

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\
 Data File : BG042860.D
 Acq On : 16 Sep 2019 22:23
 Operator : HP/JU
 Sample : K4851-04MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-3C-(9-10)MSD

Manual Integrations
 APPROVED

mohammad
 9/17/2019 1:26:47 PM

Quant Time: Sep 17 04:27:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	108482	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	426041	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	296911	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	675214	20.00	ng	0.00
76) Chrysene-d12	21.76	240	632767	20.00	ng	0.00
87) Perylene-d12	25.03	264	705976	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	769833	123.37	ng	0.00
7) Phenol-d6	7.28	99	1154540	128.91	ng	0.00
23) Nitrobenzene-d5	9.27	82	739264	90.34	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	489520	123.92	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1500677	80.01	ng	0.00
79) Terphenyl-d14	20.09	244	2227599	78.02	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.58	88	88380	31.035 ng	98
3) Pyridine	3.98	79	240358	28.033 ng	99
4) n-Nitrosodimethylamine	3.89	42	144981	34.750 ng	87
6) Aniline	7.44	93	270624	22.396 ng	94
8) 2-Chlorophenol	7.68	128	283739	42.067 ng	98
9) Benzaldehyde	7.25	77	200940	34.477 ng	96
10) Phenol	7.30	94	428767	46.682 ng	99
11) bis(2-Chloroethyl)ether	7.54	93	274010	38.872 ng	97
12) 1,3-Dichlorobenzene	8.01	146	303409	36.881 ng	99
13) 1,4-Dichlorobenzene	8.15	146	312702	37.966 ng	99
14) 1,2-Dichlorobenzene	8.48	146	294283	37.535 ng	97
15) Benzyl Alcohol	8.35	79	300493	39.096 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.65	45	533577	34.469 ng	97
17) 2-Methylphenol	8.55	107	254634	41.439 ng	99
18) Hexachloroethane	9.21	117	114326	37.598 ng	92
19) n-Nitroso-di-n-propylamine	8.92	70	245633	37.220 ng	93
20) 3+4-Methylphenols	8.88	107	352845	41.656 ng	97
22) Acetophenone	8.93	105	436018	40.523 ng	97
24) Nitrobenzene	9.32	77	357709	41.645 ng	96
25) Isophorone	9.84	82	665838	39.035 ng	98
26) 2-Nitrophenol	10.03	139	164155	48.601 ng	93
27) 2,4-Dimethylphenol	10.09	122	280919	47.018 ng	99
28) bis(2-Chloroethoxy)methane	10.32	93	376074	39.535 ng	99
29) 2,4-Dichlorophenol	10.57	162	306884	44.200 ng	99
30) 1,2,4-Trichlorobenzene	10.78	180	334936	39.512 ng	99
31) Naphthalene	10.98	128	861121	40.937 ng	99
32) Benzoic acid	10.22	122	197395	41.736 ng	98
33) 4-Chloroaniline	11.07	127	163781	16.658 ng	97
34) Hexachlorobutadiene	11.27	225	226407	38.121 ng	97
35) Caprolactam	11.84	113	110642m	42.853 ng	
36) 4-Chloro-3-methylphenol	12.19	107	336813	44.678 ng	96
37) 2-Methylnaphthalene	12.58	142	655115	41.576 ng	97
38) 1-Methylnaphthalene	12.79	142	611359	41.367 ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	407955	41.580 ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\
 Data File : BG042860.D
 Acq On : 16 Sep 2019 22:23
 Operator : HP/JU
 Sample : K4851-04MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-3C-(9-10)MSD

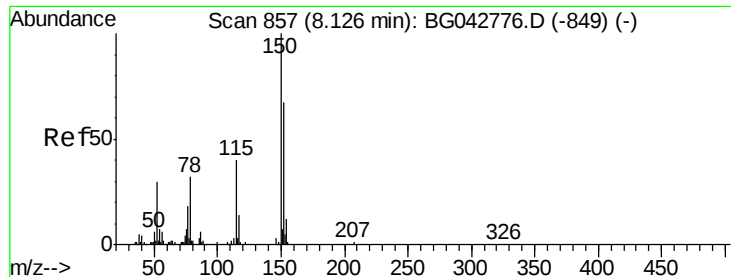
Manual Integrations
 APPROVED

mohammad
 9/17/2019 1:26:47 PM

Quant Time: Sep 17 04:27:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	342491	60.935	nq	96
43) 2,4,6-Trichlorophenol	13.17	196	277432	42.473	nq	97
44) 2,4,5-Trichlorophenol	13.24	196	298763	44.655	nq	98
46) 1,1'-Biphenyl	13.58	154	859928	41.371	nq	98
47) 2-Chloronaphthalene	13.62	162	673788	39.186	nq	96
48) 2-Nitroaniline	13.81	65	254698	42.701	nq	96
49) Acenaphthylene	14.46	152	1081142	41.146	nq	96
50) Dimethylphthalate	14.19	163	1111022	49.951	nq	99
51) 2,6-Dinitrotoluene	14.30	165	204776	44.868	nq	94
52) Acenaphthene	14.80	154	737736	42.976	nq	99
53) 3-Nitroaniline	14.63	138	142521	27.824	nq	# 92
54) 2,4-Dinitrophenol	14.83	184	146231	65.085	nq	# 80
55) Dibenzofuran	15.13	168	1053608	41.293	nq	97
56) 4-Nitrophenol	14.93	139	353073	89.150	nq	93
57) 2,4-Dinitrotoluene	15.09	165	280377	46.089	nq	96
58) Fluorene	15.78	166	860638	40.699	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	288413	44.469	nq	99
60) Diethylphthalate	15.55	149	869946	38.531	nq	100
61) 4-Chlorophenyl-phenylether	15.77	204	493591	39.478	nq	98
62) 4-Nitroaniline	15.79	138	208987	37.852	nq	96
63) Azobenzene	16.07	77	871848	40.101	nq	99
65) 4,6-Dinitro-2-methylphenol	15.85	198	127896	44.268	nq	97
66) n-Nitrosodiphenylamine	15.98	169	766776	42.201	nq	96
67) 4-Bromophenyl-phenylether	16.67	248	333299	40.783	nq	100
68) Hexachlorobenzene	16.79	284	350903	40.183	nq	97
69) Atrazine	16.93	200	298569	47.188	nq	100
70) Pentachlorophenol	17.12	266	464701	89.703	nq	94
71) Phenanthrene	17.52	178	1340058	41.499	nq	98
72) Anthracene	17.61	178	1366144	42.347	nq	98
73) Carbazole	17.88	167	1282029	41.811	nq	97
74) Di-n-butylphthalate	18.44	149	1452294	39.539	nq	98
75) Fluoranthene	19.53	202	1656576	39.583	nq	97
77) Benzidine	19.70	184	768315	43.460	nq	98
78) Pyrene	19.89	202	1667760	42.099	nq	97
80) Butylbenzylphthalate	20.77	149	665142	41.486	nq	97
81) Benzo(a)anthracene	21.74	228	1644540	40.876	nq	97
82) 3,3'-Dichlorobenzidine	21.65	252	437185	27.962	nq	98
83) Chrysene	21.81	228	1587225	41.650	nq	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	924838	42.217	nq	99
85) Di-n-octyl phthalate	22.89	149	1571127	42.070	nq	99
86) Indeno(1,2,3-cd)pyrene	28.78	276	2008302	42.555	nq	# 92
88) Benzo(b)fluoranthene	24.00	252	1711606	41.290	nq	97
89) Benzo(k)fluoranthene	24.06	252	1670754	42.667	nq	96
90) Benzo(a)pyrene	24.88	252	1691273	43.572	nq	99
91) Dibenzo(a,h)anthracene	28.85	278	1666680	43.657	nq	100
92) Benzo(g,h,i)perylene	29.95	276	1636855	43.957	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

Instrument :

BNA_G

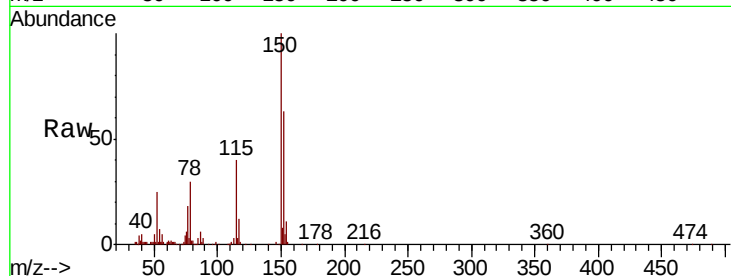
ClientSampleId :

SB-3C-(9-10)MSD

Tot Ion:	152	Resp:	108482
Ion Ratio	Lower	Upper	
152	100		
150	158.0	118.9	178.3
115	63.1	47.4	71.2

Manual Integrations
APPROVED

mohammad
9/17/2019 1:26:47 PM

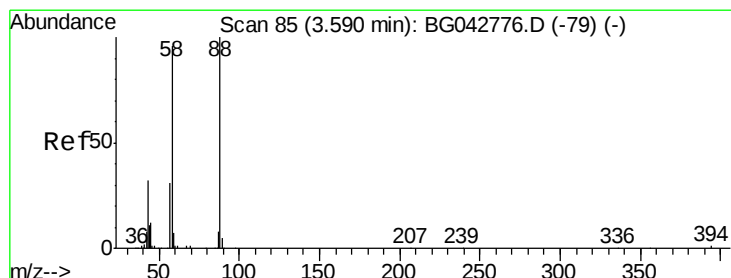
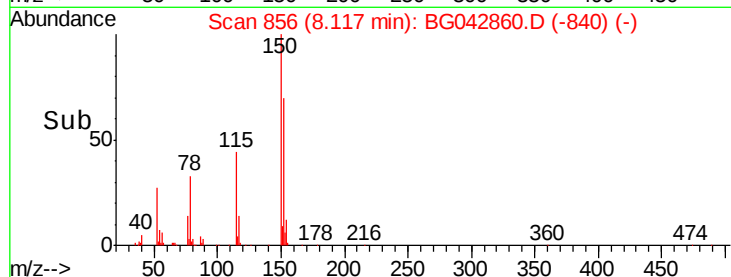
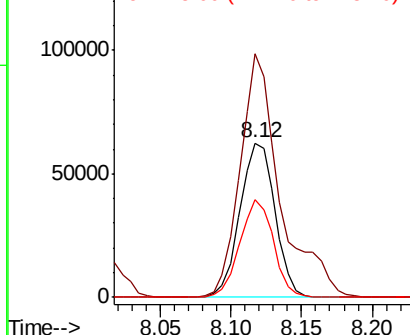


Abundance

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: 31.035 ng

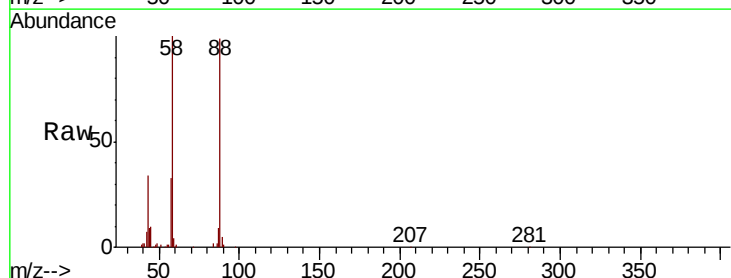
RT: 3.58 min Scan# 84

Delta R.T. -0.01 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

Tgt Ion:	88	Resp:	88380
Ion Ratio	Lower	Upper	
88	100		
58	98.5	79.1	118.7
43	34.1	30.4	45.6

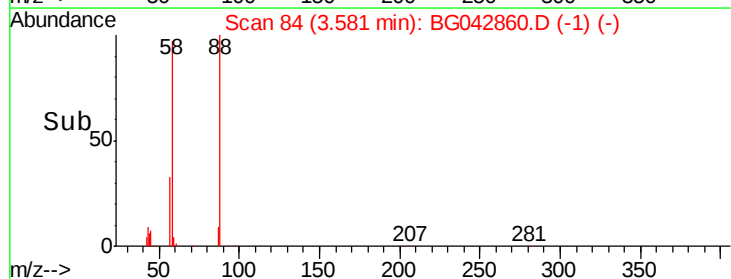
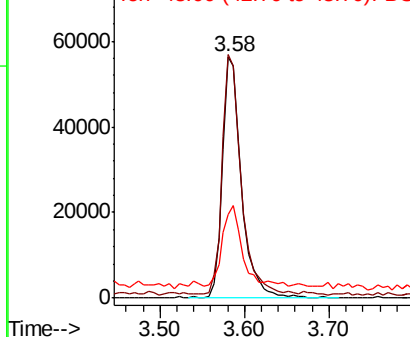


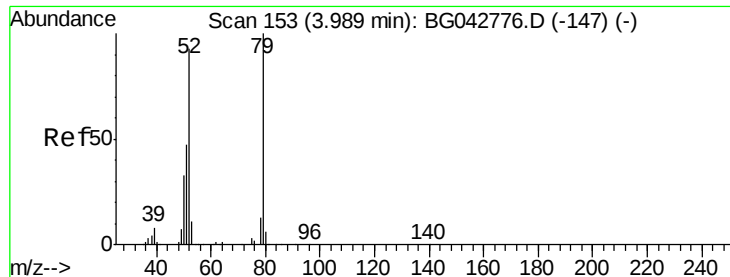
Abundance

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: 28.033 ng

RT: 3.98 min Scan# 152

Delta R.T. -0.01 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

Instrument :

BNA_G

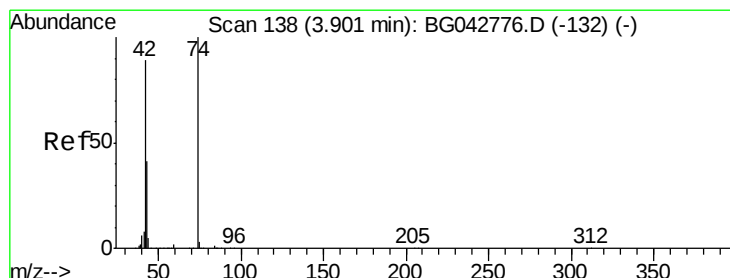
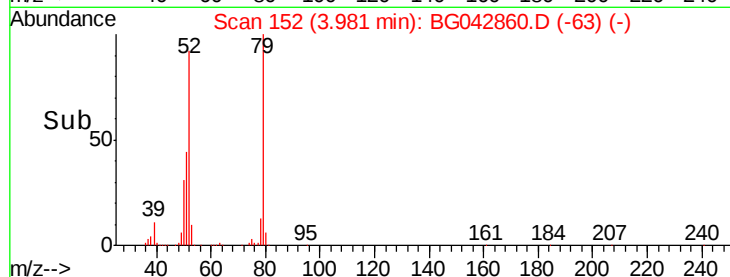
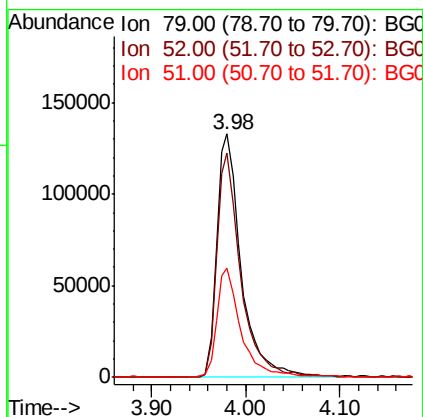
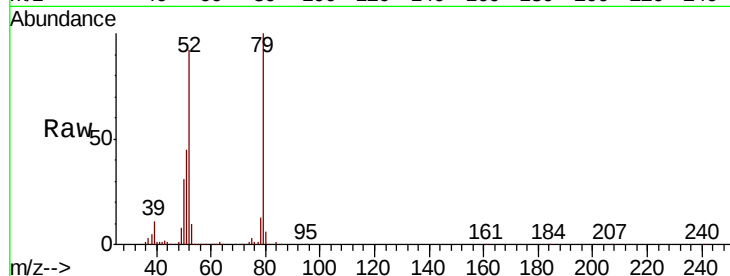
ClientSampleId :

SB-3C-(9-10)MSD

Tot Ion:	79	Resp:	240358
Ion	Ratio	Lower	Upper
79	100		
52	92.4	74.0	111.0
51	44.8	37.5	56.3

Manual Integrations
APPROVED

mohammad
9/17/2019 1:26:47 PM



#4

n-Nitrosodimethylamine

Concen: 34.750 ng

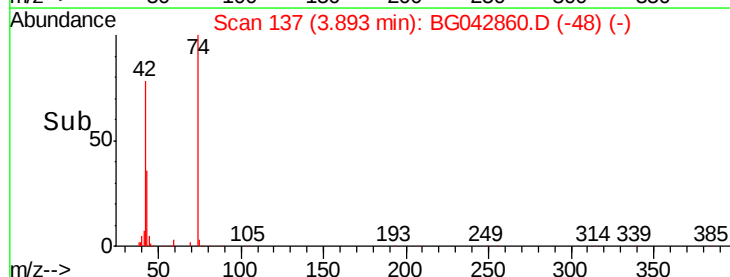
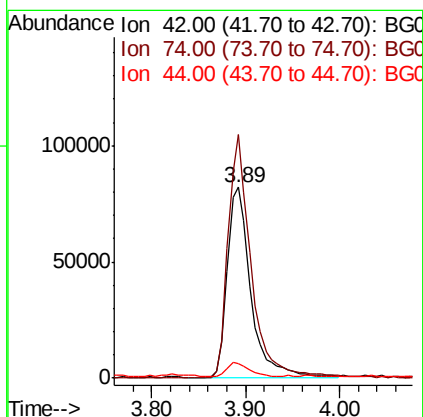
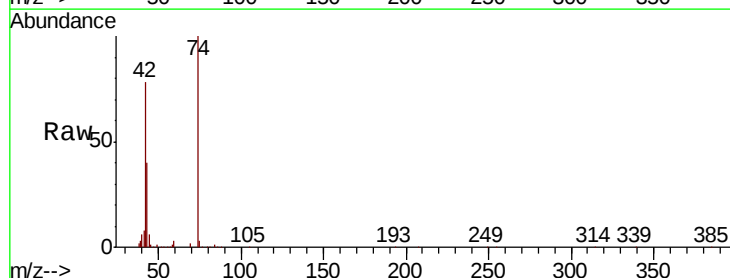
RT: 3.89 min Scan# 137

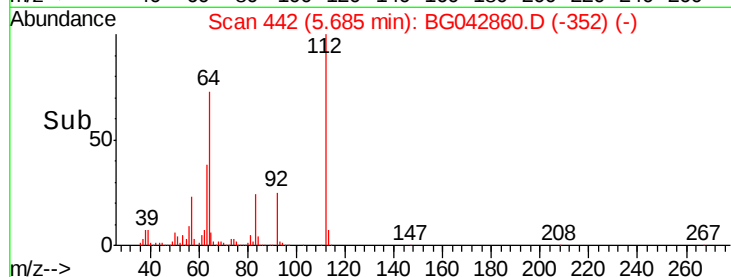
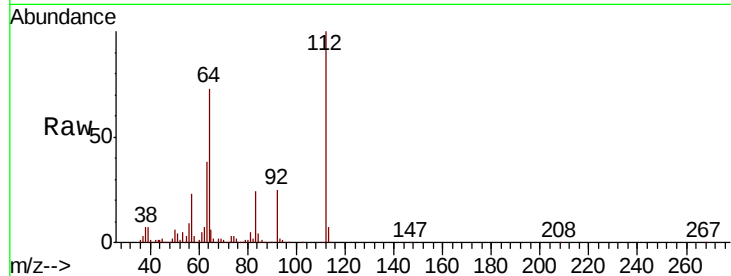
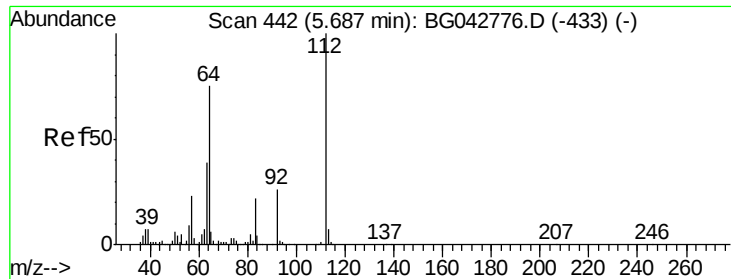
Delta R.T. -0.01 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

Tgt Ion:	42	Resp:	144981
Ion	Ratio	Lower	Upper
42	100		
74	127.5	90.2	135.2
44	7.5	6.6	9.8





#5

2-Fluorophenol

Concen: 123.375 ng

RT: 5.68 min Scan# 442

Delta R.T. -0.00 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

Tot Ion:	112	Resp:	769833
Ion Ratio	Lower	Upper	
112	100		
64	73.0	60.2	90.2
63	38.3	31.2	46.8

Instrument :

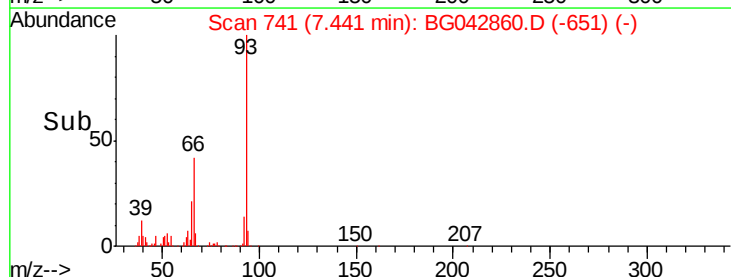
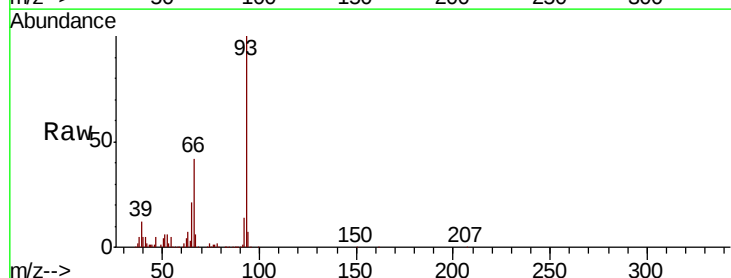
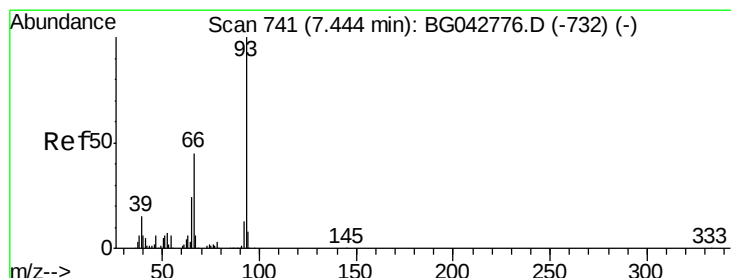
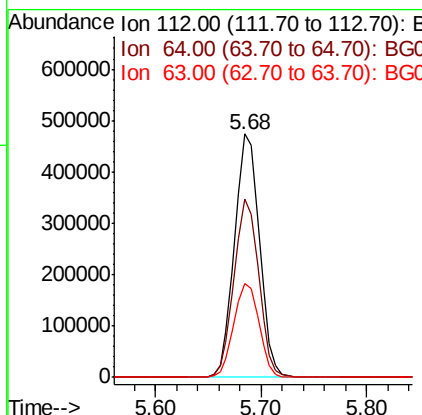
BNA_G

ClientSampleId :

SB-3C-(9-10)MSD

Manual Integrations
APPROVED

mohammad
9/17/2019 1:26:47 PM



#6

Aniline

Concen: 22.396 ng

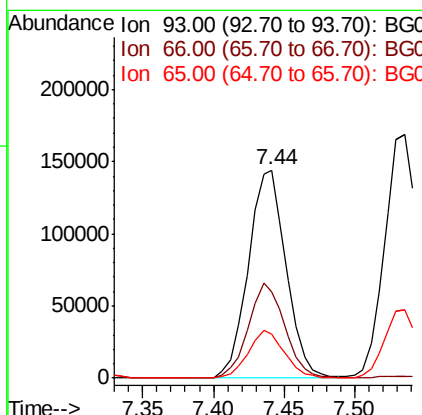
RT: 7.44 min Scan# 741

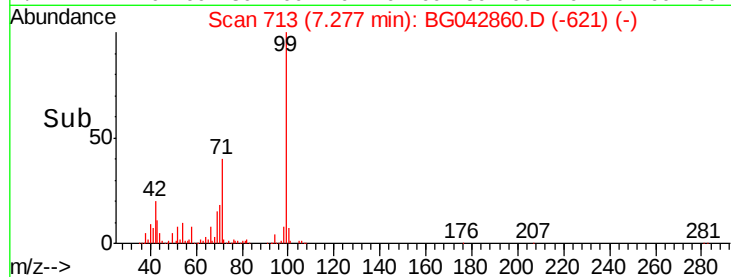
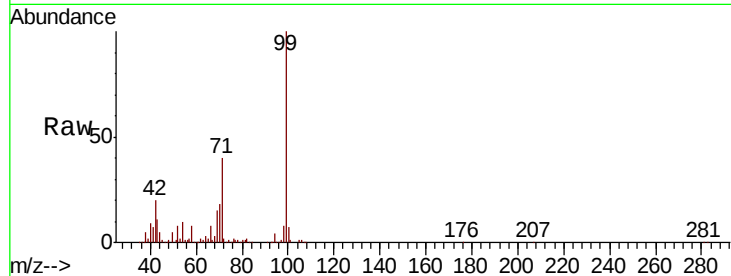
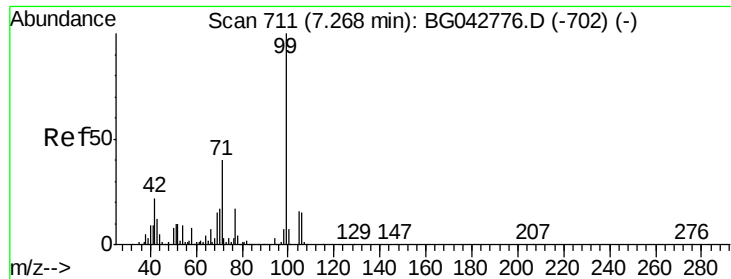
Delta R.T. -0.00 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

Tgt Ion:	93	Resp:	270624
Ion Ratio	Lower	Upper	
93	100		
66	41.5	36.3	54.5
65	21.3	19.3	28.9





#7

Phenol-d6

Concen: 128.909 ng

RT: 7.28 min Scan# 713

Delta R.T. 0.01 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

Tot Ion: 99 Resp: 1154540

Ion Ratio Lower Upper

99 100

42 20.3 17.5 26.3

71 40.1 32.0 48.0

Instrument :

BNA_G

ClientSampleId :

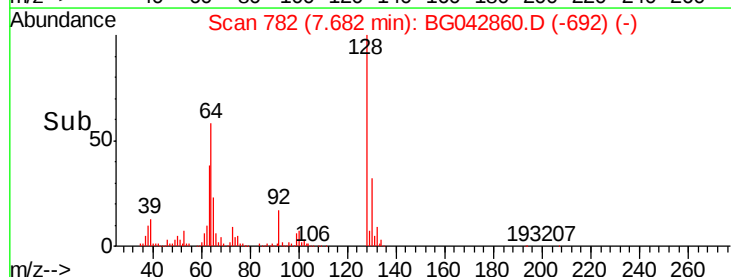
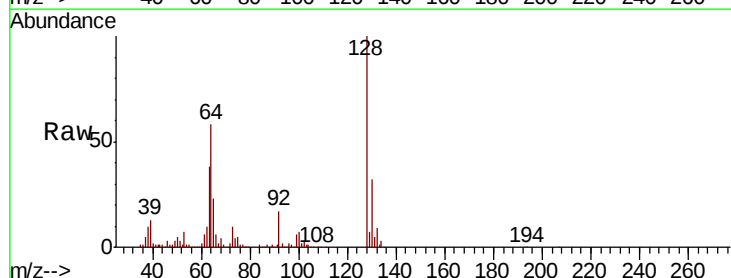
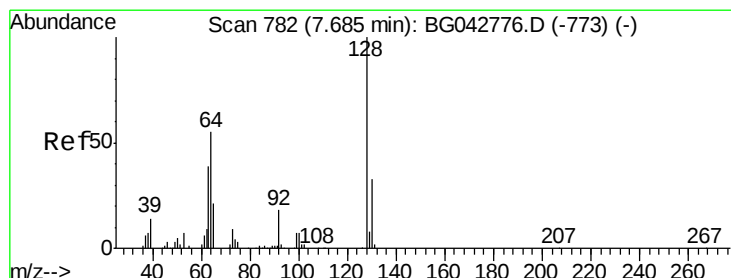
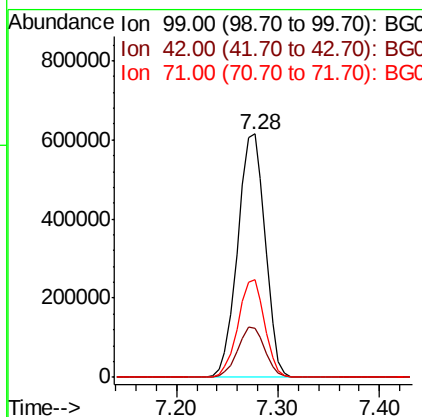
SB-3C-(9-10)MSD

Manual Integrations

APPROVED

mohammad

9/17/2019 1:26:47 PM



#8

2-Chlorophenol

Concen: 42.067 ng

RT: 7.68 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

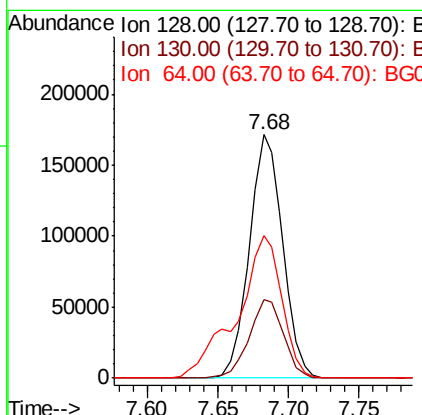
Tgt Ion:128 Resp: 283739

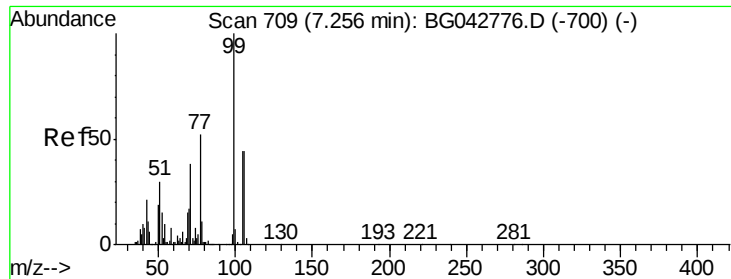
Ion Ratio Lower Upper

128 100

130 32.1 12.8 52.8

64 58.5 36.8 76.8





#9

Benzaldehyde

Concen: 34.477 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

Instrument :

BNA_G

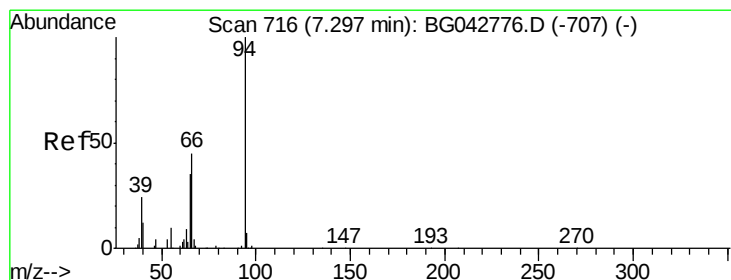
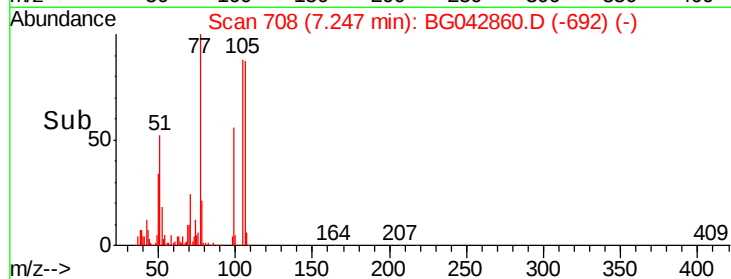
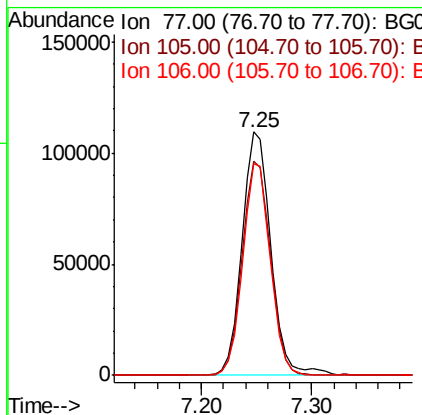
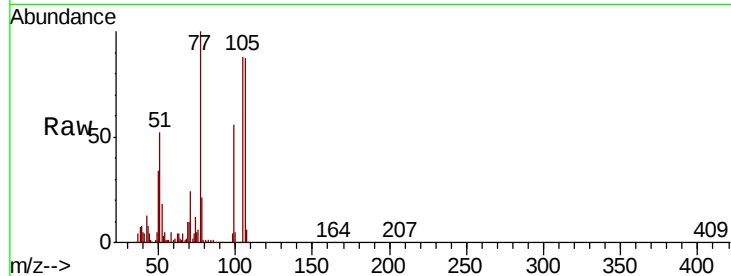
ClientSampleId :

