	48.6	73.0





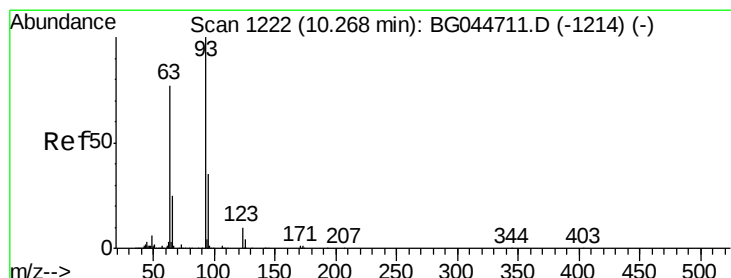
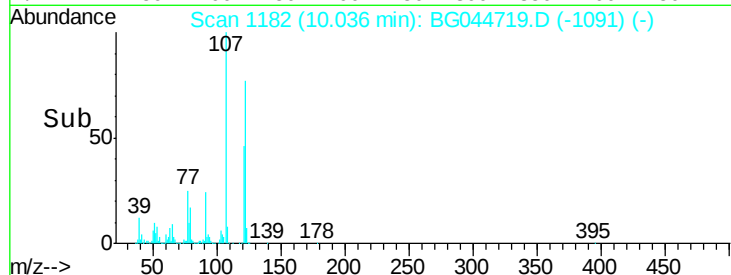
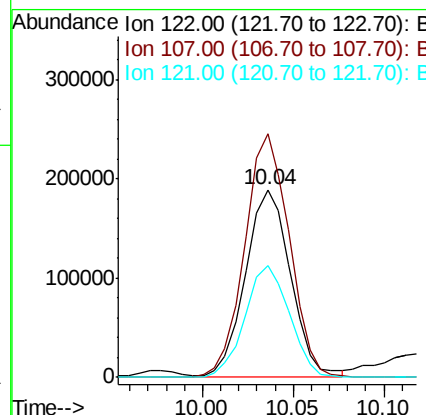
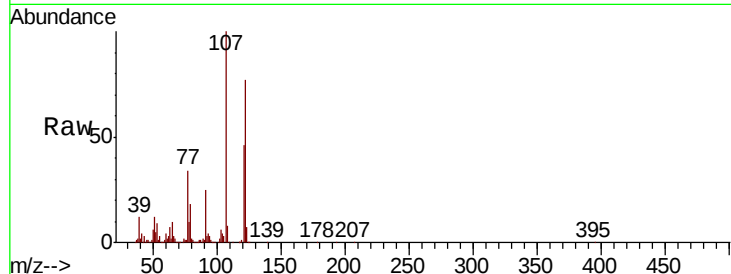
#27
2,4-Dimethylphenol
Concen: 48.516 ng
RT: 10.04 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Instrument :
BNA_G
ClientSampleId :
PB127319BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	129.7	99.0	148.6
121	59.6	47.6	71.4

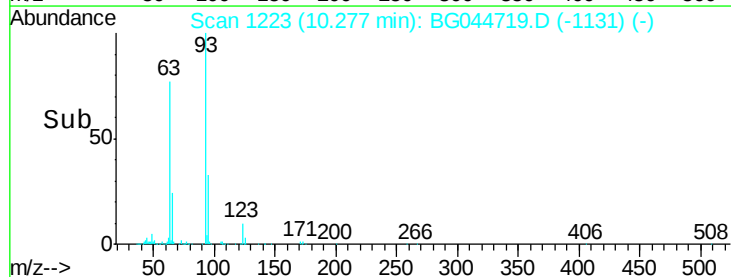
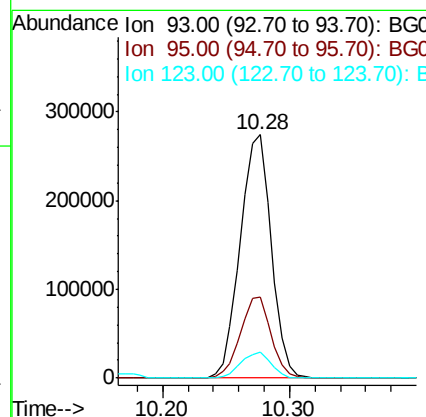
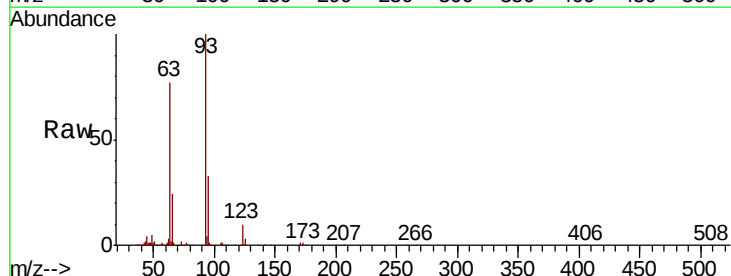
Manual Integrations
APPROVED

mohammad
3/16/2020 1:46:26 PM



#28
bis(2-Chloroethoxy)methane
Concen: 37.572 ng
RT: 10.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	27.7	41.5
123	10.5	8.1	12.1





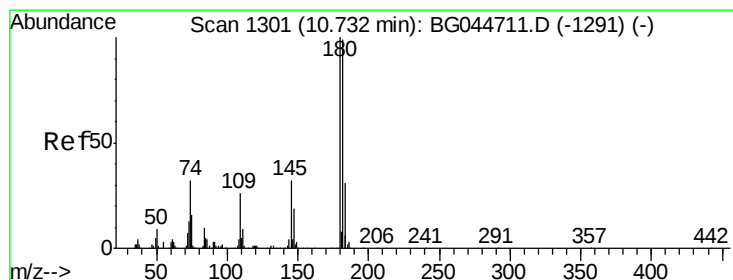
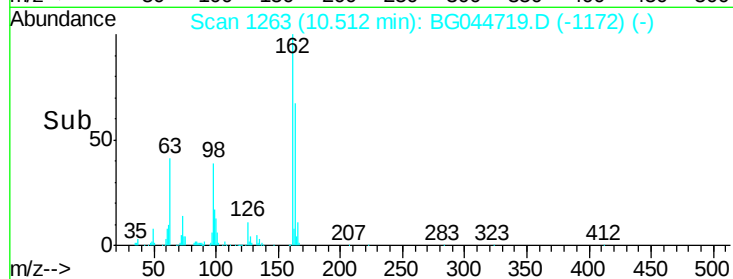
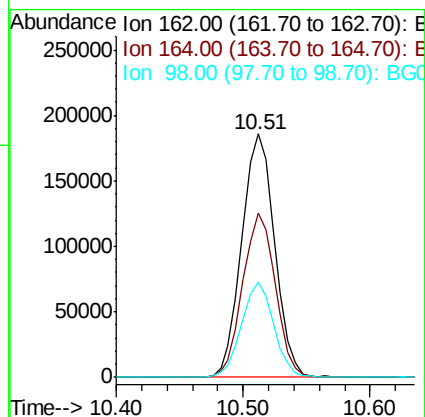
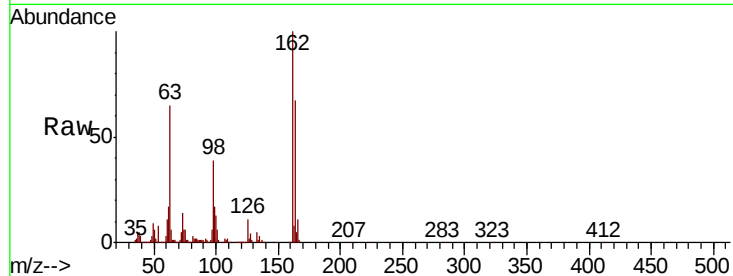
#29
2,4-Dichlorophenol
Concen: 42.527 ng
RT: 10.51 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Instrument :
BNA_G
ClientSampleId :
PB127319BS

Tot Ion:	162	Resp:	335173
Ion Ratio		Lower	Upper
162	100		
164	67.2	46.5	86.5
98	39.2	18.1	58.1

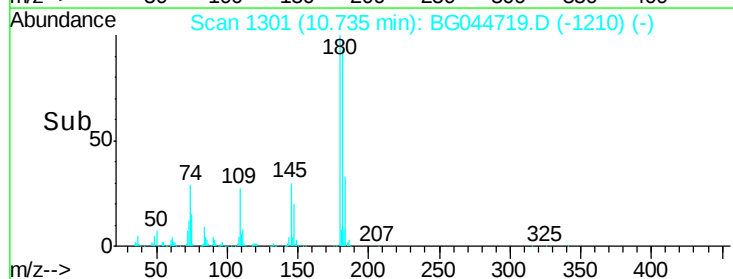
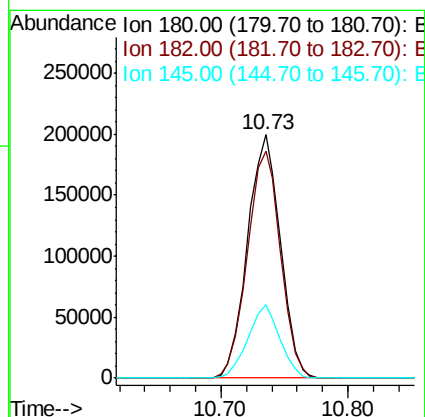
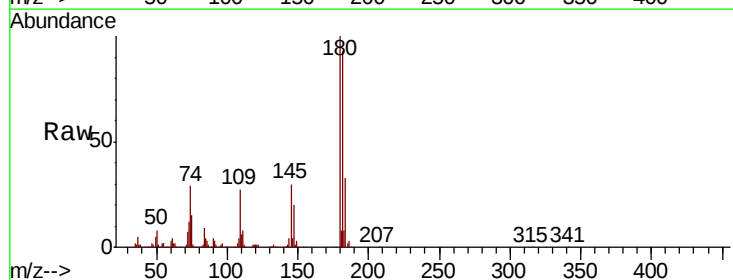
Manual Integrations
APPROVED

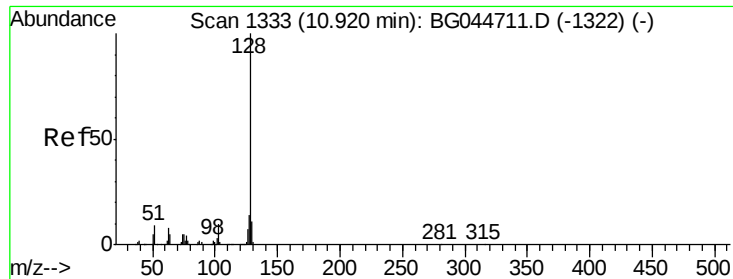
mohammad
3/16/2020 1:46:26 PM



#30
1,2,4-Trichlorobenzene
Concen: 38.115 ng
RT: 10.73 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Tgt Ion:	180	Resp:	359195
Ion Ratio		Lower	Upper
180	100		
182	93.1	78.8	118.2
145	30.1	25.4	38.0





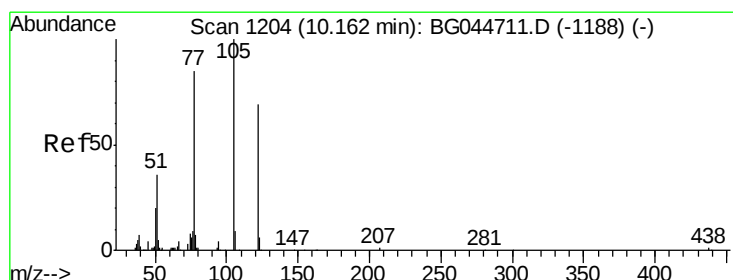
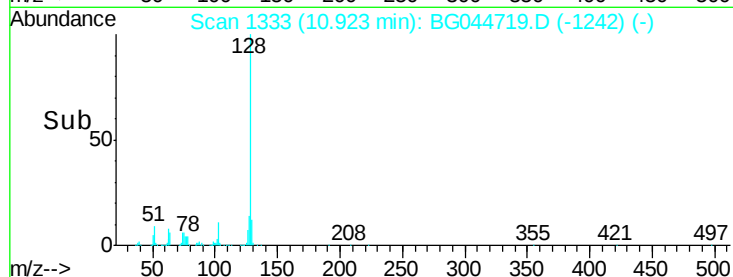
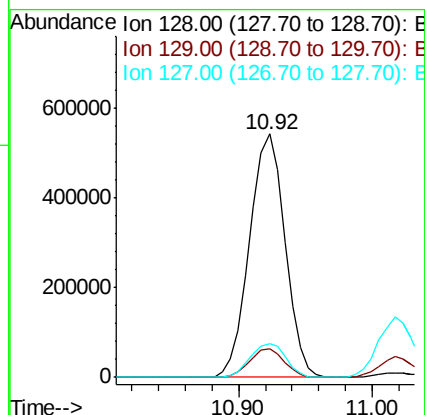
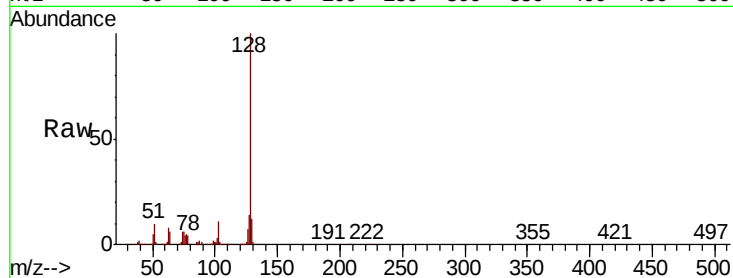
#31
Naphthalene
Concen: 38.773 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Instrument :
BNA_G
ClientSampleId :
PB127319BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.4
127	14.0	11.0	16.6

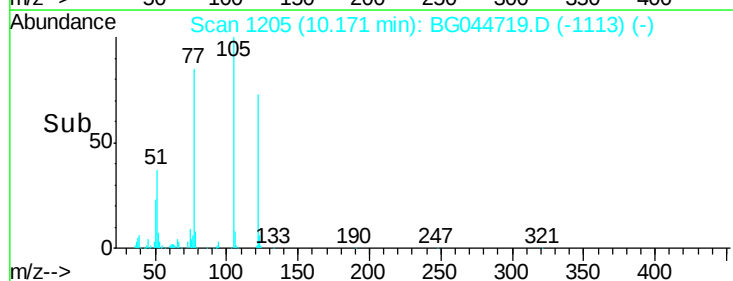
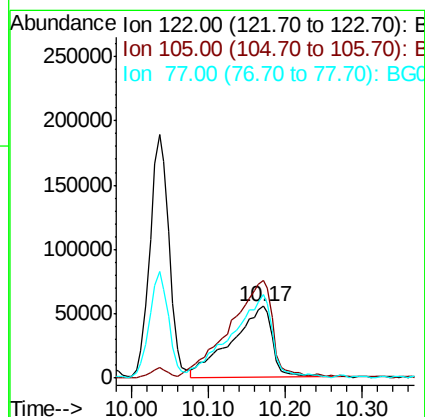
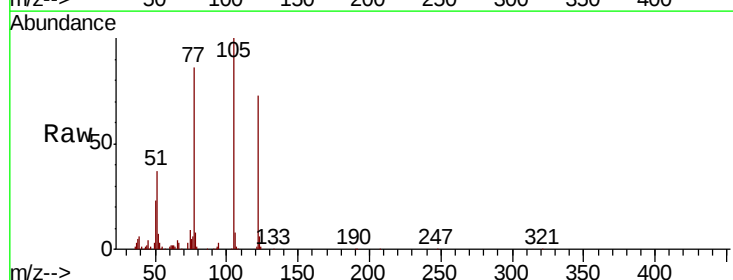
Manual Integrations
APPROVED

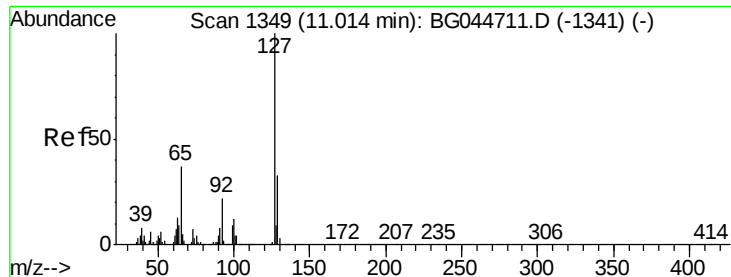
mohammad
3/16/2020 1:46:26 PM



#32
Benzoic acid
Concen: 40.889 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
122	100		
105	136.4	119.0	159.0
77	117.1	96.4	136.4





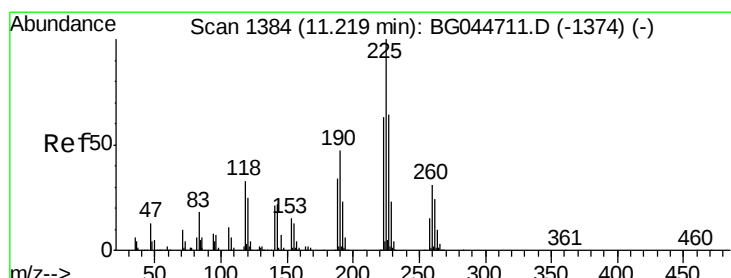
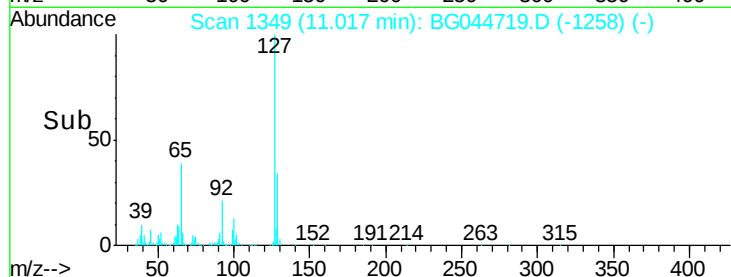
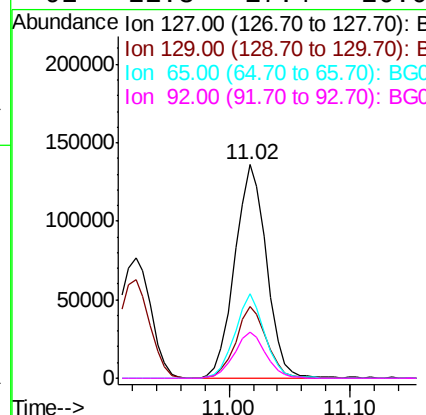
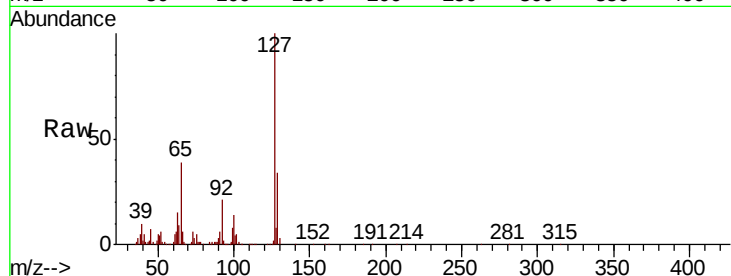
#33
4-Chloroaniline
Concen: 21.426 ng
RT: 11.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Instrument :
BNA_G
ClientSampleId :
PB127319BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.6	26.2	39.4		
65	39.4	29.6	44.4		
92	21.3	17.4	26.0		

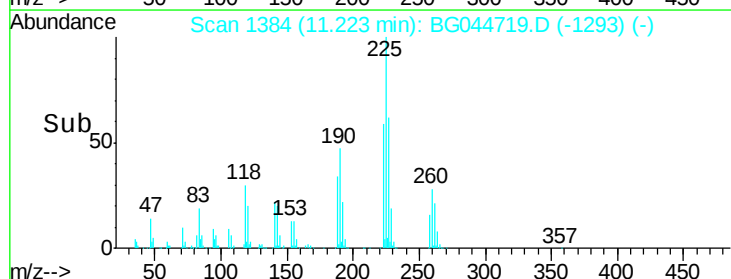
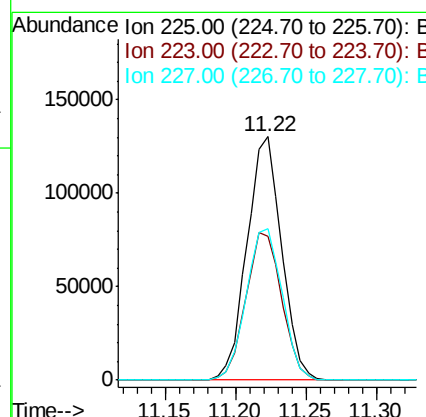
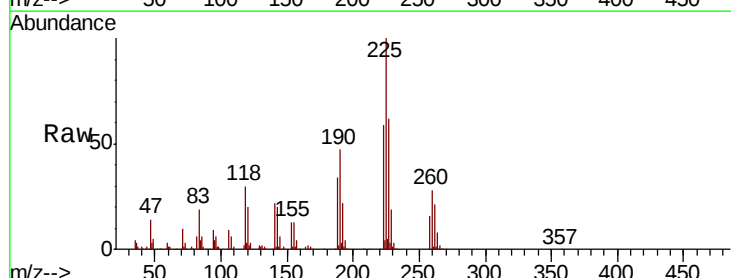
Manual Integrations
APPROVED

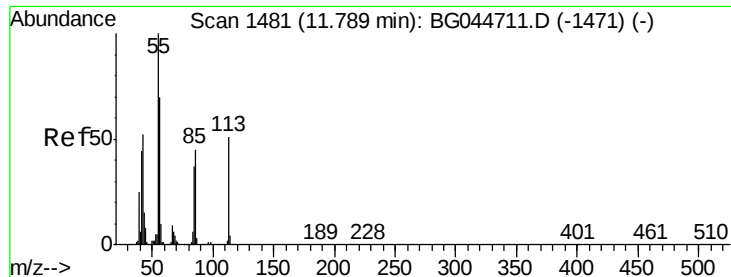
mohammad
3/16/2020 1:46:26 PM



#34
Hexachlorobutadiene
Concen: 36.167 ng
RT: 11.22 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	59.0	50.6	76.0		
227	62.4	51.6	77.4		