SB-3C-(9-10)MSD

Tot Ion:	77	Resp:	200940
Ion	Ratio	Lower	Upper
77	100		
105	88.1	64.5	104.5
106	87.1	63.4	103.4

Manual Integrations
APPROVED

mohammad
9/17/2019 1:26:47 PM



#10

Phenol

Concen: 46.682 ng

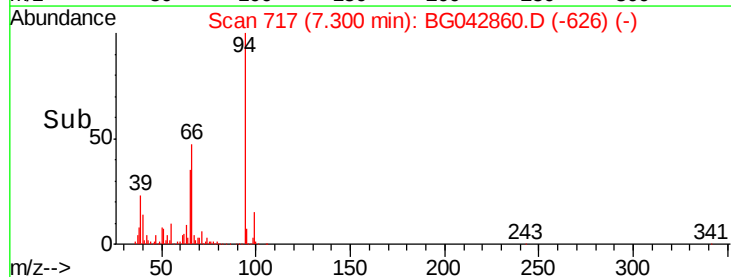
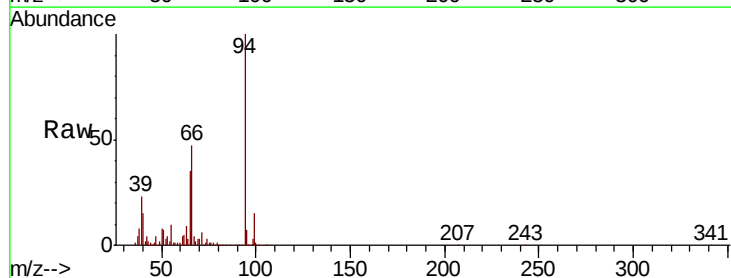
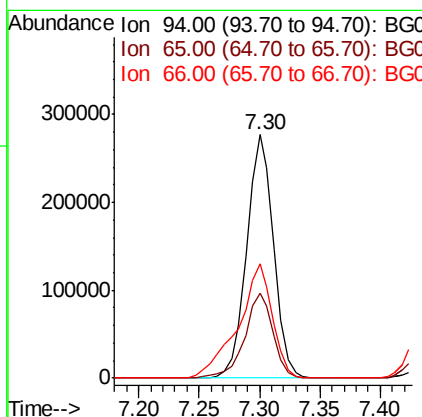
RT: 7.30 min Scan# 717

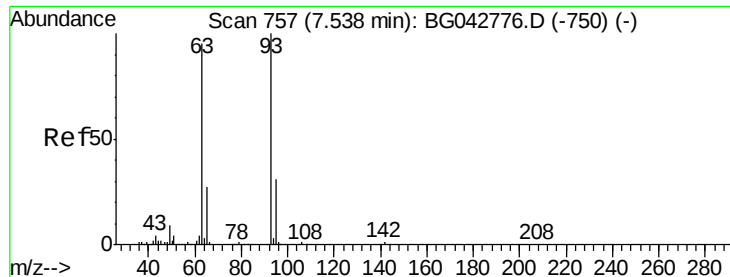
Delta R.T. 0.00 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

Tgt Ion:	94	Resp:	428767
Ion	Ratio	Lower	Upper
94	100		
65	34.7	15.0	55.0
66	46.8	26.1	66.1





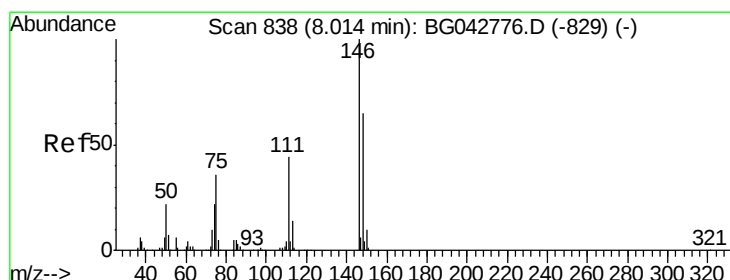
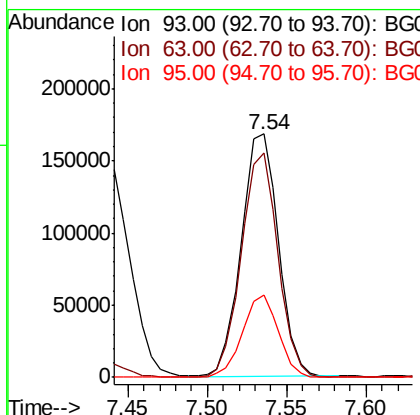
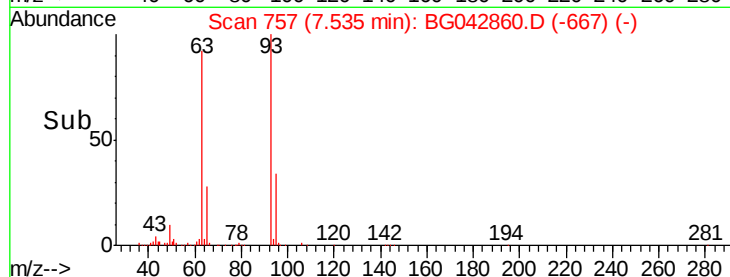
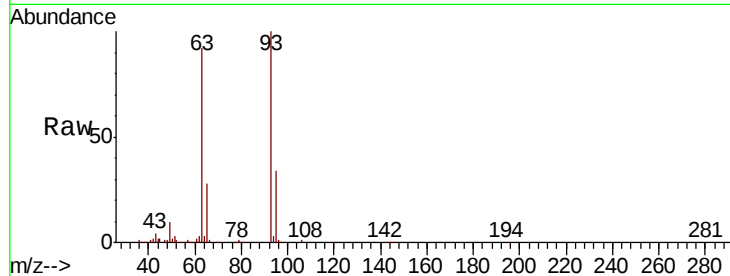
#11
bis(2-Chloroethyl)ether
Concen: 38.872 ng
RT: 7.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Instrument :
BNA_G
ClientSampleId :
SB-3C-(9-10)MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	92.0	74.7	114.7
95	34.1	11.1	51.1

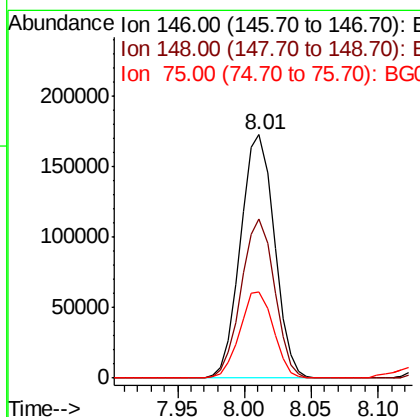
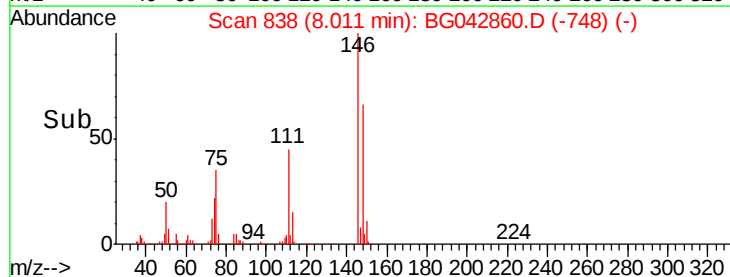
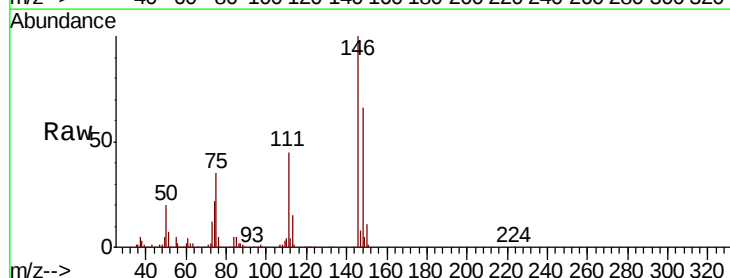
Manual Integrations
APPROVED

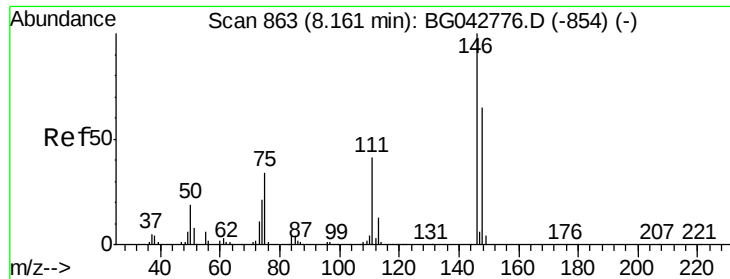
mohammad
9/17/2019 1:26:47 PM



#12
1,3-Dichlorobenzene
Concen: 36.881 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.00 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.9	77.9
75	35.5	28.4	42.6





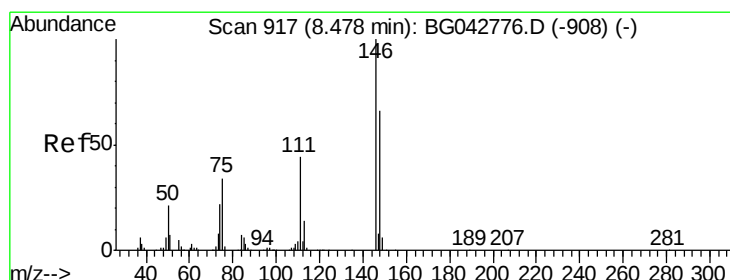
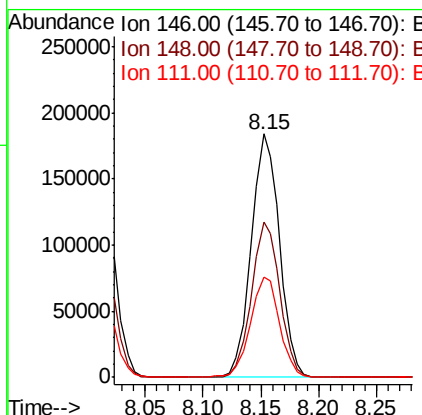
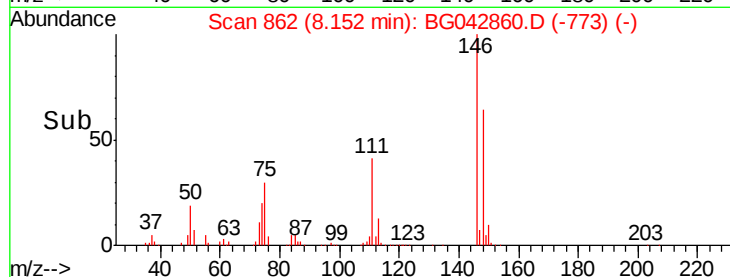
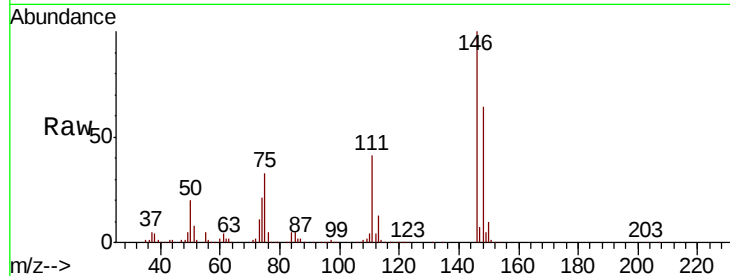
#13
1,4-Dichlorobenzene
Concen: 37.966 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.01 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Instrument :
BNA_G
ClientSampleId :
SB-3C-(9-10)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.2	78.4
111	40.9	32.6	49.0

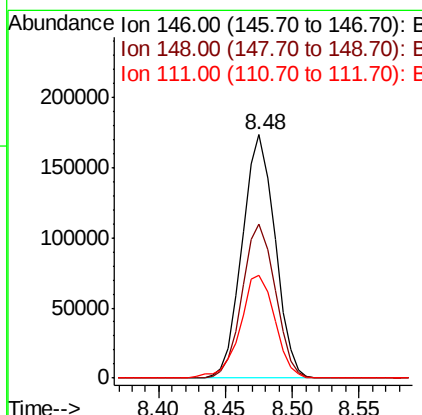
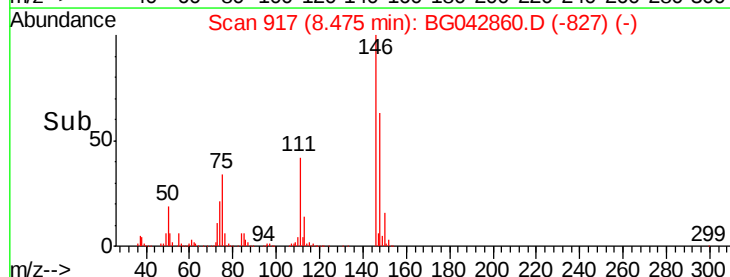
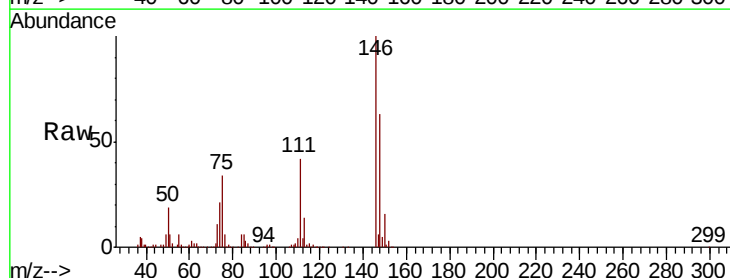
Manual Integrations
APPROVED

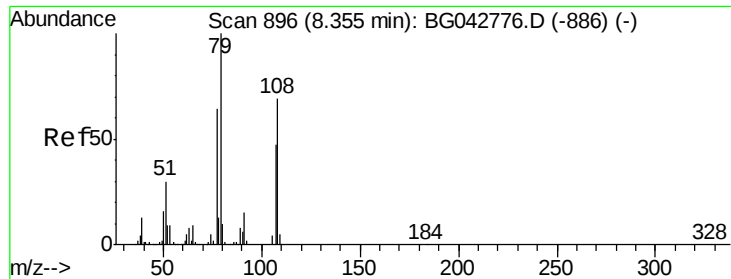
mohammad
9/17/2019 1:26:47 PM



#14
1,2-Dichlorobenzene
Concen: 37.535 ng
RT: 8.48 min Scan# 917
Delta R.T. -0.00 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.6	78.8
111	42.1	35.3	52.9





#15

Benzyl Alcohol

Concen: 39.096 ng

RT: 8.35 min Scan# 896

Delta R.T. -0.00 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

Instrument :

BNA_G

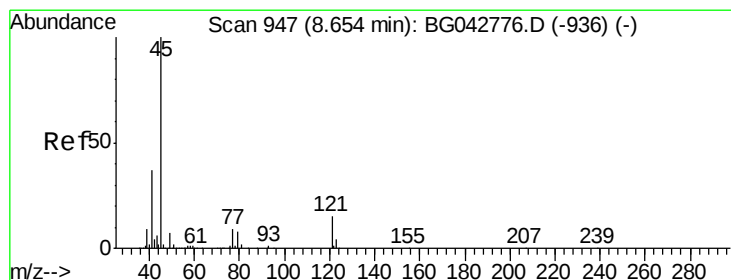
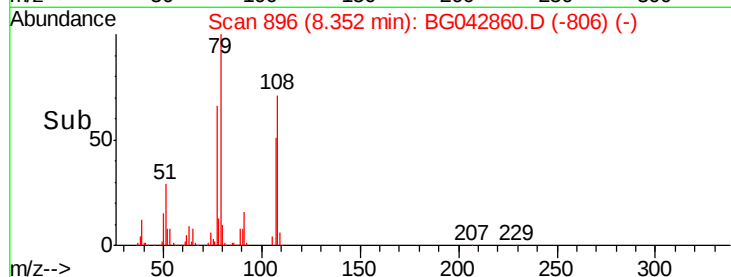
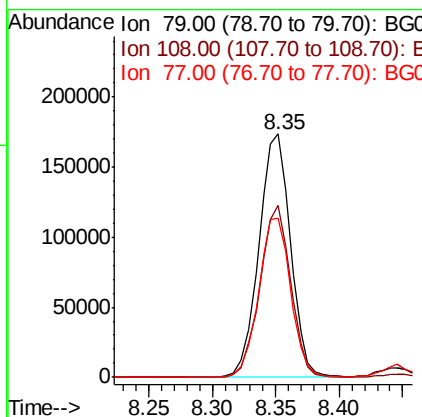
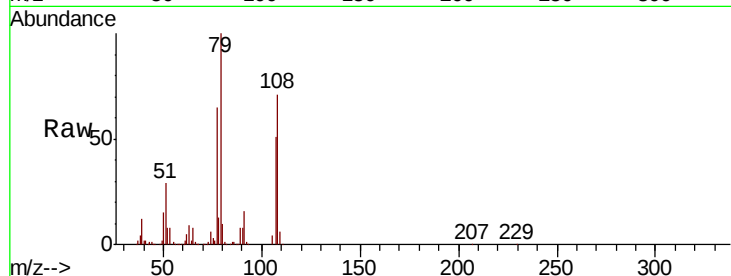
ClientSampleId :

SB-3C-(9-10)MSD

Tot Ion:	79	Resp:	300493
Ion Ratio	Lower	Upper	
79	100		
108	70.6	54.9	82.3
77	65.5	51.0	76.6

Manual Integrations
APPROVED

mohammad
9/17/2019 1:26:47 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.469 ng

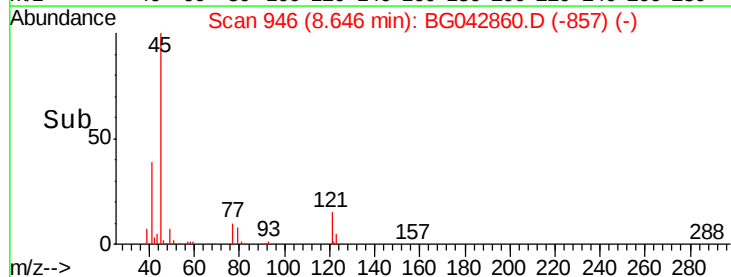
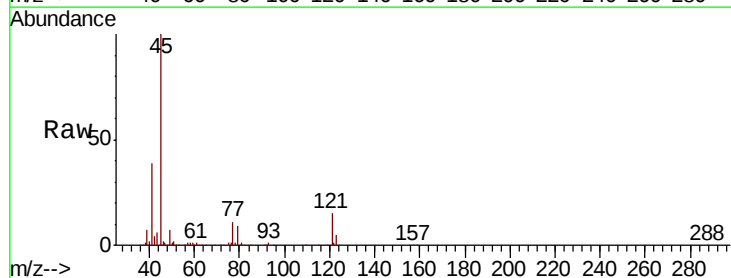
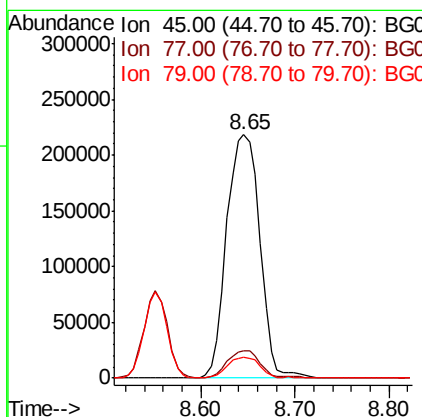
RT: 8.65 min Scan# 946

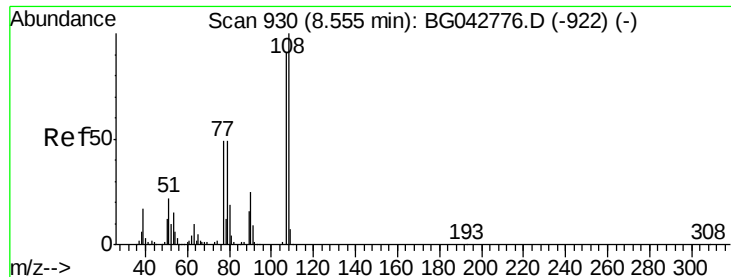
Delta R.T. -0.01 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

Tgt Ion:	45	Resp:	533577
Ion Ratio	Lower	Upper	
45	100		
77	11.1	0.0	29.4
79	8.8	0.0	28.4





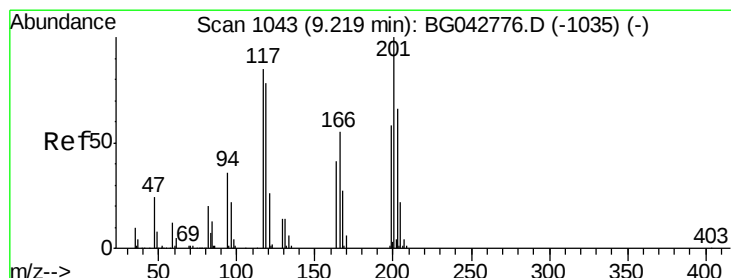
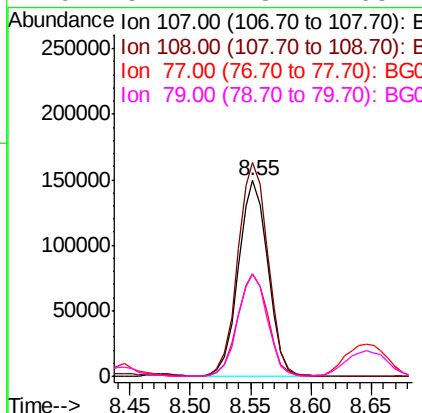
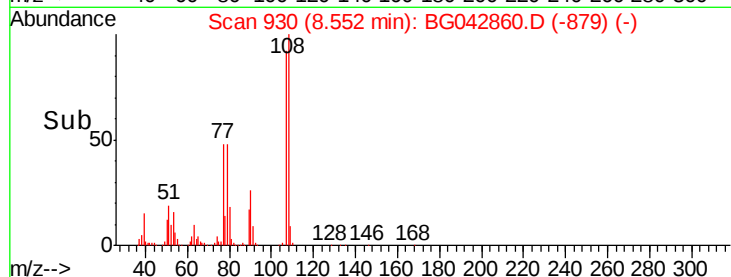
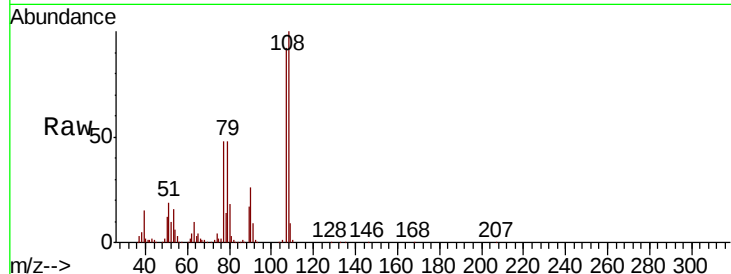
#17
2-Methylphenol
Concen: 41.439 ng
RT: 8.55 min Scan# 930
Delta R.T. -0.00 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Instrument :
BNA_G
ClientSampleId :
SB-3C-(9-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.1	87.7	131.5	
77	52.3	42.6	64.0	
79	52.1	43.4	65.2	

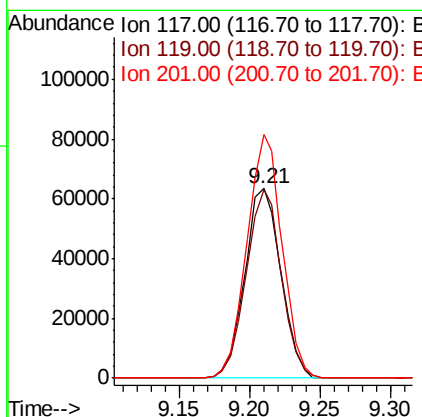
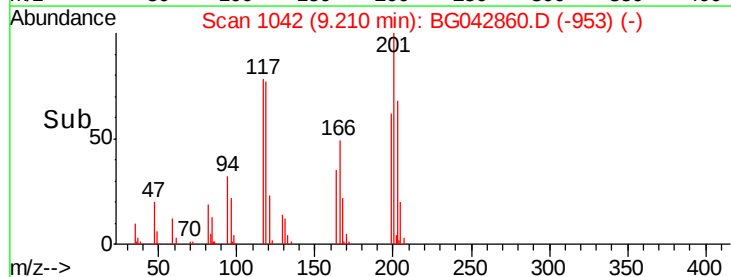
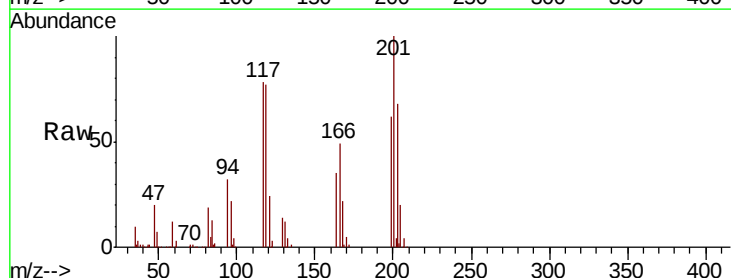
Manual Integrations
APPROVED

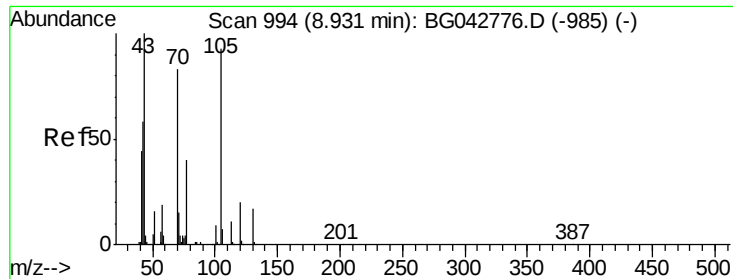
mohammad
9/17/2019 1:26:47 PM



#18
Hexachloroethane
Concen: 37.598 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.2	73.8	110.8	
201	128.4	94.6	142.0	





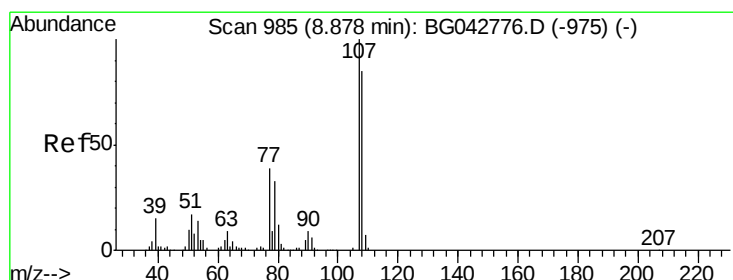
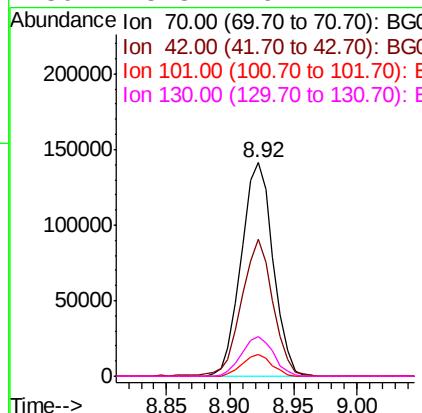
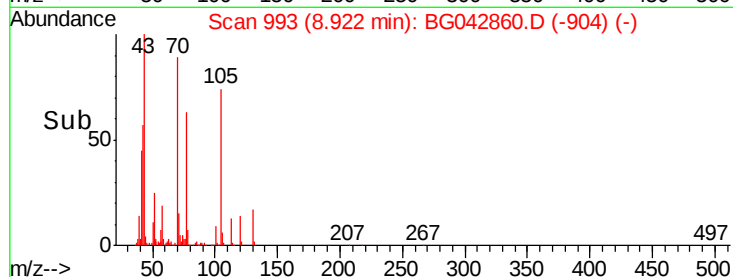
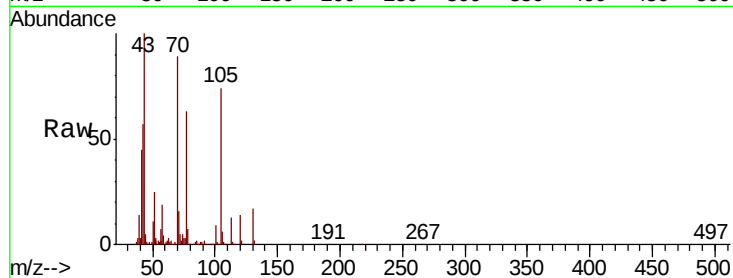
#19
n-Nitroso-di-n-propylamine
Concen: 37.220 ng
RT: 8.92 min Scan# 993
Delta R.T. -0.01 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Instrument :
BNA_G
ClientSampleId :
SB-3C-(9-10)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	64.2	57.0	85.6		
101	10.3	8.4	12.6		
130	18.8	16.1	24.1		

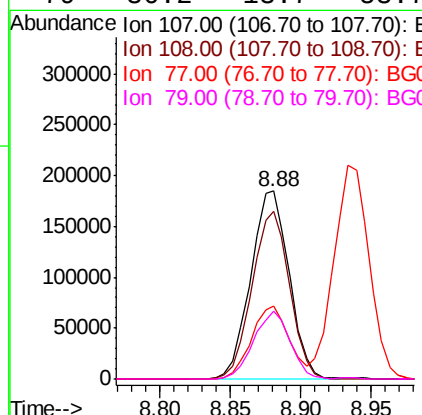
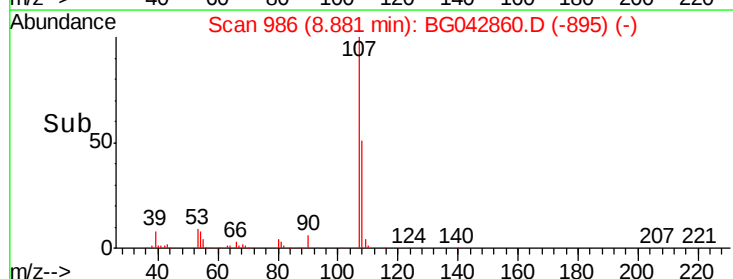
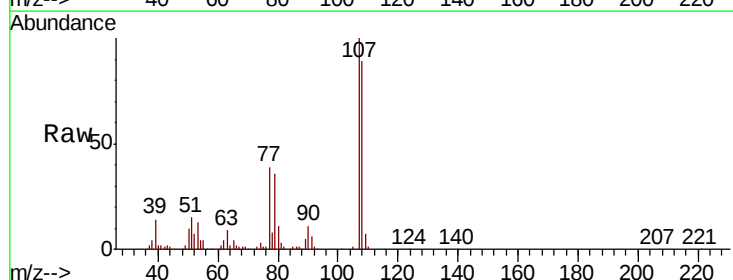
Manual Integrations
APPROVED

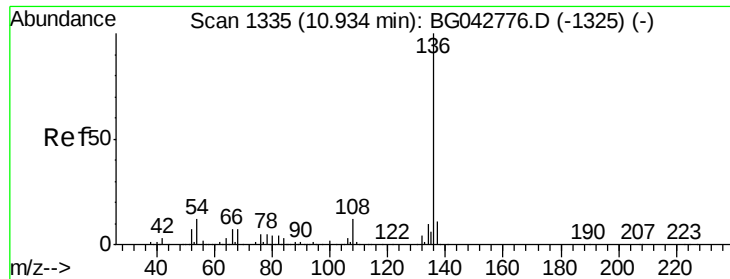
mohammad
9/17/2019 1:26:47 PM



#20
3+4-Methylphenols
Concen: 41.656 ng
RT: 8.88 min Scan# 986
Delta R.T. 0.00 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.0	65.4	105.4		
77	39.0	18.7	58.7		
79	36.2	13.7	53.7		