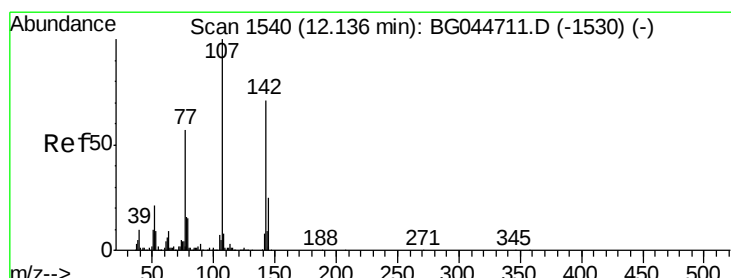
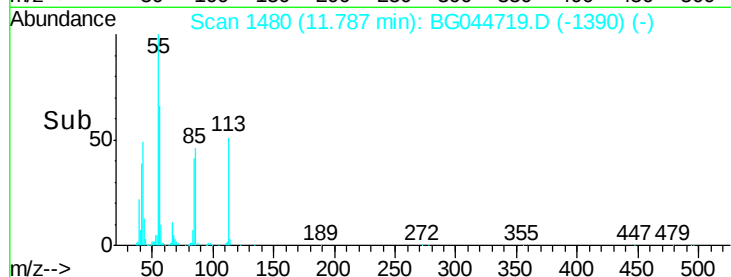
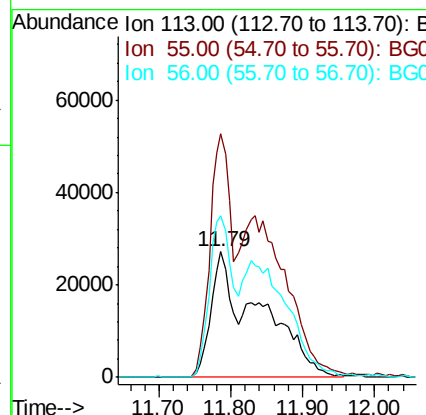
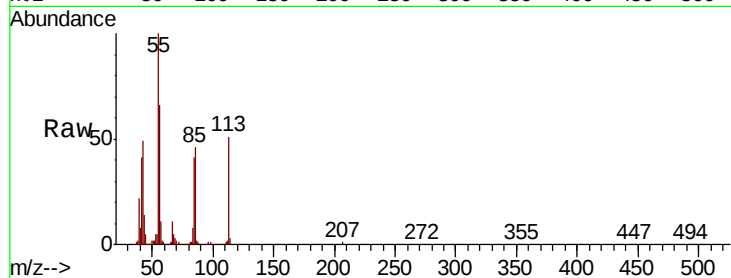
#35
Caprolactam
Concen: 42.869 ng/ml
RT: 11.79 min Scan# 1480
Delta R.T. -0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Instrument :
BNA_G
ClientSampleId :
PB127319BS

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	194.2	178.4	218.4	
56	128.9	117.7	157.7	

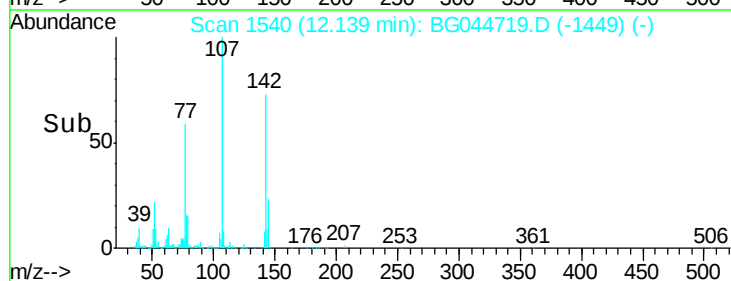
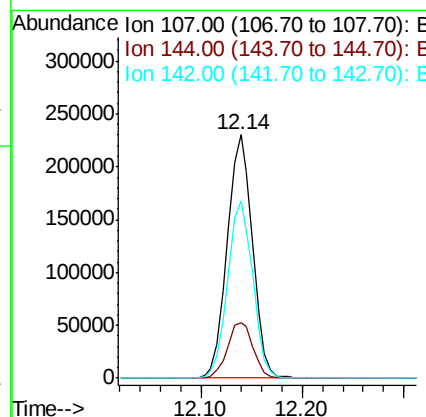
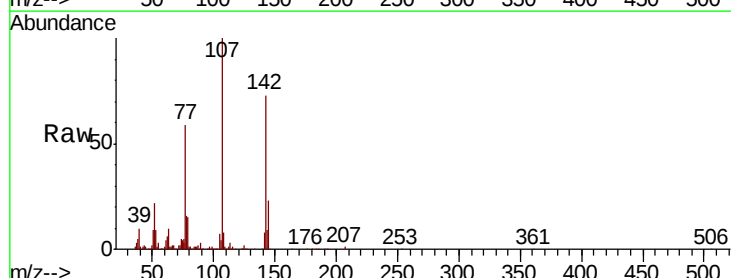
Manual Integrations
APPROVED

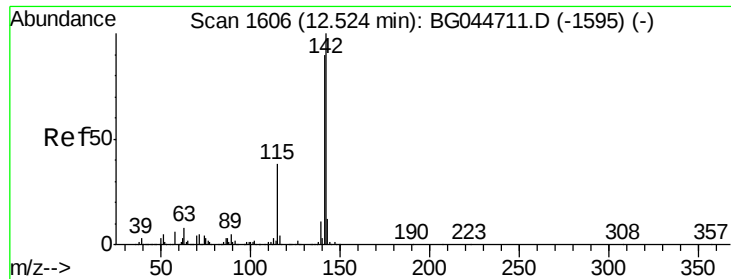
mohammad
3/16/2020 1:46:26 PM



#36
4-Chloro-3-methylphenol
Concen: 42.243 ng/ml
RT: 12.14 min Scan# 1540
Delta R.T. 0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	22.6	19.6	29.4	
142	72.8	56.5	84.7	





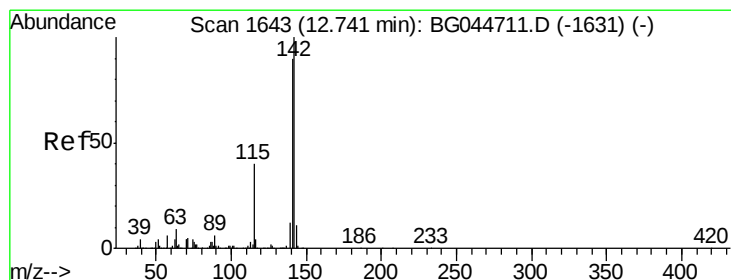
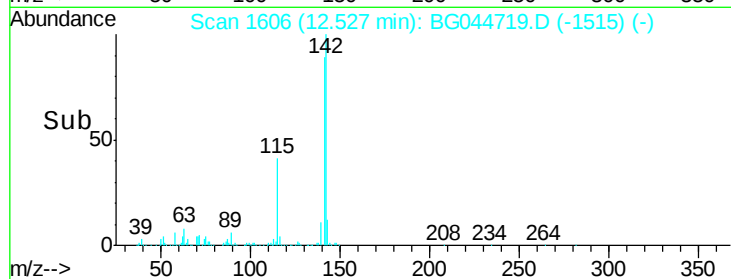
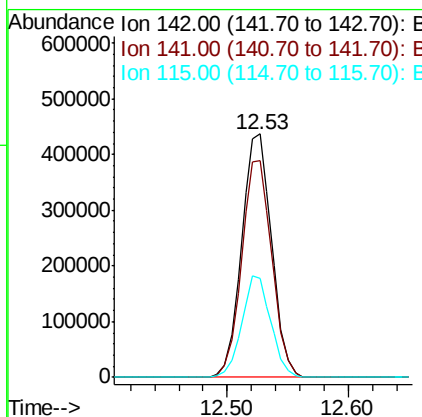
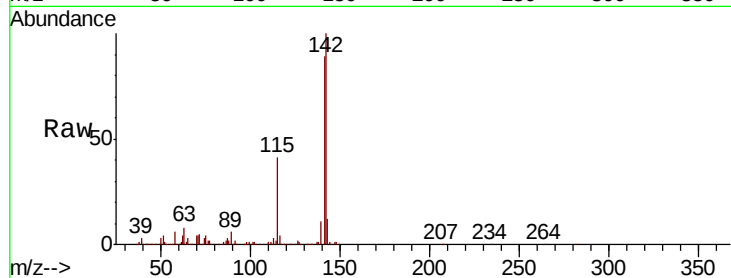
#37
 2-Methylnaphthalene
 Concen: 38.984 ng
 RT: 12.53 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: BG044719.D
 Acq: 11 Mar 2020 13:58

Instrument :
 BNA_G
 ClientSampleId :
 PB127319BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.3	108.5
115	40.7	30.6	45.8

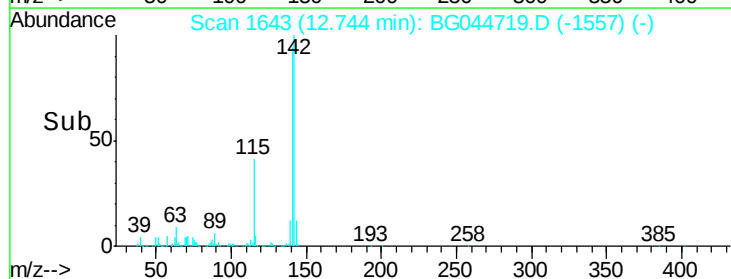
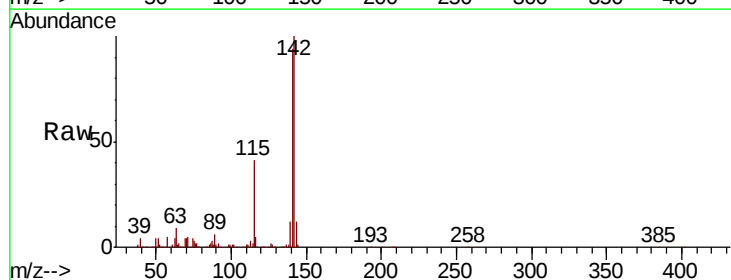
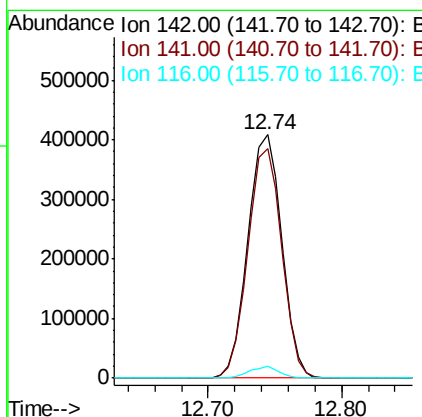
Manual Integrations
 APPROVED

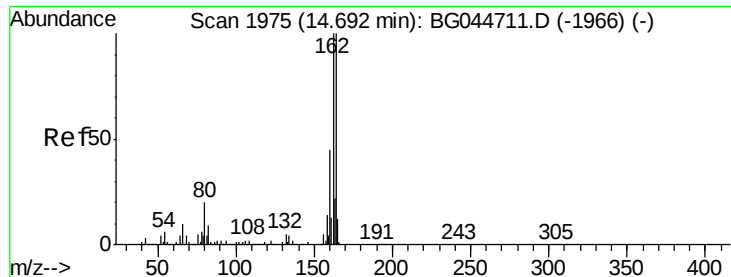
mohammad
 3/16/2020 1:46:26 PM



#38
 1-Methylnaphthalene
 Concen: 39.379 ng
 RT: 12.74 min Scan# 1643
 Delta R.T. 0.00 min
 Lab File: BG044719.D
 Acq: 11 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.3	72.2	108.2
116	4.8	3.5	5.3





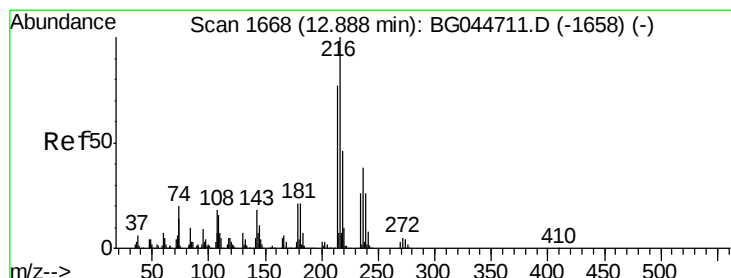
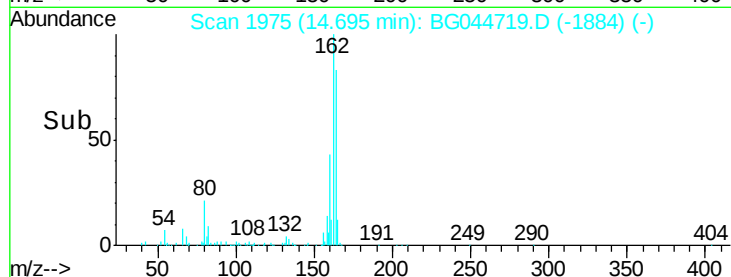
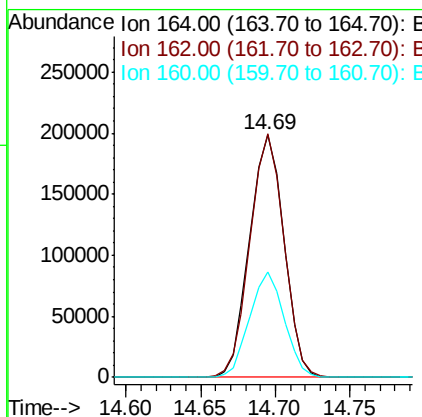
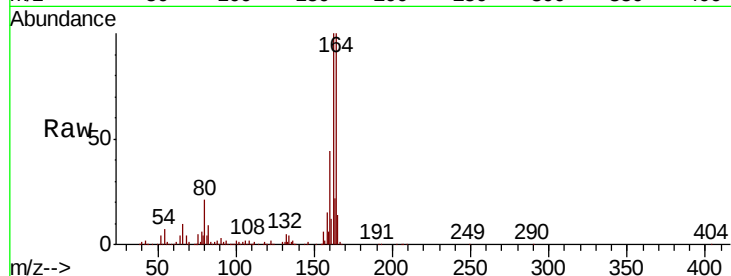
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Instrument :
BNA_G
ClientSampleId :
PB127319BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.2	120.4
160	43.7	36.2	54.2

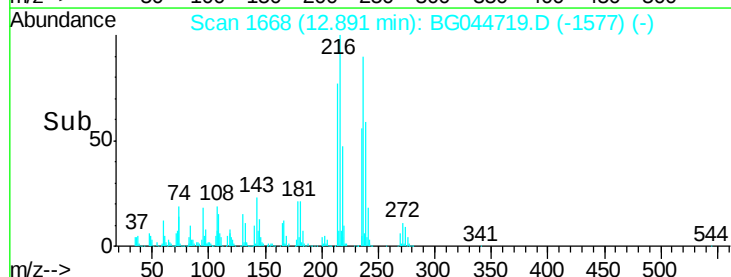
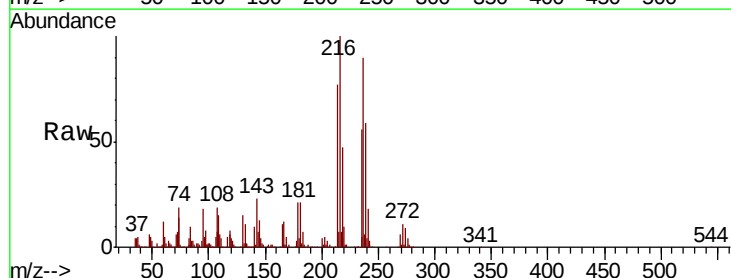
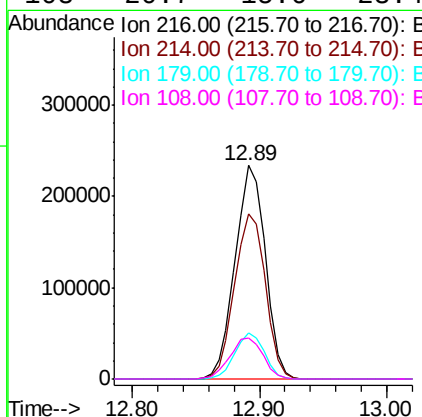
Manual Integrations
APPROVED

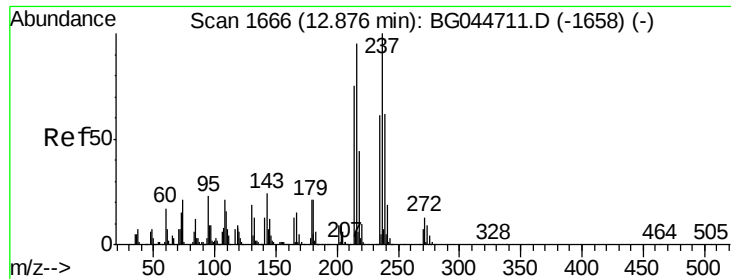
mohammad
3/16/2020 1:46:26 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.121 ng
RT: 12.89 min Scan# 1668
Delta R.T. 0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.0	94.4
179	20.8	16.6	24.8
108	20.7	15.6	23.4





#41

Hexachlorocyclopentadiene

Concen: 80.759 ng

RT: 12.89 min Scan# 1667

Delta R.T. 0.01 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Instrument :

BNA_G

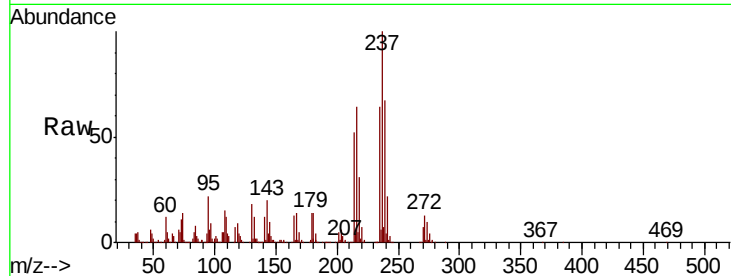
ClientSampleId :

PB127319BS

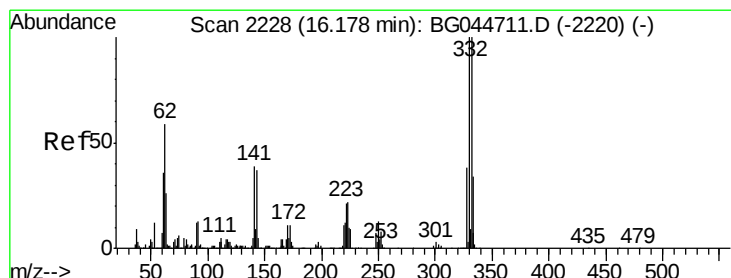
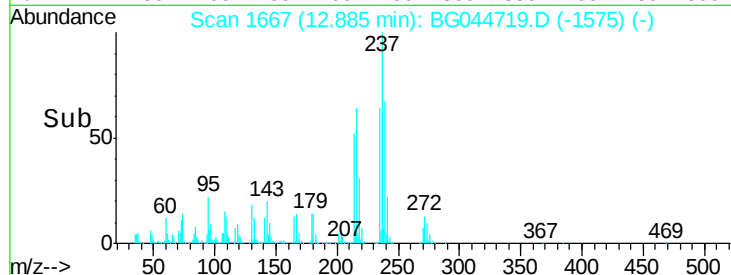
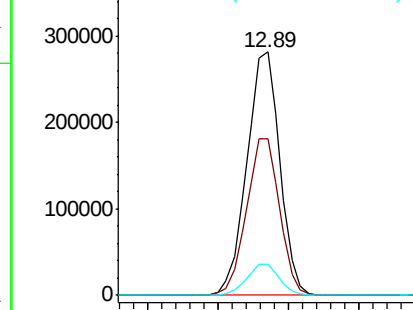
Tot Ion:	237	Resp:	460946
Ion Ratio		Lower	Upper
237	100		
235	64.3	40.6	80.6
272	12.7	0.0	32.5

Manual Integrations
APPROVED

mohammad
3/16/2020 1:46:26 PM



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



#42

2,4,6-Tribromophenol

Concen: 110.269 ng

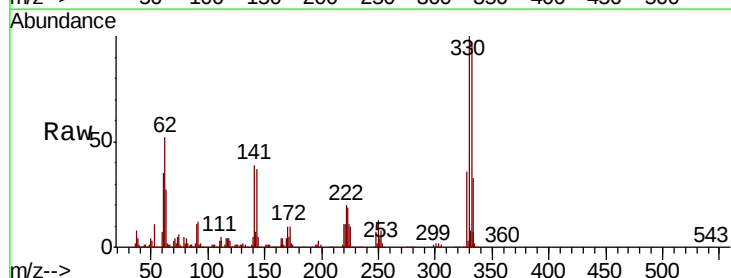
RT: 16.18 min Scan# 2228

Delta R.T. 0.00 min

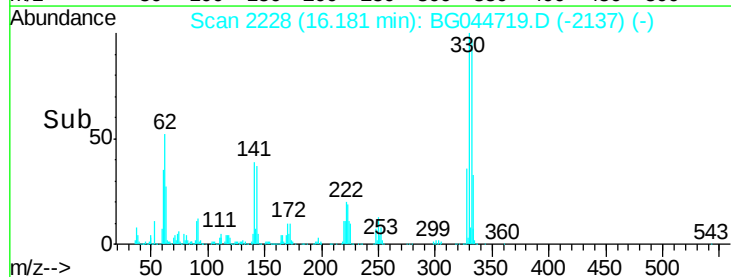
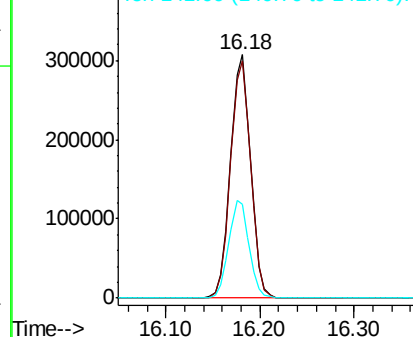
Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Tgt Ion:	330	Resp:	457871
Ion Ratio		Lower	Upper
330	100		
332	97.6	77.5	116.3
141	40.4	31.7	47.5



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





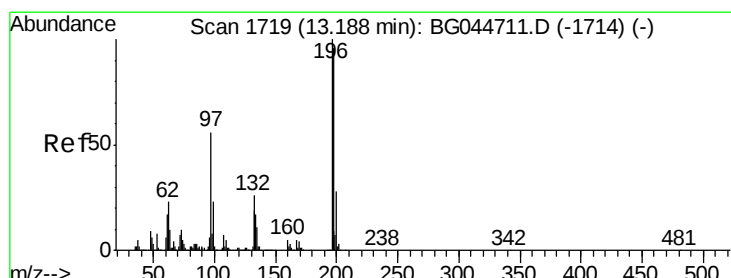
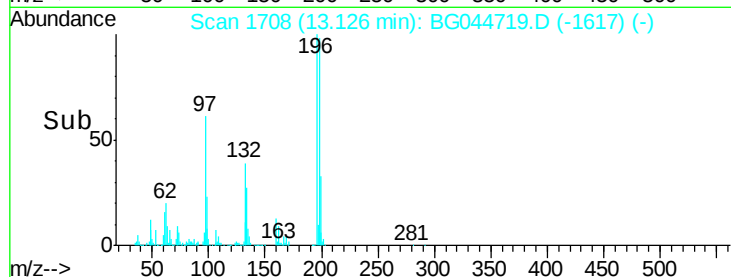
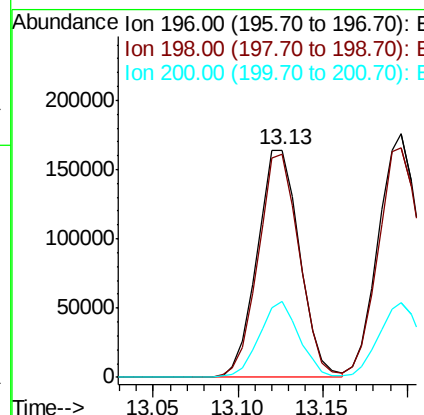
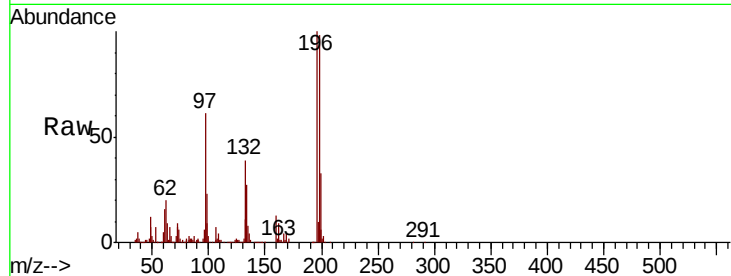
#43
 2,4,6-Trichlorophenol
 Concen: 41.162 ng
 RT: 13.13 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BG044719.D
 Acq: 11 Mar 2020 13:58

Instrument :
 BNA_G
 ClientSampleId :
 PB127319BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	285299		
198	97.9	76.5	114.7	
200	33.1	25.9	38.9	

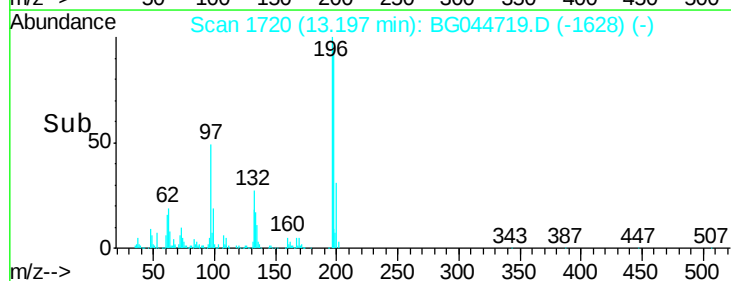
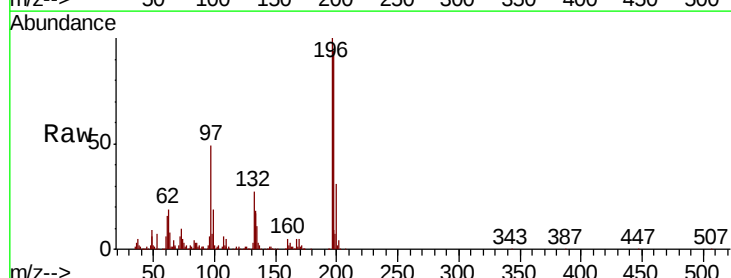
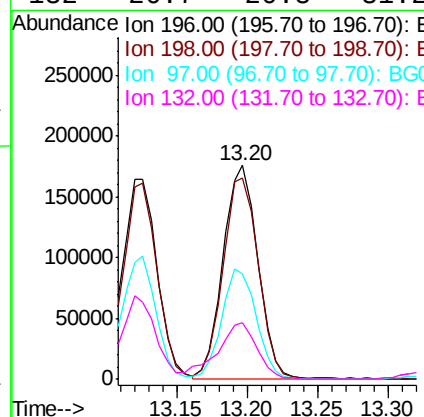
Manual Integrations
 APPROVED

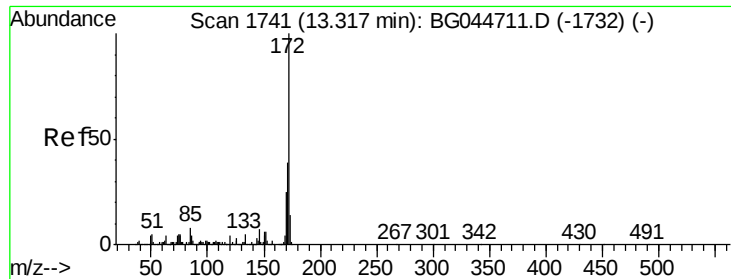
mohammad
 3/16/2020 1:46:26 PM



#44
 2,4,5-Trichlorophenol
 Concen: 41.515 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. 0.01 min
 Lab File: BG044719.D
 Acq: 11 Mar 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	298410		
198	94.2	77.3	115.9	
97	49.2	44.9	67.3	
132	26.7	20.8	31.2	





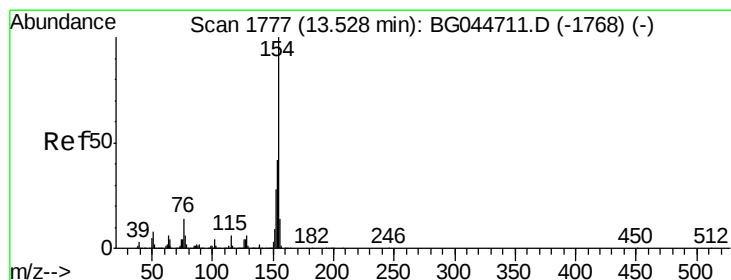
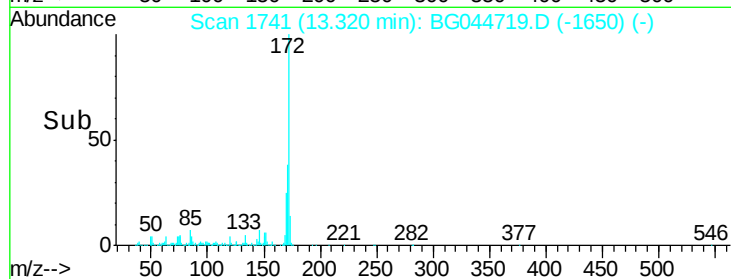
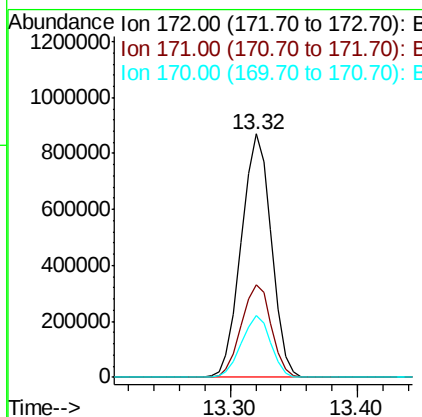
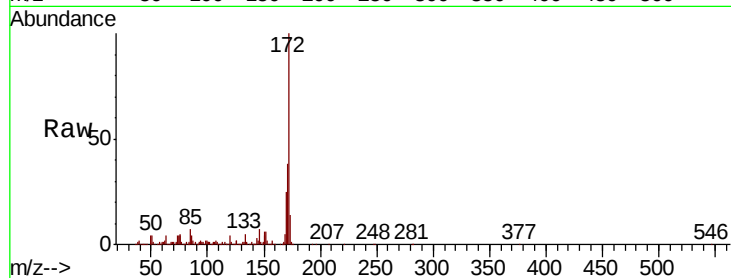
#45
2-Fluorobiphenyl
Concen: 64.556 ng
RT: 13.32 min Scan# 1741
Delta R.T. 0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Instrument :
BNA_G
ClientSampleId :
PB127319BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.8	46.2
170	25.4	20.0	30.0

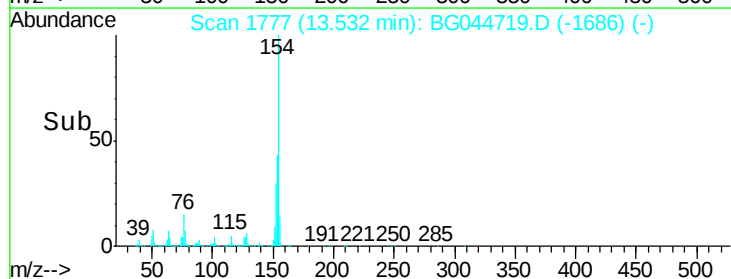
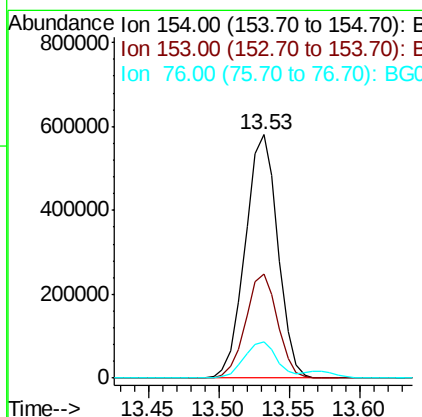
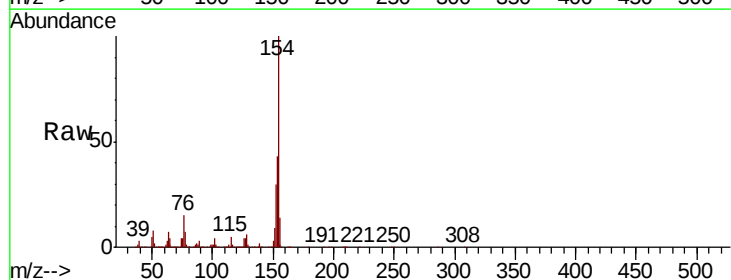
Manual Integrations
APPROVED

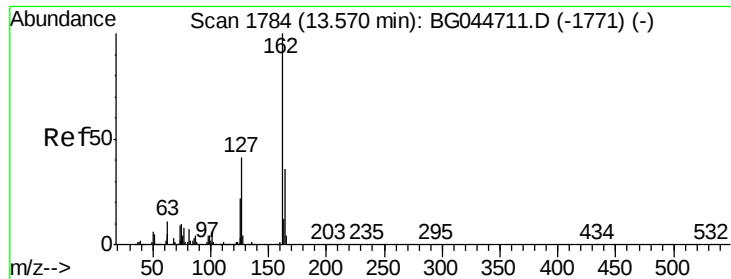
mohammad
3/16/2020 1:46:26 PM



#46
1,1'-Biphenyl
Concen: 36.990 ng
RT: 13.53 min Scan# 1777
Delta R.T. 0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	22.0	62.0
76	15.0	0.0	34.2





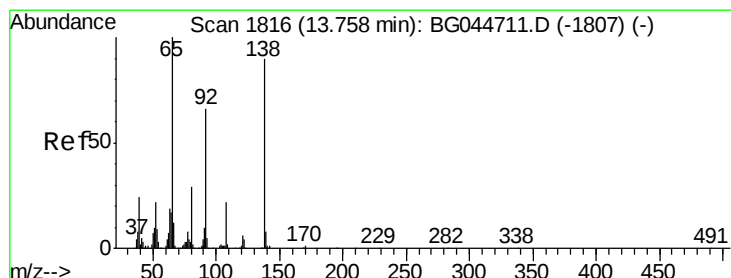
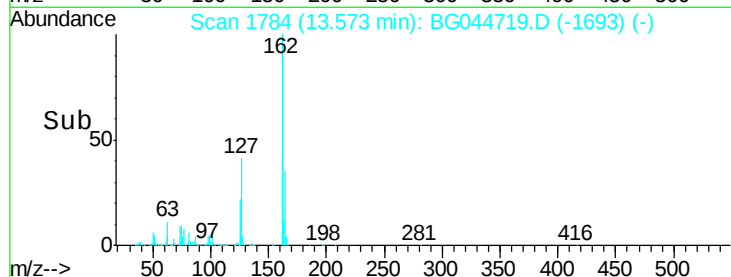
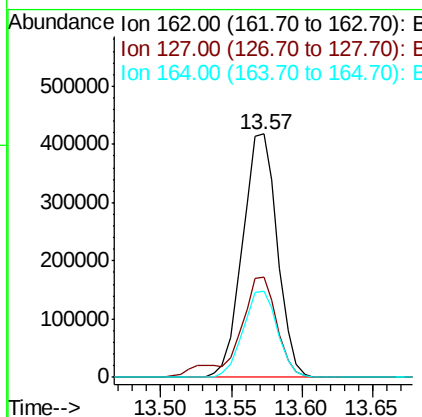
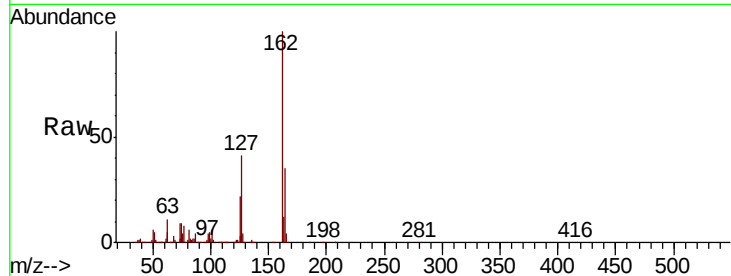
#47
2-Chloronaphthalene
Concen: 37.173 ng
RT: 13.57 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Instrument :
BNA_G
ClientSampleId :
PB127319BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.3	32.6	48.8
164	35.4	29.0	43.4

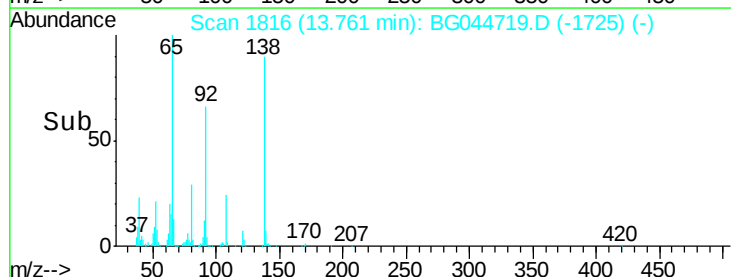
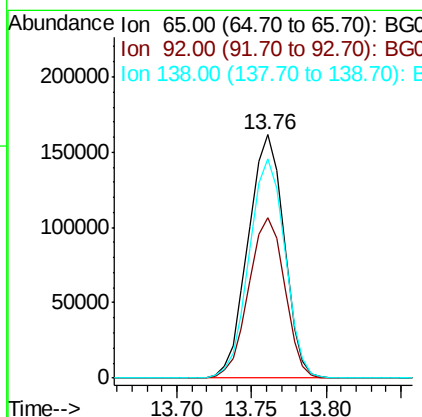
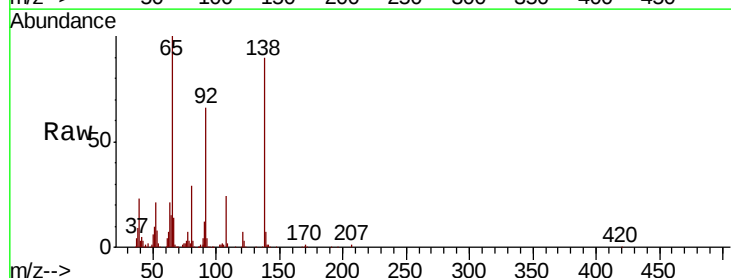
Manual Integrations
APPROVED

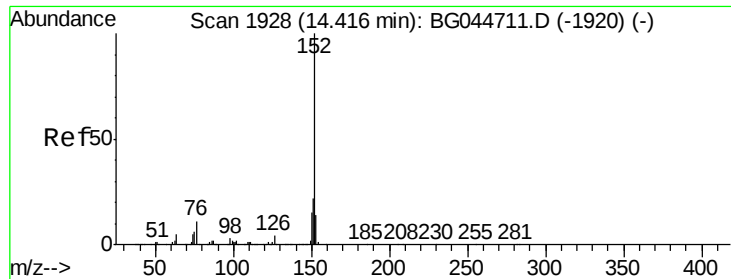
mohammad
3/16/2020 1:46:26 PM



#48
2-Nitroaniline
Concen: 39.820 ng
RT: 13.76 min Scan# 1816
Delta R.T. 0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.9	52.6	79.0
138	90.0	71.8	107.6





#49

Acenaphthylene

Concen: 39.016 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Instrument :

BNA_G

ClientSampleId :

PB127319BS

Tot Ion:152 Resp: 1183327

Ion Ratio Lower Upper

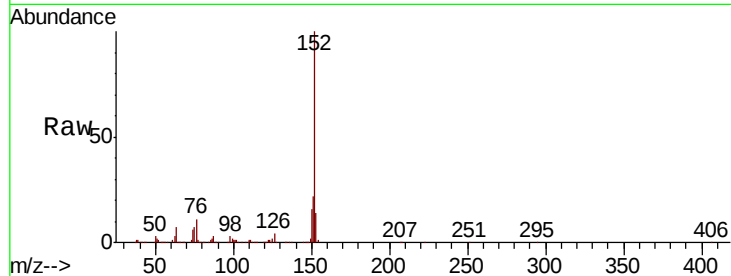
152 100

151 22.4 17.8 26.8

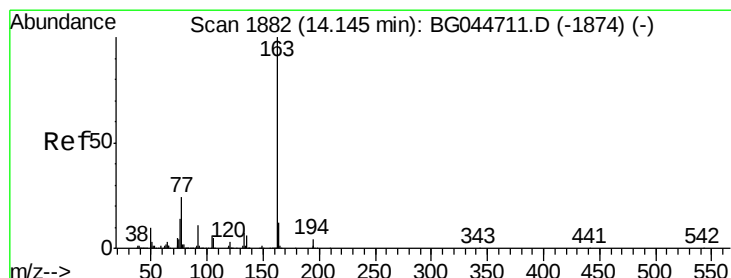
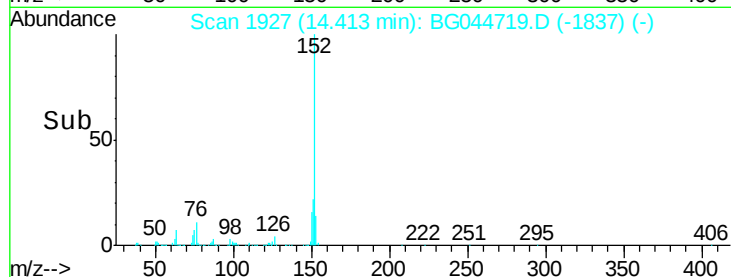
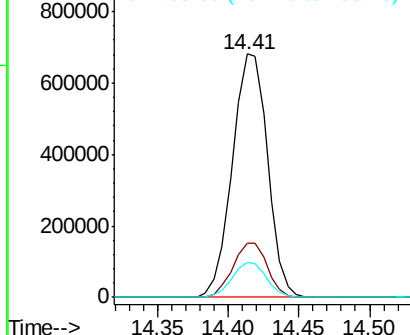
153 14.4 11.4 17.0

Manual Integrations
APPROVED

mohammad
3/16/2020 1:46:26 PM



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



#50

Dimethylphthalate

Concen: 38.242 ng

RT: 14.15 min Scan# 1882

Delta R.T. 0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

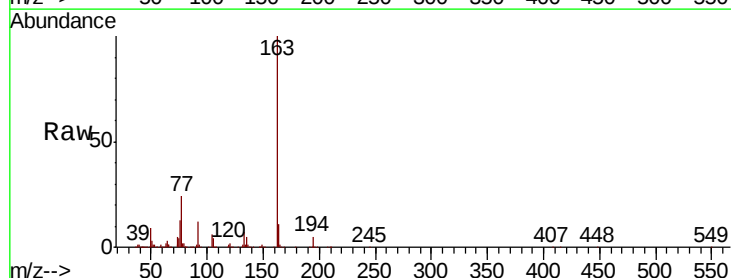
Tgt Ion:163 Resp: 965900

Ion Ratio Lower Upper

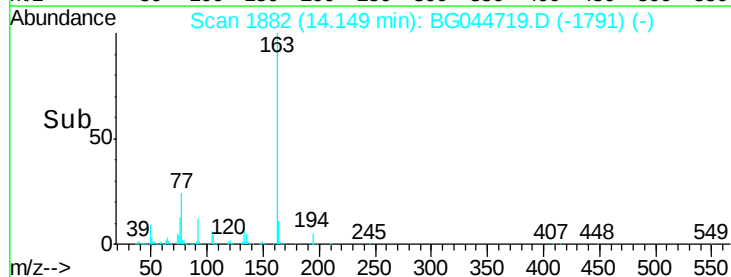
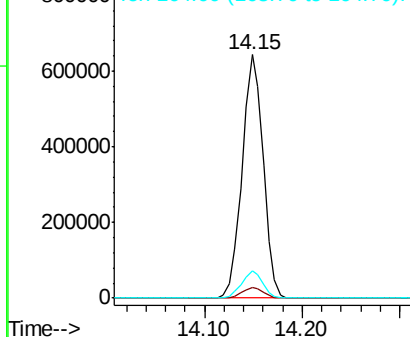
163 100

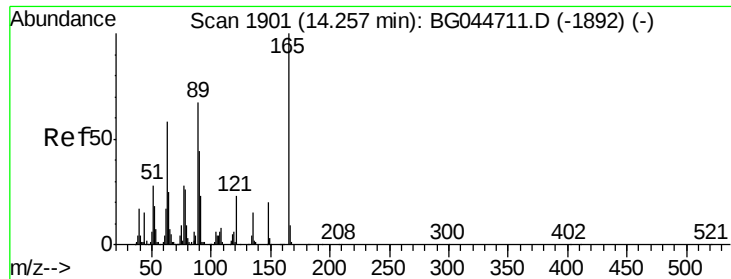
194 4.5 3.5 5.3

164 11.1 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





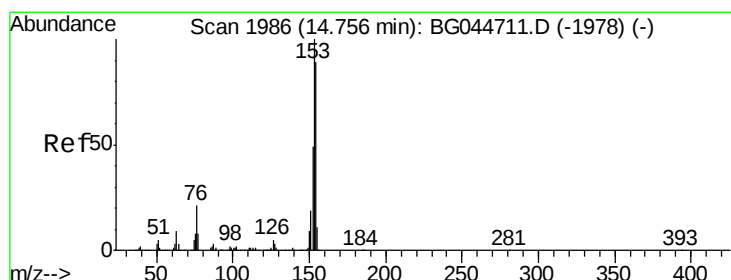
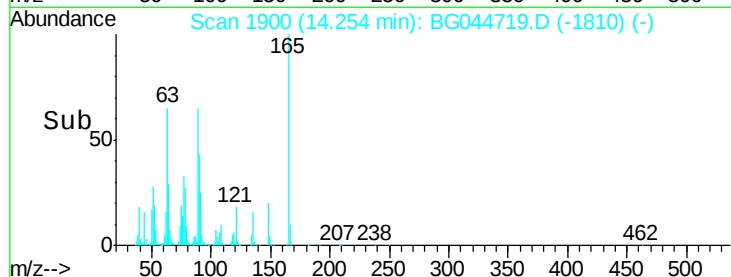
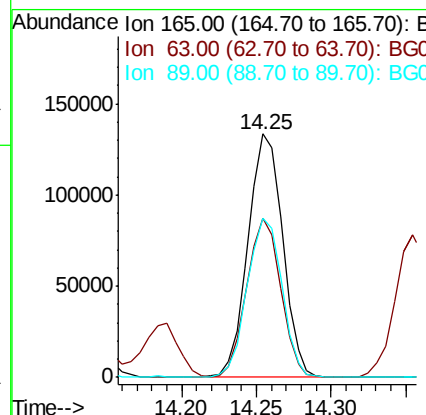
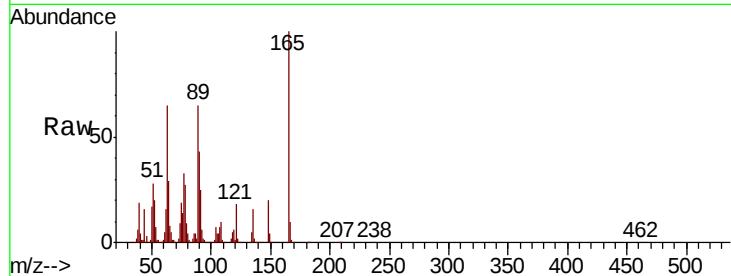
#51
2,6-Dinitrotoluene
Concen: 42.146 ng
RT: 14.25 min Scan# 1900
Delta R.T. -0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Instrument :
BNA_G
ClientSampleId :
PB127319BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	214573		
63	65.3	48.9	73.3	
89	65.4	53.8	80.8	