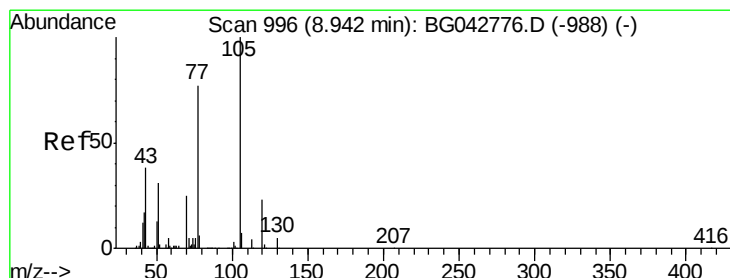
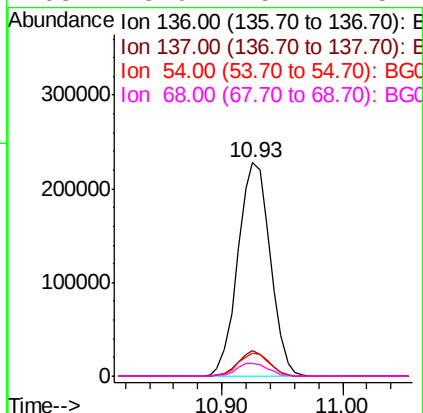
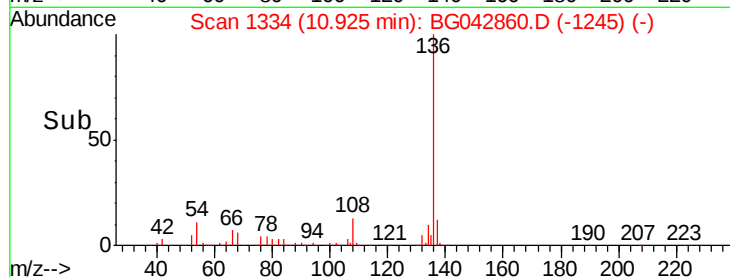
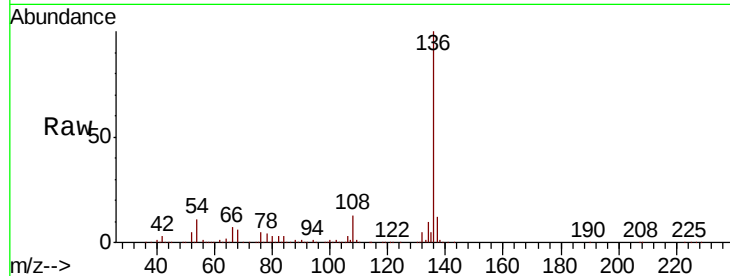
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Instrument :
BNA_G
ClientSampleId :
SB-3C-(9-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	426041		
137	12.0		9.0	13.6
54	11.0		9.4	14.0
68	5.9		5.4	8.2

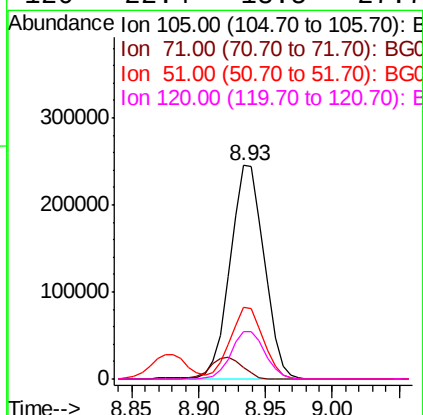
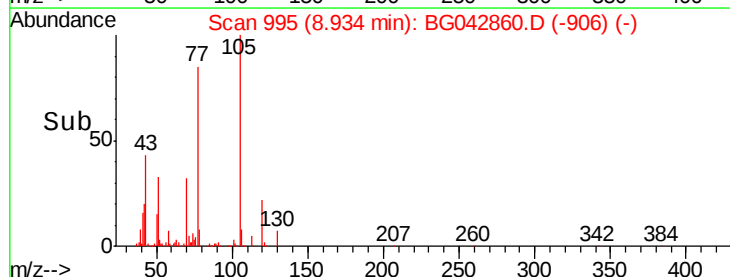
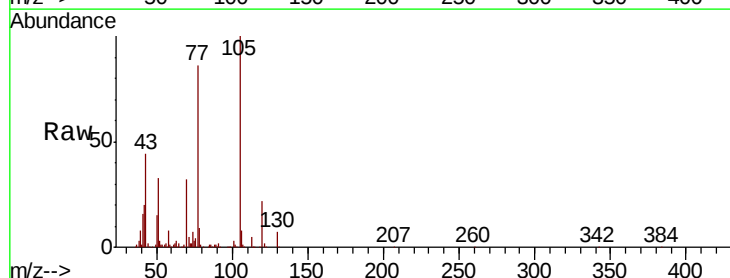
Manual Integrations
APPROVED

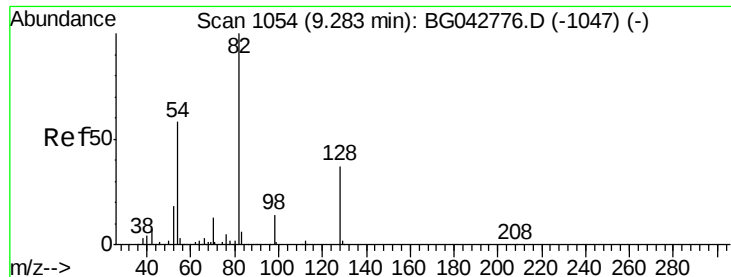
mohammad
9/17/2019 1:26:47 PM



#22
Acetophenone
Concen: 40.523 ng
RT: 8.93 min Scan# 995
Delta R.T. -0.01 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	436018		
71	5.4		3.7	5.5
51	33.4		28.8	43.2
120	22.4		18.5	27.7





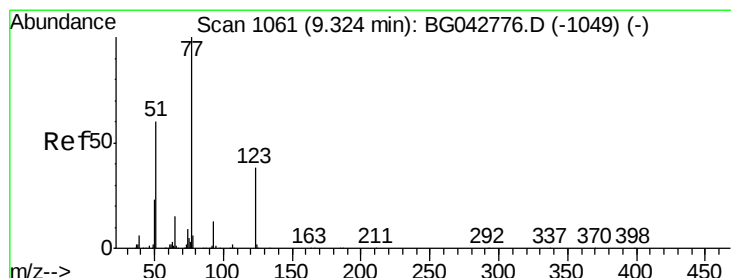
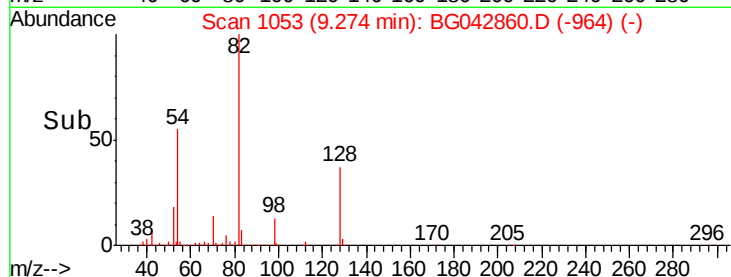
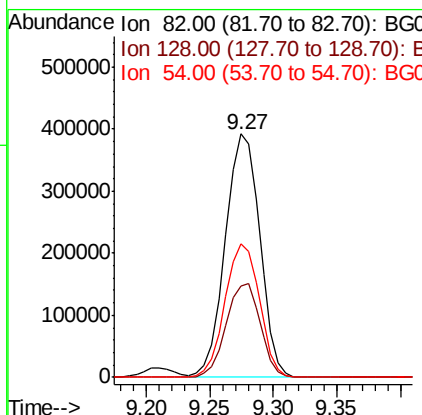
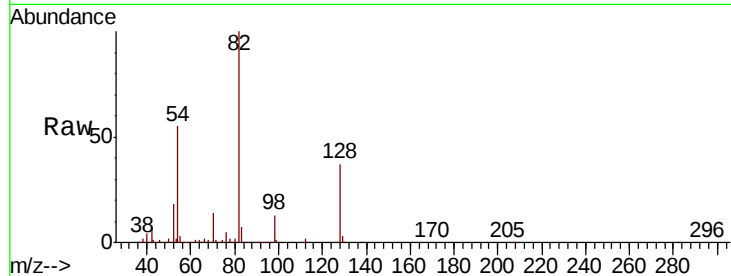
#23
 Nitrobenzene-d5
 Concen: 90.338 ng
 RT: 9.27 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BG042860.D
 Acq: 16 Sep 2019 22:23

Instrument :
 BNA_G
 ClientSampleID :
 SB-3C-(9-10)MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.5	29.8	44.8
54	54.7	46.1	69.1

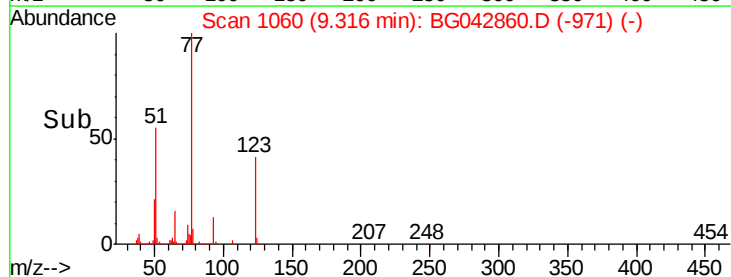
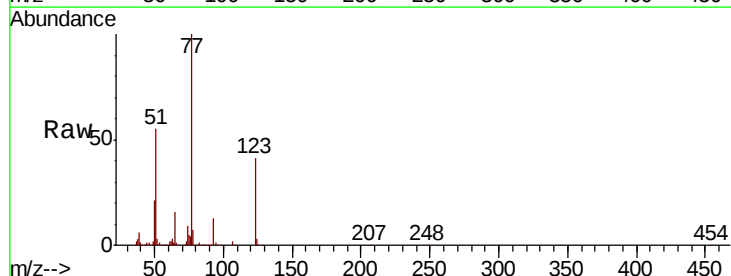
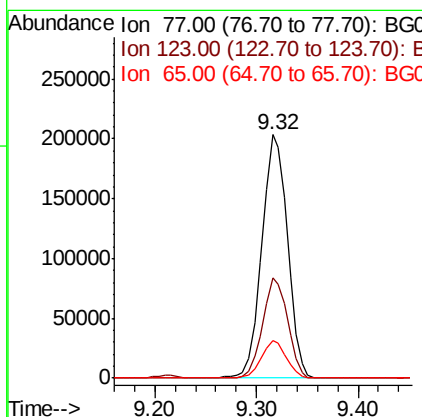
Manual Integrations
 APPROVED

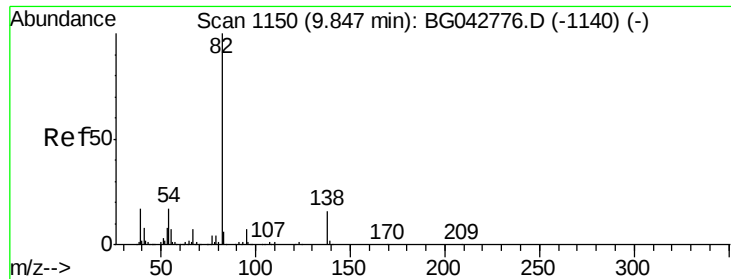
mohammad
 9/17/2019 1:26:47 PM



#24
 Nitrobenzene
 Concen: 41.645 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. -0.01 min
 Lab File: BG042860.D
 Acq: 16 Sep 2019 22:23

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.3	30.7	46.1
65	15.7	12.2	18.4





#25

Isophorone

Concen: 39.035 ng

RT: 9.84 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

Instrument :

BNA_G

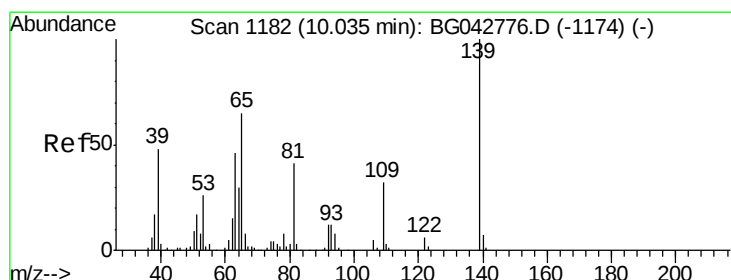
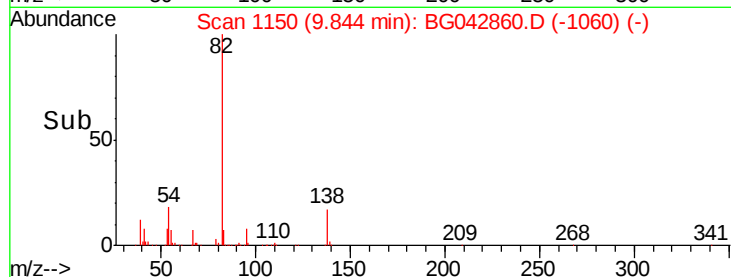
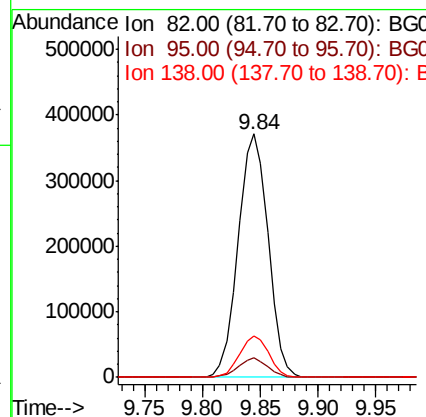
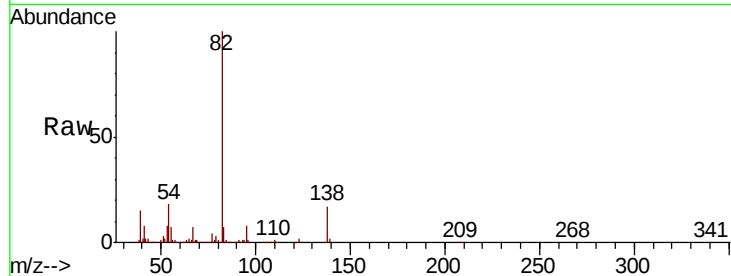
ClientSampleId :

SB-3C-(9-10)MSD

Tot Ion	82	Resp	665838
Ion Ratio	Lower	Upper	
82	100		
95	8.3	5.8	8.8
138	16.8	12.9	19.3

Manual Integrations
APPROVED

mohammad
9/17/2019 1:26:47 PM



#26

2-Nitrophenol

Concen: 48.601 ng

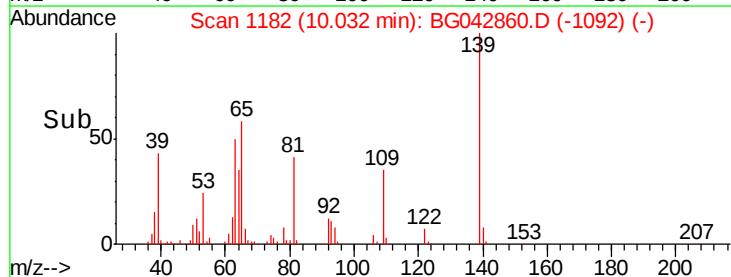
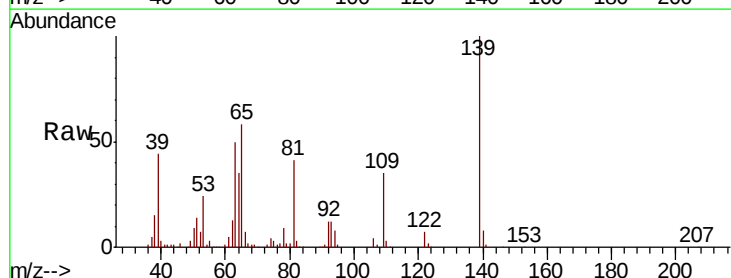
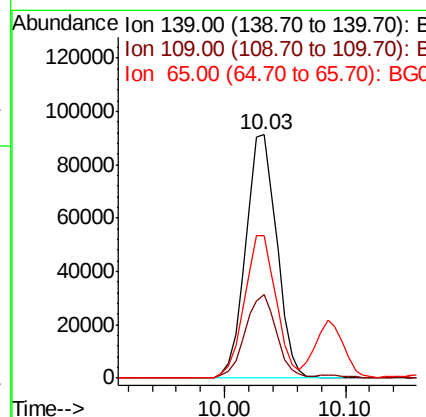
RT: 10.03 min Scan# 1182

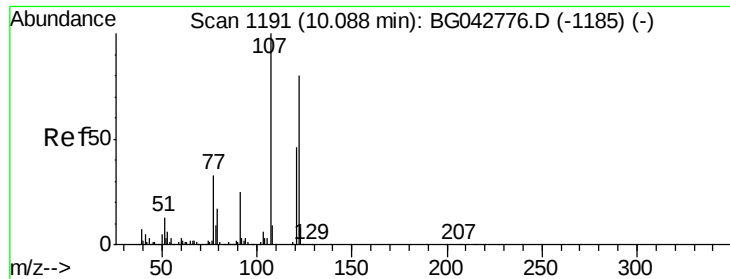
Delta R.T. -0.00 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

Tgt Ion	139	Resp	164155
Ion Ratio	Lower	Upper	
139	100		
109	34.6	25.8	38.8
65	58.4	52.2	78.2





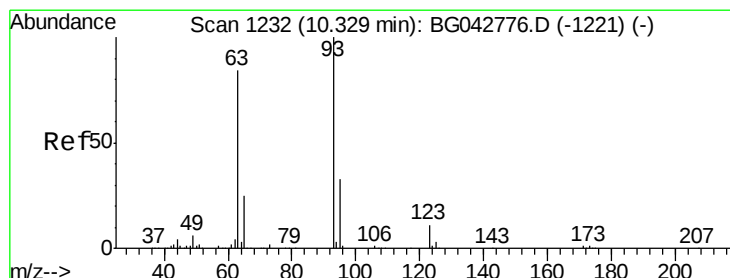
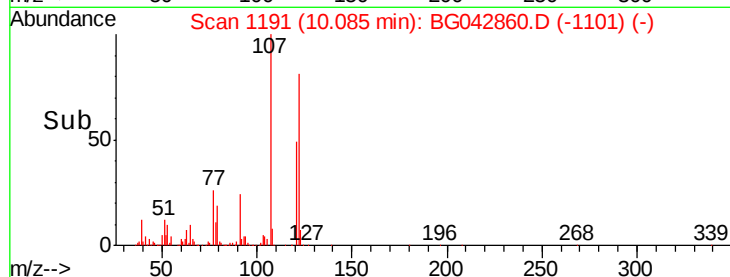
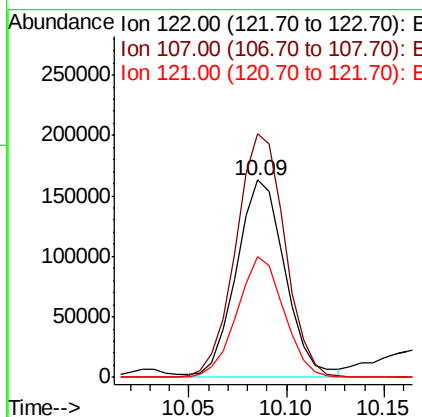
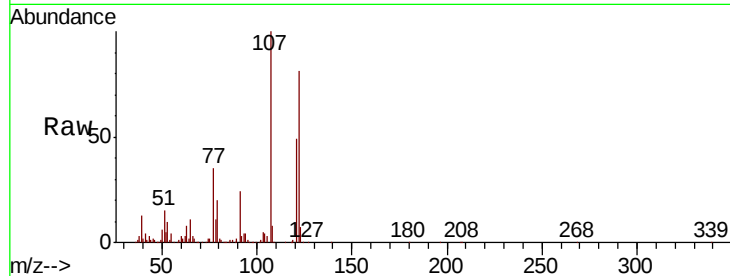
#27
 2,4-Dimethylphenol
 Concen: 47.018 ng
 RT: 10.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BG042860.D
 Acq: 16 Sep 2019 22:23

Instrument :
 BNA_G
 ClientSampleId :
 SB-3C-(9-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	280919		
107	123.6	98.9	148.3	
121	61.0	46.2	69.2	

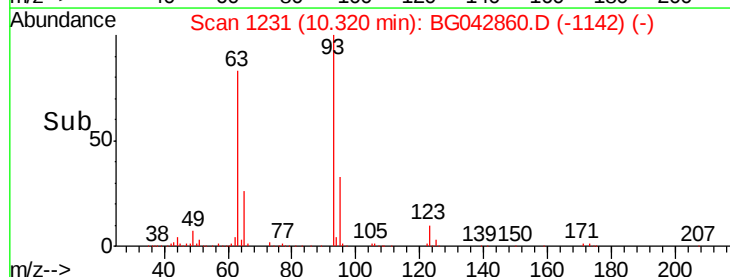
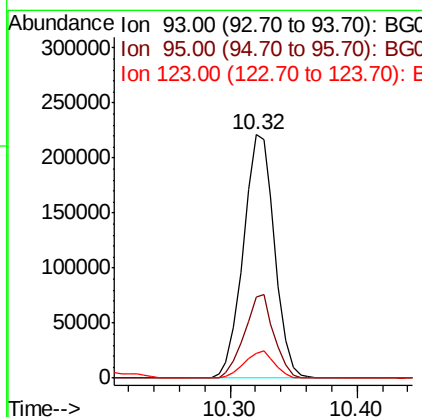
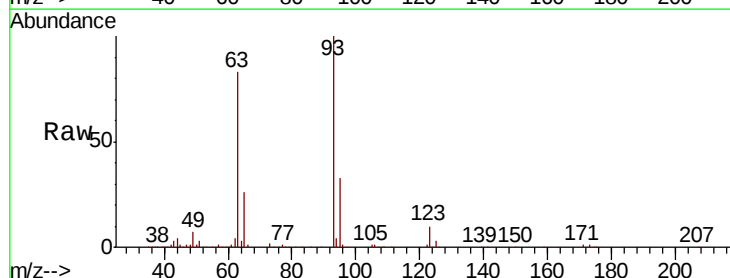
Manual Integrations
 APPROVED

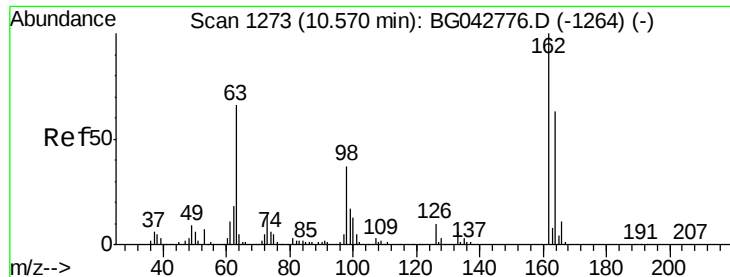
mohammad
 9/17/2019 1:26:47 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.535 ng
 RT: 10.32 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BG042860.D
 Acq: 16 Sep 2019 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	376074		
95	33.1	26.6	40.0	
123	10.3	9.0	13.6	





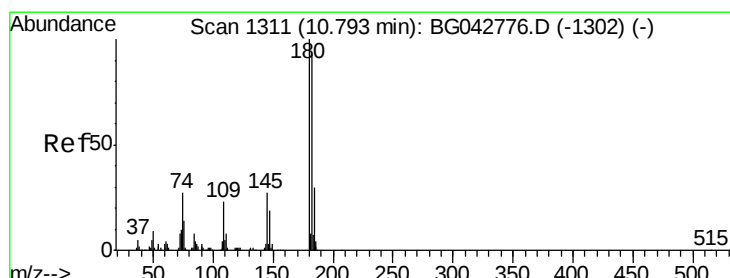
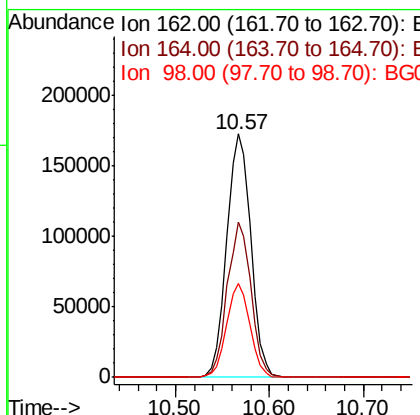
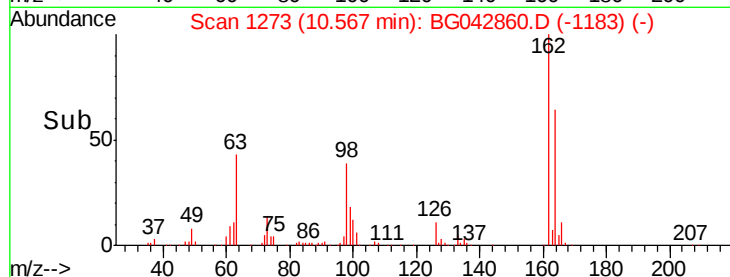
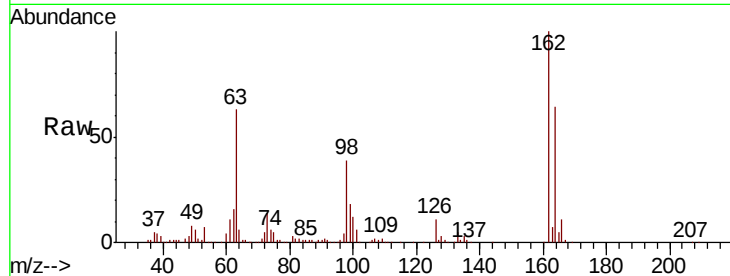
#29
 2,4-Dichlorophenol
 Concen: 44.200 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BG042860.D
 Acq: 16 Sep 2019 22:23

Instrument :
 BNA_G
 ClientSampleId :
 SB-3C-(9-10)MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	43.4	83.4
98	38.6	17.0	57.0

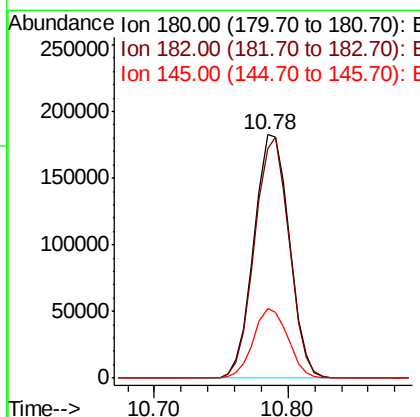
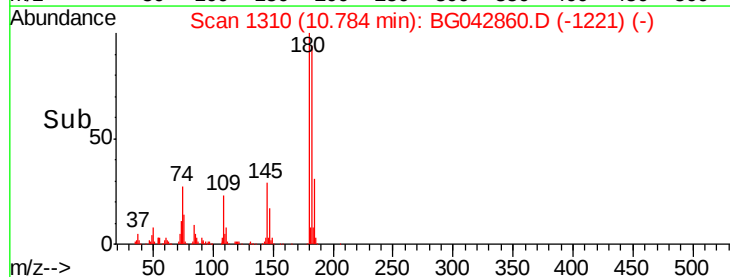
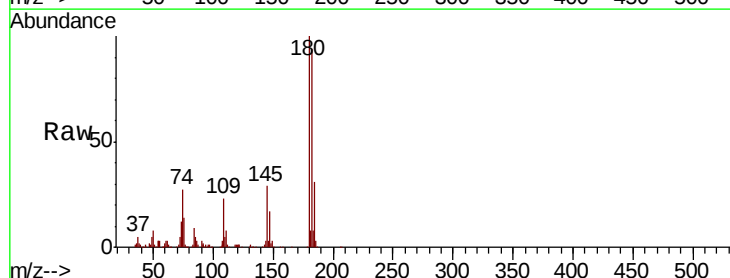
Manual Integrations
 APPROVED

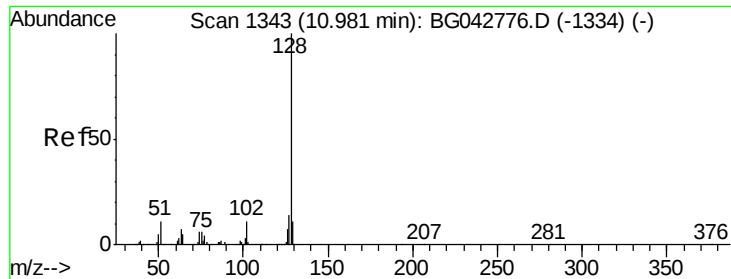
mohammad
 9/17/2019 1:26:47 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.512 ng
 RT: 10.78 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BG042860.D
 Acq: 16 Sep 2019 22:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	74.6	112.0
145	28.5	21.8	32.6





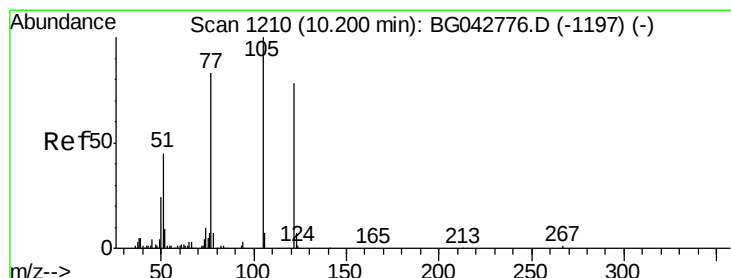
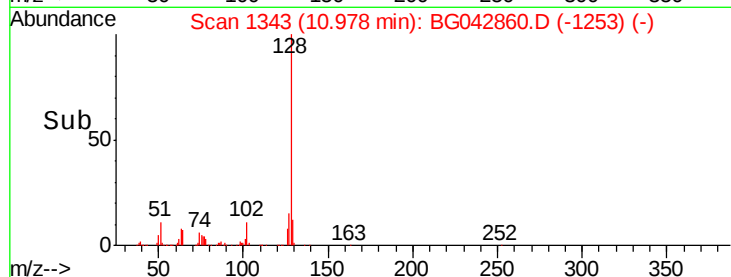
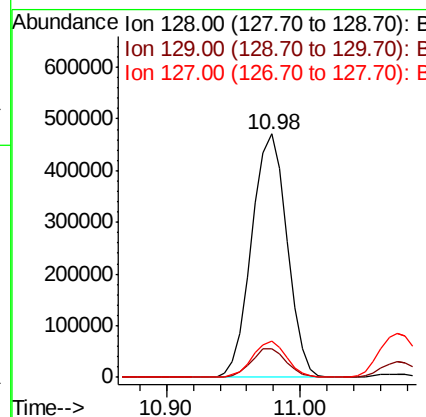
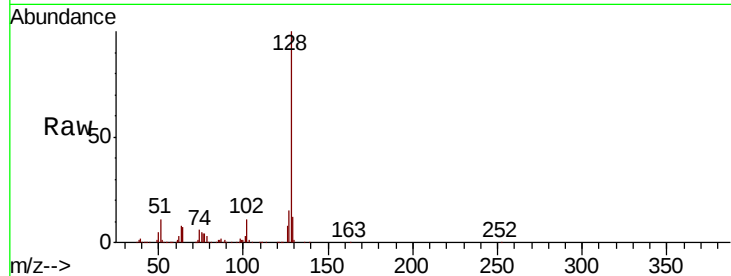
#31
Naphthalene
Concen: 40.937 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Instrument :
BNA_G
ClientSampleId :
SB-3C-(9-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	861121		
129	11.6	9.0	13.6	
127	14.7	11.4	17.2	

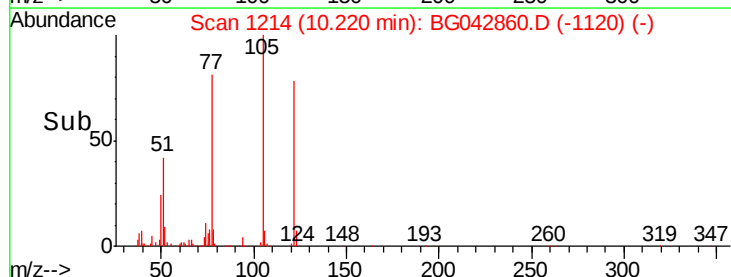
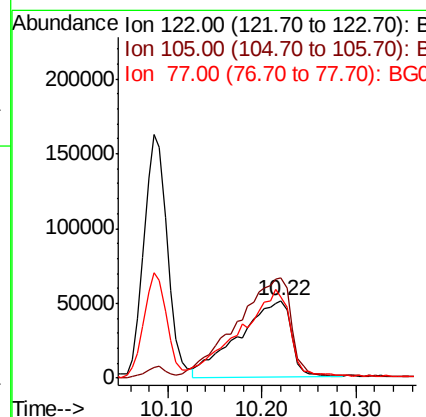
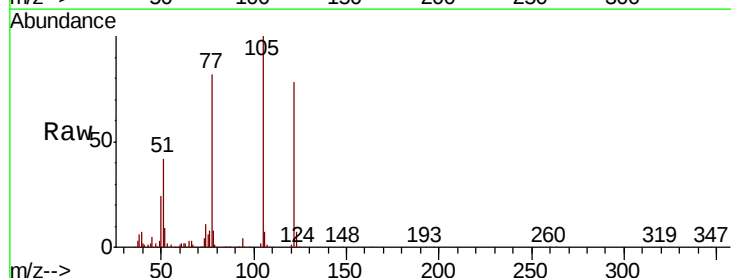
Manual Integrations
APPROVED

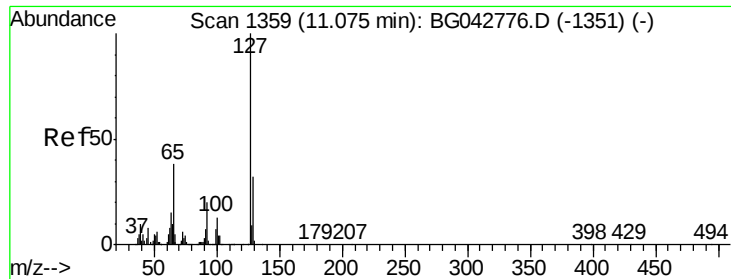
mohammad
9/17/2019 1:26:47 PM



#32
Benzoic acid
Concen: 41.736 ng
RT: 10.22 min Scan# 1214
Delta R.T. 0.02 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	197395		
105	128.5	104.0	144.0	
77	104.7	84.2	124.2	