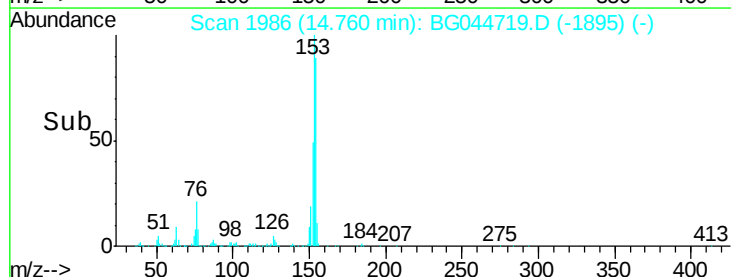
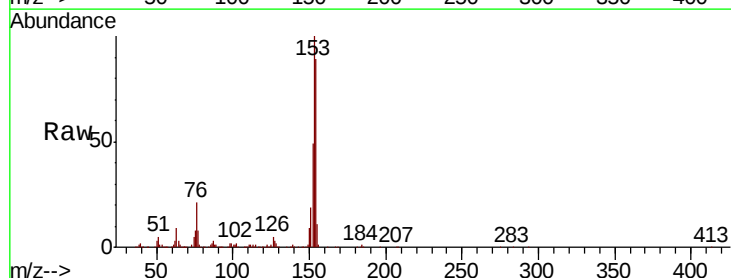
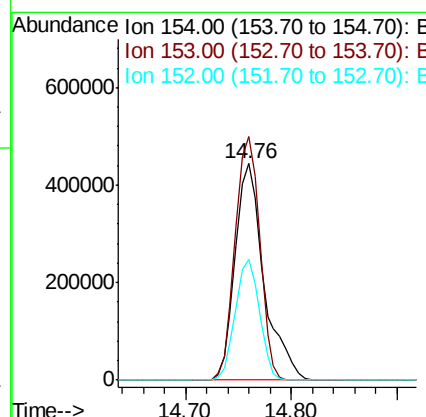
Manual Integrations
APPROVED

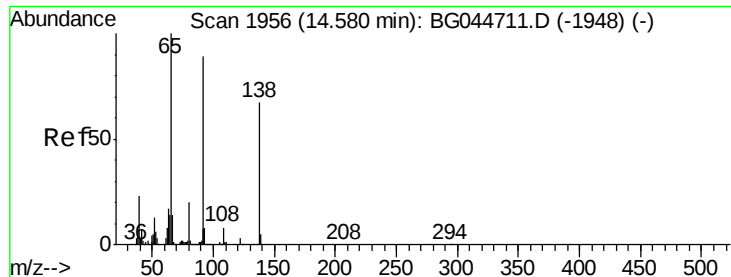
mohammad
3/16/2020 1:46:26 PM



#52
Acenaphthene
Concen: 42.052 ng
RT: 14.76 min Scan# 1986
Delta R.T. 0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	835274		
153	112.6	89.8	134.8	
152	55.6	44.4	66.6	





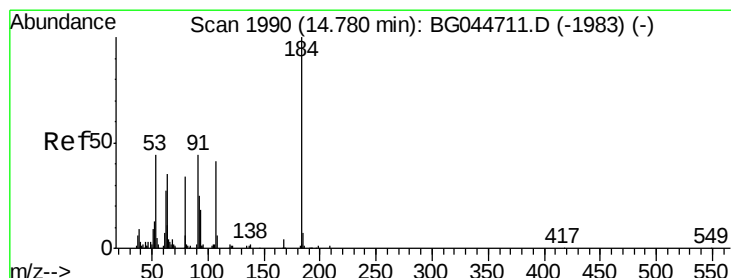
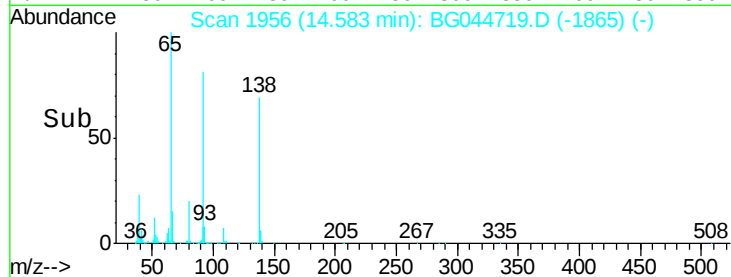
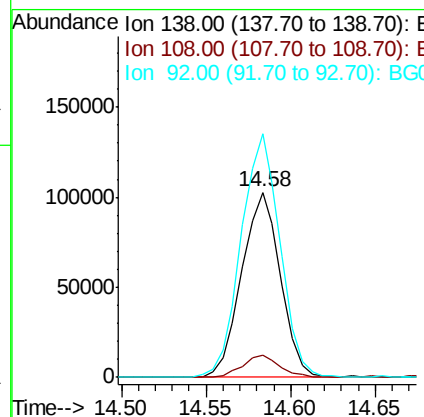
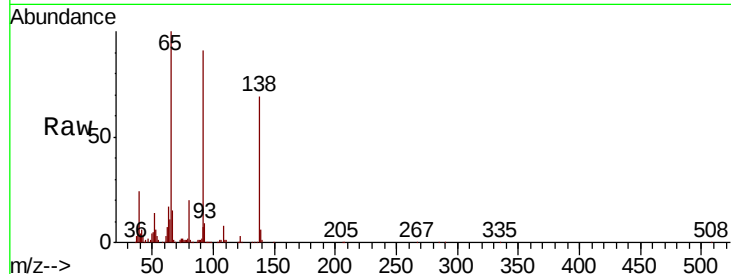
#53
3-Nitroaniline
Concen: 27.867 ng
RT: 14.58 min Scan# 1956
Delta R.T. 0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Instrument :
BNA_G
ClientSampleId :
PB127319BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.7	9.2	13.8
92	131.5	105.6	158.4

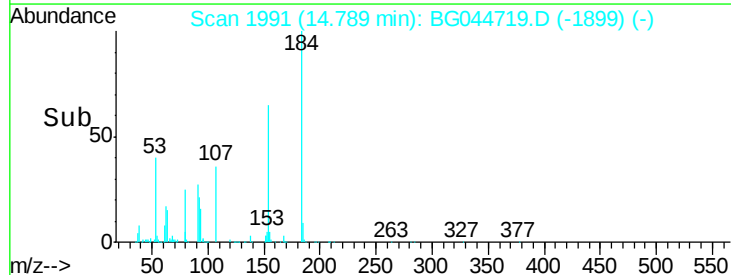
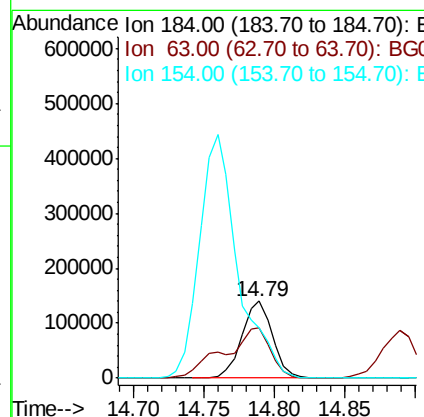
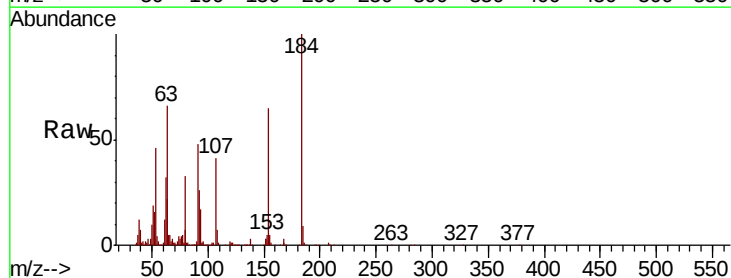
Manual Integrations
APPROVED

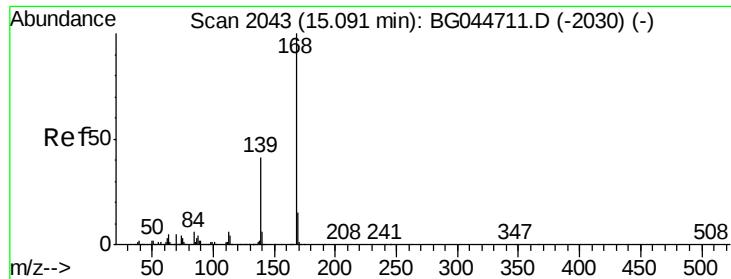
mohammad
3/16/2020 1:46:26 PM



#54
2,4-Dinitrophenol
Concen: 79.410 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.0	49.0	73.6
154	65.1	94.5	141.7#





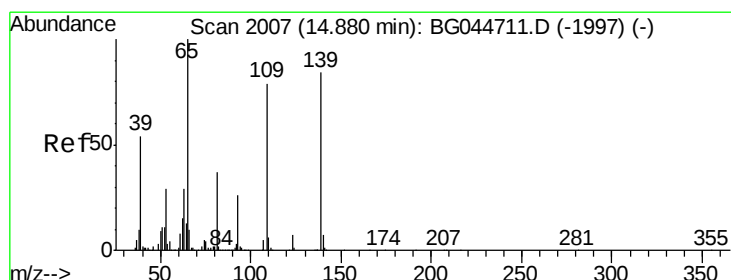
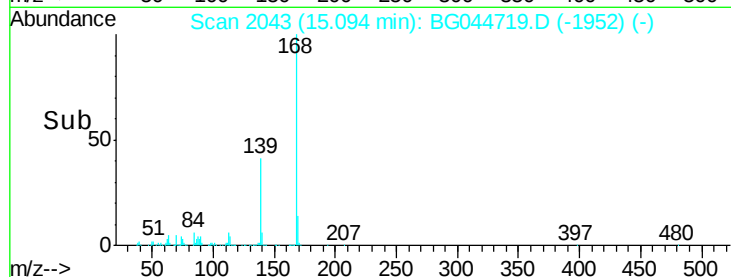
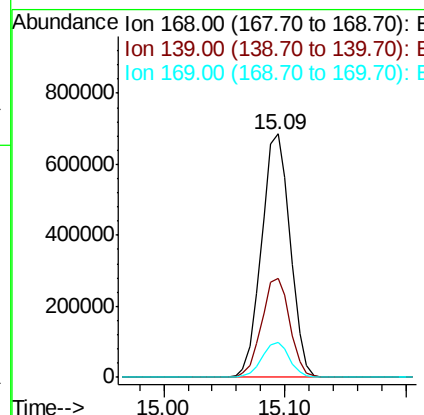
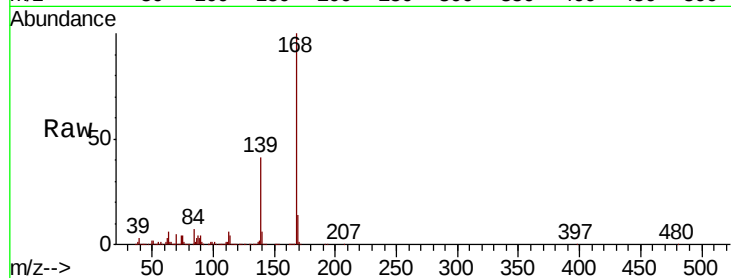
#55
Dibenzofuran
Concen: 39.134 ng
RT: 15.09 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Instrument :
BNA_G
ClientSampleId :
PB127319BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.9	32.6	49.0
169	14.3	11.8	17.6

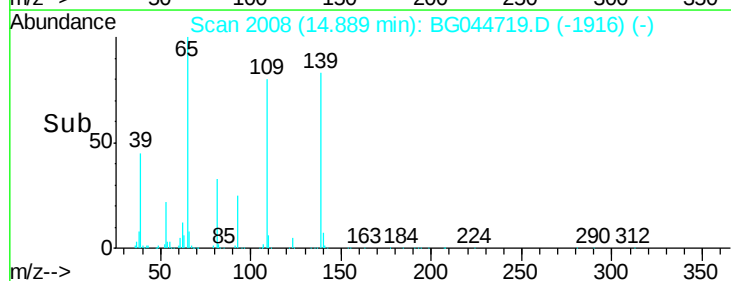
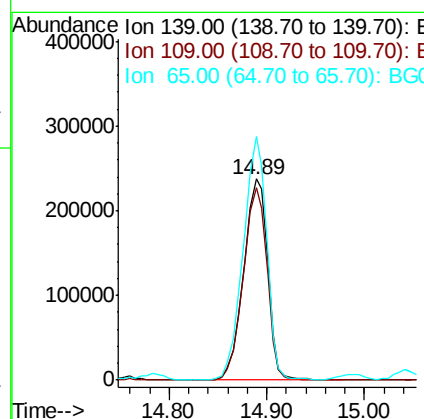
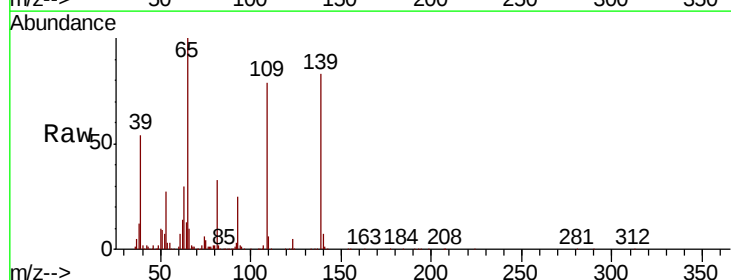
Manual Integrations
APPROVED

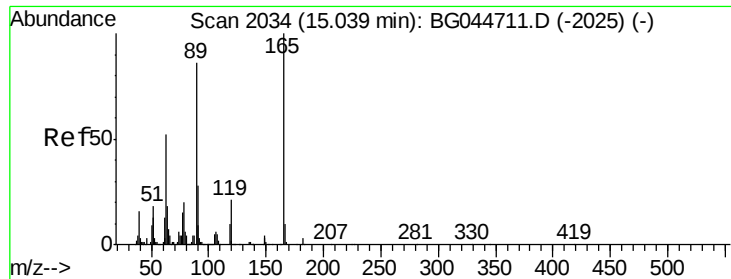
mohammad
3/16/2020 1:46:26 PM



#56
4-Nitrophenol
Concen: 91.706 ng
RT: 14.89 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
139	100		
109	95.7	74.1	114.1
65	121.1	98.6	138.6





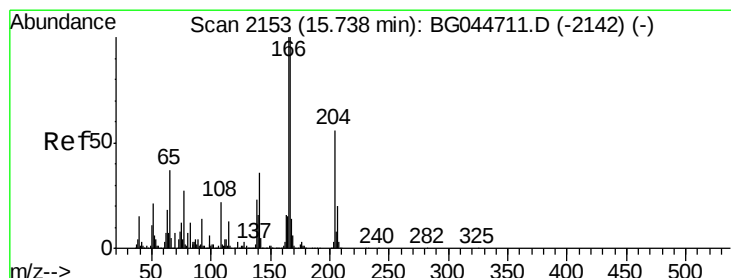
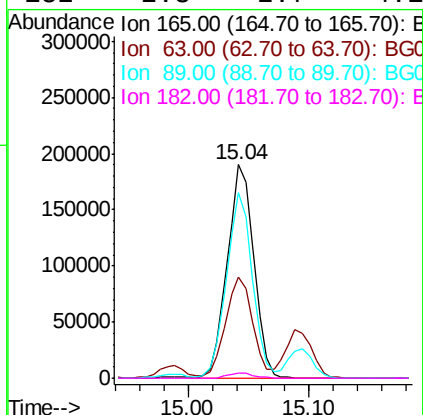
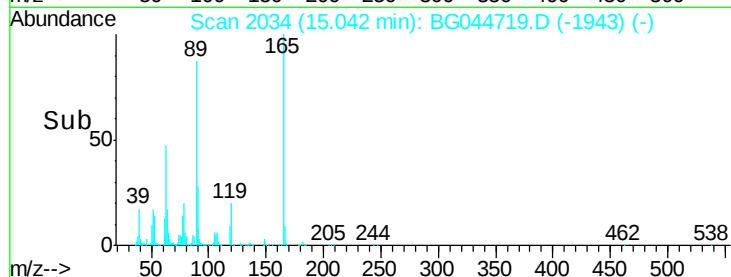
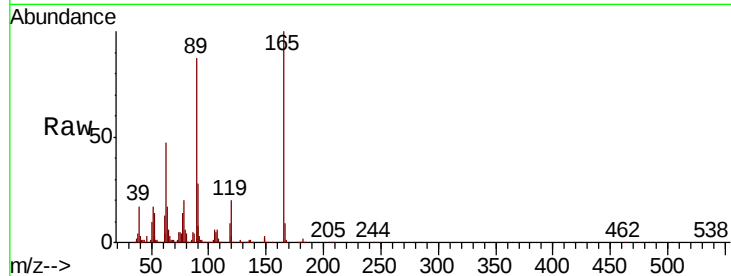
#57
2,4-Dinitrotoluene
Concen: 41.803 ng
RT: 15.04 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Instrument :
BNA_G
ClientSampleId :
PB127319BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.2	41.5	62.3
89	86.8	69.0	103.4
182	2.3	2.7	4.1#

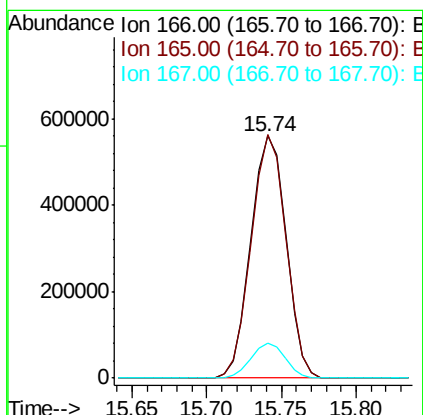
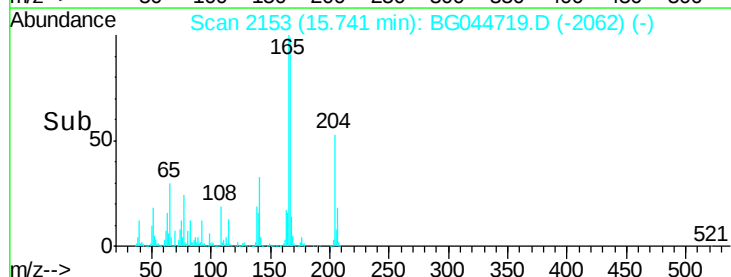
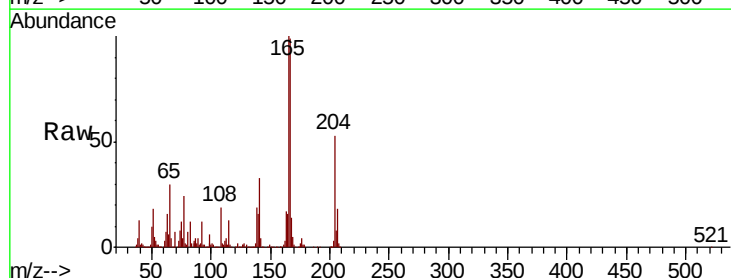
Manual Integrations
APPROVED

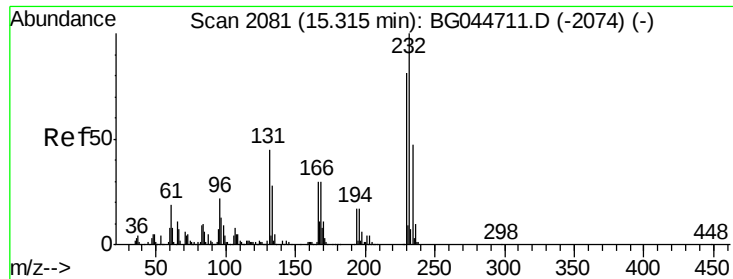
mohammad
3/16/2020 1:46:26 PM



#58
Fluorene
Concen: 38.517 ng
RT: 15.74 min Scan# 2153
Delta R.T. 0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.5	79.6	119.4
167	14.5	11.4	17.2





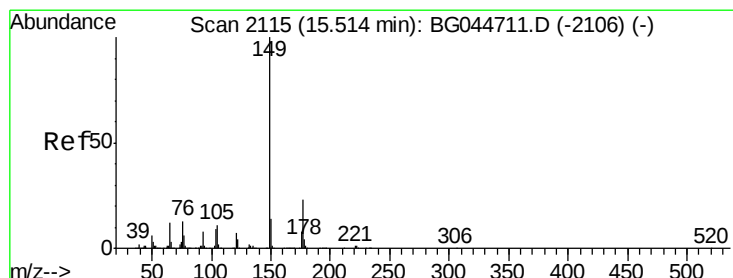
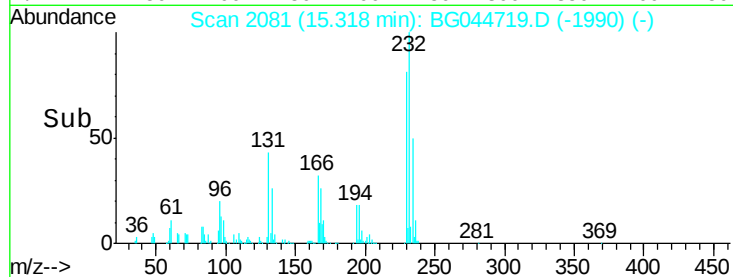
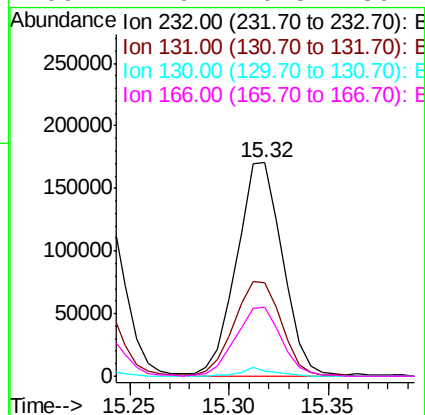
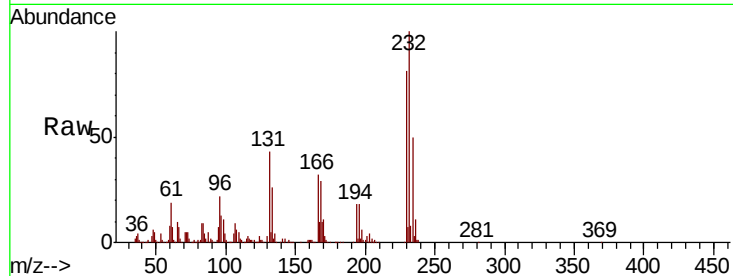
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.610 ng m
RT: 15.32 min Scan# 2081
Delta R.T. 0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Instrument :
BNA_G
ClientSampleId :
PB127319BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	39.8	32.4	48.6
130	2.8	2.0	3.0
166	24.9	20.5	30.7

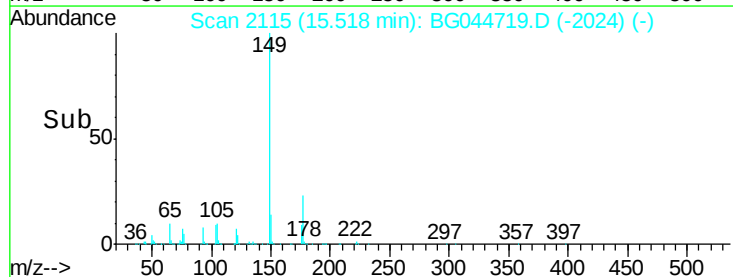
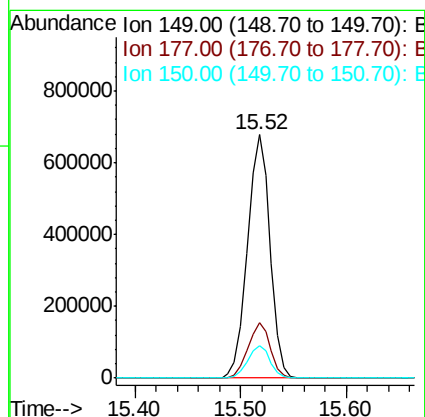
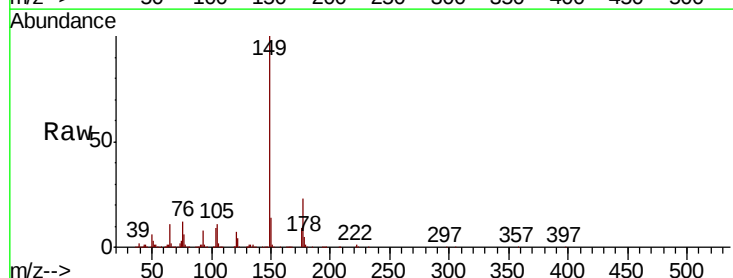
Manual Integrations
APPROVED

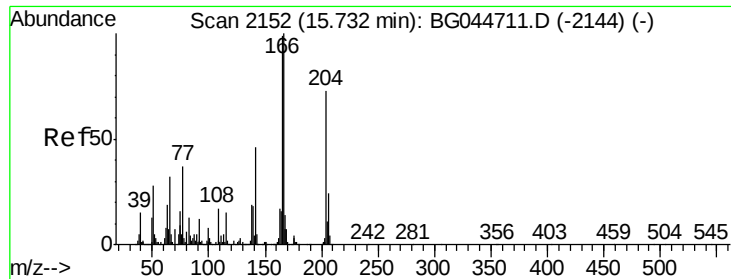
mohammad
3/16/2020 1:46:26 PM



#60
Diethylphthalate
Concen: 38.041 ng
RT: 15.52 min Scan# 2115
Delta R.T. 0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.8	28.2
150	13.6	11.2	16.8





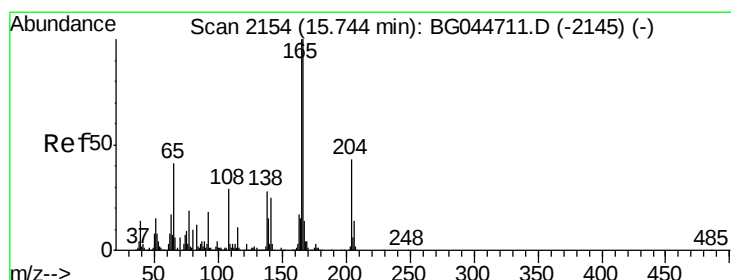
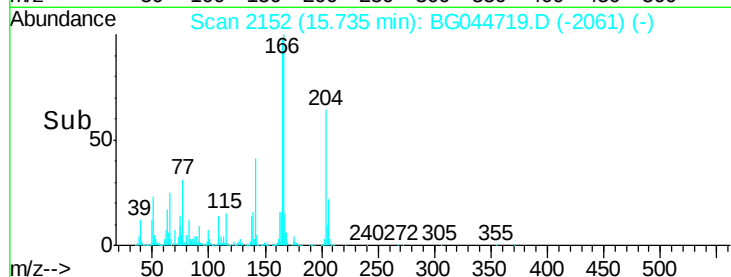
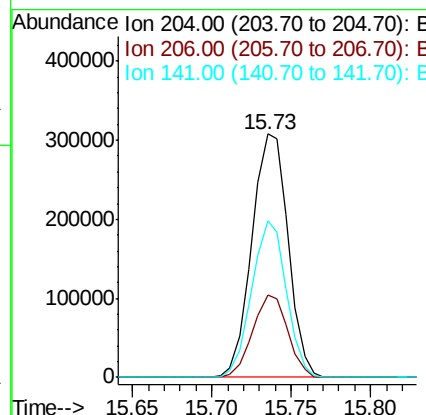
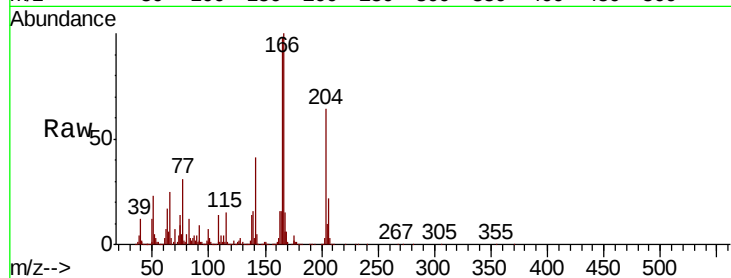
#61
4-Chlorophenyl-phenylether
Concen: 38.358 ng
RT: 15.73 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Instrument :
BNA_G
ClientSampleId :
PB127319BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	489391		
206	34.0	25.8	38.6	
141	64.4	50.8	76.2	

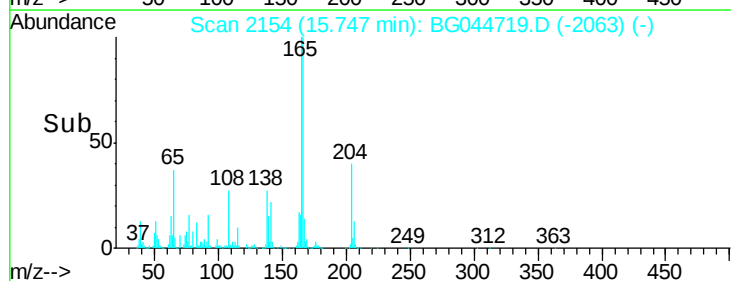
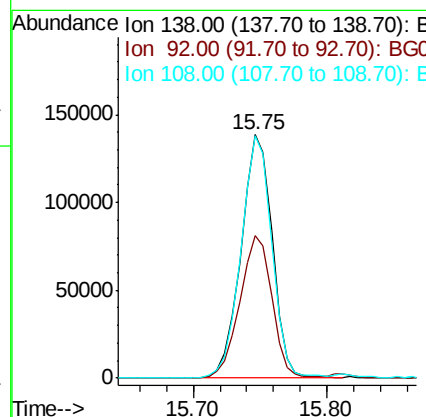
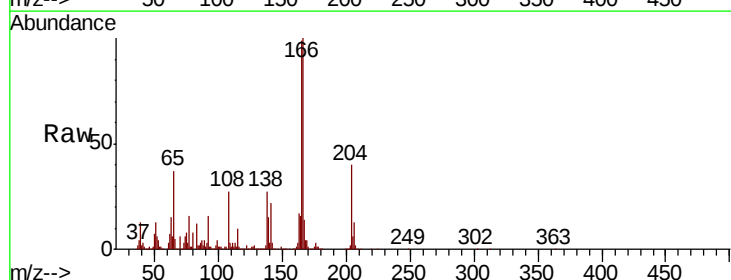
Manual Integrations
APPROVED

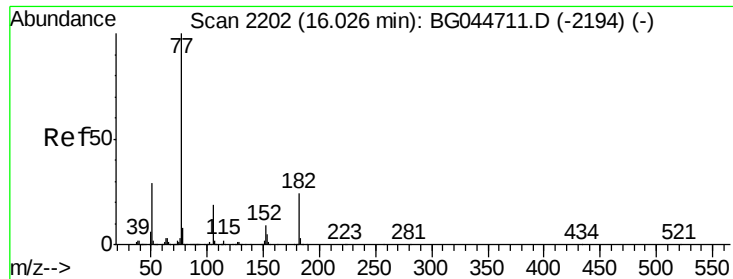
mohammad
3/16/2020 1:46:26 PM



#62
4-Nitroaniline
Concen: 35.836 ng
RT: 15.75 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	223670		
92	58.7	42.1	82.1	
108	99.5	81.2	121.2	





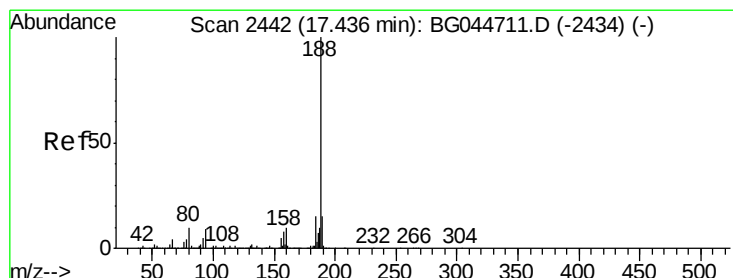
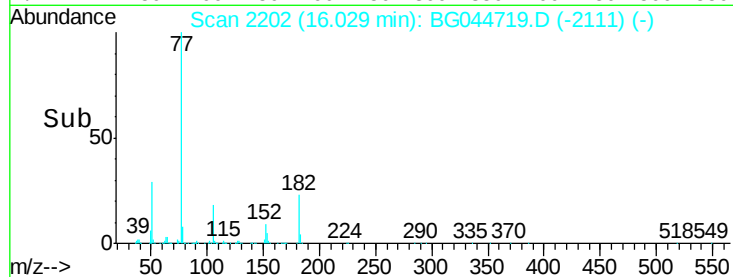
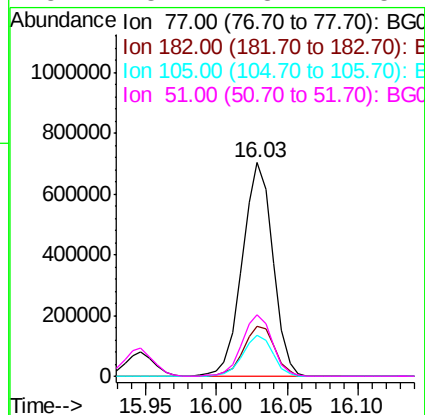
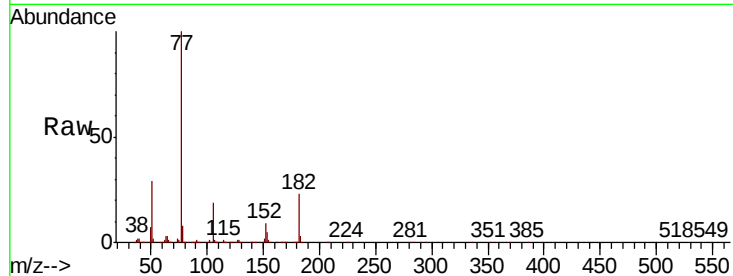
#63
Azobenzene
Concen: 38.850 ng
RT: 16.03 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Instrument :
BNA_G
ClientSampleId :
PB127319BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	23.3	3.6	43.6	
105	19.1	0.0	39.3	
51	28.7	8.7	48.7	

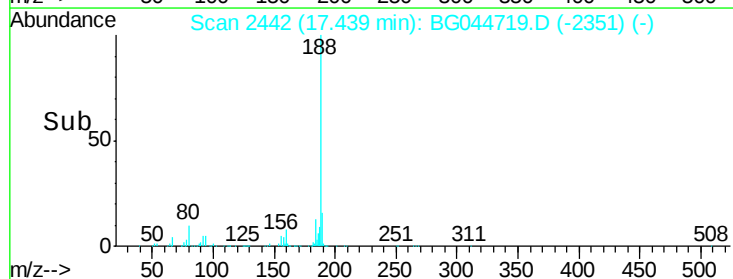
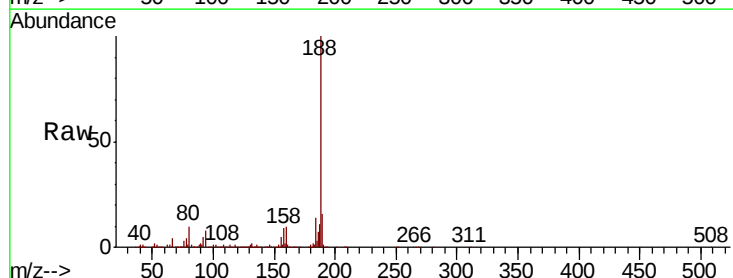
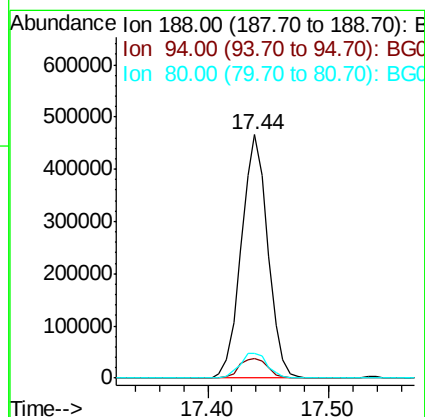
Manual Integrations
APPROVED

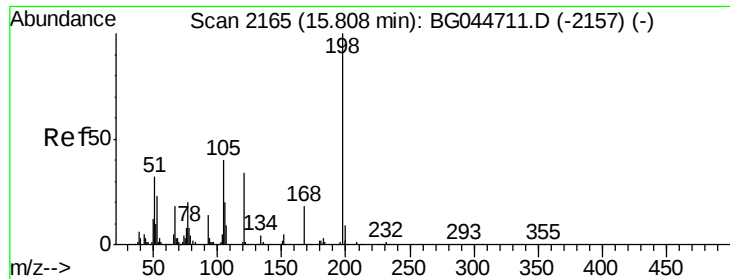
mohammad
3/16/2020 1:46:26 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.3	7.0	10.6	
80	10.1	8.4	12.6	





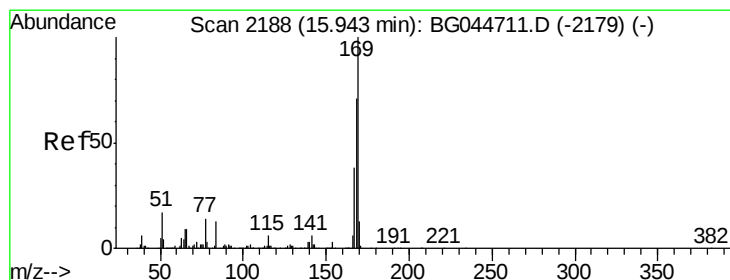
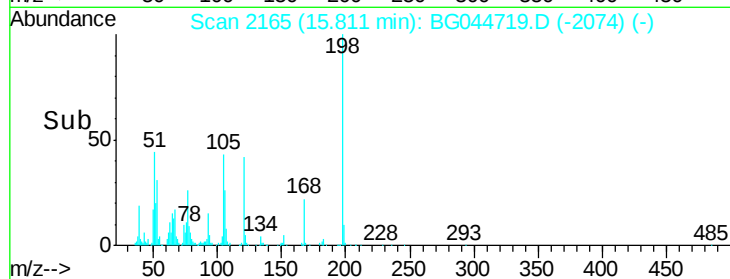
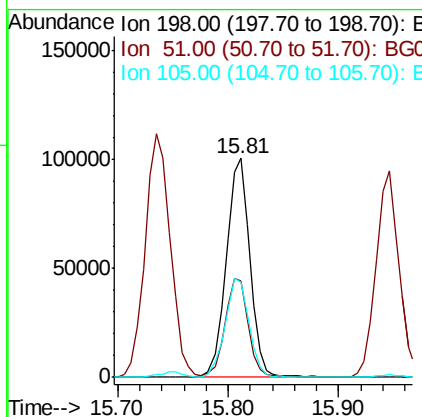
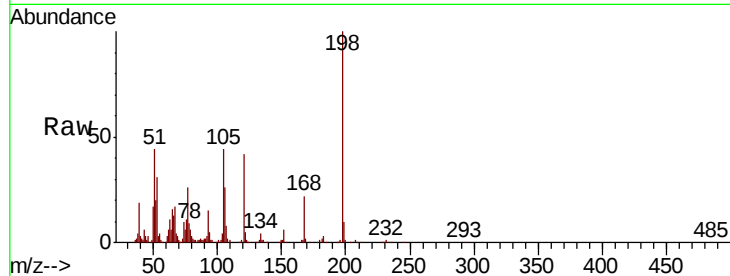
#65
 4,6-Dinitro-2-methylphenol
 Concen: 45.252 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: BG044719.D
 Acq: 11 Mar 2020 13:58

Instrument :
 BNA_G
 ClientSampleId :
 PB127319BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	150109		
51	43.8	20.1	60.1	
105	43.5	21.3	61.3	

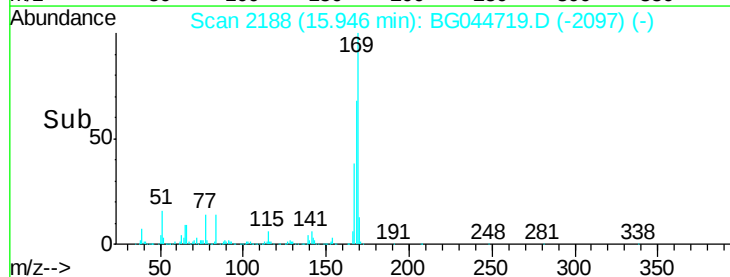
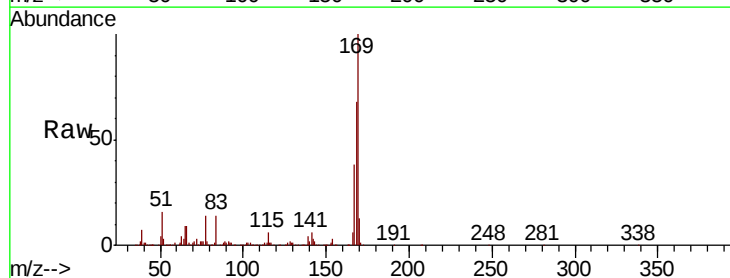
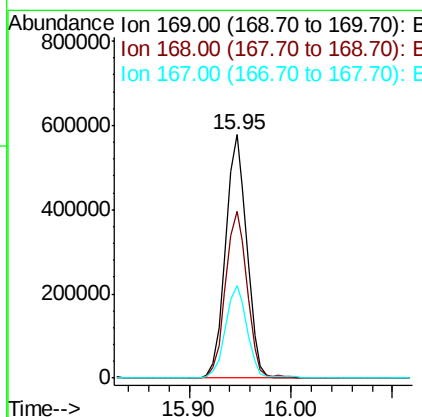
Manual Integrations
 APPROVED

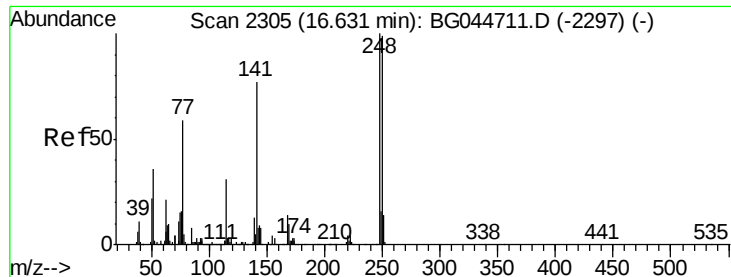
mohammad
 3/16/2020 1:46:26 PM



#66
 n-Nitrosodiphenylamine
 Concen: 39.002 ng
 RT: 15.95 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: BG044719.D
 Acq: 11 Mar 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	837491		
168	68.5	56.6	85.0	
167	37.9	30.1	45.1	





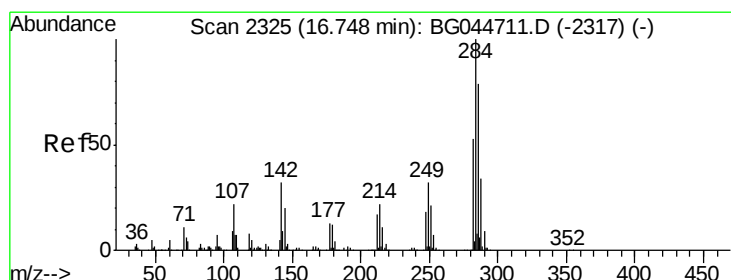
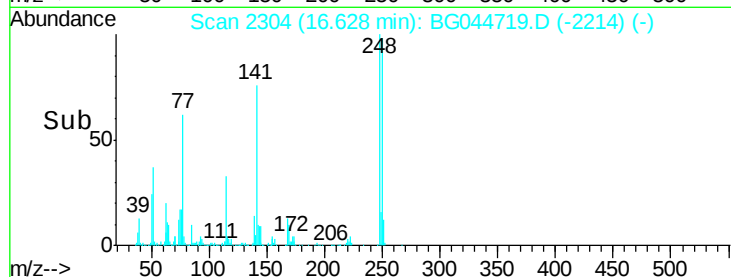
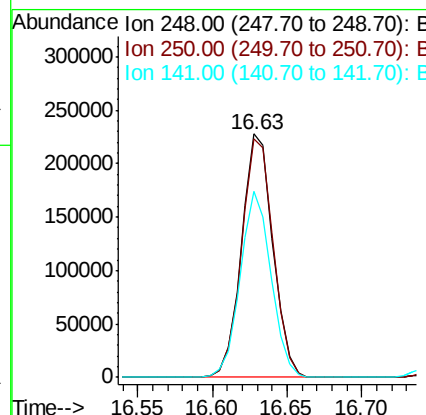
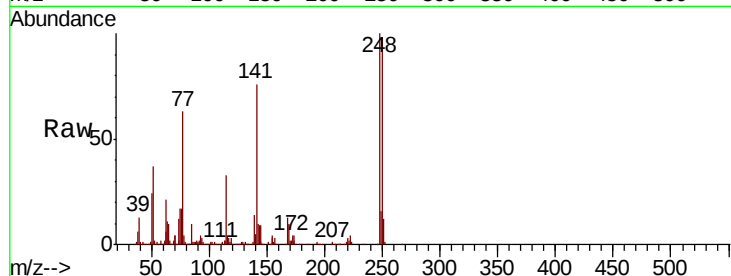
#67
4-Bromophenyl-phenylether
Concen: 37.063 ng
RT: 16.63 min Scan# 2304
Delta R.T. -0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Instrument :
BNA_G
ClientSampleId :
PB127319BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	79.4	119.0
141	76.3	61.7	92.5