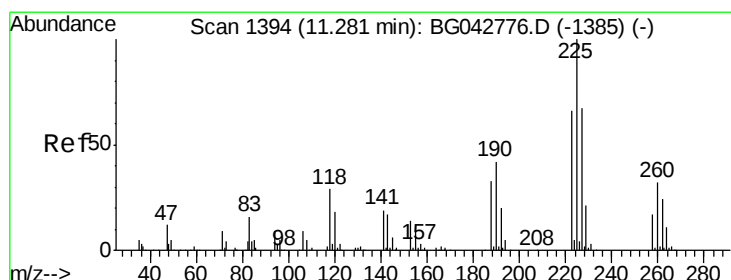
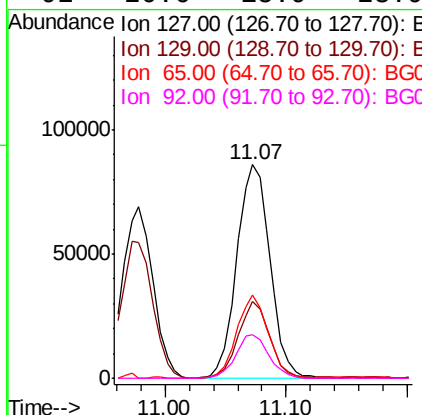
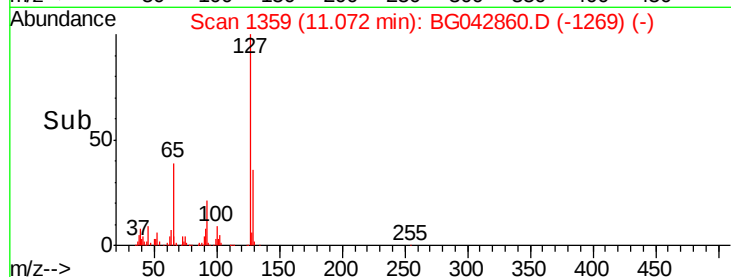
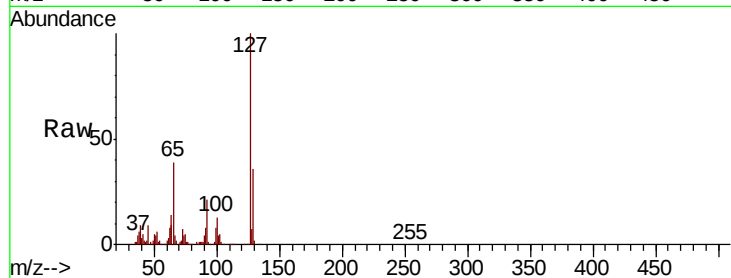
#33
4-Chloroaniline
Concen: 16.658 ng
RT: 11.07 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Instrument :
BNA_G
ClientSampleId :
SB-3C-(9-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	36.0	25.8	38.6	
65	39.0	30.5	45.7	
92	20.6	15.9	23.9	

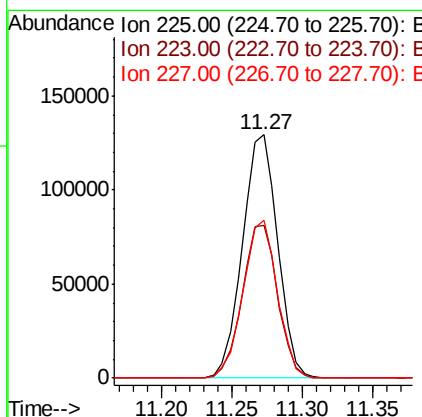
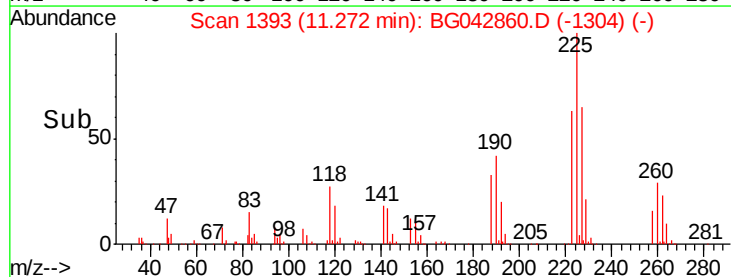
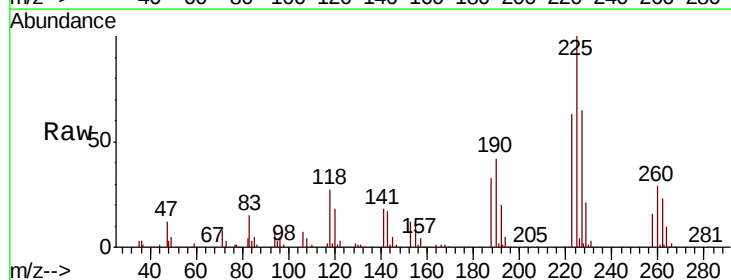
Manual Integrations
APPROVED

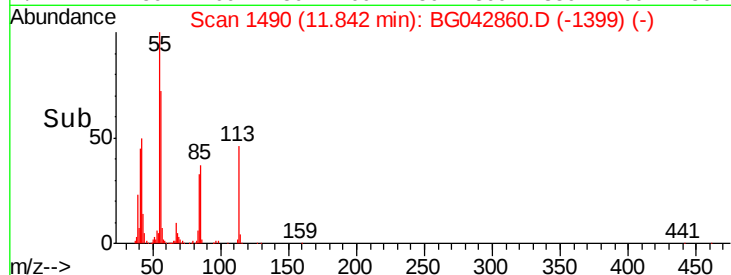
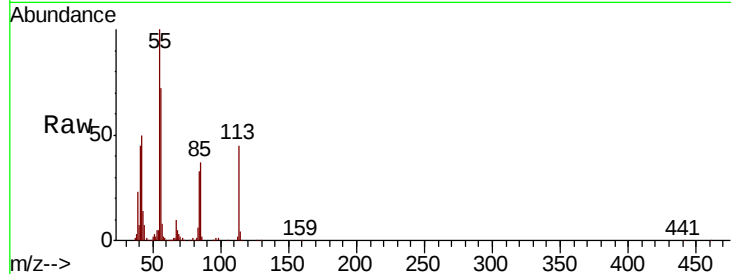
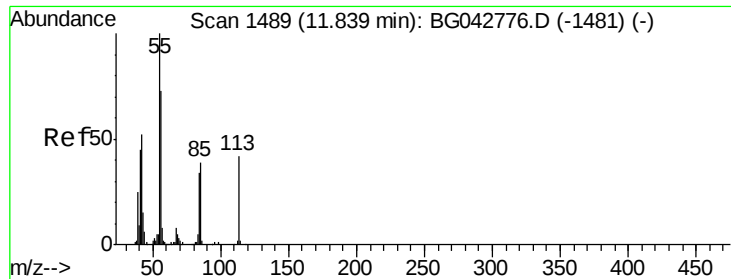
mohammad
9/17/2019 1:26:47 PM



#34
Hexachlorobutadiene
Concen: 38.121 ng
RT: 11.27 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.8	52.6	79.0	
227	64.9	53.6	80.4	





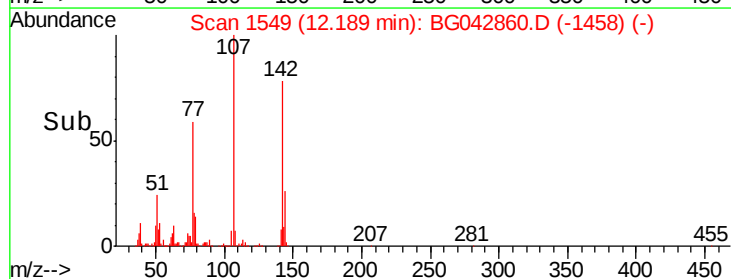
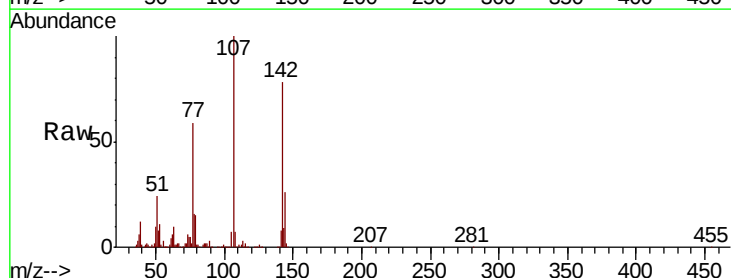
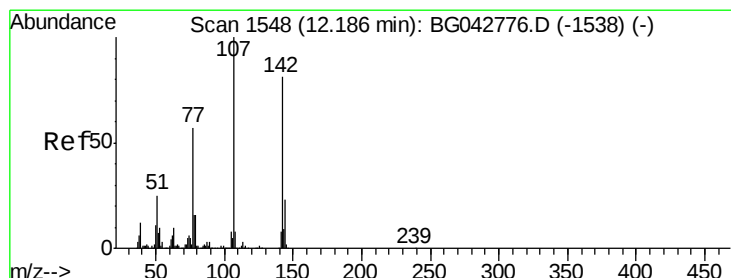
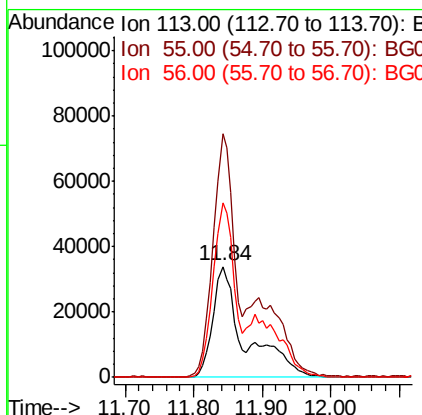
#35
Caprolactam
Concen: 42.853 ng/ml
RT: 11.84 min Scan# 1490
Delta R.T. 0.00 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Tot Ion	Ratio	Lower	Upper
113	100		
55	219.8	218.4	258.4
56	157.4	154.8	194.8

Instrument :
BNA_G
ClientSampleId :
SB-3C-(9-10)MSD

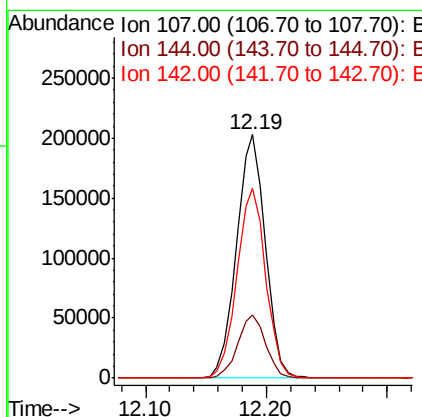
Manual Integrations
APPROVED

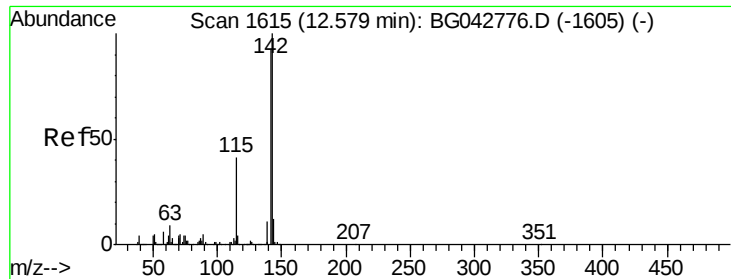
mohammad
9/17/2019 1:26:47 PM



#36
4-Chloro-3-methylphenol
Concen: 44.678 ng/ml
RT: 12.19 min Scan# 1549
Delta R.T. 0.00 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.9	18.7	28.1
142	78.0	65.0	97.4





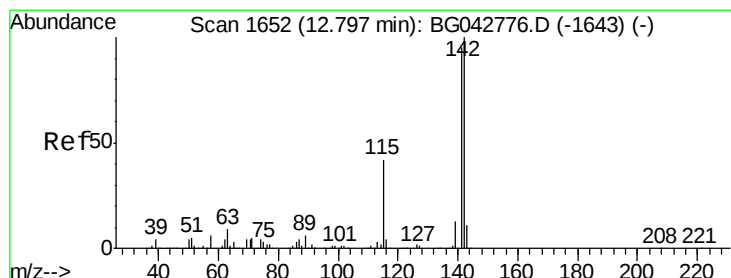
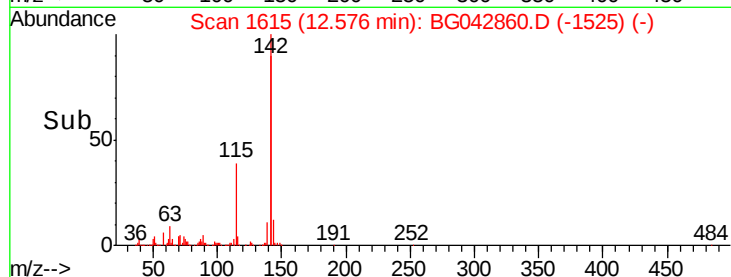
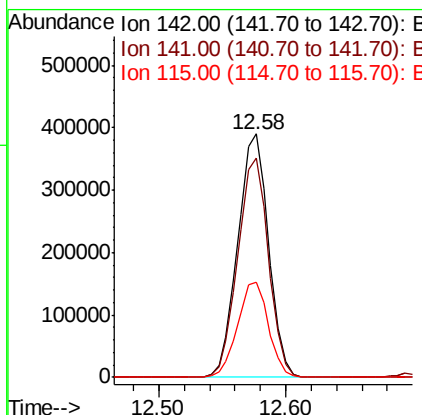
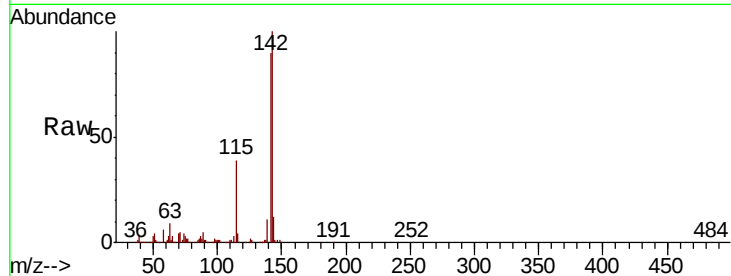
#37
2-Methylnaphthalene
Concen: 41.576 ng
RT: 12.58 min Scan# 1615
Delta R.T. -0.00 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Instrument :
BNA_G
ClientSampleId :
SB-3C-(9-10)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	73.8	110.8
115	39.3	33.0	49.4

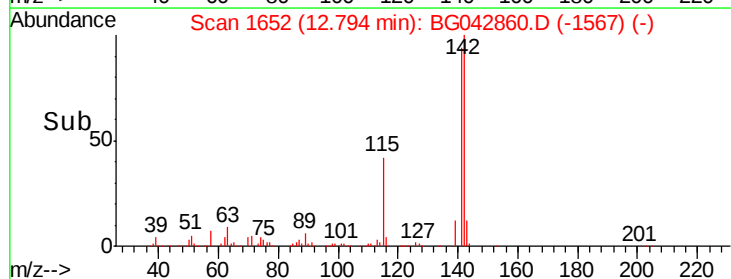
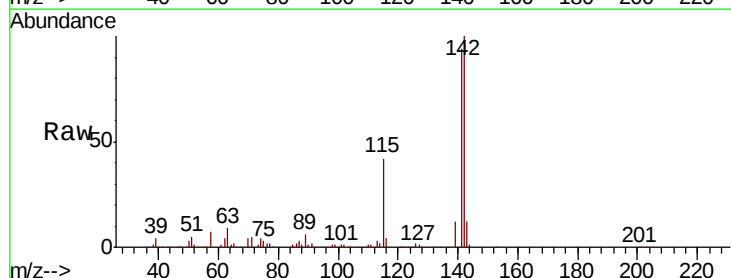
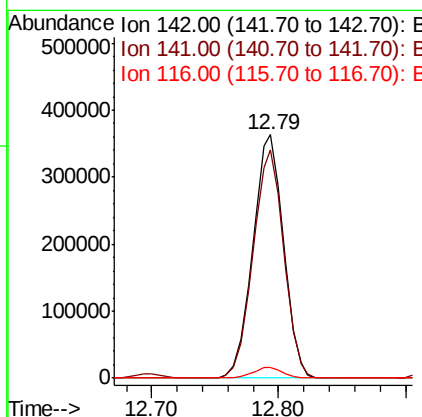
Manual Integrations
APPROVED

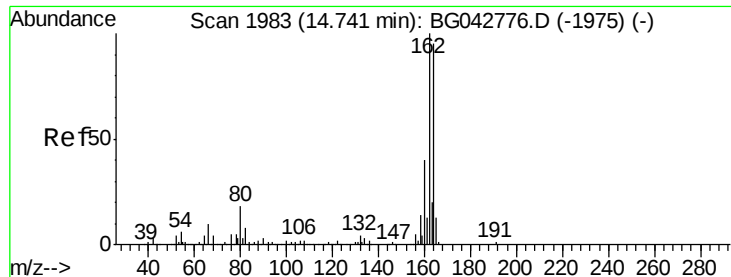
mohammad
9/17/2019 1:26:47 PM



#38
1-Methylnaphthalene
Concen: 41.367 ng
RT: 12.79 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	76.3	114.5
116	4.3	3.4	5.0





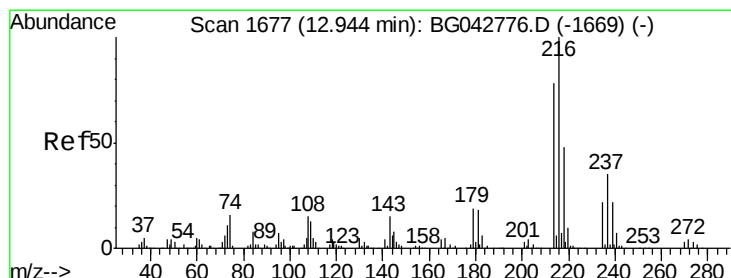
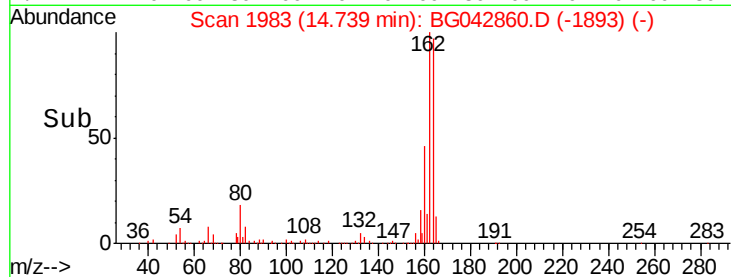
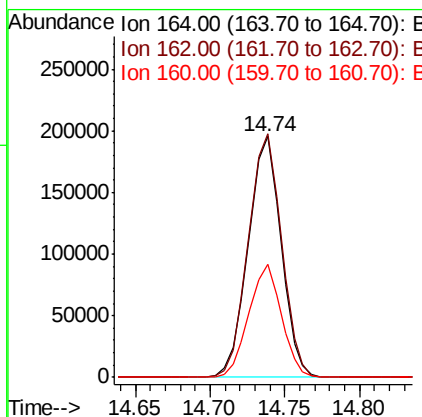
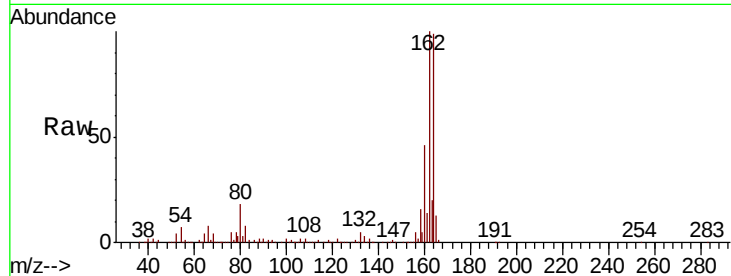
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Instrument :
BNA_G
ClientSampleId :
SB-3C-(9-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	296911		
162	101.1	84.6	126.8	
160	46.9	34.2	51.2	

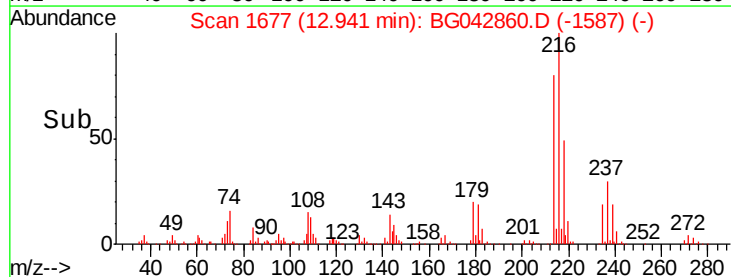
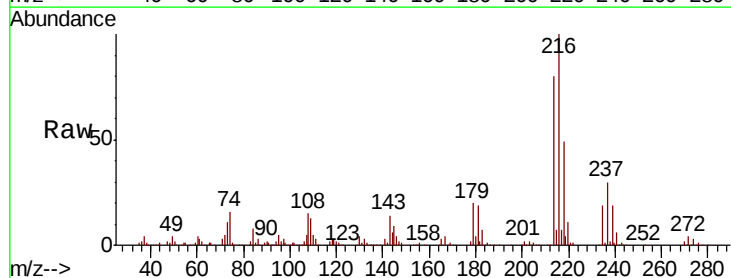
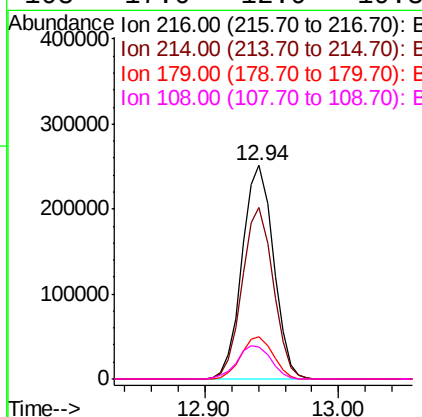
Manual Integrations
APPROVED

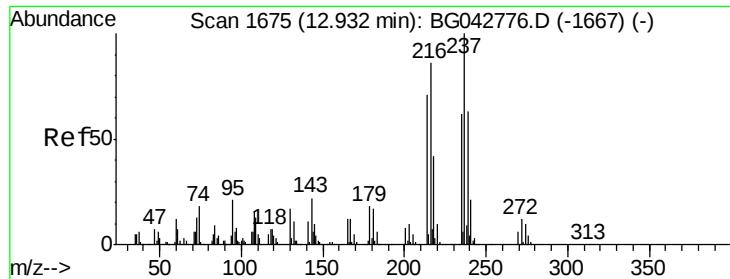
mohammad
9/17/2019 1:26:47 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.580 ng
RT: 12.94 min Scan# 1677
Delta R.T. -0.00 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	407955		
214	79.4	62.8	94.2	
179	20.1	15.3	22.9	
108	17.0	12.9	19.3	





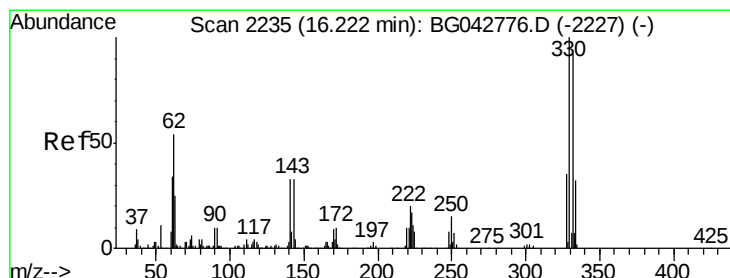
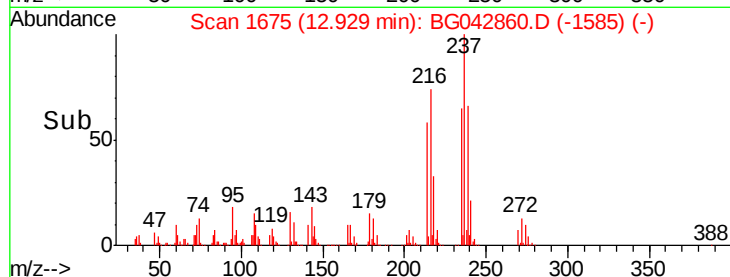
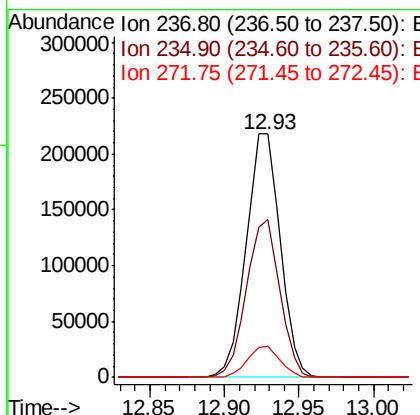
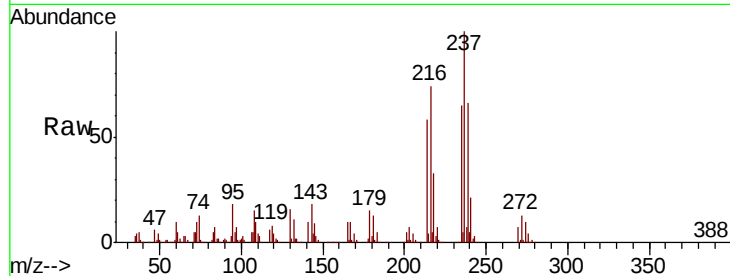
#41
Hexachlorocyclopentadiene
Concen: 60.935 ng
RT: 12.93 min Scan# 1675
Delta R.T. -0.00 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Instrument :
BNA_G
ClientSampleId :
SB-3C-(9-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	64.7	41.9	81.9	
272	12.9	0.0	31.6	

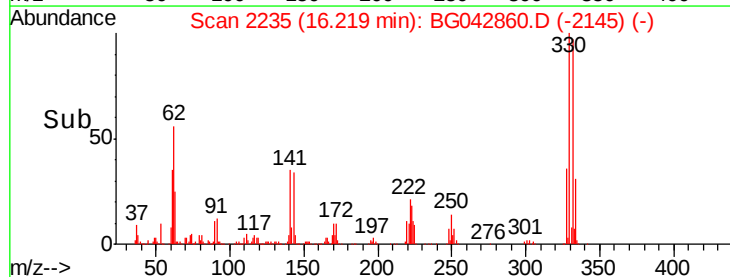
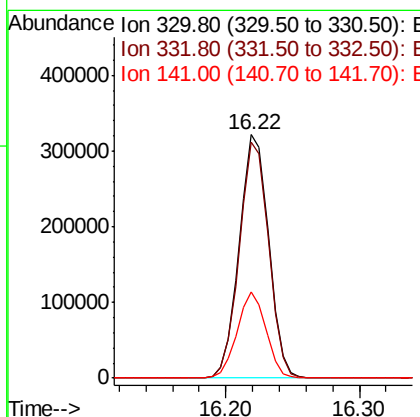
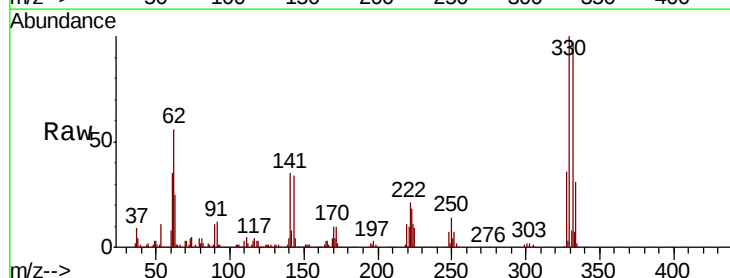
Manual Integrations
APPROVED

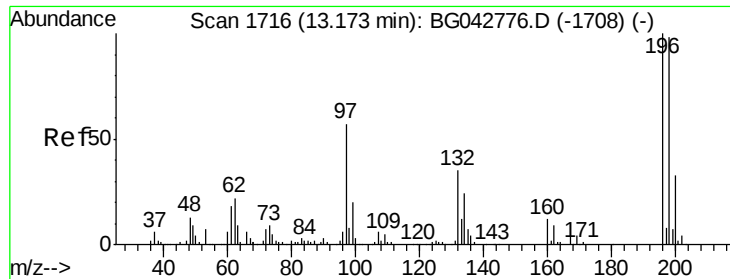
mohammad
9/17/2019 1:26:47 PM



#42
2,4,6-Tribromophenol
Concen: 123.924 ng
RT: 16.22 min Scan# 2235
Delta R.T. -0.00 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.6	76.7	115.1	
141	34.8	27.0	40.6	





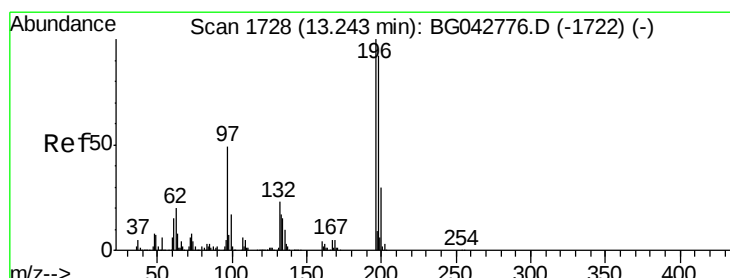
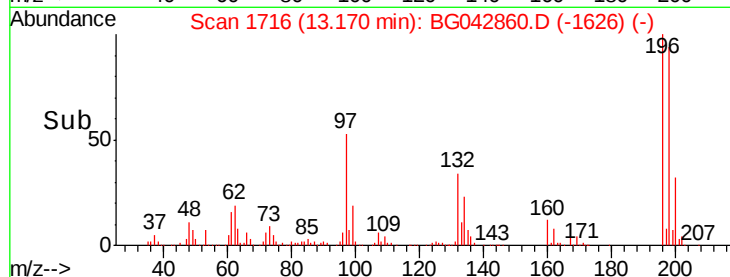
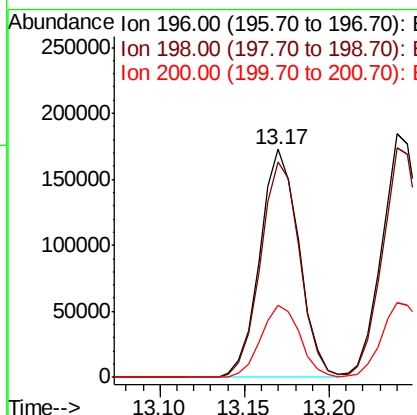
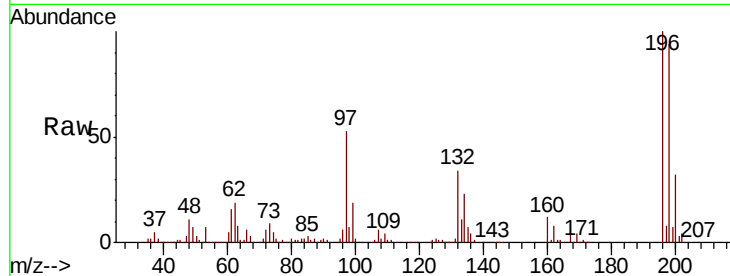
#43
 2,4,6-Trichlorophenol
 Concen: 42.473 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG042860.D
 Acq: 16 Sep 2019 22:23

Instrument :
 BNA_G
 ClientSampleId :
 SB-3C-(9-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	277432		
198	94.4	78.8	118.2	
200	31.9	26.2	39.4	

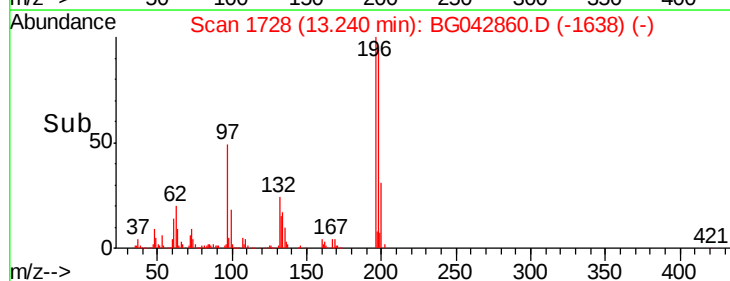
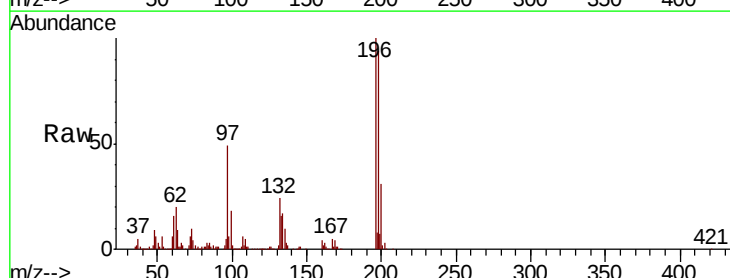
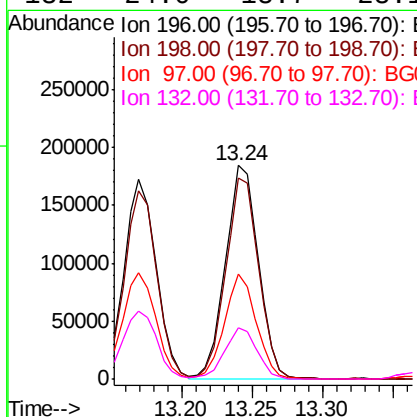
Manual Integrations
 APPROVED

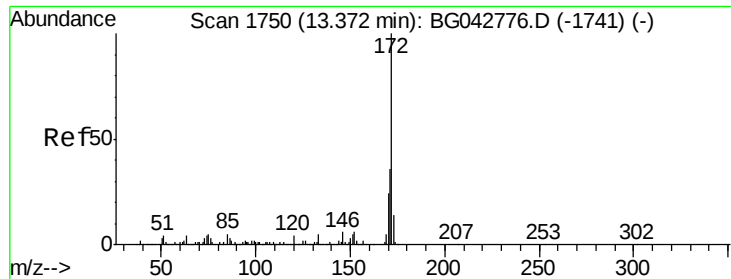
mohammad
 9/17/2019 1:26:47 PM



#44
 2,4,5-Trichlorophenol
 Concen: 44.655 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG042860.D
 Acq: 16 Sep 2019 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	298763		
198	94.2	73.4	110.0	
97	49.3	39.2	58.8	
132	24.0	18.7	28.1	





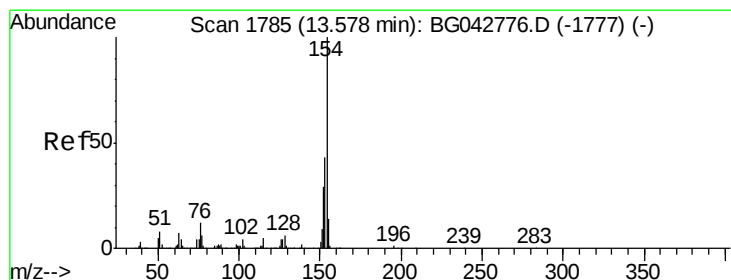
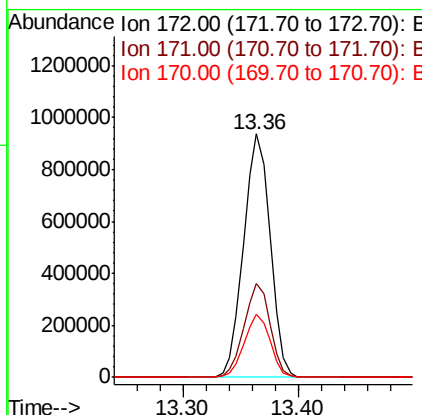
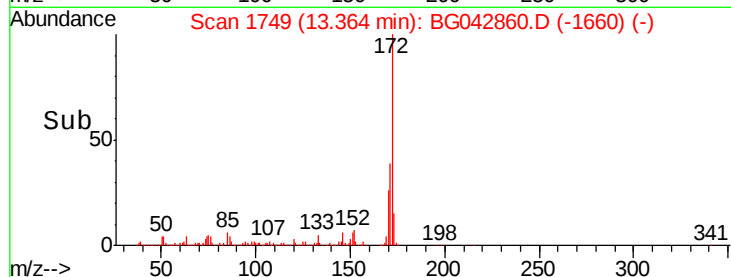
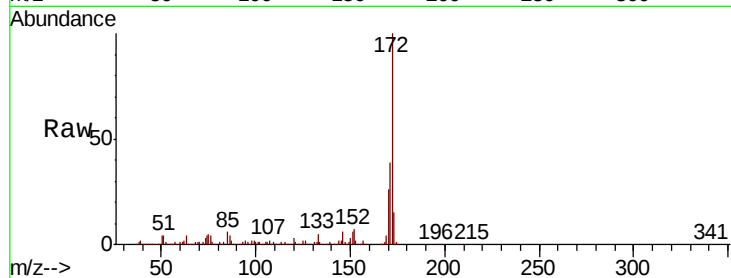
#45
2-Fluorobiphenyl
Concen: 80.006 ng
RT: 13.36 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Instrument :
BNA_G
ClientSampleId :
SB-3C-(9-10)MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.7	28.9	43.3
170	25.9	19.1	28.7

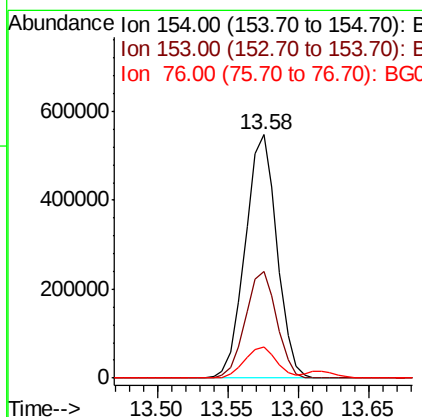
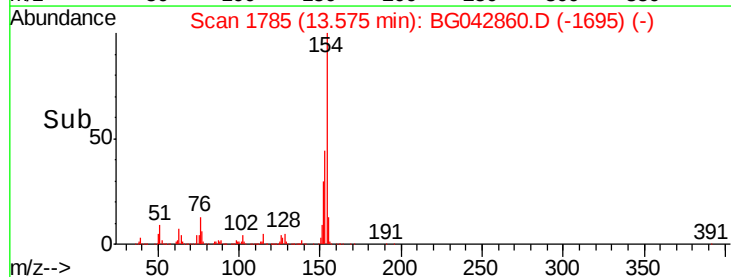
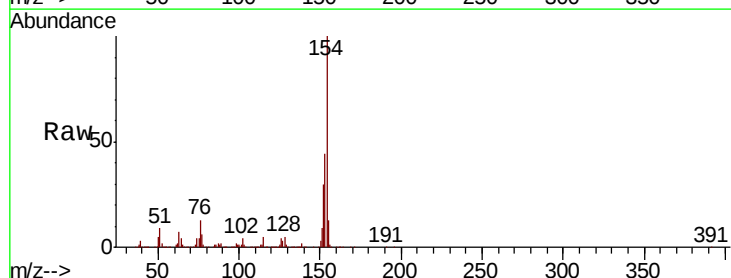
Manual Integrations
APPROVED

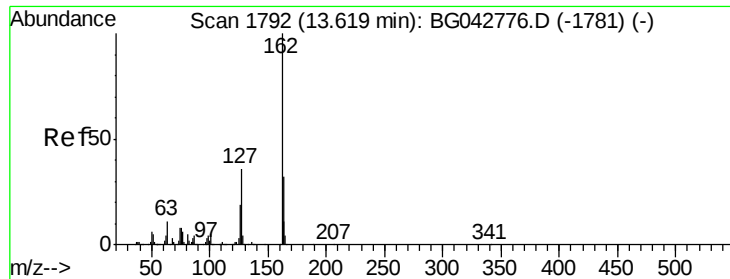
mohammad
9/17/2019 1:26:47 PM



#46
1,1'-Biphenyl
Concen: 41.371 ng
RT: 13.58 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.0	22.6	62.6
76	12.6	0.0	32.2





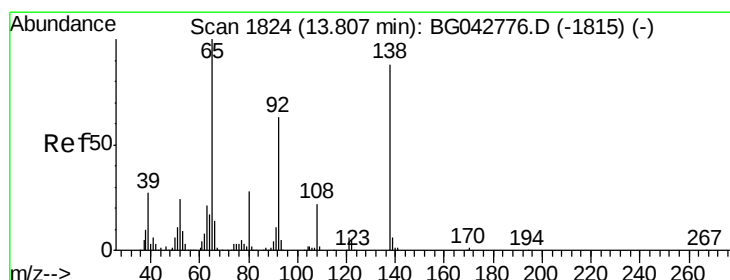
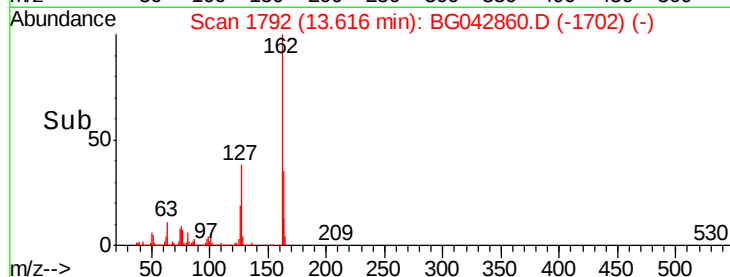
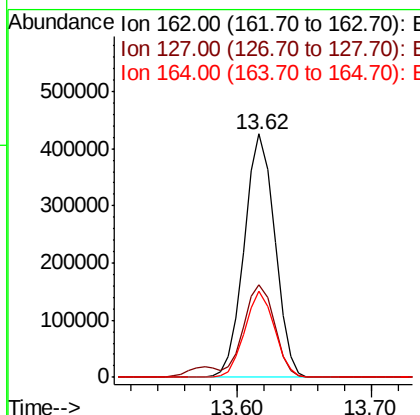
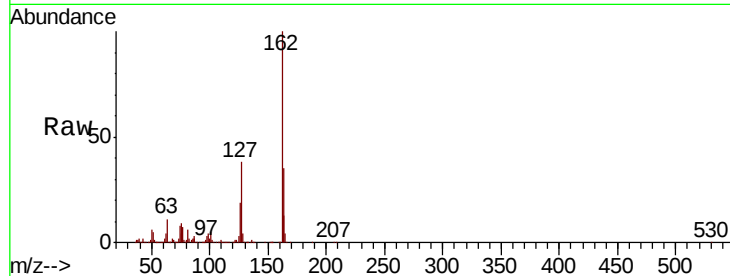
#47
2-Chloronaphthalene
Concen: 39.186 ng
RT: 13.62 min Scan# 1792
Delta R.T. -0.00 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Instrument :
BNA_G
ClientSampleId :
SB-3C-(9-10)MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.2	29.3	43.9
164	35.5	26.0	39.0

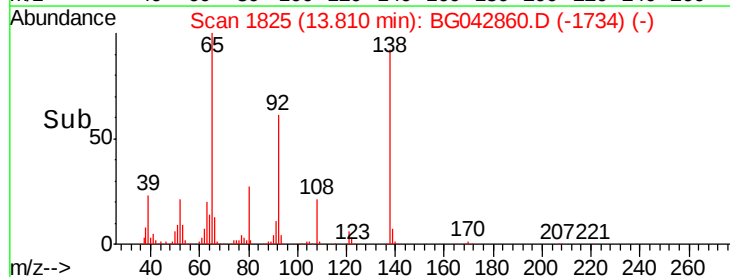
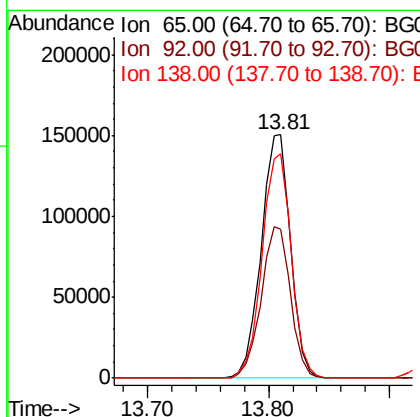
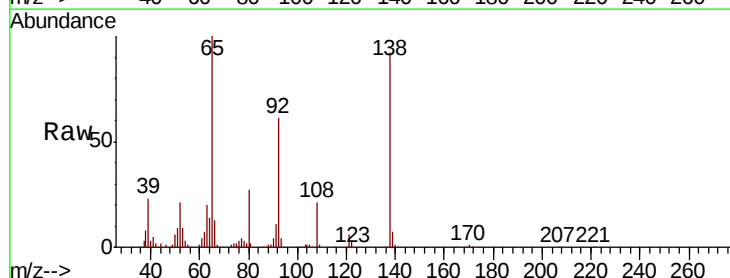
Manual Integrations
APPROVED

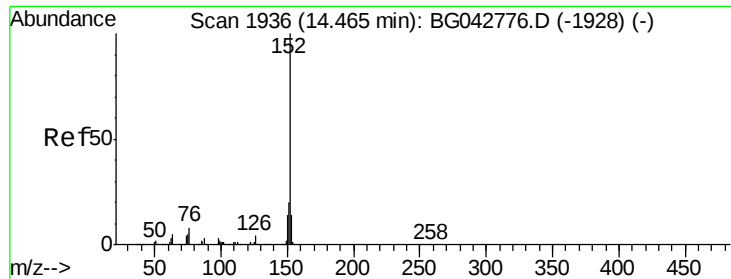
mohammad
9/17/2019 1:26:47 PM



#48
2-Nitroaniline
Concen: 42.701 ng
RT: 13.81 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.1	50.4	75.6
138	92.4	70.6	106.0





#49

Acenaphthylene

Concen: 41.146 ng

RT: 14.46 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

Instrument :

BNA_G

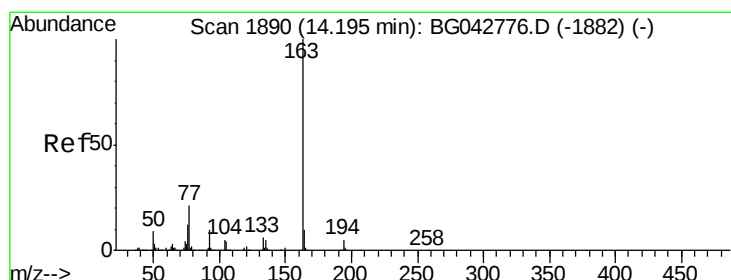
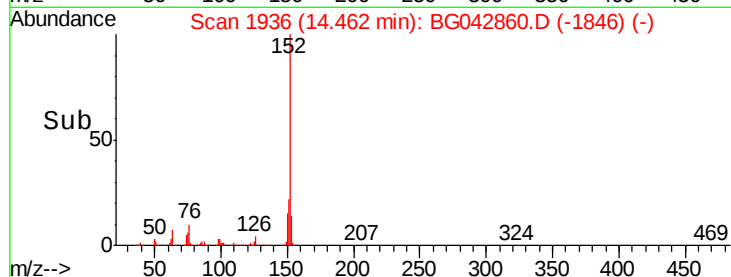
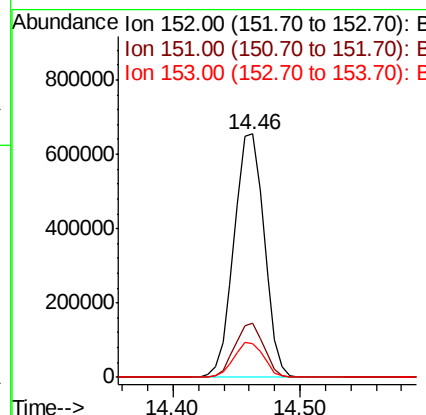
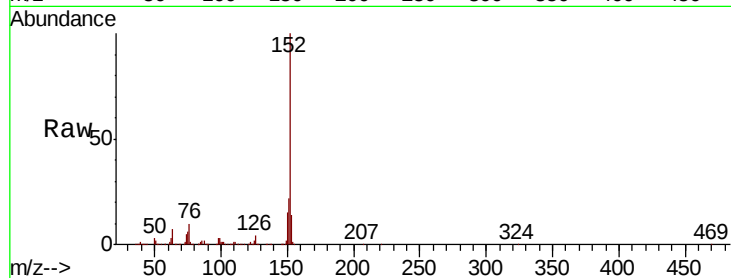
ClientSampleId :

SB-3C-(9-10)MSD

Tot Ion:	152	Resp:	1081142
Ion	Ratio	Lower	Upper
152	100		
151	22.4	16.0	24.0
153	13.7	11.4	17.0

Manual Integrations
APPROVED

mohammad
9/17/2019 1:26:47 PM



#50

Dimethylphthalate

Concen: 49.951 ng

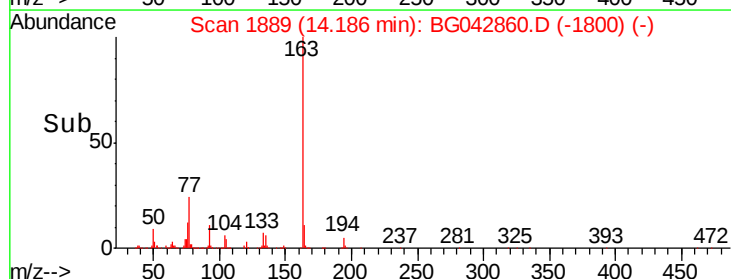
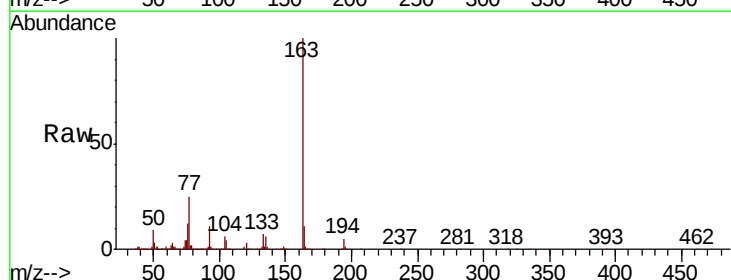
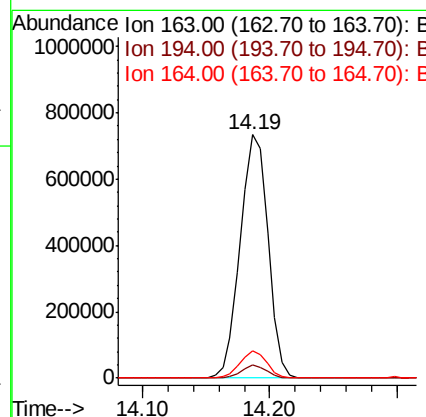
RT: 14.19 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

Tgt Ion:	163	Resp:	1111022
Ion	Ratio	Lower	Upper
163	100		
194	5.2	4.2	6.4
164	11.2	8.4	12.6





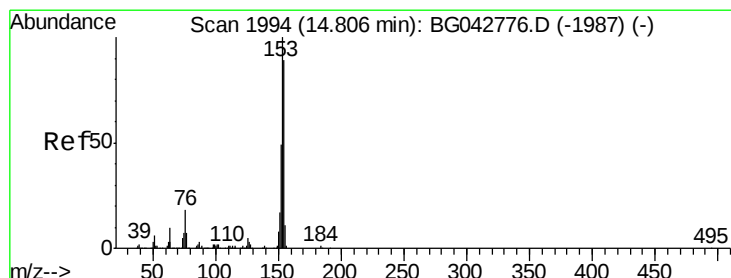
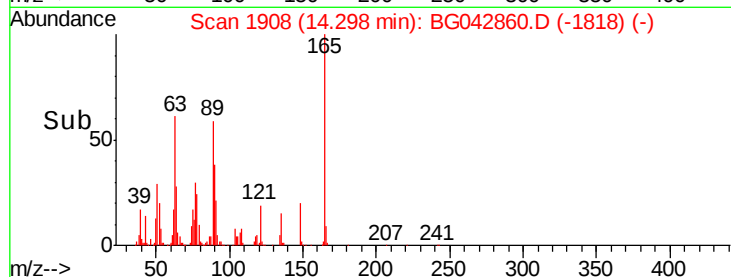
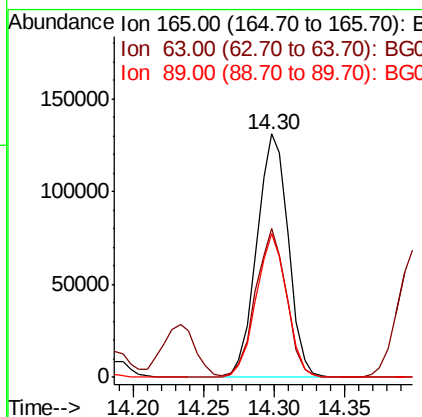
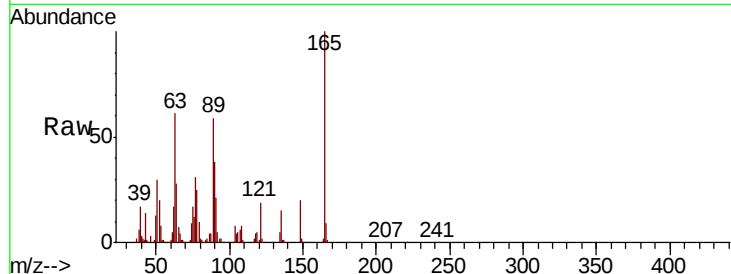
#51
2,6-Dinitrotoluene
Concen: 44.868 ng
RT: 14.30 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Instrument :
BNA_G
ClientSampleId :
SB-3C-(9-10)MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	61.3	52.1	78.1
89	58.9	51.7	77.5

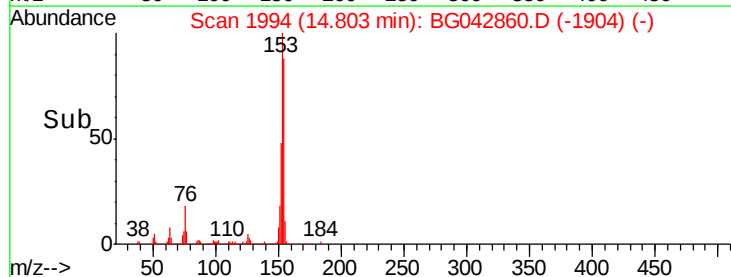
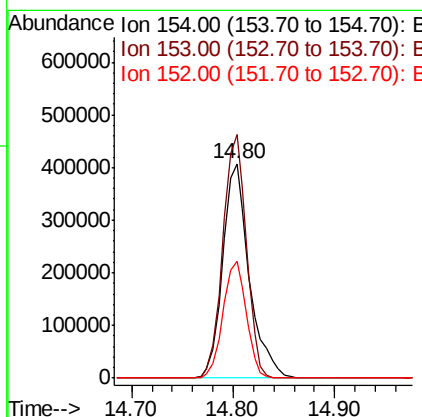
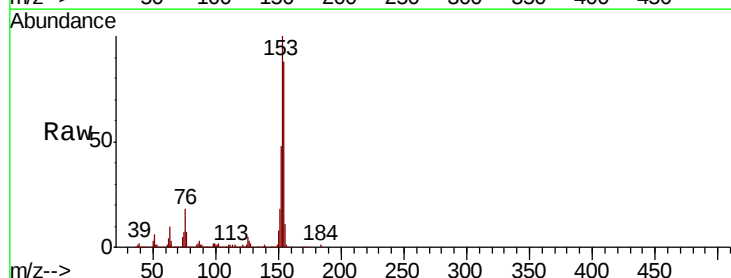
Manual Integrations
APPROVED

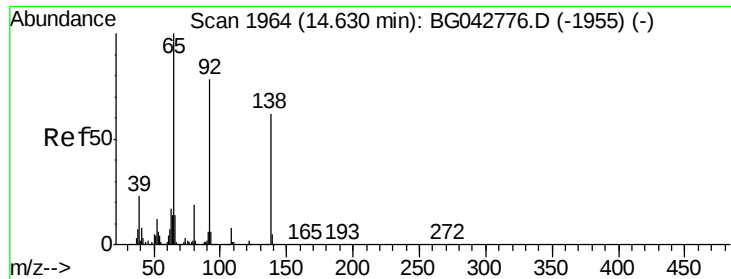
mohammad
9/17/2019 1:26:47 PM



#52
Acenaphthene
Concen: 42.976 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.7	89.4	134.2
152	54.4	43.5	65.3





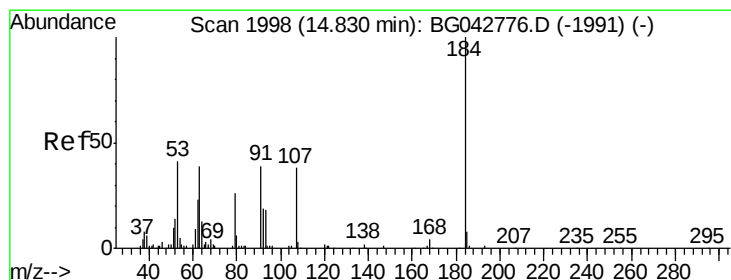
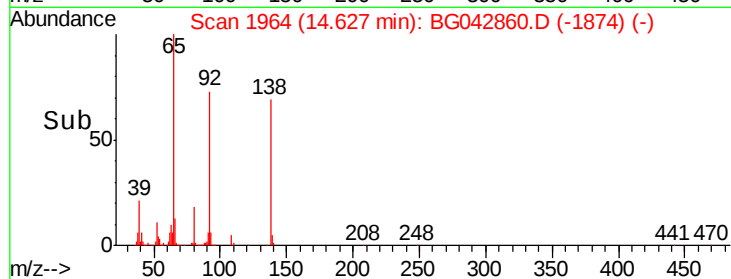
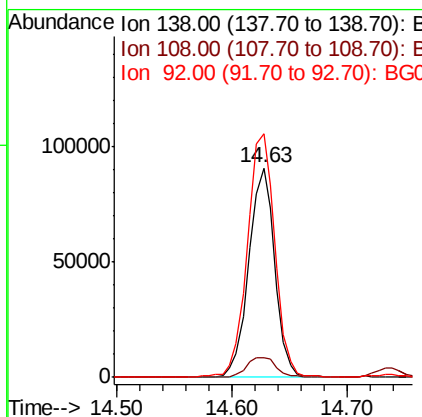
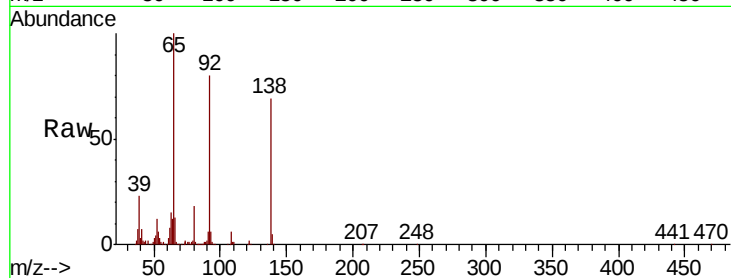
#53
 3-Nitroaniline
 Concen: 27.824 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: BG042860.D
 Acq: 16 Sep 2019 22:23

Instrument :
 BNA_G
 ClientSampleId :
 SB-3C-(9-10)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.4	10.7	16.1#
92	116.4	100.5	150.7

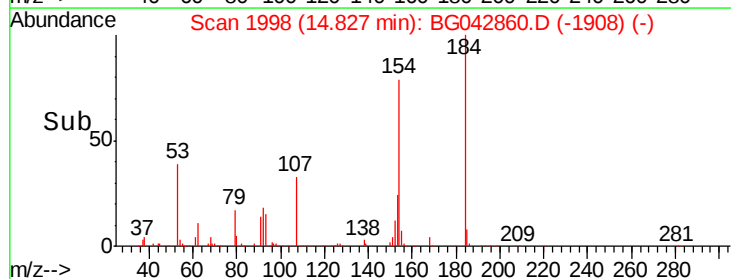
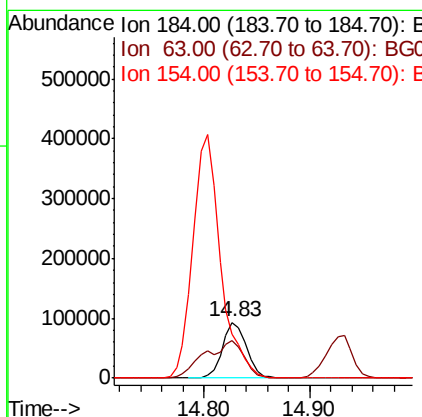
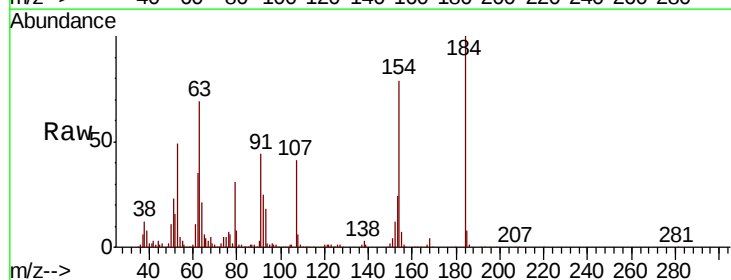
Manual Integrations
 APPROVED

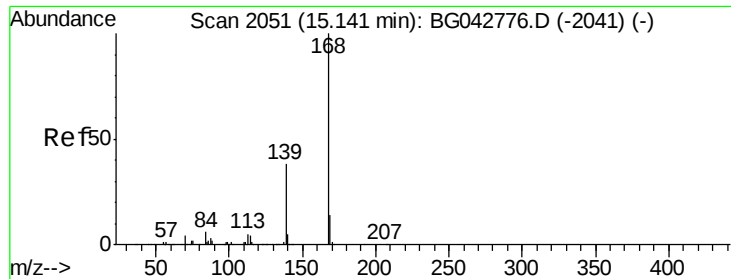
mohammad
 9/17/2019 1:26:47 PM



#54
 2,4-Dinitrophenol
 Concen: 65.085 ng
 RT: 14.83 min Scan# 1998
 Delta R.T. -0.00 min
 Lab File: BG042860.D
 Acq: 16 Sep 2019 22:23

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.6	46.2	69.4
154	78.6	81.3	121.9#





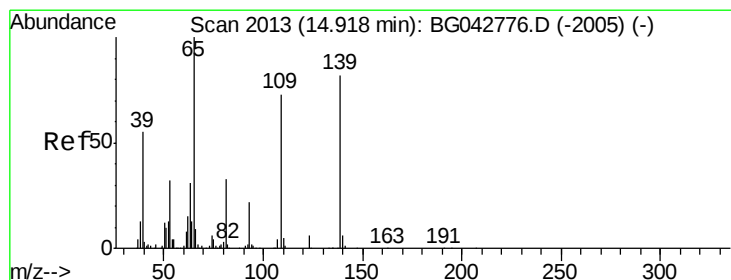
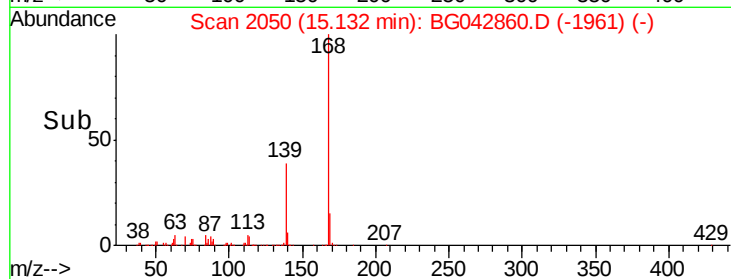
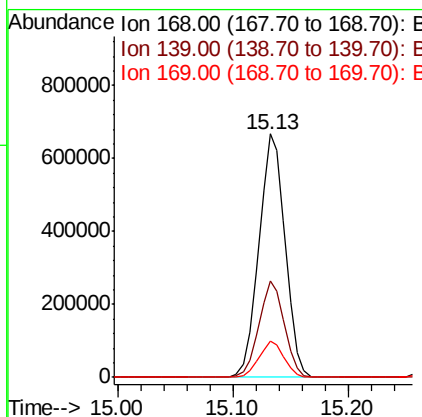
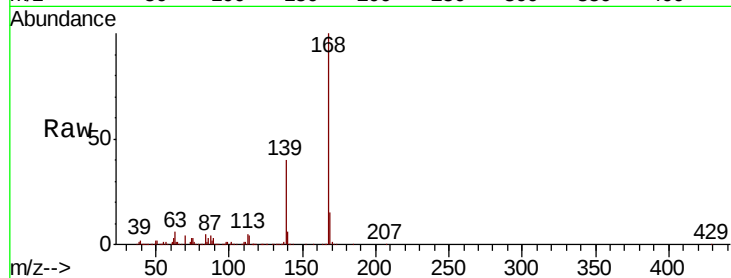
#55
Dibenzenofuran
Concen: 41.293 ng
RT: 15.13 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Instrument :
BNA_G
ClientSampleId :
SB-3C-(9-10)MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.6	30.2	45.4
169	14.8	11.2	16.8

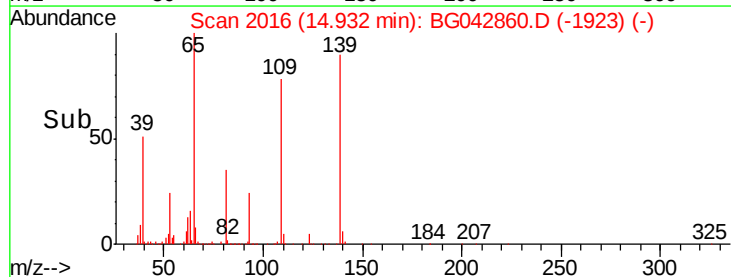
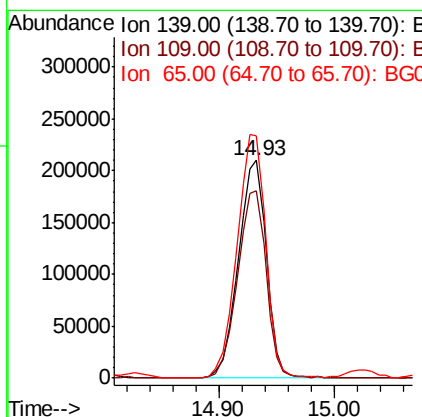
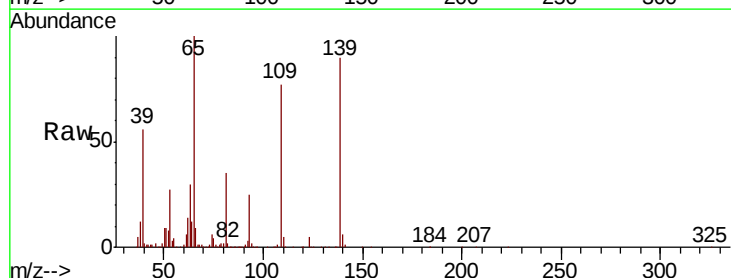
Manual Integrations
APPROVED