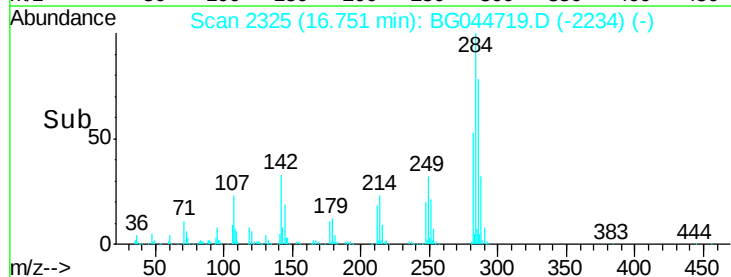
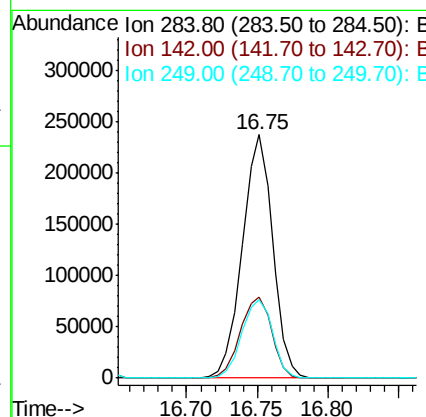
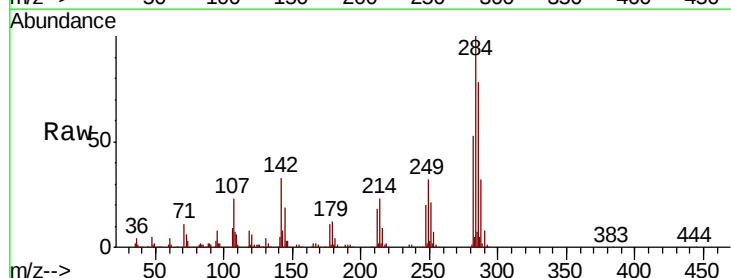
Manual Integrations
APPROVED

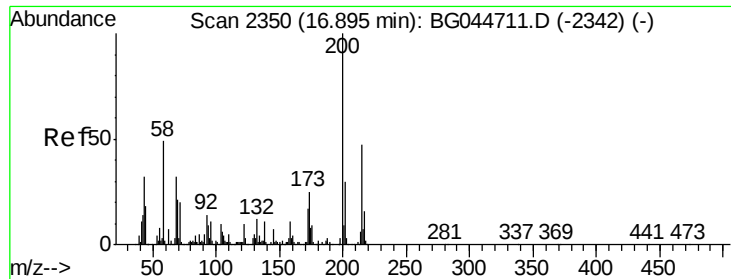
mohammad
3/16/2020 1:46:26 PM



#68
Hexachlorobenzene
Concen: 36.856 ng
RT: 16.75 min Scan# 2325
Delta R.T. 0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.4	25.6	38.4
249	32.4	25.8	38.6





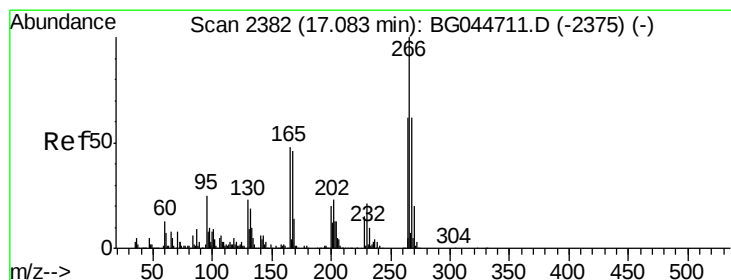
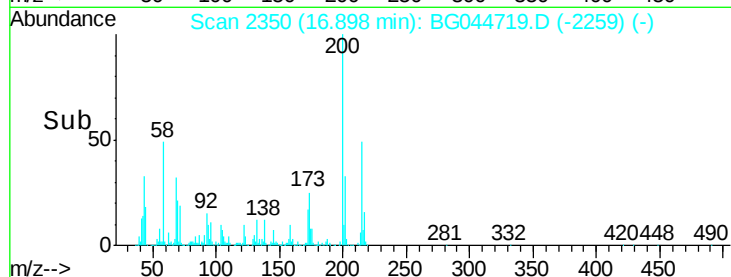
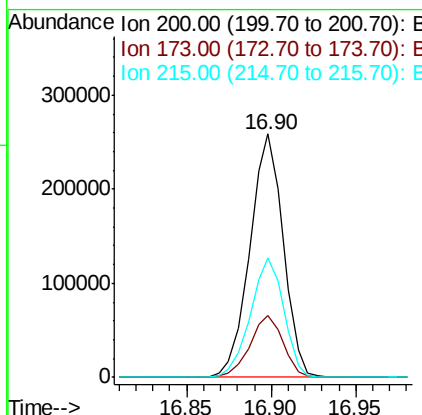
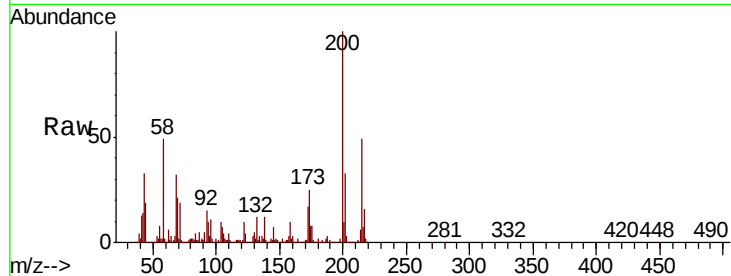
#69
Atrazine
Concen: 45.053 ng
RT: 16.90 min Scan# 2350
Delta R.T. 0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Instrument :
BNA_G
ClientSampleId :
PB127319BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.3	4.8	44.8
215	49.2	27.4	67.4

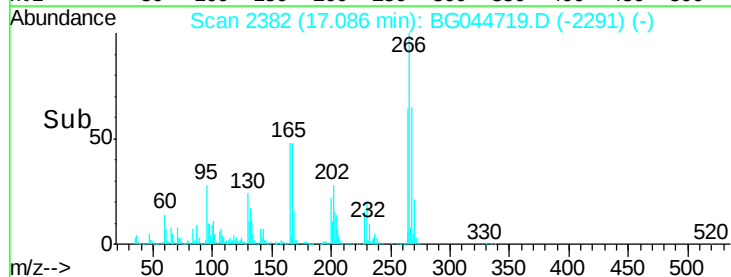
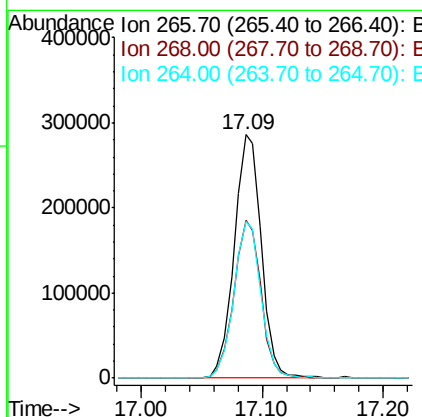
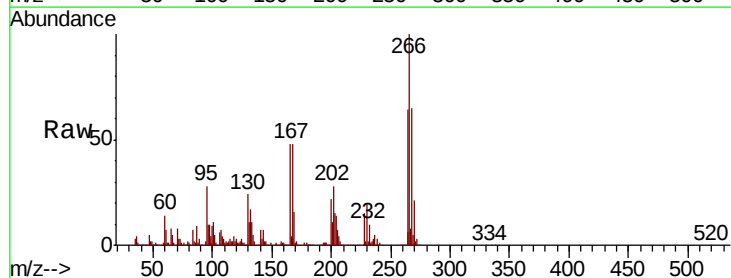
Manual Integrations
APPROVED

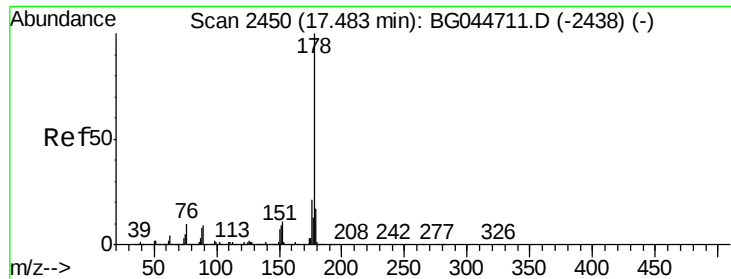
mohammad
3/16/2020 1:46:26 PM



#70
Pentachlorophenol
Concen: 84.294 ng
RT: 17.09 min Scan# 2382
Delta R.T. 0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.8	49.9	74.9
264	64.4	49.9	74.9





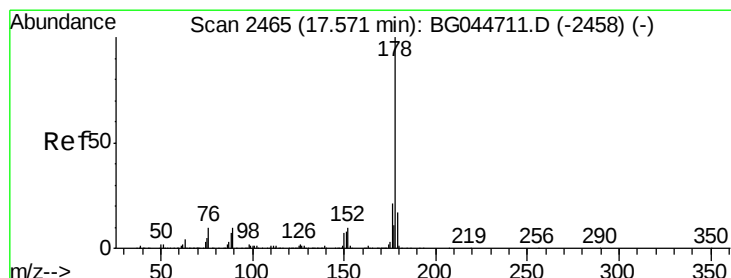
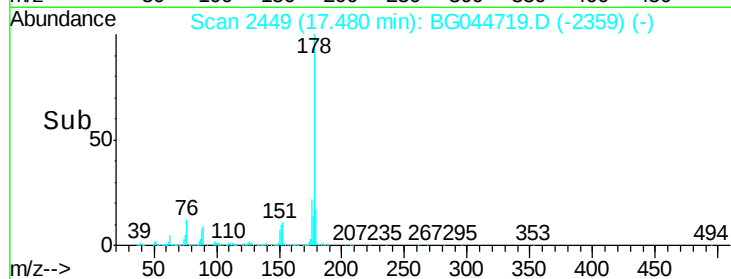
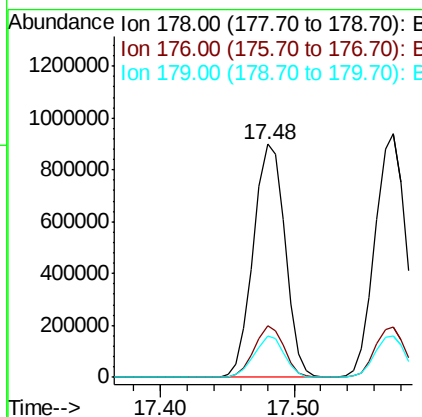
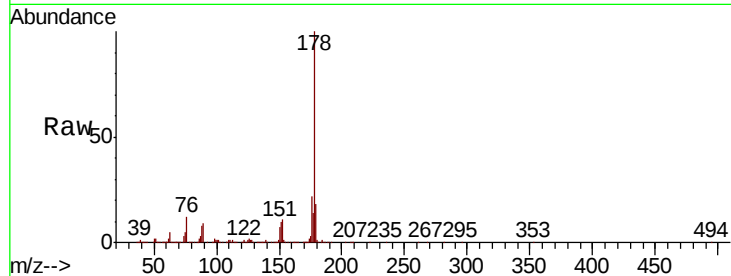
#71
Phenanthrene
Concen: 38.707 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Instrument :
BNA_G
ClientSampleId :
PB127319BS

Tot Ion:178 Resp: 1475233
Ion Ratio Lower Upper
178 100
176 22.0 17.0 25.6
179 17.5 13.7 20.5

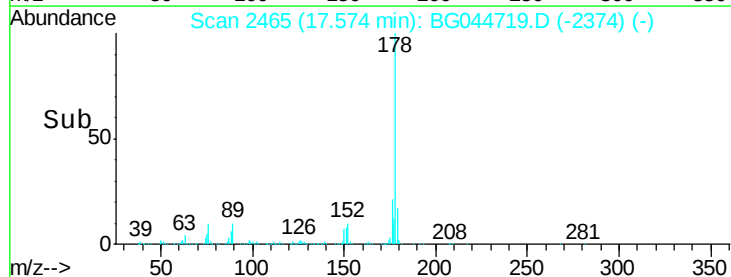
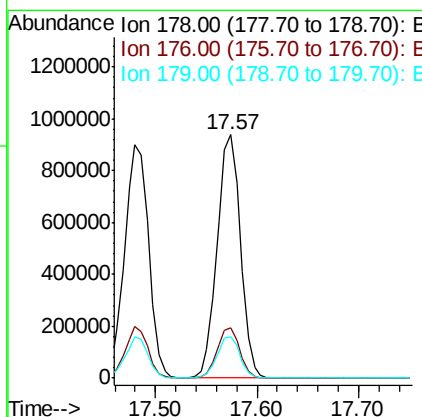
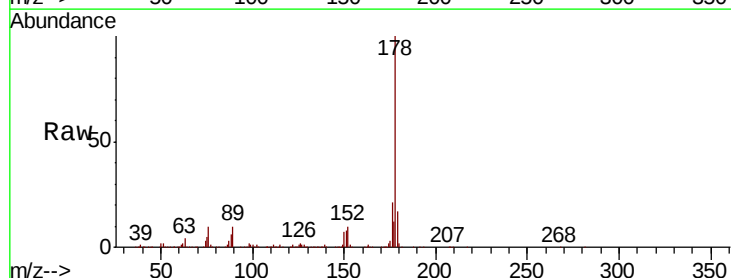
Manual Integrations
APPROVED

mohammad
3/16/2020 1:46:26 PM



#72
Anthracene
Concen: 39.929 ng
RT: 17.57 min Scan# 2465
Delta R.T. 0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Tgt Ion:178 Resp: 1500601
Ion Ratio Lower Upper
178 100
176 20.9 17.0 25.6
179 17.0 13.8 20.8





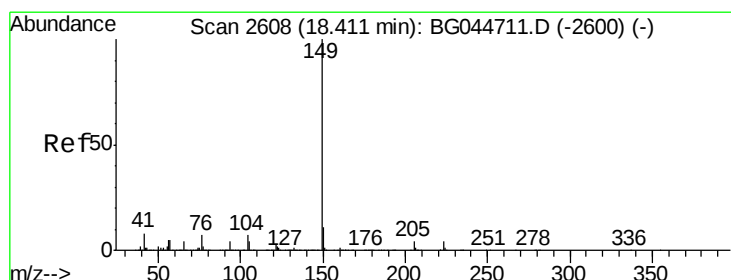
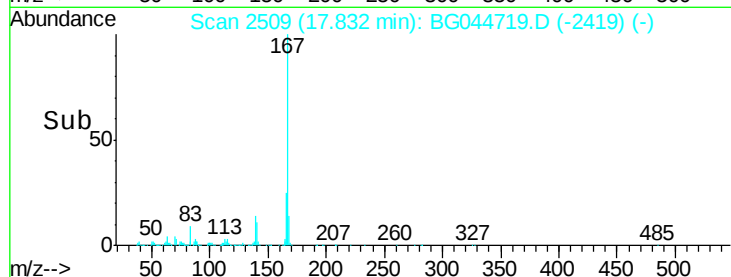
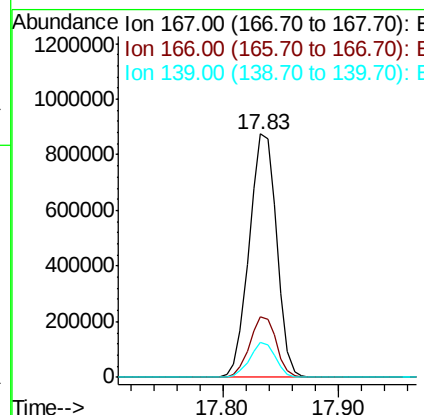
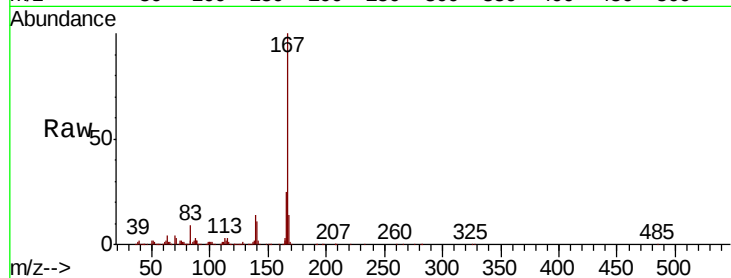
#73
 Carbazole
 Concen: 39.975 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: BG044719.D
 Acq: 11 Mar 2020 13:58

Instrument :
 BNA_G
 ClientSampleId :
 PB127319BS

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	24.7	19.6	29.4	
139	14.3	11.4	17.2	

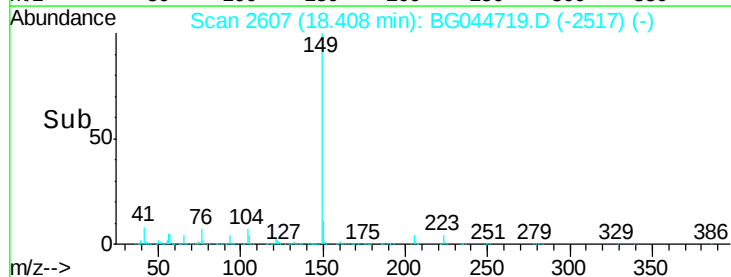
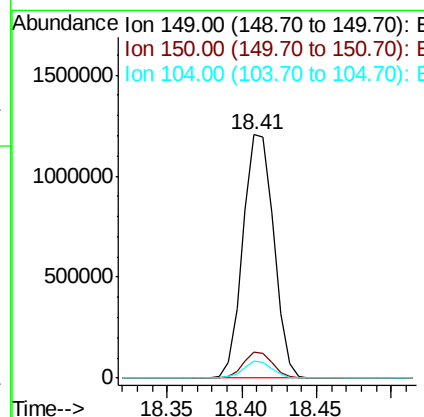
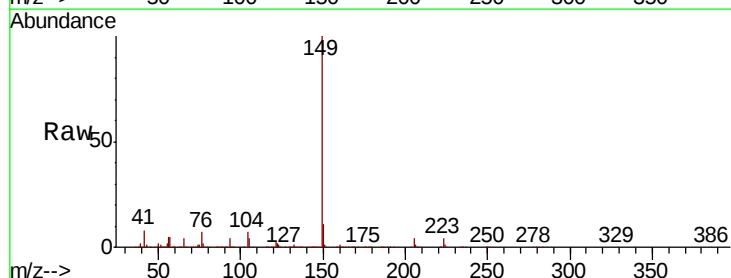
Manual Integrations
 APPROVED

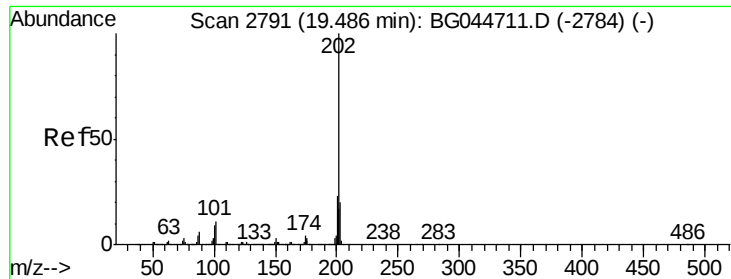
mohammad
 3/16/2020 1:46:26 PM



#74
 Di-n-butylphthalate
 Concen: 39.341 ng
 RT: 18.41 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: BG044719.D
 Acq: 11 Mar 2020 13:58

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	10.6	8.4	12.6	
104	6.9	5.6	8.4	





#75

Fluoranthene

Concen: 40.430 ng

RT: 19.49 min Scan# 2791

Delta R.T. 0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Instrument :

BNA_G

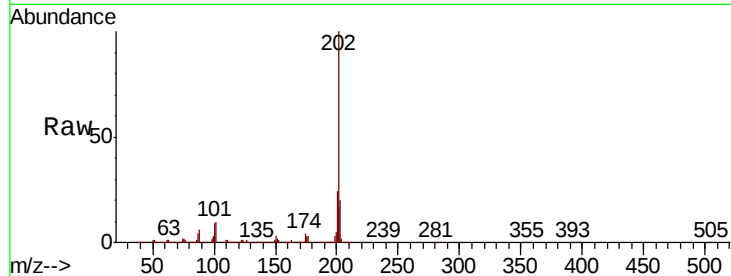
ClientSampleId :

PB127319BS

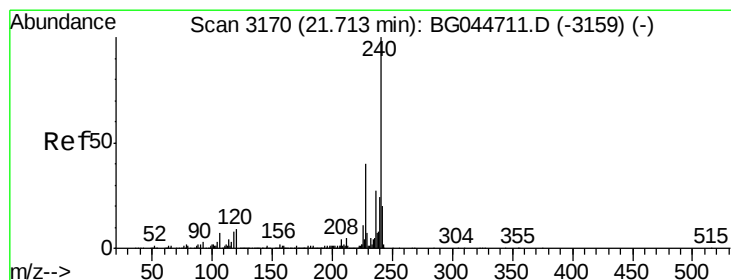
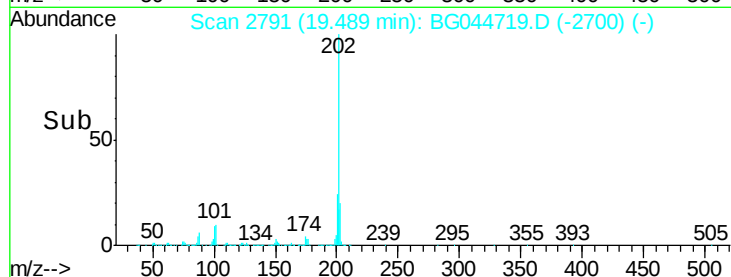
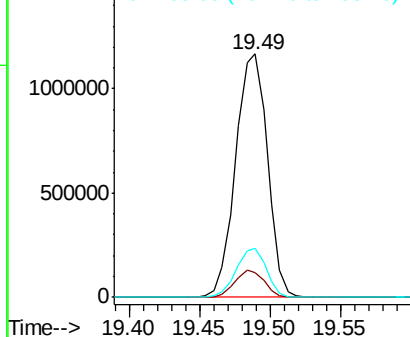
Tot Ion:	202	Resp:	1834734
Ion Ratio	Lower	Upper	
202	100		
101	10.3	0.0	31.3
203	20.1	0.4	40.4