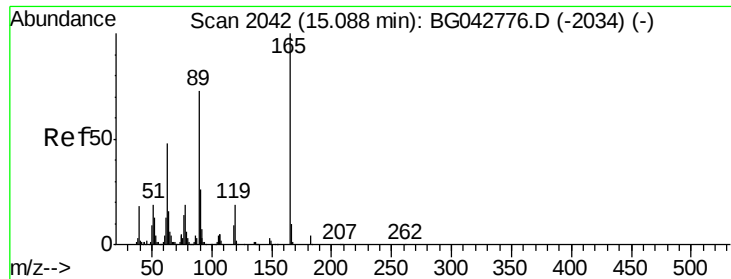
mohammad
9/17/2019 1:26:47 PM



#56
4-Nitrophenol
Concen: 89.150 ng
RT: 14.93 min Scan# 2016
Delta R.T. 0.01 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Tgt Ion	Ratio	Lower	Upper
139	100		
109	85.8	69.4	109.4
65	111.7	102.5	142.5





#57

2,4-Dinitrotoluene

Concen: 46.089 ng

RT: 15.09 min Scan# 2042

Delta R.T. -0.00 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

Instrument :

BNA_G

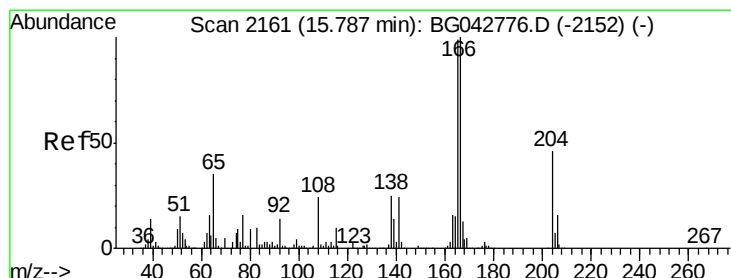
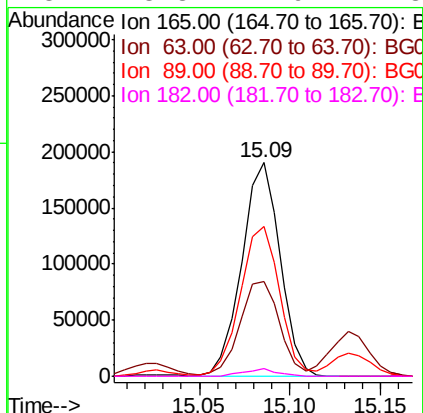
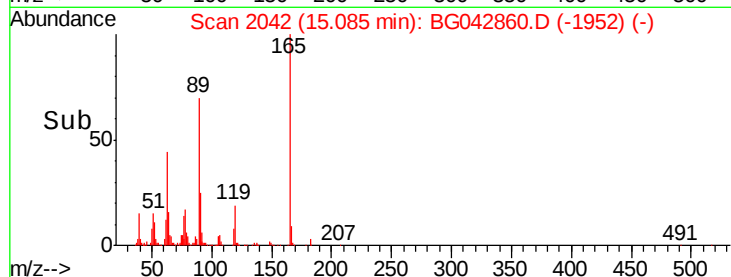
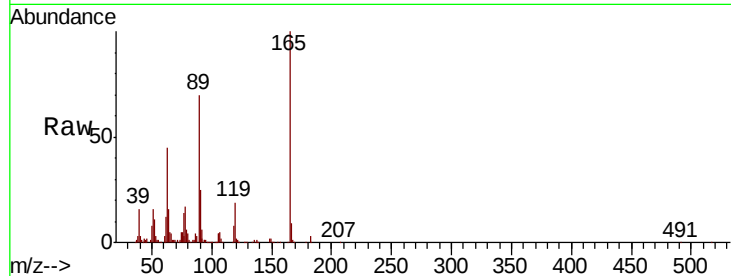
ClientSampleId :

SB-3C-(9-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	280377		
63	44.6	38.3	57.5	
89	70.1	58.4	87.6	
182	3.3	2.9	4.3	

Manual Integrations
APPROVED

mohammad
9/17/2019 1:26:47 PM



#58

Fluorene

Concen: 40.699 ng

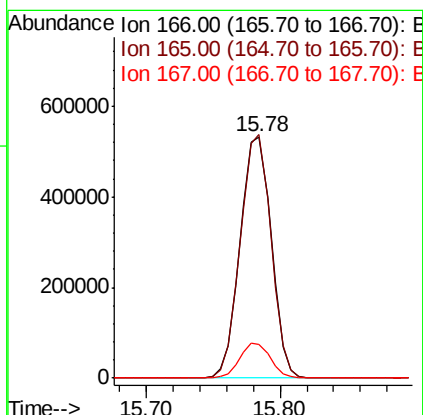
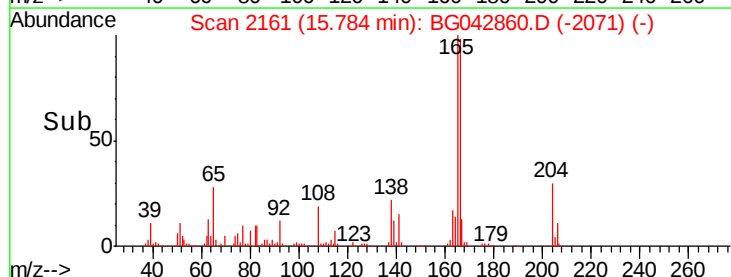
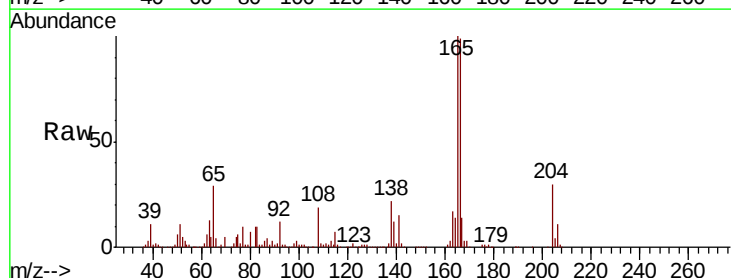
RT: 15.78 min Scan# 2161

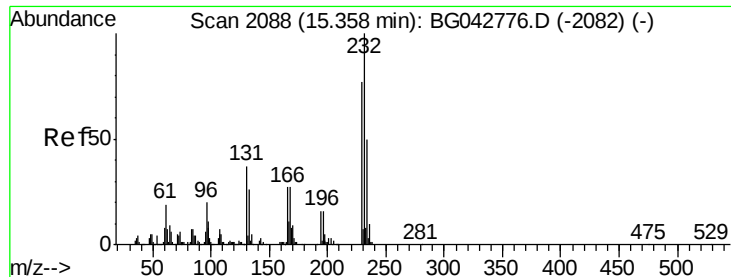
Delta R.T. -0.00 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	860638		
165	100.7	79.1	118.7	
167	13.9	10.7	16.1	





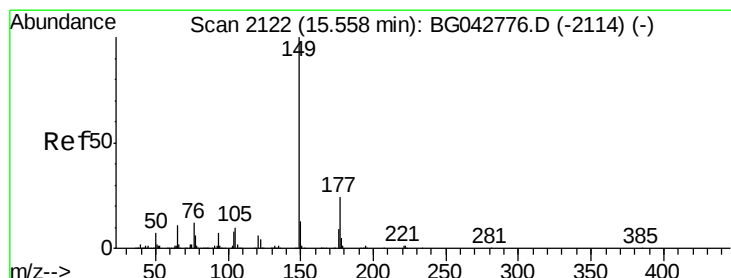
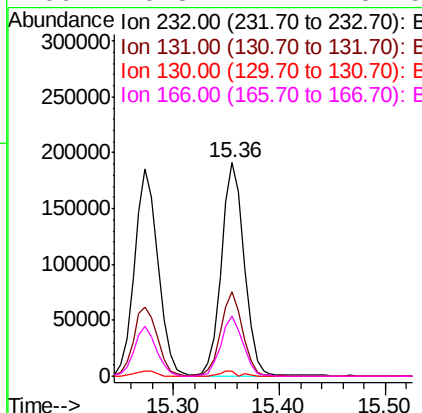
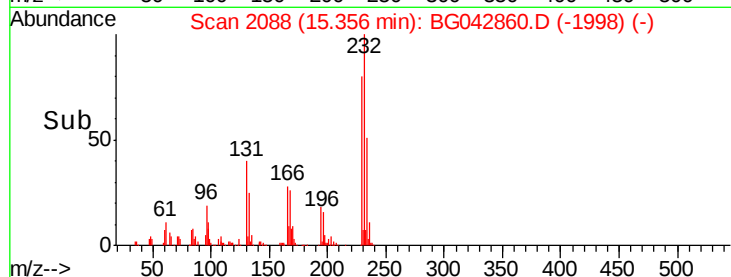
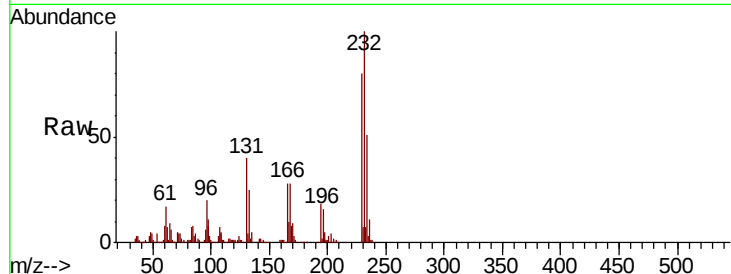
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.469 ng
 RT: 15.36 min Scan# 2088
 Delta R.T. -0.00 min
 Lab File: BG042860.D
 Acq: 16 Sep 2019 22:23

Instrument :
 BNA_G
 ClientSampleId :
 SB-3C-(9-10)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		288413		
131	37.8	31.1	46.7		
130	1.9	1.8	2.6		
166	26.8	21.7	32.5		

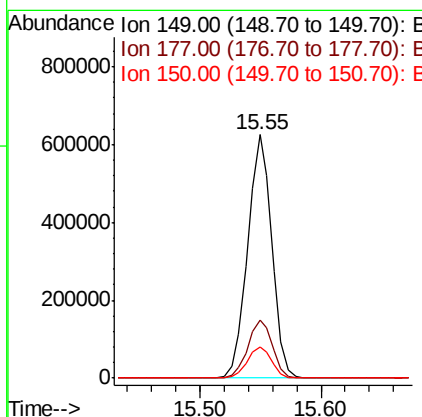
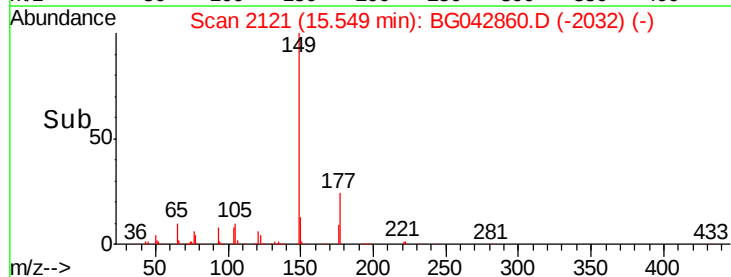
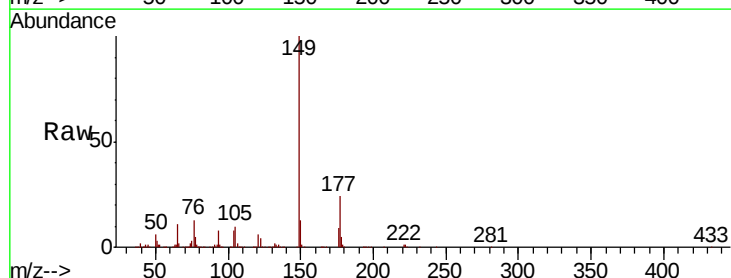
Manual Integrations
 APPROVED

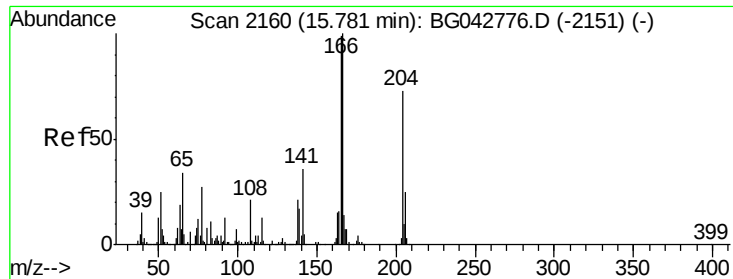
mohammad
 9/17/2019 1:26:47 PM



#60
 Diethylphthalate
 Concen: 38.531 ng
 RT: 15.55 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BG042860.D
 Acq: 16 Sep 2019 22:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		869946		
177	24.0	19.4	29.0		
150	12.7	10.2	15.4		





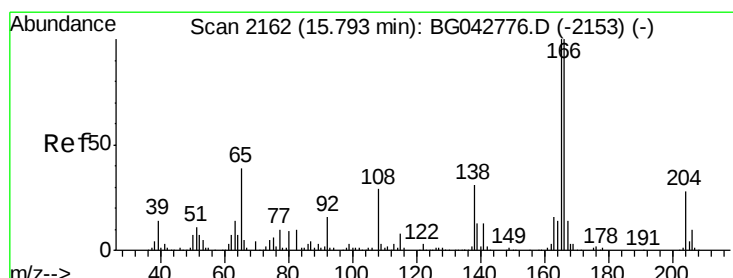
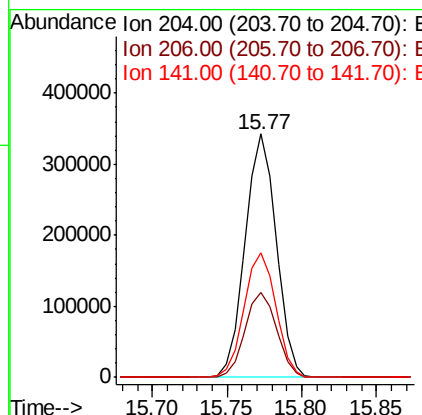
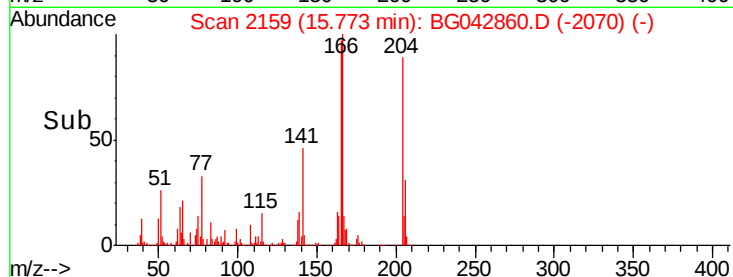
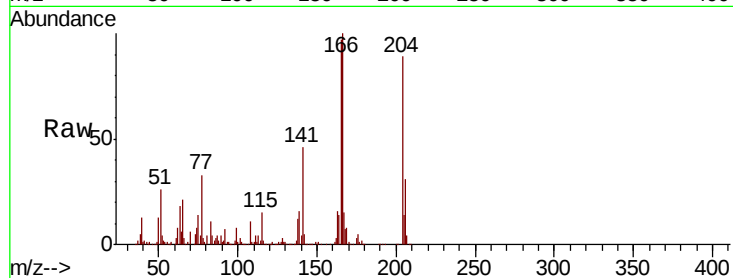
#61
4-Chlorophenyl-phenylether
Concen: 39.478 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Instrument :
BNA_G
ClientSampleId :
SB-3C-(9-10)MSD

Tot Ion:	204	Resp:	493591
Ion Ratio	Lower	Upper	
204	100		
206	34.9	27.6	41.4
141	51.3	39.8	59.6

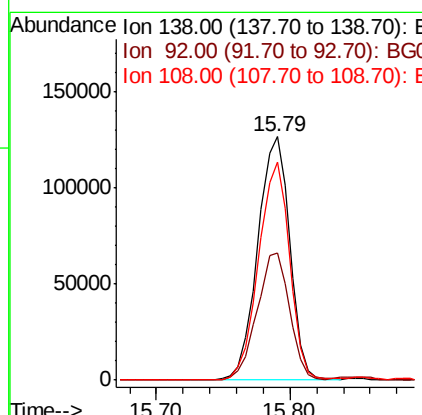
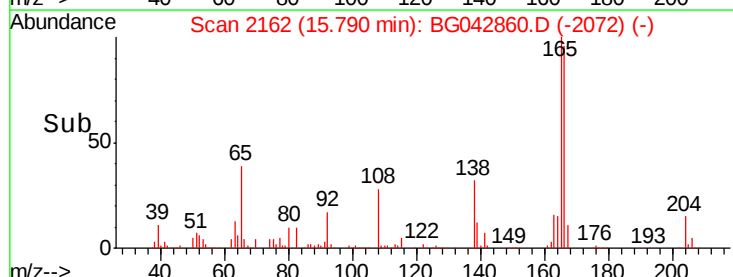
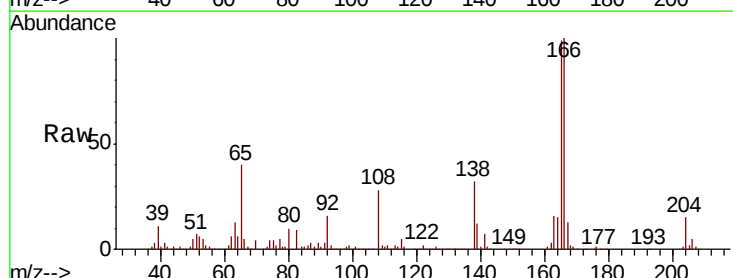
Manual Integrations
APPROVED

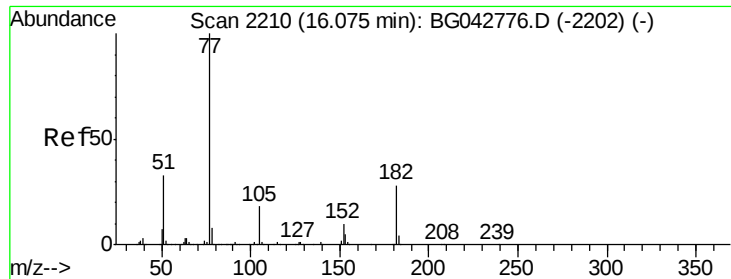
mohammad
9/17/2019 1:26:47 PM



#62
4-Nitroaniline
Concen: 37.852 ng
RT: 15.79 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Tgt Ion:	138	Resp:	208987
Ion Ratio	Lower	Upper	
138	100		
92	52.1	31.4	71.4
108	89.5	74.8	114.8





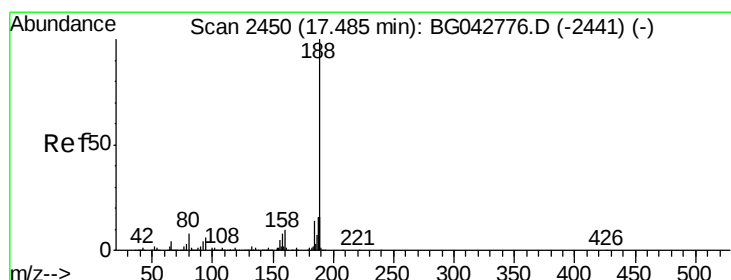
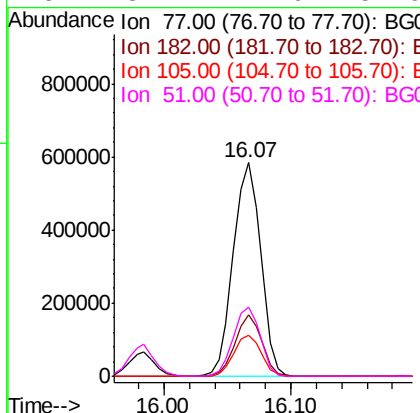
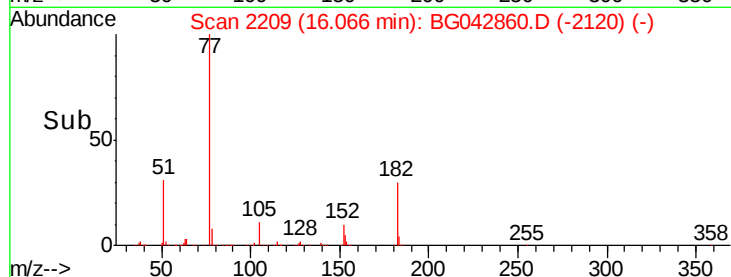
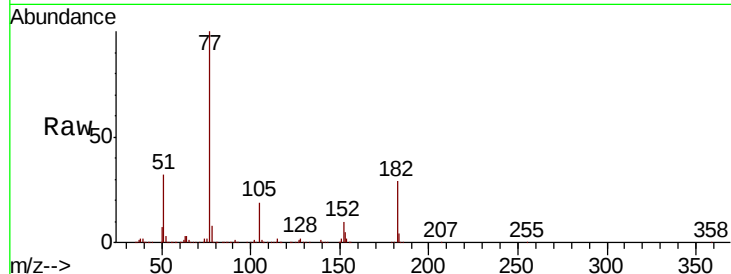
#63
Azobenzene
Concen: 40.101 ng
RT: 16.07 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Instrument :
BNA_G
ClientSampleId :
SB-3C-(9-10)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		871848		
182	28.6	8.1	48.1		
105	19.0	0.0	38.1		
51	32.1	12.9	52.9		

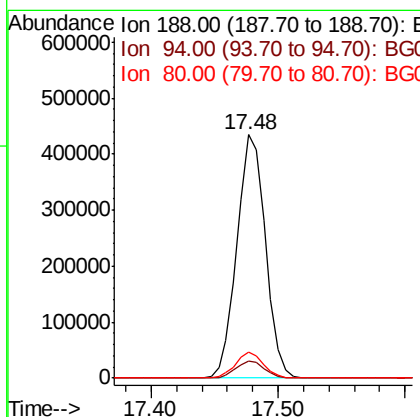
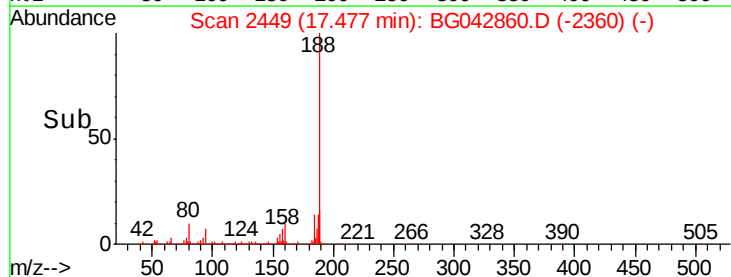
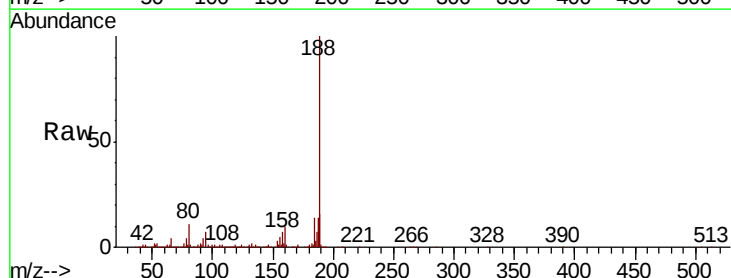
Manual Integrations
APPROVED

mohammad
9/17/2019 1:26:47 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		675214		
94	7.3	4.8	7.2#		
80	10.6	6.6	9.8#		





#65

4,6-Dinitro-2-methylphenol

Concen: 44.268 ng

RT: 15.85 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

Instrument :

BNA_G

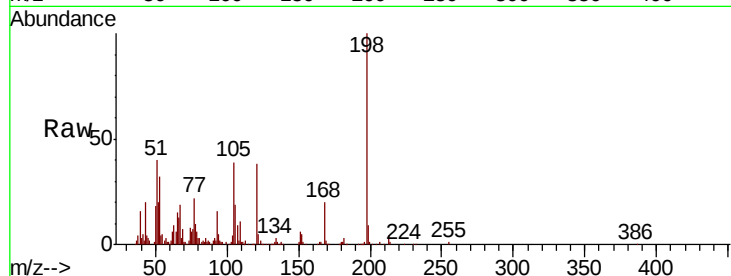
ClientSampleId :

SB-3C-(9-10)MSD

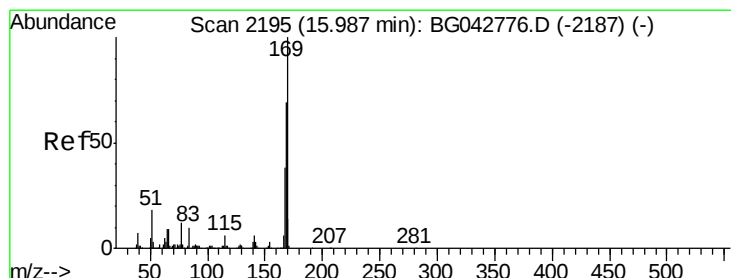
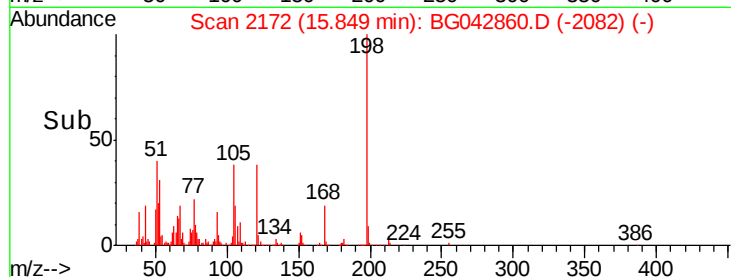
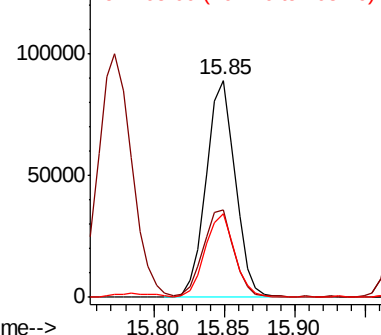
Tot Ion:	198	Resp:	127896
Ion Ratio	Lower	Upper	
198	100		
51	40.1	20.9	60.9
105	38.6	16.4	56.4

Manual Integrations
APPROVED

mohammad
9/17/2019 1:26:47 PM



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.201 ng

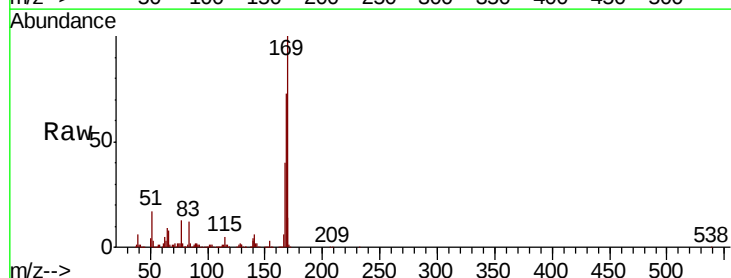
RT: 15.98 min Scan# 2195

Delta R.T. -0.00 min

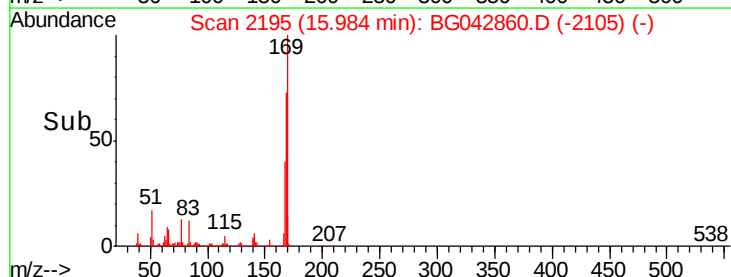
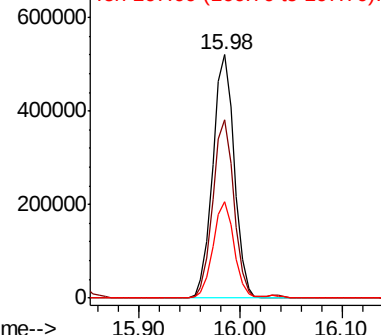
Lab File: BG042860.D

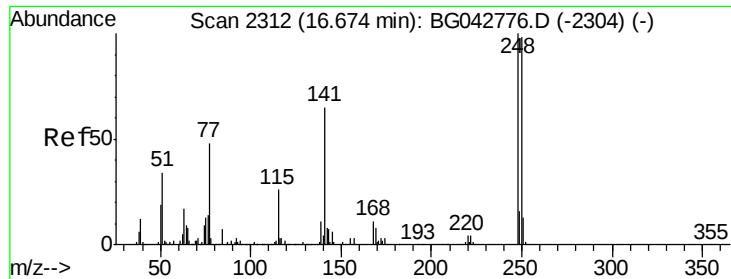
Acq: 16 Sep 2019 22:23

Tgt Ion:	169	Resp:	766776
Ion Ratio	Lower	Upper	
169	100		
168	73.1	55.4	83.2
167	39.5	30.4	45.6



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





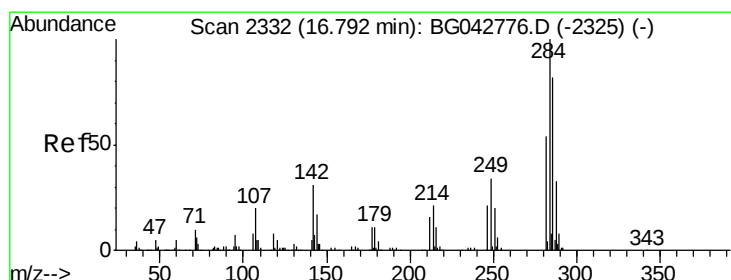
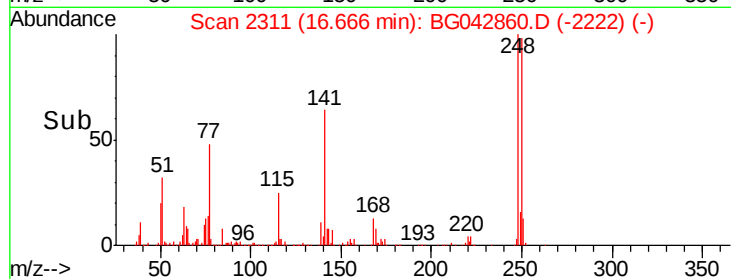
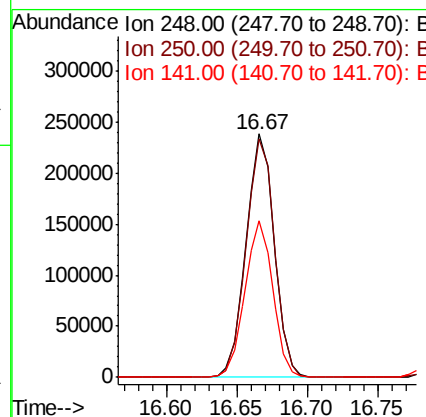
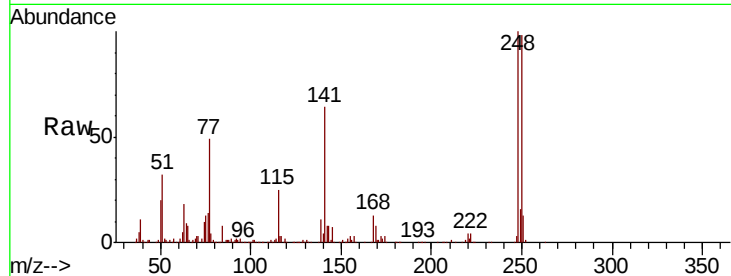
#67
4-Bromophenyl-phenylether
Concen: 40.783 ng
RT: 16.67 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Instrument :
BNA_G
ClientSampleId :
SB-3C-(9-10)MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	78.0	117.0
141	64.1	51.8	77.6

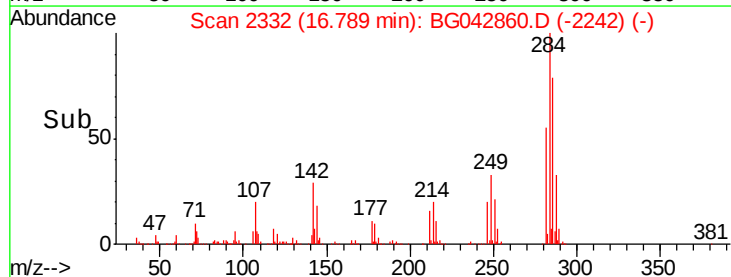
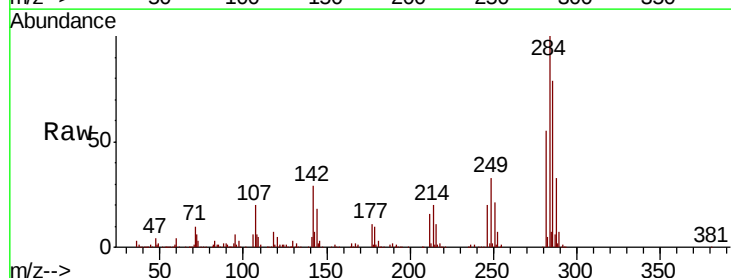
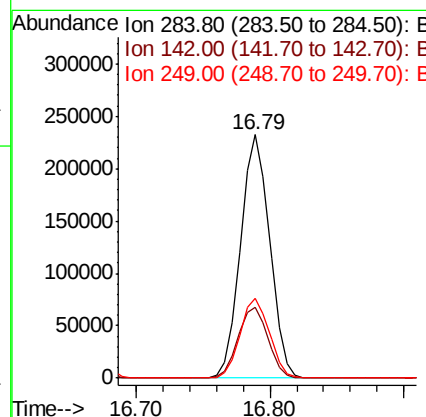
Manual Integrations
APPROVED