Manual Integrations
APPROVED

mohammad
3/16/2020 1:46:26 PM



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



#76

Chrysene-d12

Concen: 20.000 ng

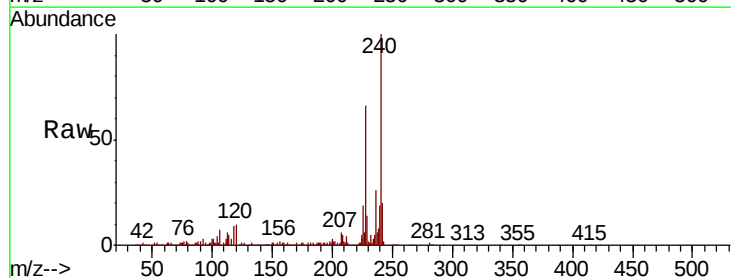
RT: 21.71 min Scan# 3169

Delta R.T. -0.00 min

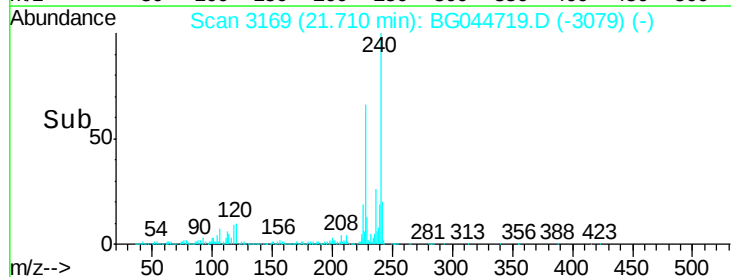
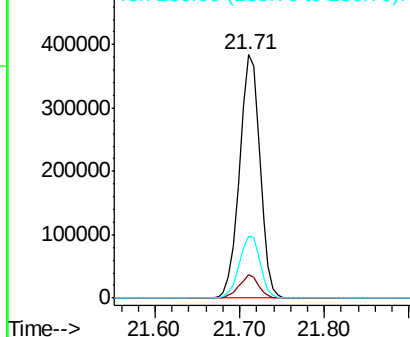
Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Tgt Ion:	240	Resp:	635516
Ion Ratio	Lower	Upper	
240	100		
120	9.6	6.9	10.3
236	25.7	21.9	32.9



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





#77

Benzidine

Concen: 27.816 ng

RT: 19.66 min Scan# 2820

Delta R.T. 0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Instrument :

BNA_G

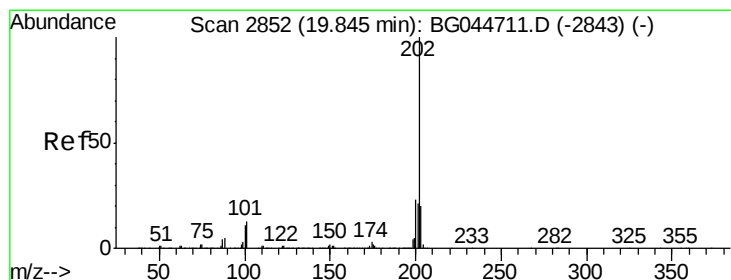
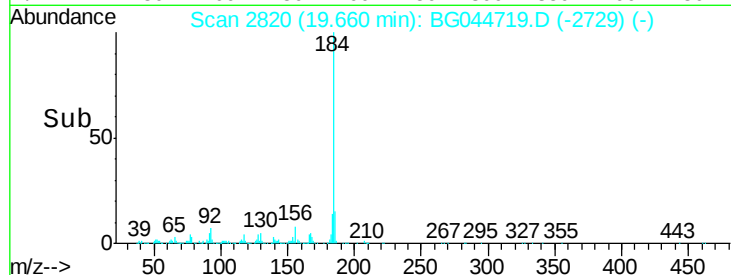
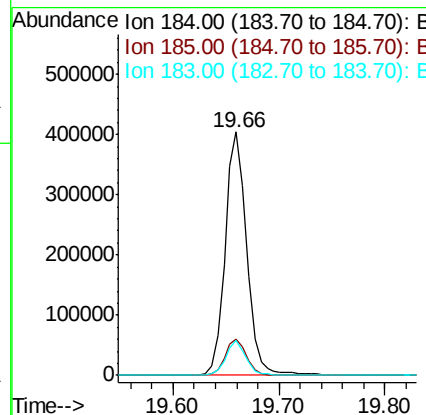
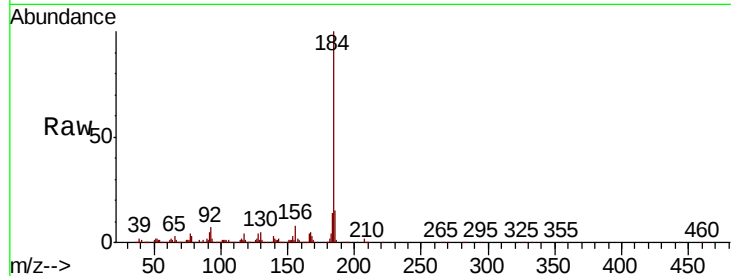
ClientSampleId :

PB127319BS

Tot Ion:	184	Resp:	573875
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.9	19.3
183	14.4	10.6	15.8

Manual Integrations
APPROVED

mohammad
3/16/2020 1:46:26 PM



#78

Pyrene

Concen: 39.258 ng

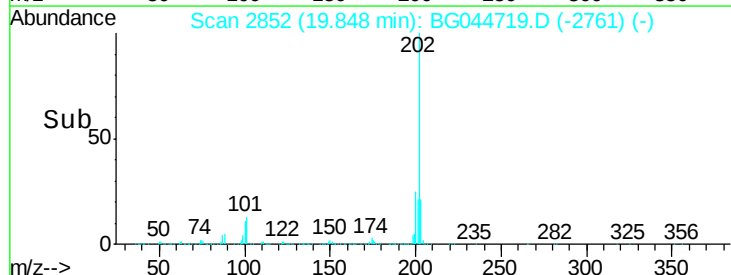
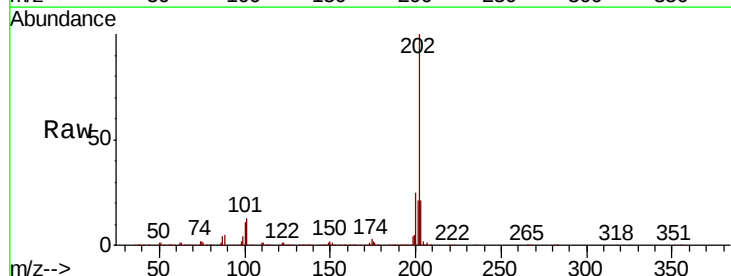
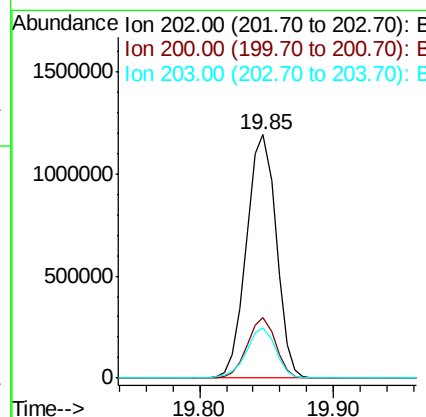
RT: 19.85 min Scan# 2852

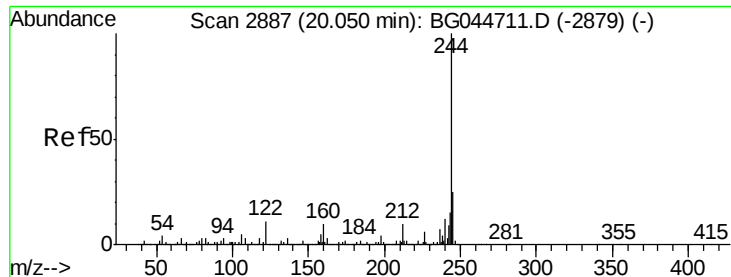
Delta R.T. 0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Tgt Ion:	202	Resp:	1830454
Ion Ratio	Lower	Upper	
202	100		
200	25.0	18.7	28.1
203	20.8	16.0	24.0





#79

Terphenyl-d14

Concen: 64.880 ng

RT: 20.05 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Instrument :

BNA_G

ClientSampleId :

PB127319BS

Tot Ion:244 Resp: 2204299

Ion Ratio Lower Upper

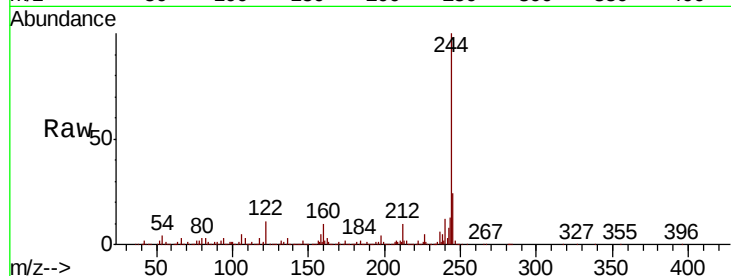
244 100

212 10.2 8.4 12.6

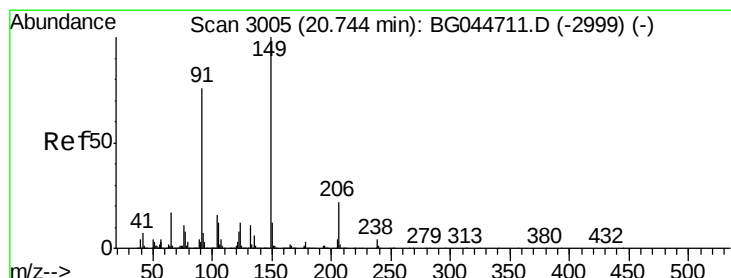
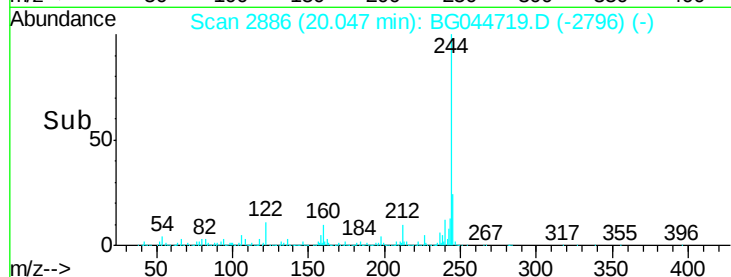
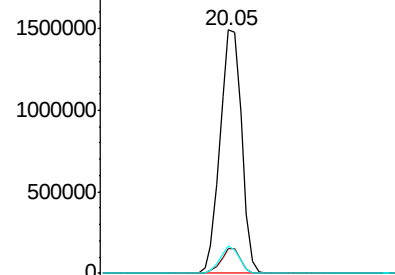
122 11.2 8.7 13.1

Manual Integrations
APPROVED

mohammad
3/16/2020 1:46:26 PM



Abundance Ion 244.00 (243.70 to 244.70): E
2000000 Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.447 ng

RT: 20.74 min Scan# 3004

Delta R.T. -0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

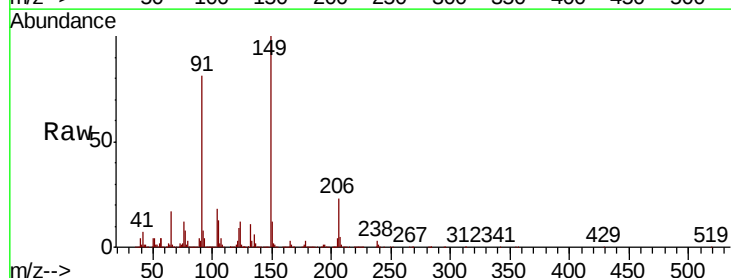
Tgt Ion:149 Resp: 797493

Ion Ratio Lower Upper

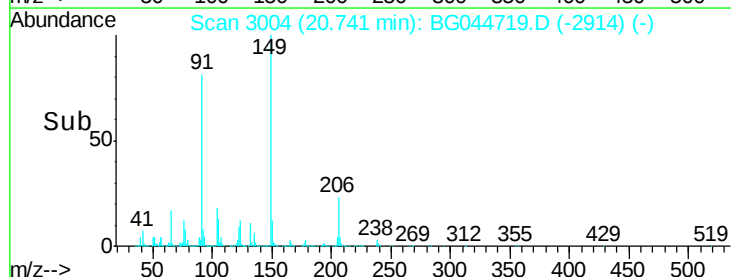
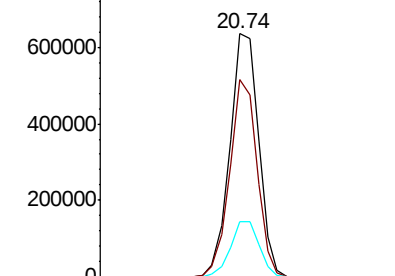
149 100

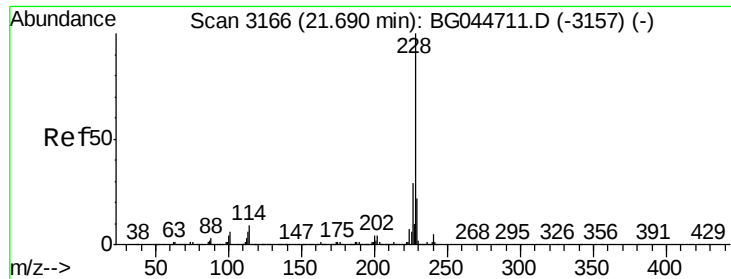
91 81.1 61.1 91.7

206 22.5 17.4 26.2



Abundance Ion 149.00 (148.70 to 149.70): E
800000 Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





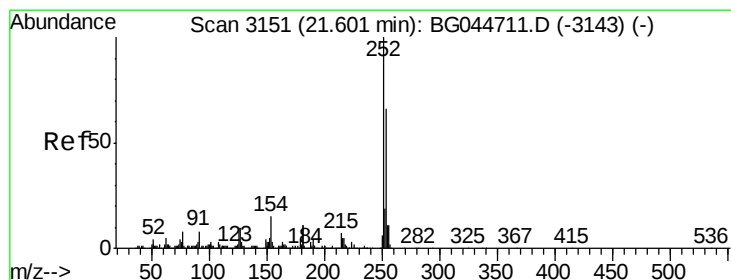
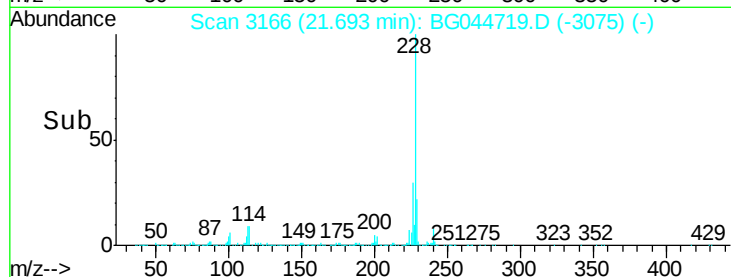
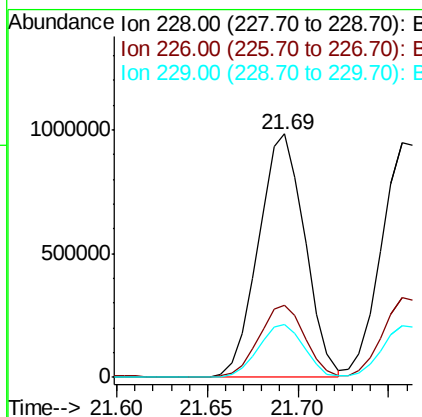
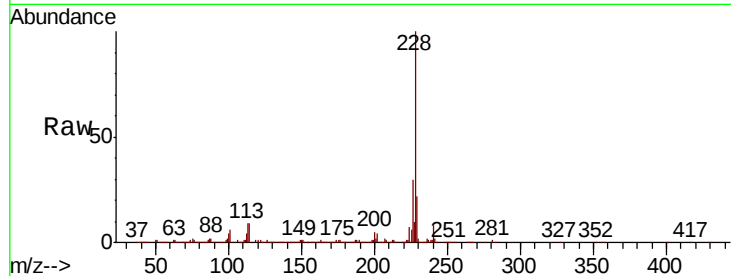
#81
Benzo(a)anthracene
Concen: 38.344 ng
RT: 21.69 min Scan# 3166
Delta R.T. 0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Instrument :
BNA_G
ClientSampled :
PB127319BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.5	35.3
229	21.7	17.2	25.8

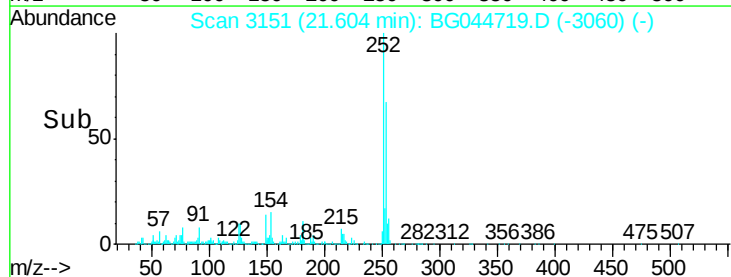
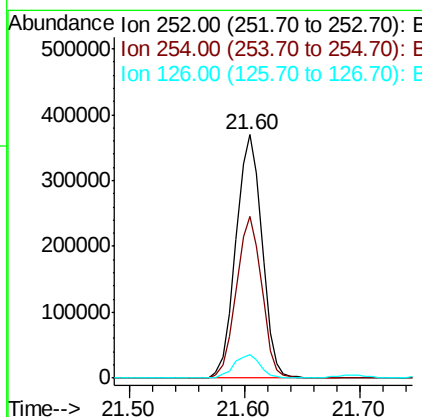
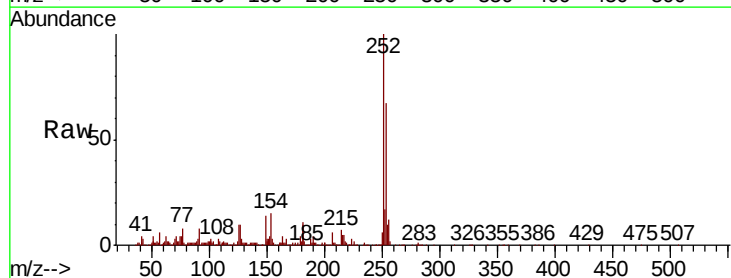
Manual Integrations
APPROVED

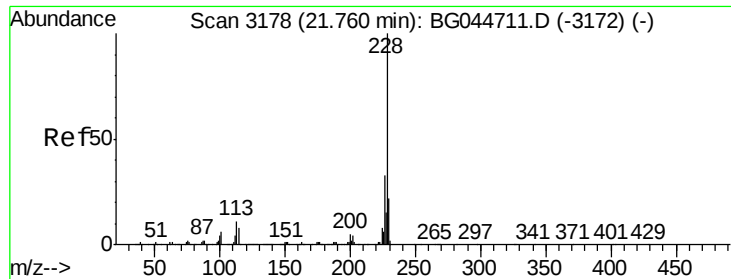
mohammad
3/16/2020 1:46:26 PM



#82
3,3'-Dichlorobenzidine
Concen: 32.718 ng
RT: 21.60 min Scan# 3151
Delta R.T. 0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.6	53.0	79.4
126	9.7	8.2	12.4





#83

Chrvsene

Concen: 38.361 ng

RT: 21.76 min Scan# 3177

Delta R.T. -0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Instrument :

BNA_G

ClientSampleId :

PB127319BS

Tot Ion:228 Resp: 1676865

Ion Ratio Lower Upper

228 100

226 34.1 26.1 39.1

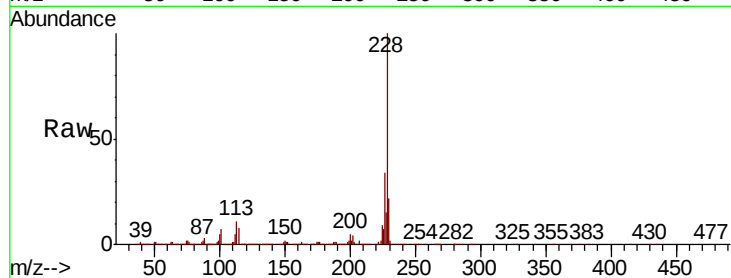
229 21.9 17.4 26.0

Manual Integrations

APPROVED

mohammad

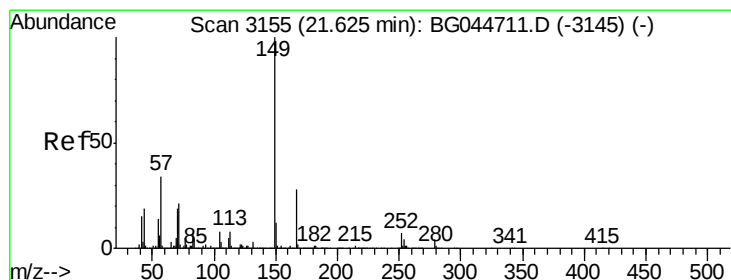
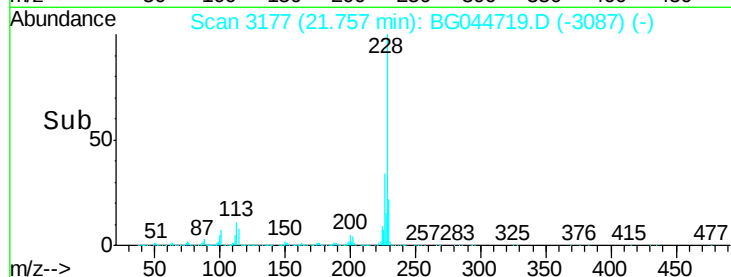
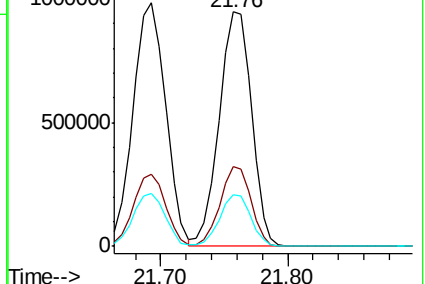
3/16/2020 1:46:26 PM