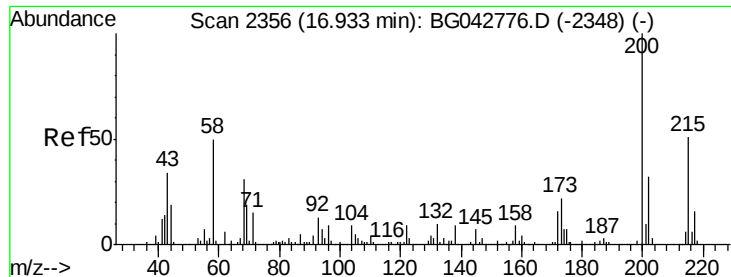
mohammad
9/17/2019 1:26:47 PM



#68
Hexachlorobenzene
Concen: 40.183 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.00 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.0	24.7	37.1
249	32.7	27.0	40.4





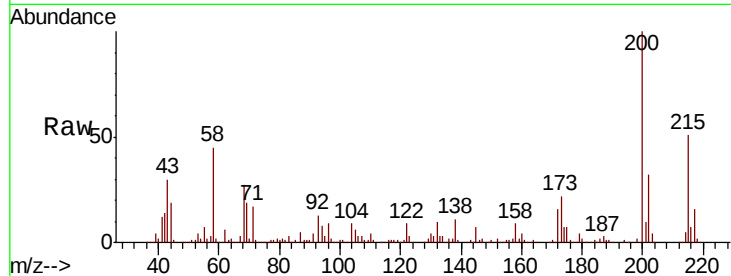
#69
 Atrazine
 Concen: 47.188 ng
 RT: 16.93 min Scan# 2356
 Delta R.T. -0.00 min
 Lab File: BG042860.D
 Acq: 16 Sep 2019 22:23

Instrument :
 BNA_G
 ClientSampleId :
 SB-3C-(9-10)MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	22.5	2.5	42.5
215	50.8	31.0	71.0

Manual Integrations
 APPROVED

mohammad
 9/17/2019 1:26:47 PM

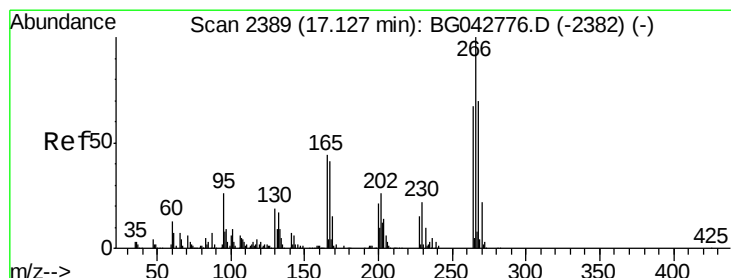
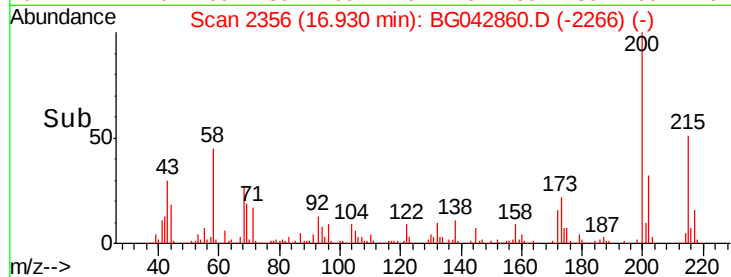
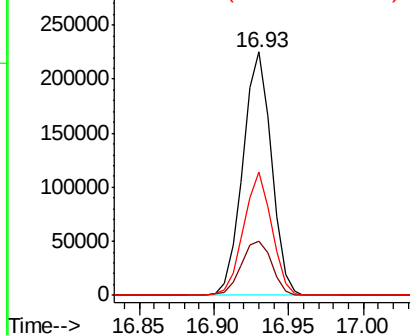


Abundance

Ion 200.00 (199.70 to 200.70): E

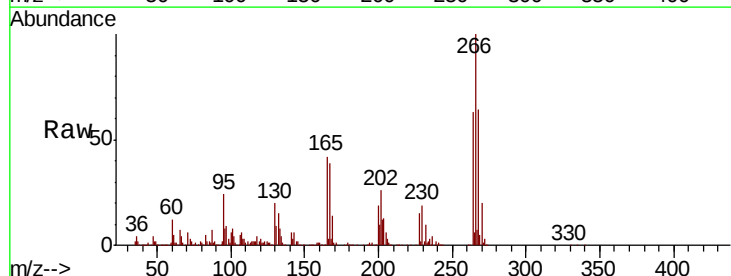
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 89.703 ng
 RT: 17.12 min Scan# 2389
 Delta R.T. -0.00 min
 Lab File: BG042860.D
 Acq: 16 Sep 2019 22:23

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.0	56.2	84.4
264	63.3	53.4	80.2

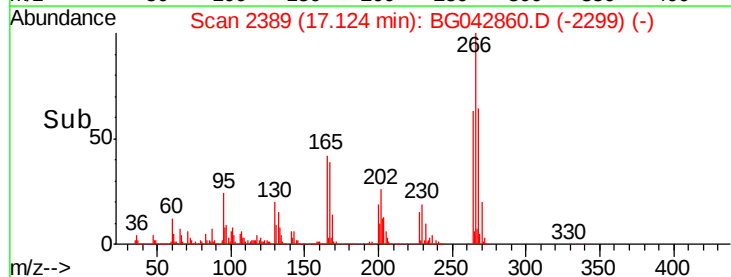
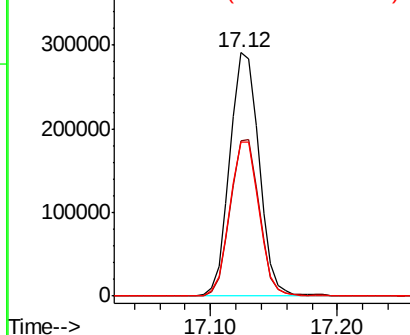


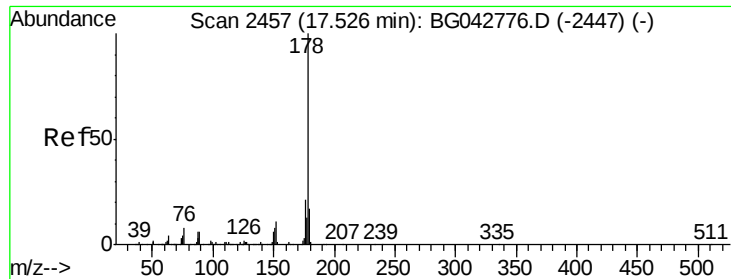
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





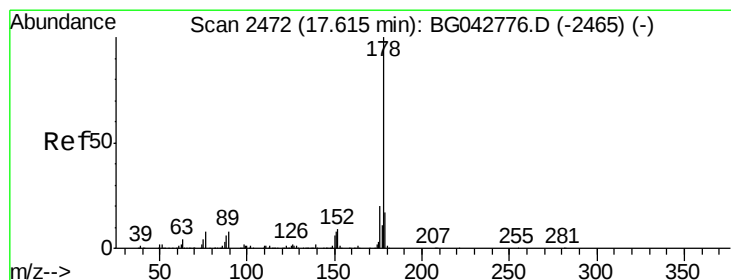
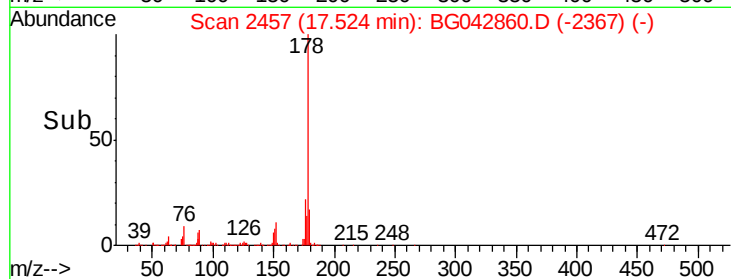
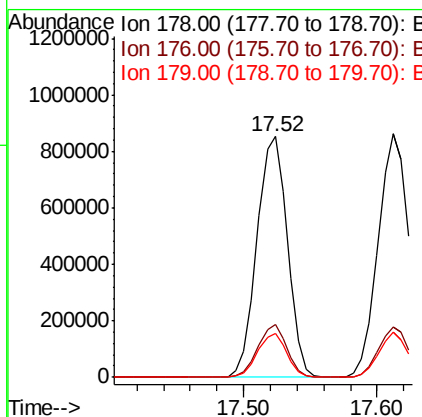
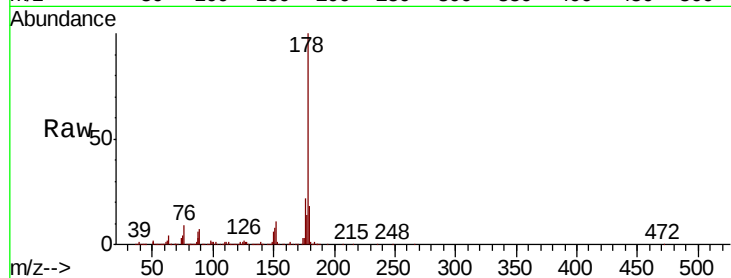
#71
Phenanthrene
Concen: 41.499 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.00 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Instrument :
BNA_G
ClientSampleId :
SB-3C-(9-10)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	22.0	17.0	25.4
179	18.1	13.6	20.4

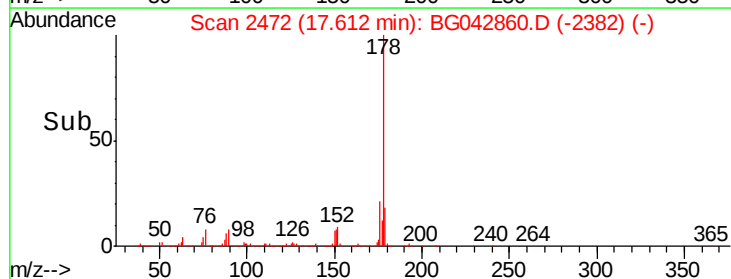
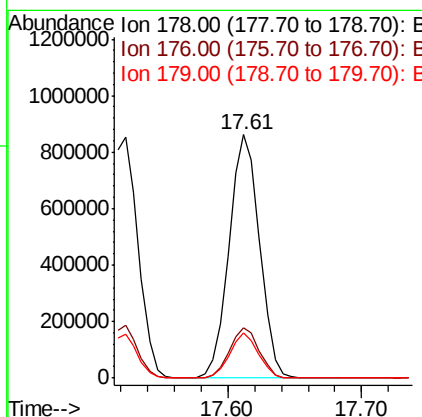
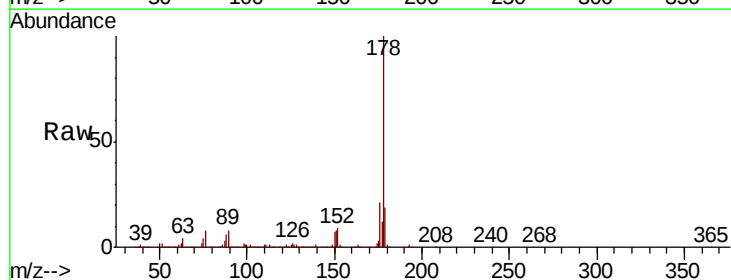
Manual Integrations
APPROVED

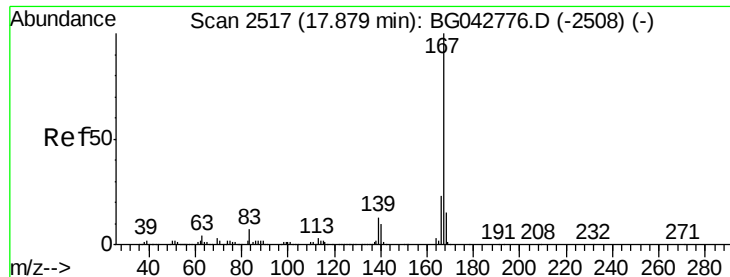
mohammad
9/17/2019 1:26:47 PM



#72
Anthracene
Concen: 42.347 ng
RT: 17.61 min Scan# 2472
Delta R.T. -0.00 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.2	24.4
179	18.5	13.6	20.4





#73

Carbazole

Concen: 41.811 ng

RT: 17.88 min Scan# 2517

Delta R.T. -0.00 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

Instrument :

BNA_G

ClientSampleId :

SB-3C-(9-10)MSD

Tot Ion:167 Resp: 1282029

Ion Ratio Lower Upper

167 100

166 24.8 18.3 27.5

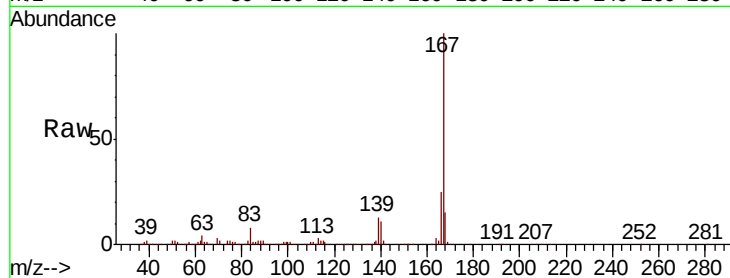
139 13.2 10.2 15.4

Manual Integrations

APPROVED

mohammad

9/17/2019 1:26:47 PM

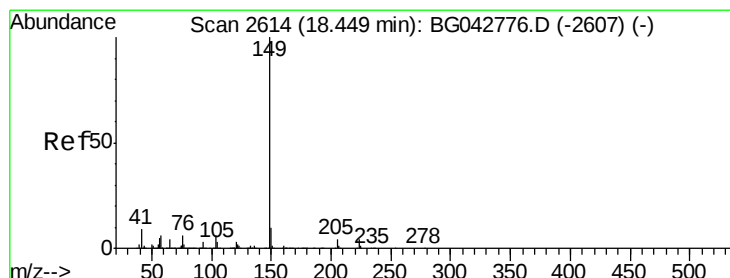
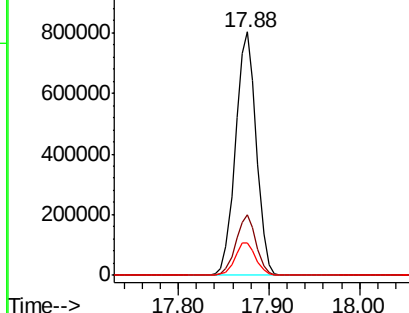
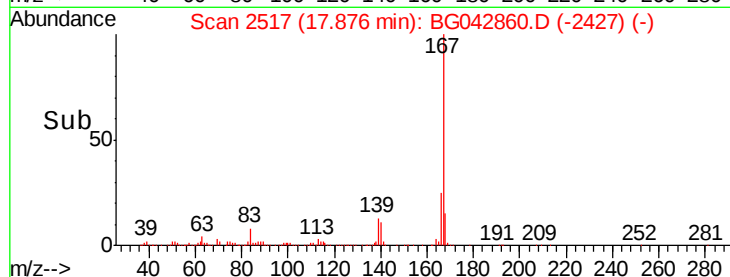


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.539 ng

RT: 18.44 min Scan# 2613

Delta R.T. -0.01 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

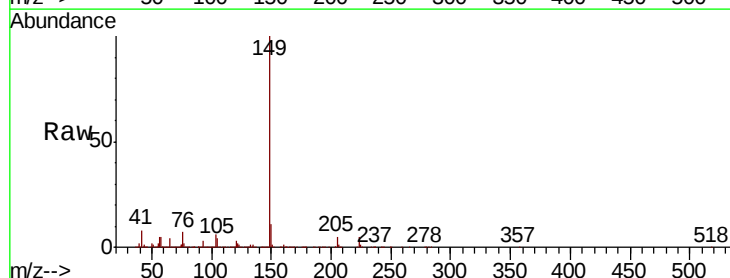
Tgt Ion:149 Resp: 1452294

Ion Ratio Lower Upper

149 100

150 10.8 8.0 12.0

104 6.2 5.1 7.7

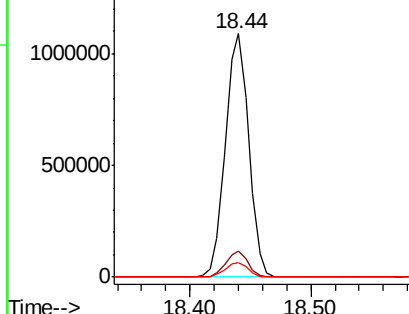
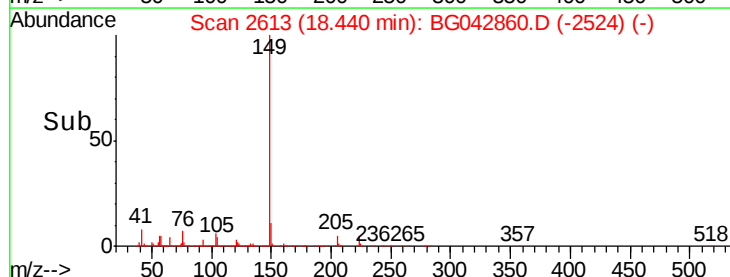


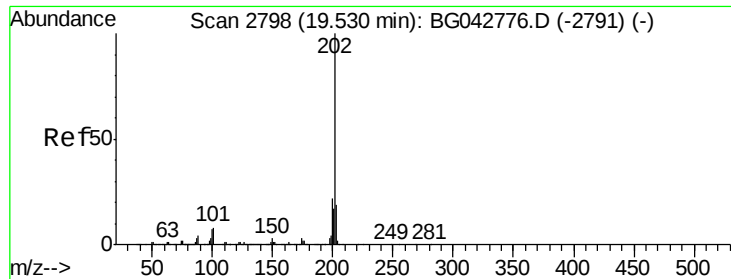
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.583 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

Instrument :

BNA_G

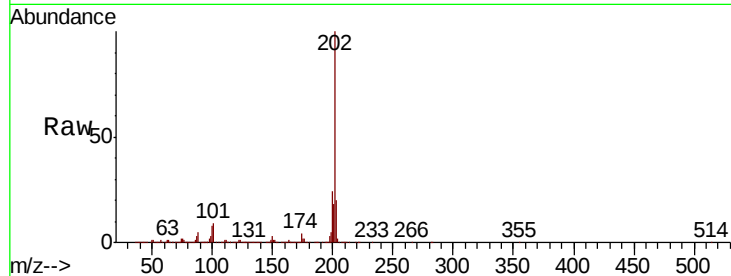
ClientSampleId :

SB-3C-(9-10)MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	27.8
203	20.2	0.0	39.1

Manual Integrations
APPROVED

mohammad
9/17/2019 1:26:47 PM

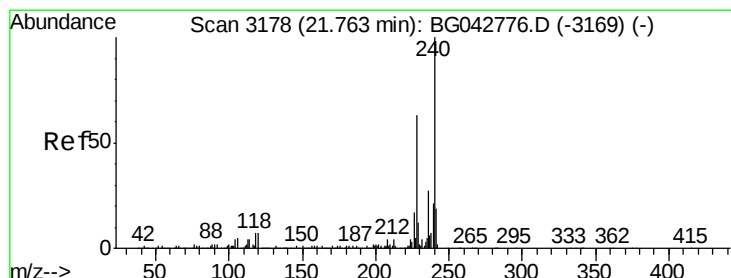
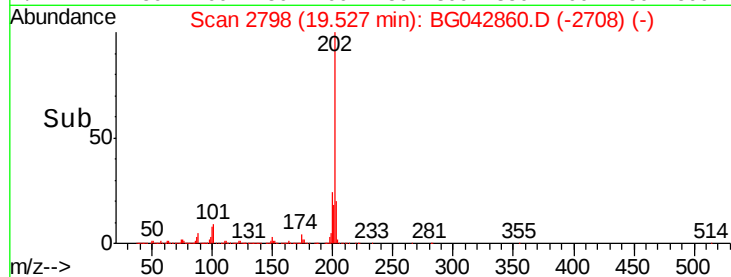
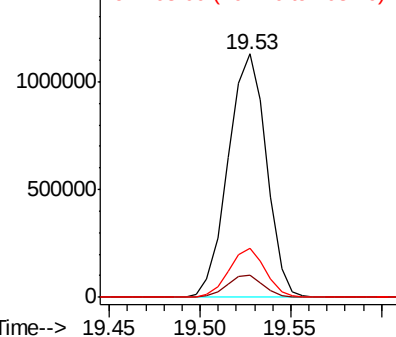


Abundance

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

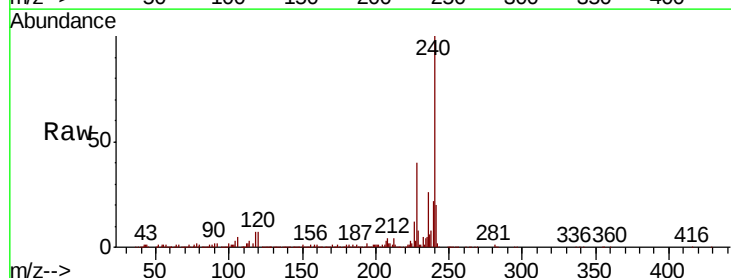
RT: 21.76 min Scan# 3178

Delta R.T. -0.00 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.8	5.4	8.2
236	26.0	21.7	32.5

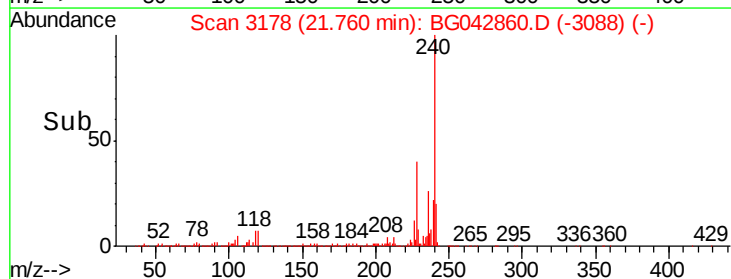
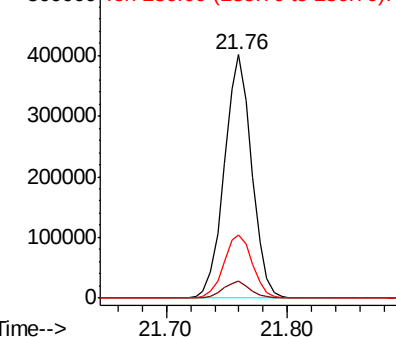


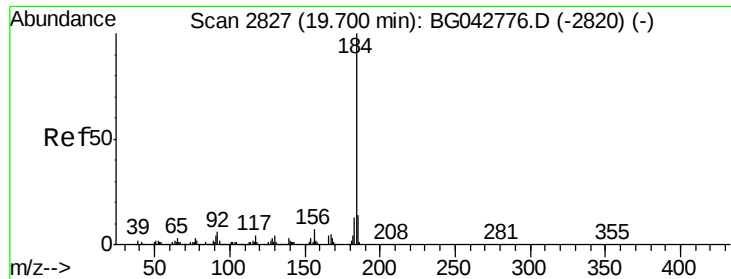
Abundance

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: 43.460 ng

RT: 19.70 min Scan# 2827

Delta R.T. -0.00 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

Instrument :

BNA_G

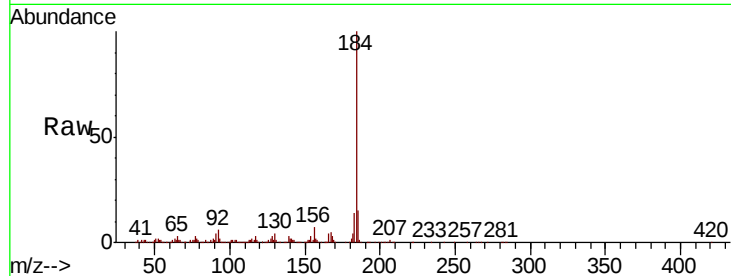
ClientSampleId :

SB-3C-(9-10)MSD

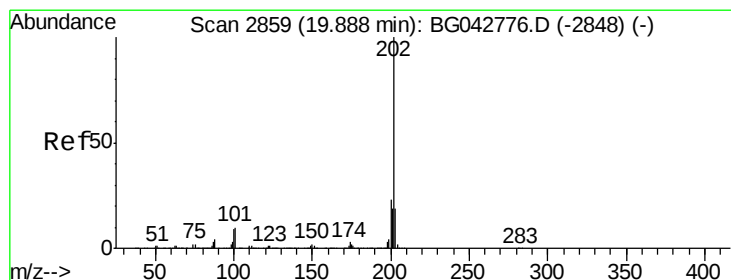
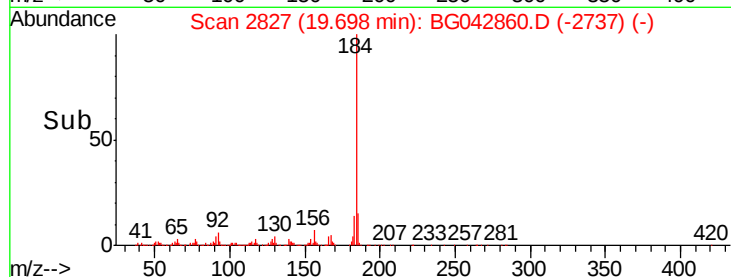
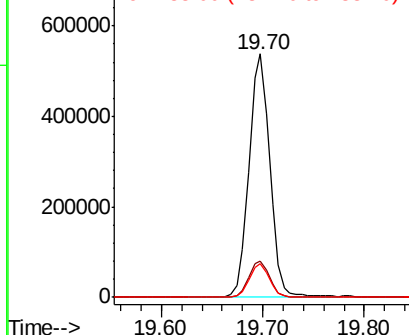
Tot Ion:	184	Resp:	768315
Ion Ratio	Lower	Upper	
184	100		
185	15.1	11.6	17.4
183	13.8	10.4	15.6

Manual Integrations
APPROVED

mohammad
9/17/2019 1:26:47 PM



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.099 ng

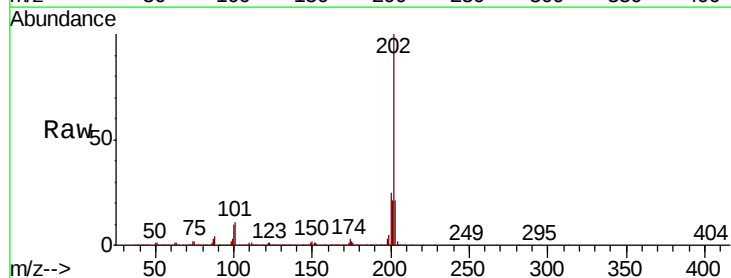
RT: 19.89 min Scan# 2859

Delta R.T. -0.00 min

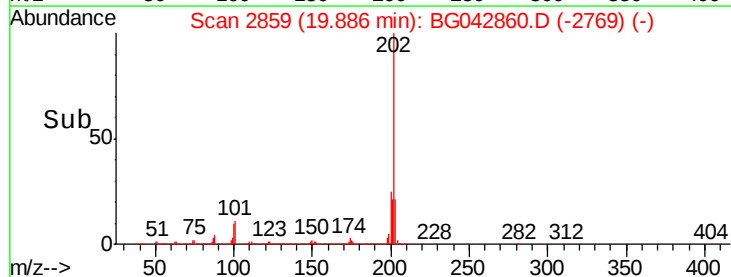
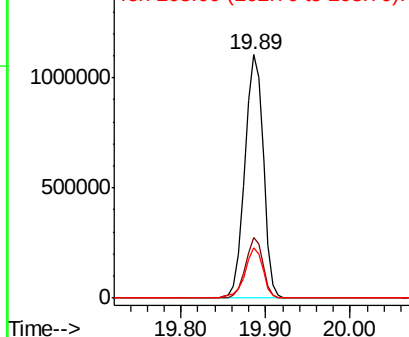
Lab File: BG042860.D

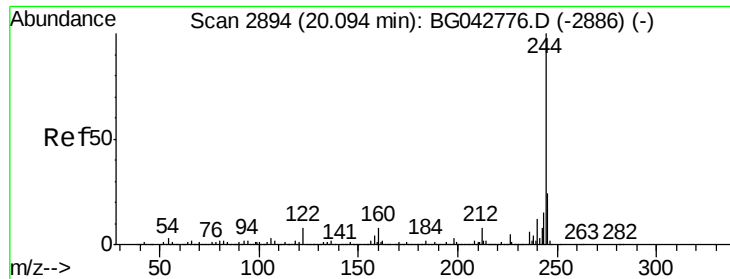
Acq: 16 Sep 2019 22:23

Tgt Ion:	202	Resp:	1667760
Ion Ratio	Lower	Upper	
202	100		
200	24.6	18.5	27.7
203	20.7	15.3	22.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.022 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

Instrument :

BNA_G

ClientSampleId :

SB-3C-(9-10)MSD

Tot Ion:244 Resp: 2227599

Ion Ratio Lower Upper

244 100

212 9.4 6.6 10.0

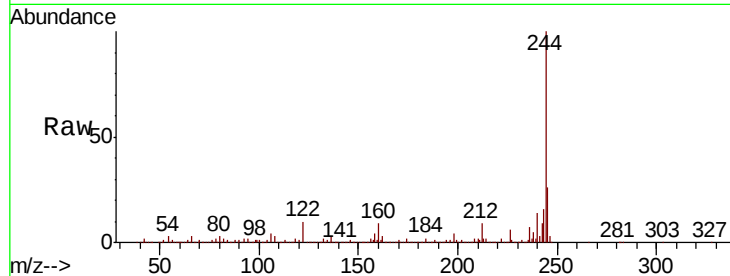
122 9.7 6.2 9.4#

Manual Integrations

APPROVED

mohammad

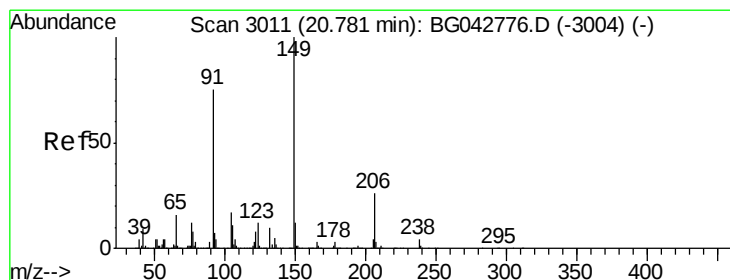
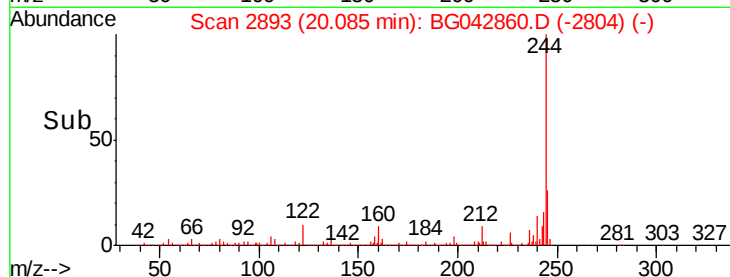
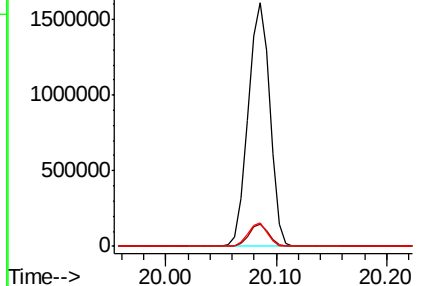
9/17/2019 1:26:47 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.486 ng

RT: 20.77 min Scan# 3010

Delta R.T. -0.01 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

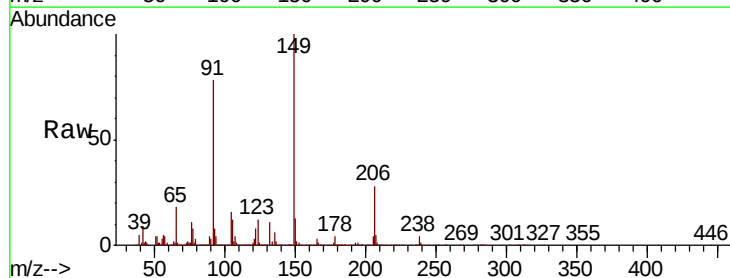
Tgt Ion:149 Resp: 665142

Ion Ratio Lower Upper

149 100

91 77.7 60.2 90.2

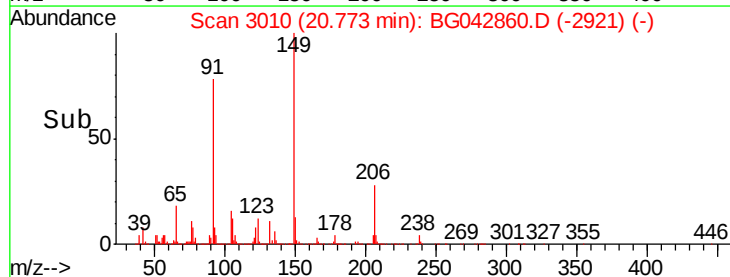
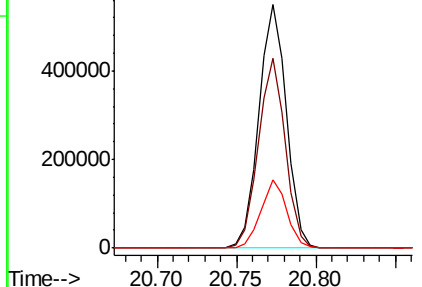
206 27.9 20.6 30.8

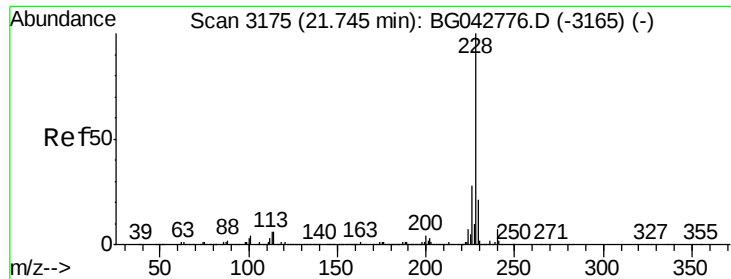


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





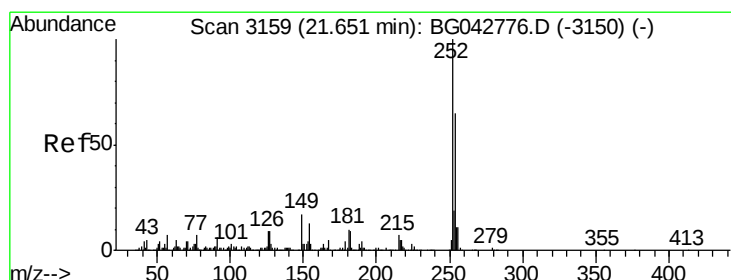
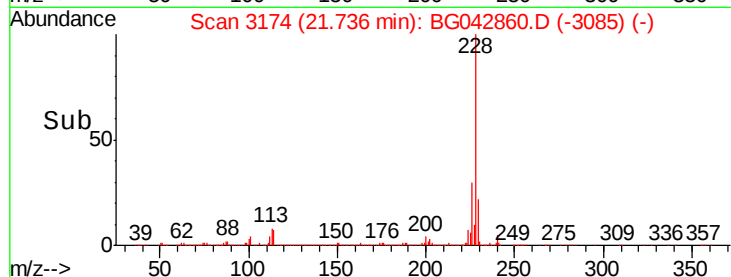
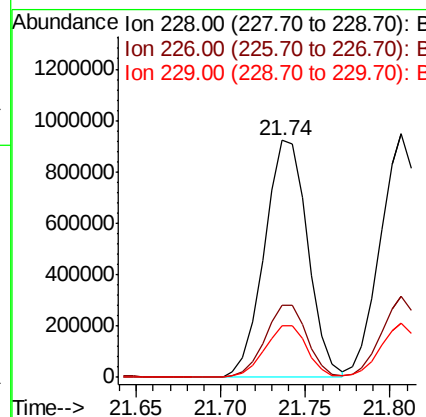
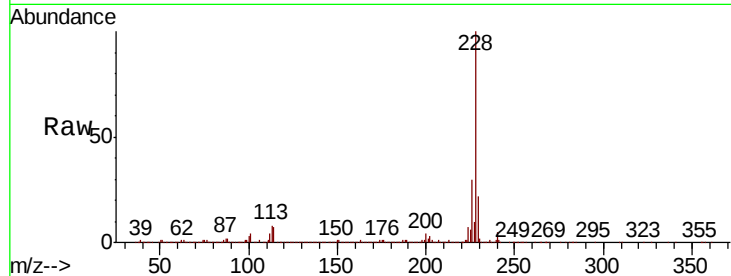
#81
Benzo(a)anthracene
Concen: 40.876 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.01 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Instrument :
BNA_G
ClientSampleId :
SB-3C-(9-10)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.5	33.7
229	21.9	17.2	25.8

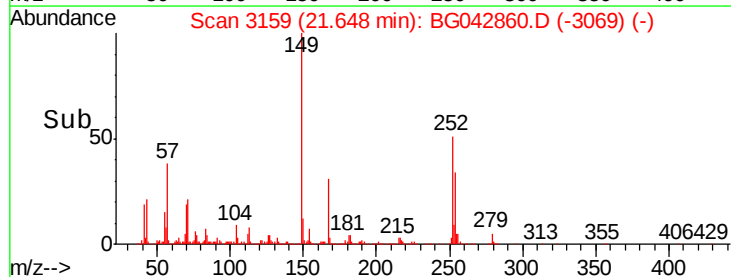
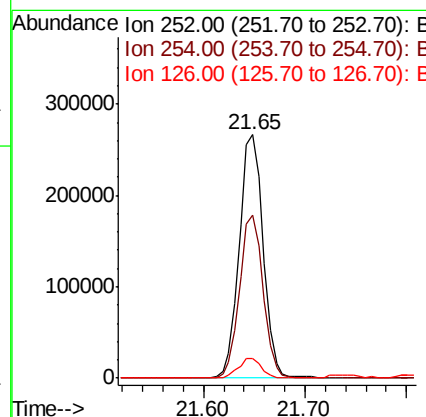
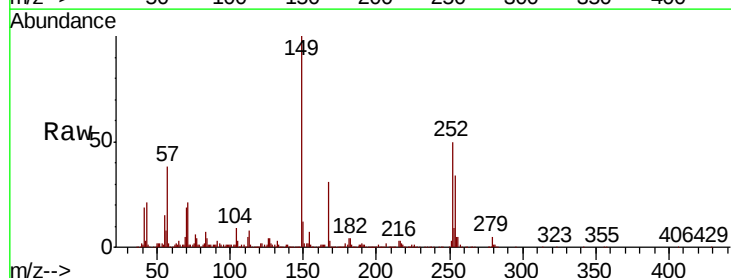
Manual Integrations
APPROVED

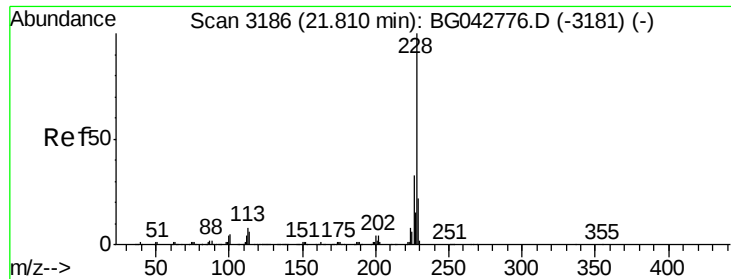
mohammad
9/17/2019 1:26:47 PM



#82
3,3'-Dichlorobenzidine
Concen: 27.962 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.00 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.8	52.2	78.2
126	8.2	7.0	10.4





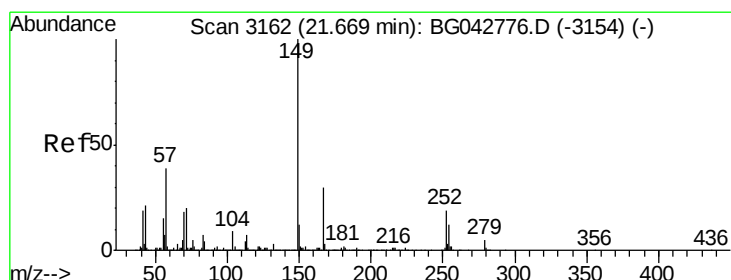
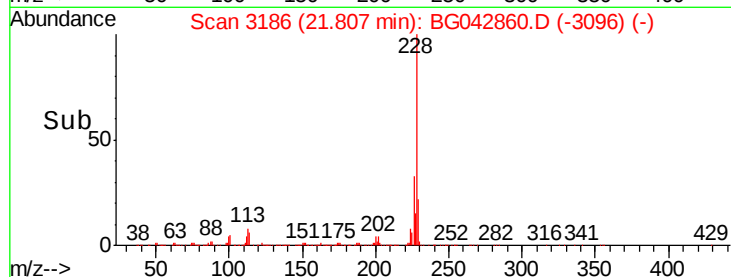
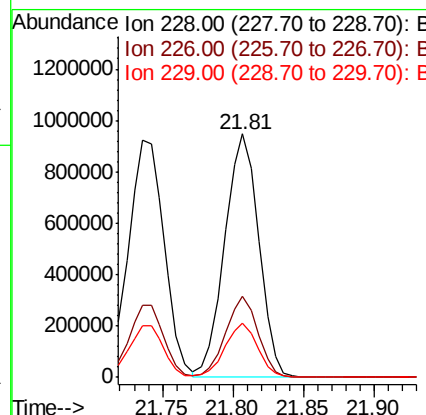
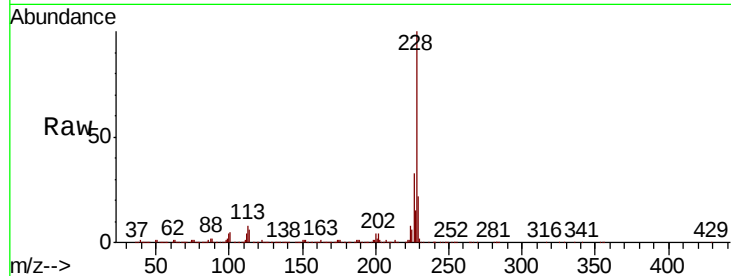
#83
Chrysene
Concen: 41.650 ng
RT: 21.81 min Scan# 3186
Delta R.T. -0.00 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Instrument :
BNA_G
ClientSampleId :
SB-3C-(9-10)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.2	26.0	39.0
229	22.2	17.1	25.7

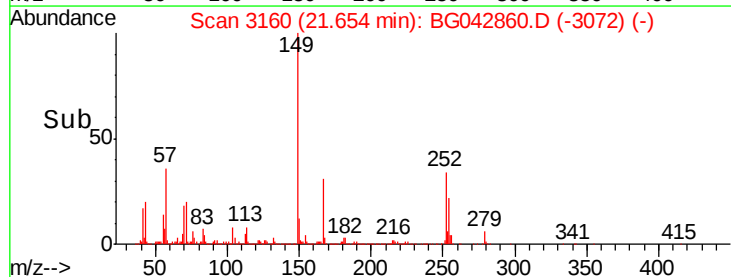
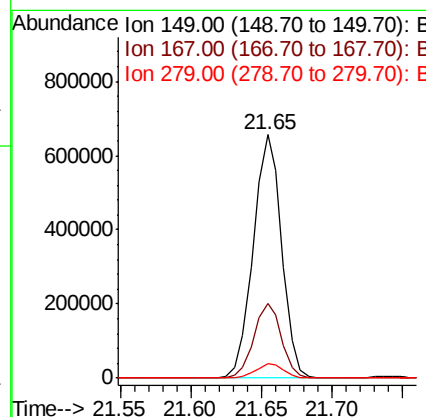
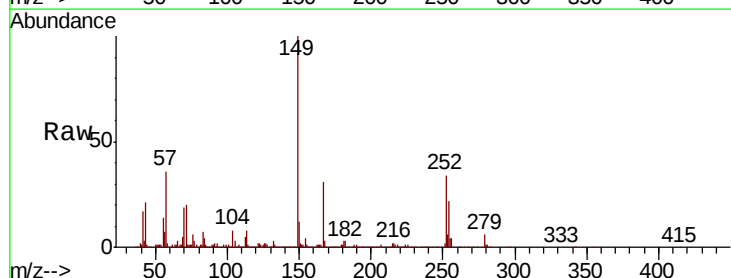
Manual Integrations
APPROVED

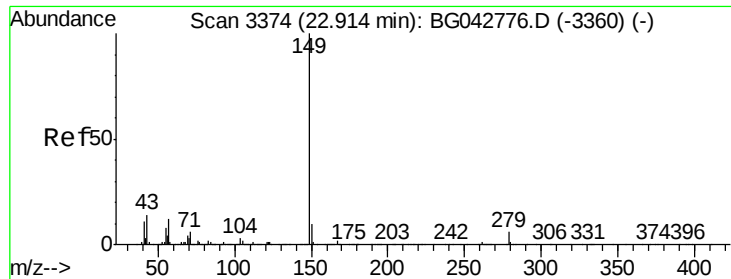
mohammad
9/17/2019 1:26:47 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.217 ng
RT: 21.65 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.7	24.3	36.5
279	6.0	4.2	6.4





#85

Di-n-octyl phthalate

Concen: 42.070 ng

RT: 22.89 min Scan# 3371

Delta R.T. -0.02 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

Instrument :

BNA_G

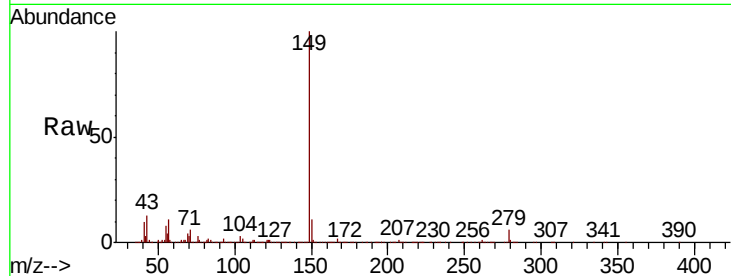
ClientSampleId :

SB-3C-(9-10)MSD

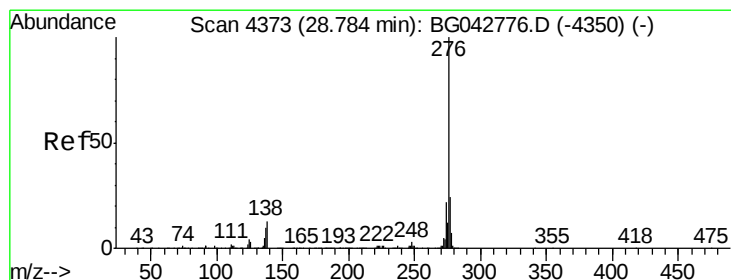
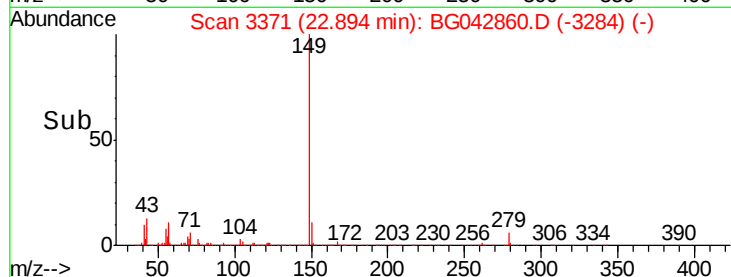
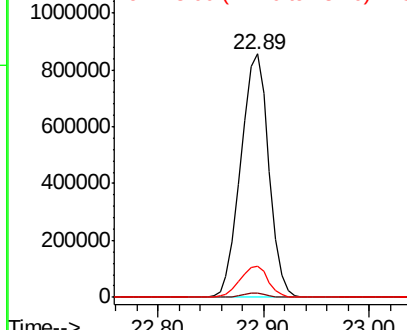
Tot Ion:	149	Resp:	1571127
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	12.6	10.6	15.8

Manual Integrations
APPROVED

mohammad
9/17/2019 1:26:47 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: 42.555 ng

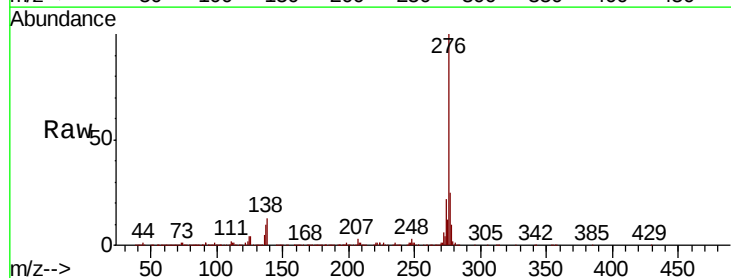
RT: 28.78 min Scan# 4372

Delta R.T. -0.01 min

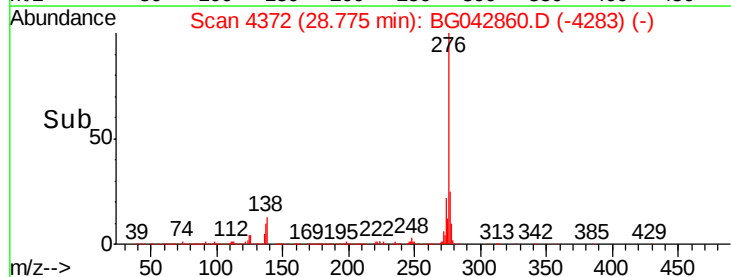
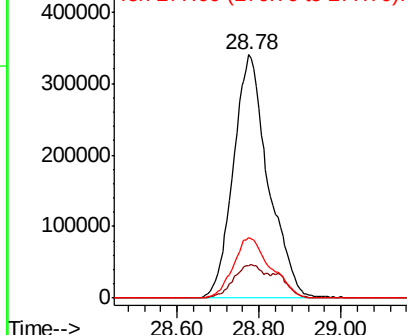
Lab File: BG042860.D

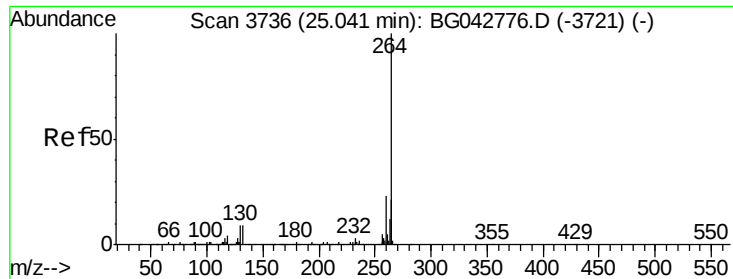
Acq: 16 Sep 2019 22:23

Tgt Ion:	276	Resp:	2008302
Ion	Ratio	Lower	Upper
276	100		
138	12.6	9.3	13.9
277	26.7	17.2	25.8#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.03 min Scan# 3735

Delta R.T. -0.01 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

Instrument :

BNA_G

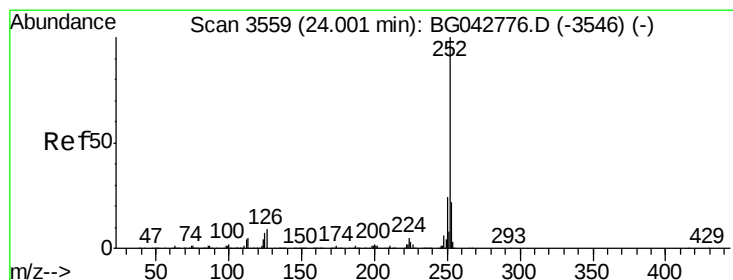
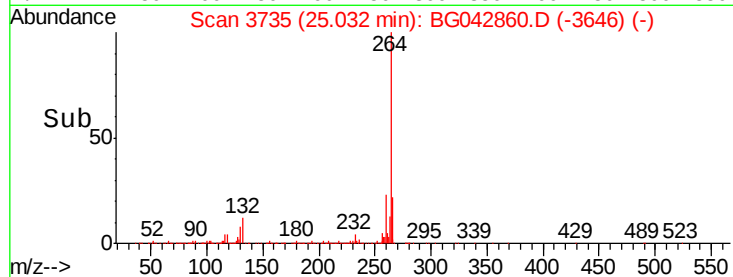
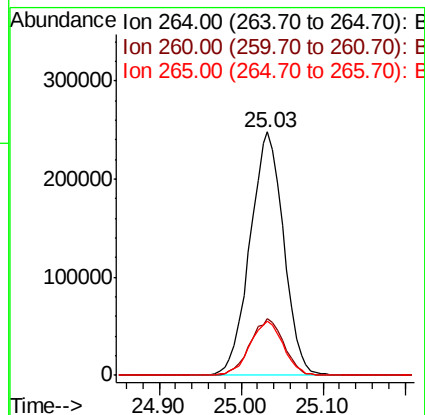
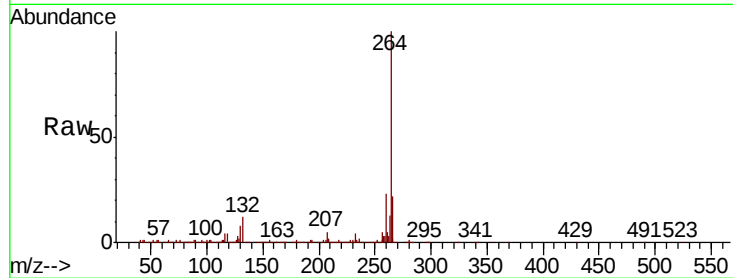
ClientSampleId :

SB-3C-(9-10)MSD

Tot Ion:	264	Resp:	705976
Ion Ratio	Lower	Upper	
264	100		
260	23.2	18.2	27.2
265	22.4	16.9	25.3

Manual Integrations
APPROVED

mohammad
9/17/2019 1:26:47 PM



#88

Benzo(b)fluoranthene

Concen: 41.290 ng

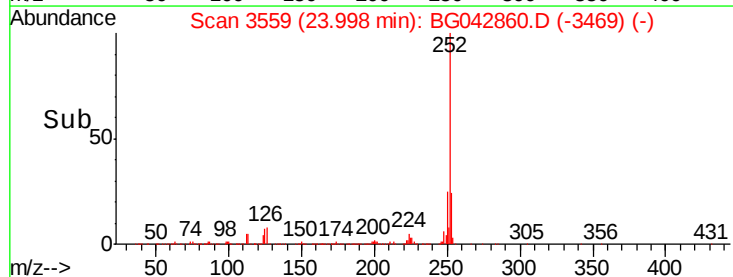
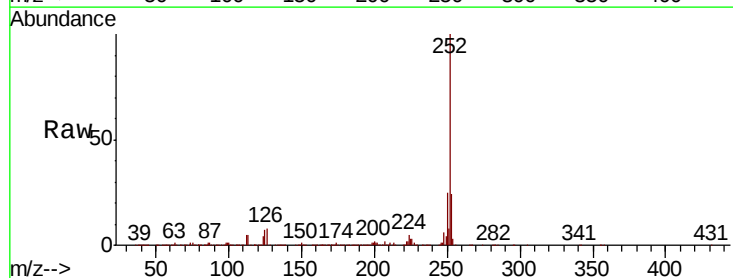
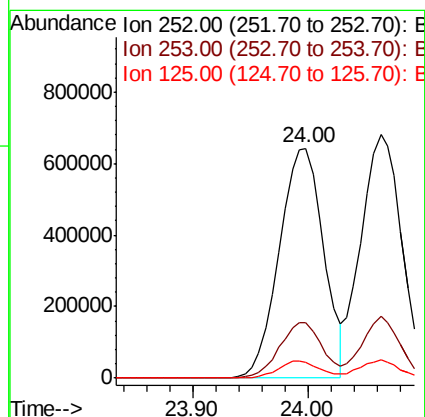
RT: 24.00 min Scan# 3559

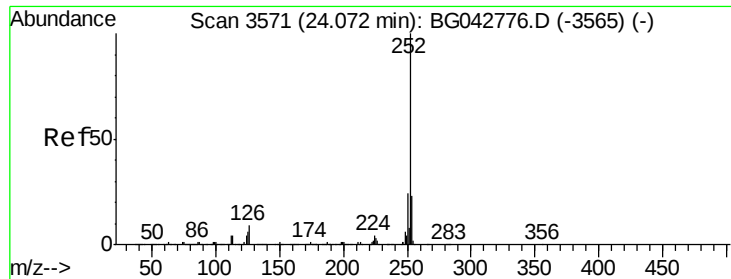
Delta R.T. -0.00 min

Lab File: BG042860.D

Acq: 16 Sep 2019 22:23

Tgt Ion:	252	Resp:	1711606
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.9	26.9
125	7.0	5.6	8.4





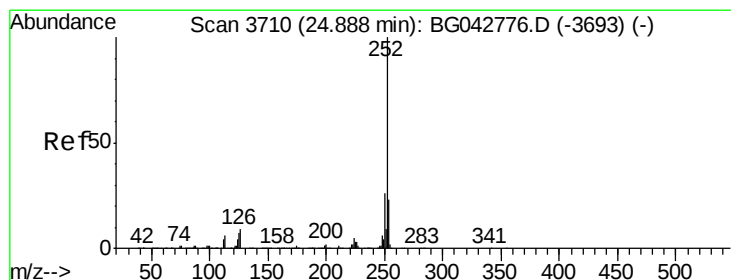
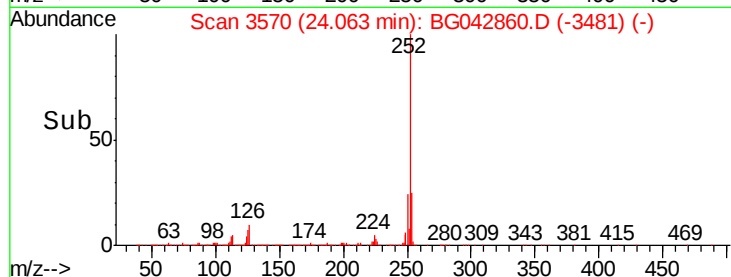
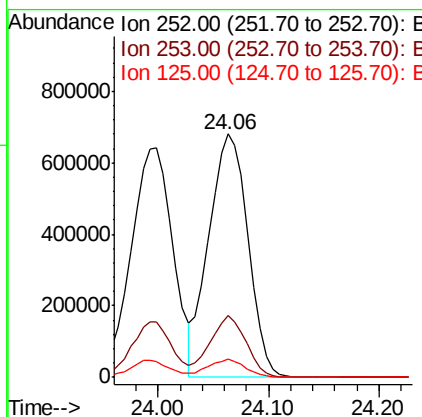
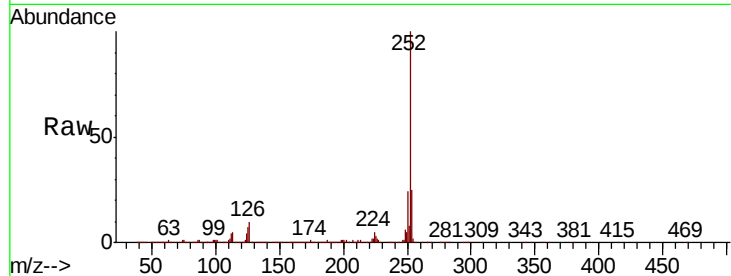
#89
Benzo(k)fluoranthene
Concen: 42.667 ng
RT: 24.06 min Scan# 3570
Delta R.T. -0.01 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Instrument :
BNA_G
ClientSampleId :
SB-3C-(9-10)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.2	27.4
125	7.3	5.3	7.9

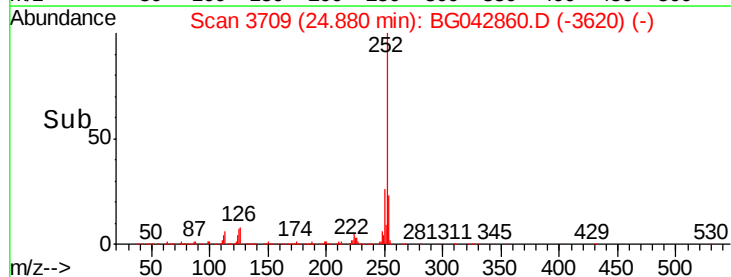
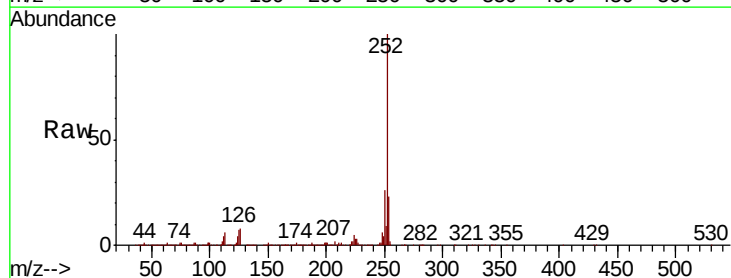
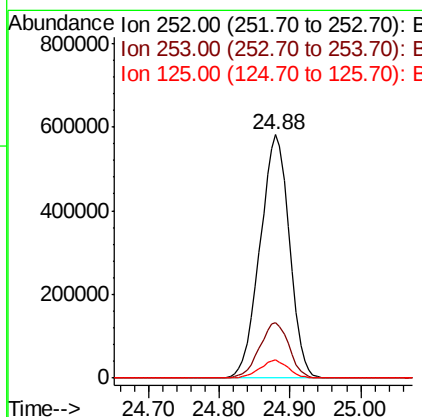
Manual Integrations
APPROVED

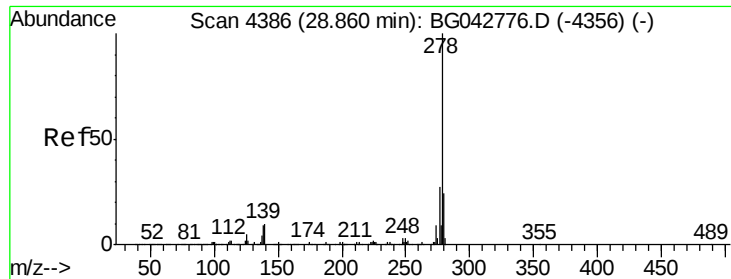
mohammad
9/17/2019 1:26:47 PM



#90
Benzo(a)pyrene
Concen: 43.572 ng
RT: 24.88 min Scan# 3709
Delta R.T. -0.01 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	7.4	5.7	8.5





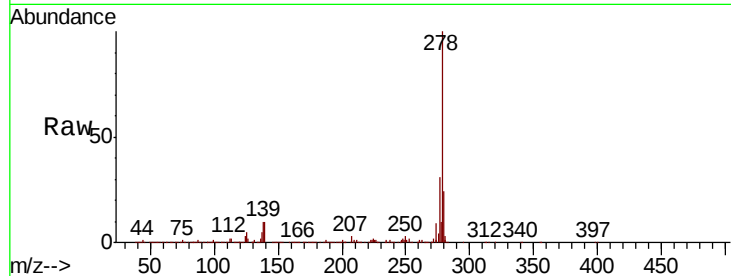
#91
Dibenzo(a,h)anthracene
Concen: 43.657 ng
RT: 28.85 min Scan# 4384
Delta R.T. -0.01 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Instrument :
BNA_G
ClientSampleId :
SB-3C-(9-10)MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.3	8.2	12.2
279	24.1	19.4	29.2

Manual Integrations
APPROVED

mohammad
9/17/2019 1:26:47 PM

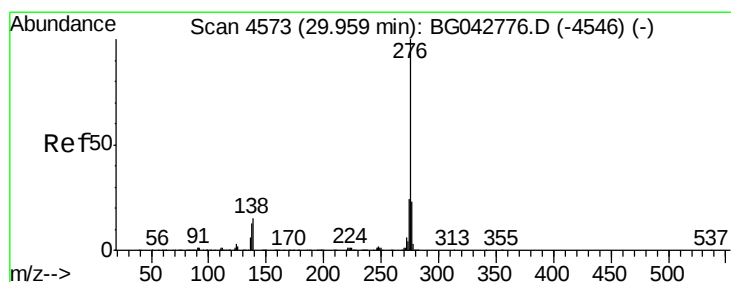
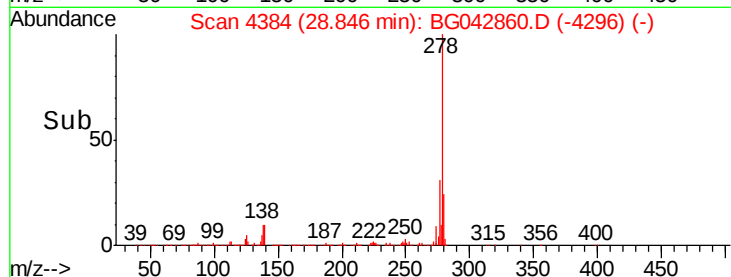
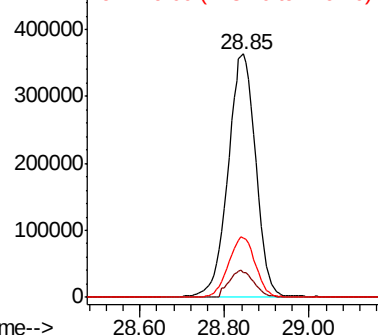


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 43.957 ng
RT: 29.95 min Scan# 4572
Delta R.T. -0.01 min
Lab File: BG042860.D
Acq: 16 Sep 2019 22:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.4	27.6
138	14.6	11.8	17.8

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