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.679 ng

RT: 21.63 min Scan# 3155

Delta R.T. 0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

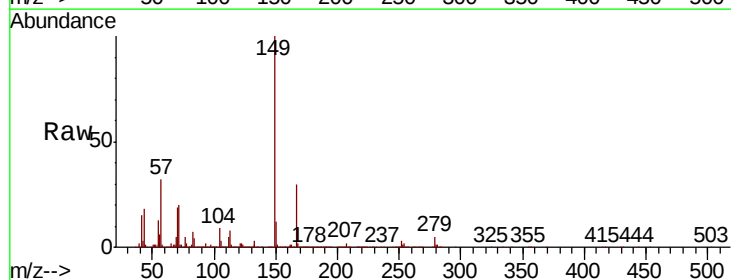
Tgt Ion:149 Resp: 1107278

Ion Ratio Lower Upper

149 100

167 29.6 22.6 33.8

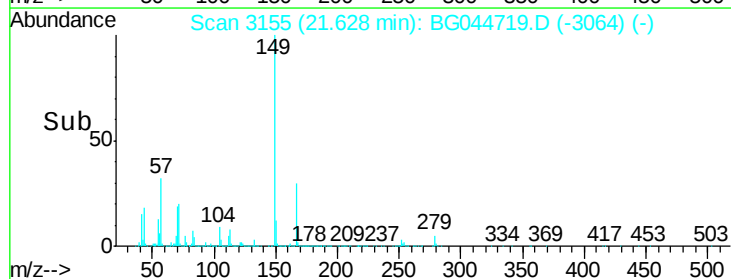
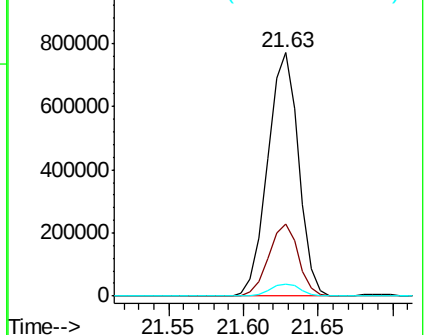
279 4.9 3.5 5.3

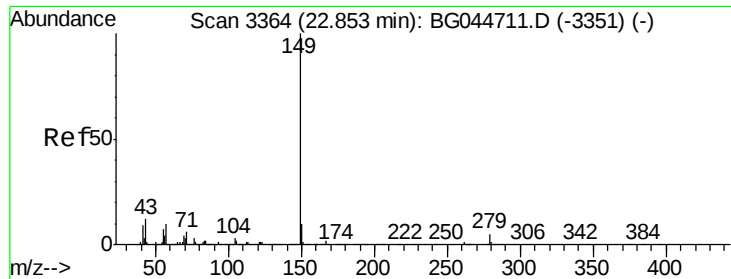


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.502 ng

RT: 22.85 min Scan# 3363

Delta R.T. -0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Instrument :

BNA_G

ClientSampled :

PB127319BS

Tot Ion:149 Resp: 1892346

Ion Ratio Lower Upper

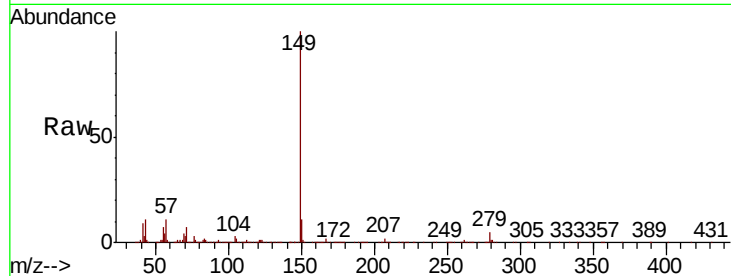
149 100

167 1.8 1.4 2.0

43 11.2 9.0 13.6

Manual Integrations
APPROVED

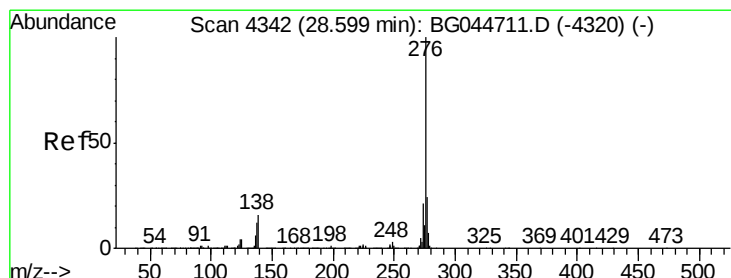
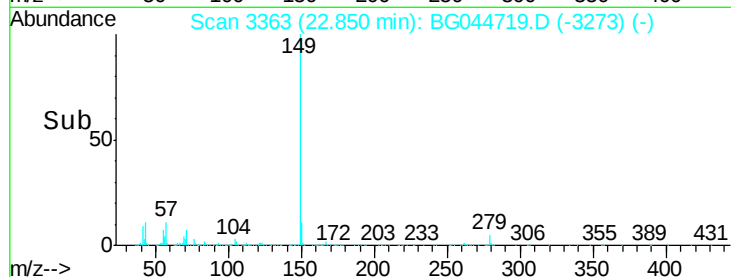
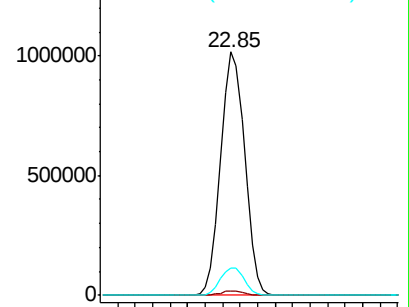
mohammad
3/16/2020 1:46:26 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.499 ng

RT: 28.60 min Scan# 4342

Delta R.T. 0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

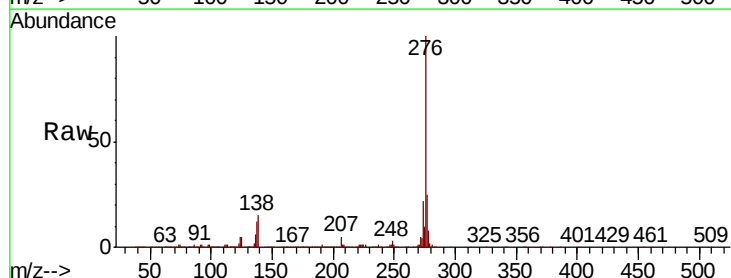
Tgt Ion:276 Resp: 2206295

Ion Ratio Lower Upper

276 100

138 13.0 10.9 16.3

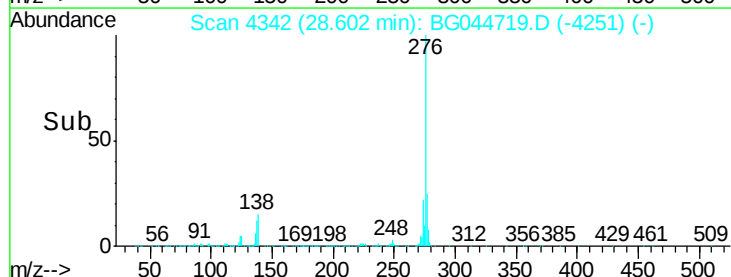
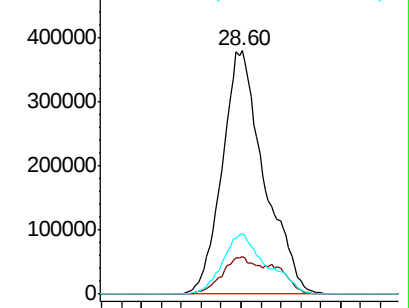
277 26.1 20.8 31.2

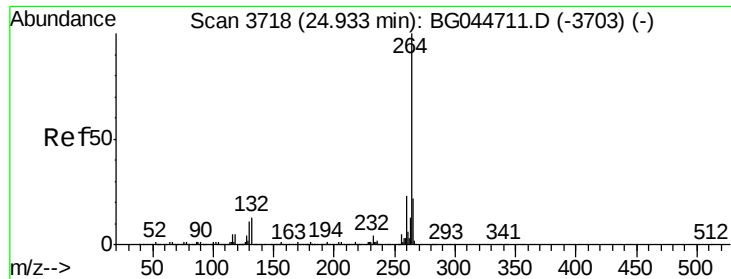


Abundance Ion 276.00 (275.70 to 276.70): E

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# 3717

Delta R.T. -0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Instrument :

BNA_G

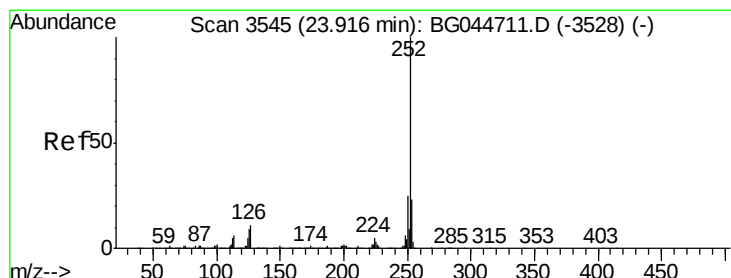
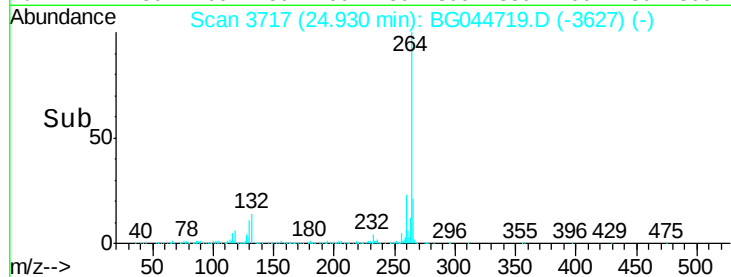
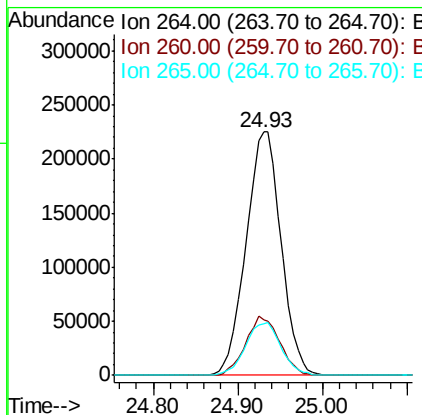
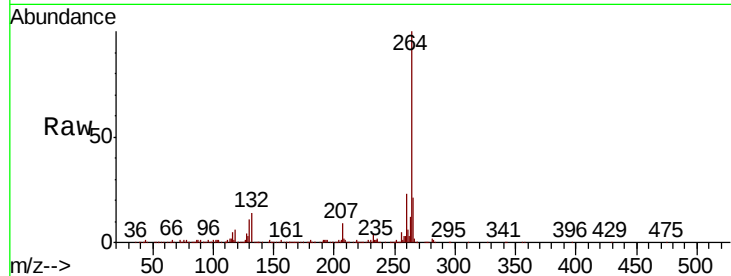
ClientSampleId :

PB127319BS

Tot Ion:	264	Resp:	648410
Ion Ratio		Lower	Upper
264	100		
260	22.8	18.4	27.6
265	21.4	17.4	26.2

Manual Integrations
APPROVED

mohammad
3/16/2020 1:46:26 PM



#88

Benzo(b)fluoranthene

Concen: 44.171 ng

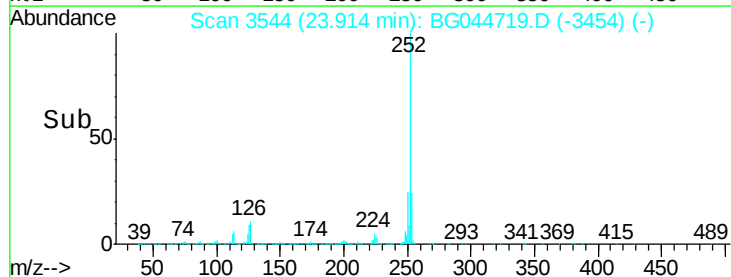
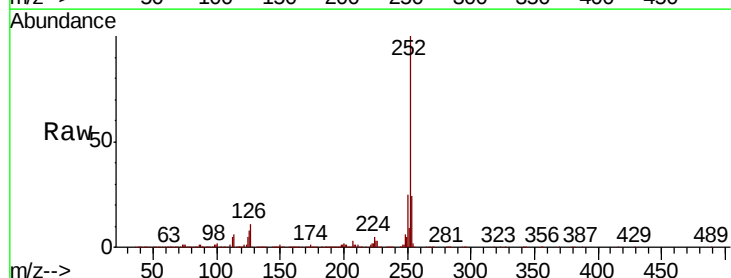
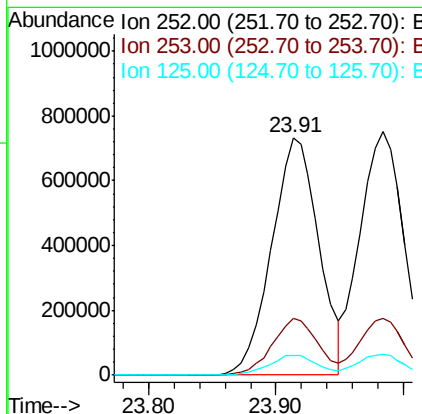
RT: 23.91 min Scan# 3544

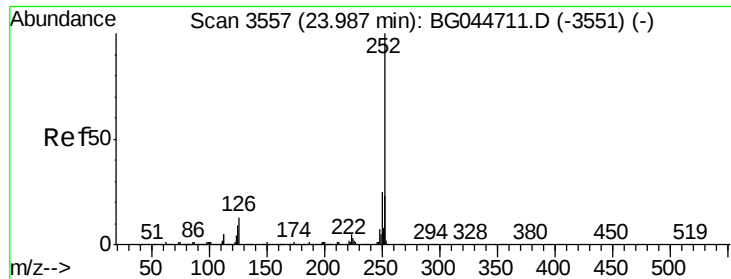
Delta R.T. -0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Tgt Ion:	252	Resp:	1890795
Ion Ratio		Lower	Upper
252	100		
253	23.8	18.7	28.1
125	8.5	7.2	10.8





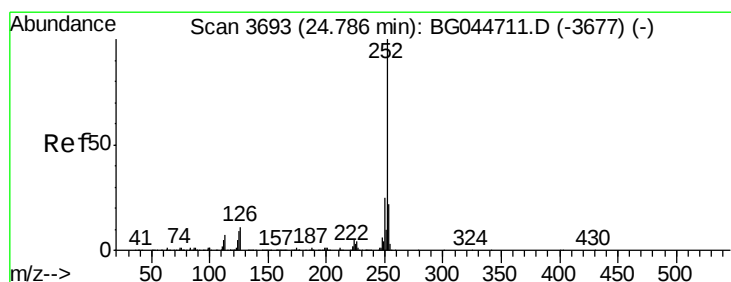
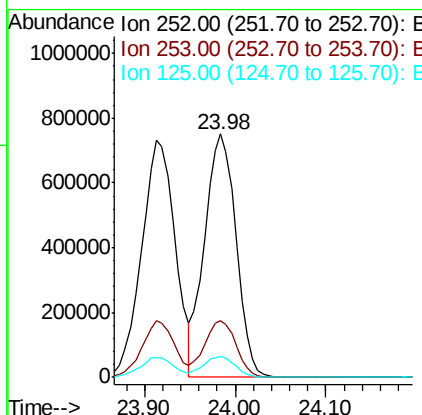
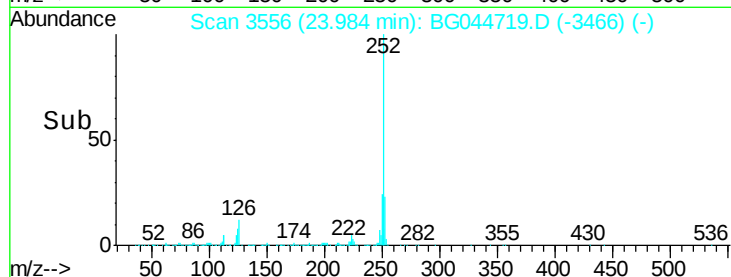
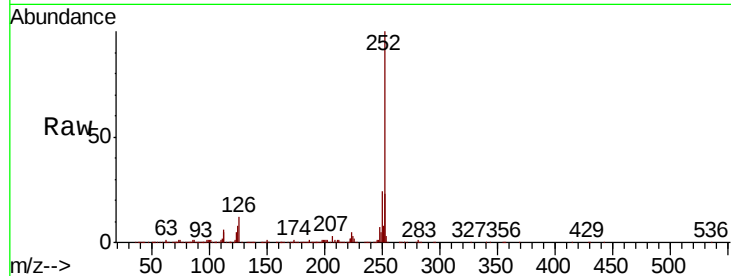
#89
Benzo(k)fluoranthene
Concen: 44.627 ng
RT: 23.98 min Scan# 3556
Delta R.T. -0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Instrument :
BNA_G
ClientSampleId :
PB127319BS

Tot Ion:252 Resp: 1807808
Ion Ratio Lower Upper
252 100
253 23.2 18.4 27.6
125 8.4 7.0 10.4

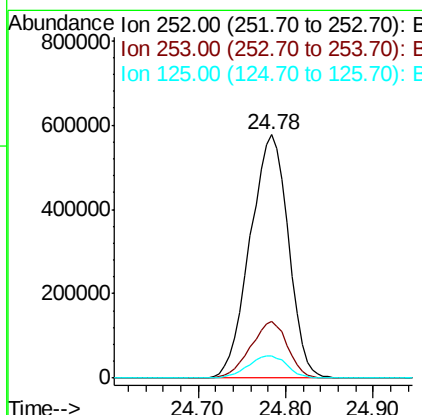
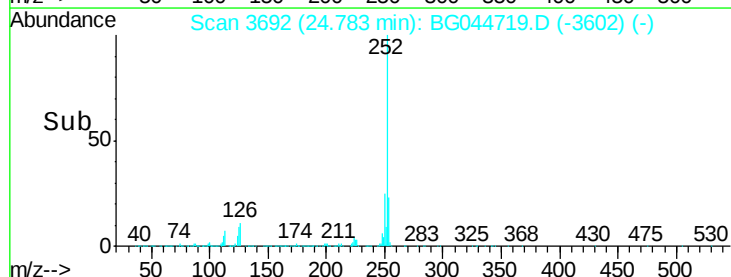
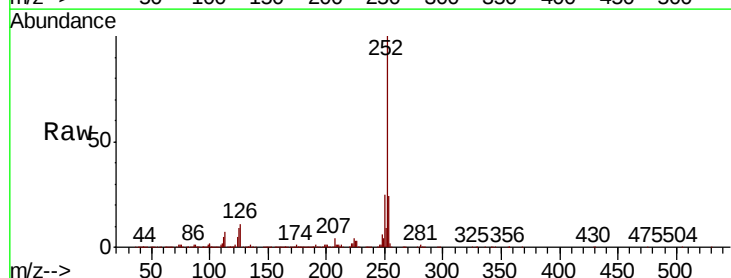
Manual Integrations
APPROVED

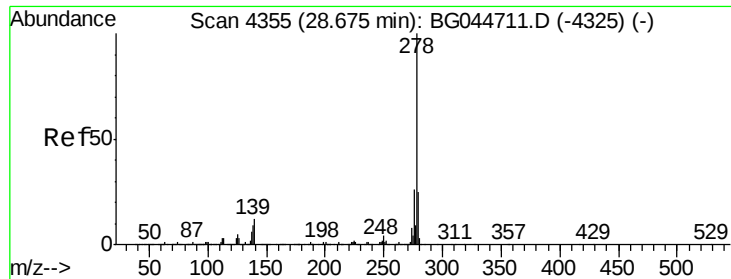
mohammad
3/16/2020 1:46:26 PM



#90
Benzo(a)pyrene
Concen: 43.187 ng
RT: 24.78 min Scan# 3692
Delta R.T. -0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Tgt Ion:252 Resp: 1729810
Ion Ratio Lower Upper
252 100
253 23.5 17.7 26.5
125 9.2 7.0 10.6





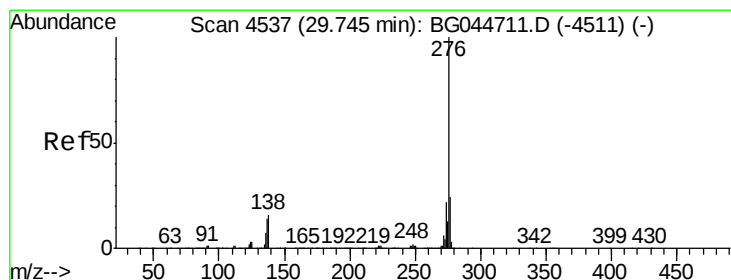
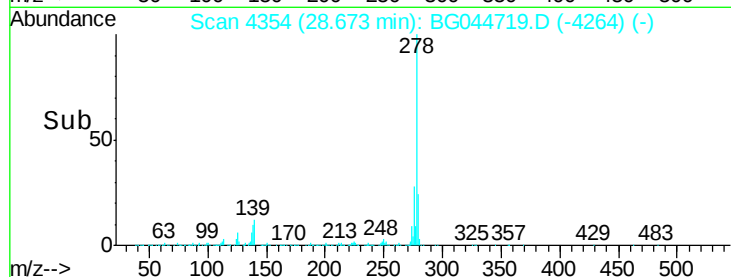
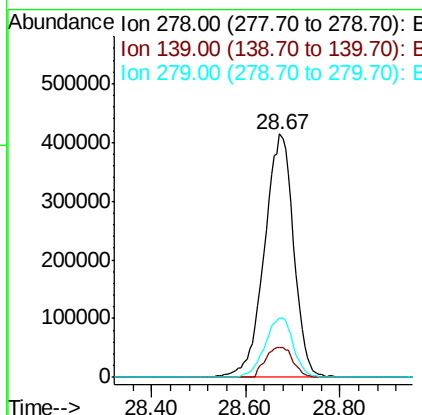
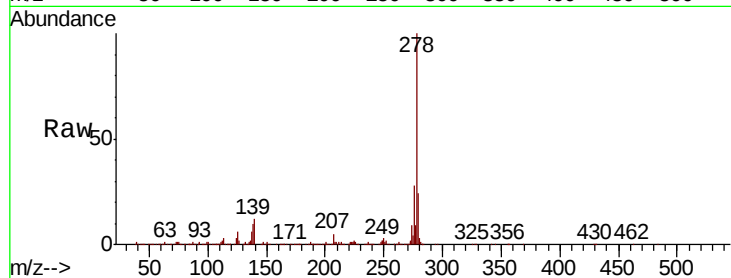
#91
Dibenzo(a,h)anthracene
Concen: 45.313 ng
RT: 28.67 min Scan# 4354
Delta R.T. -0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Instrument :
BNA_G
ClientSampled :
PB127319BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.2	9.9	14.9
279	24.3	20.2	30.4

Manual Integrations
APPROVED

mohammad
3/16/2020 1:46:26 PM



#92
Benzo(g,h,i)perylene
Concen: 46.282 ng
RT: 29.74 min Scan# 4535
Delta R.T. -0.01 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.8	28.2
138	16.9	13.0	19.4

