

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010620\
 Data File : BG043927.D
 Acq On : 6 Jan 2020 11:11
 Operator : JU
 Sample : PB125814BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB125814BS

Manual Integrations
 APPROVED

mohammad
 1/7/2020 12:30:30 PM

Quant Time: Jan 07 05:37:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	114992	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	508111	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	342692	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	748754	20.00	ng	0.00
76) Chrysene-d12	21.58	240	651038	20.00	ng	0.00
87) Perylene-d12	24.71	264	736364	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	805370	128.60	ng	0.00
7) Phenol-d6	7.13	99	1066277	121.80	ng	0.00
23) Nitrobenzene-d5	9.12	82	670596	70.60	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	406192	113.27	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1468686	77.65	ng	0.00
79) Terphenyl-d14	19.95	244	2114296	76.10	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.43	88	111039	40.663 ng	97
3) Pyridine	3.82	79	264371	32.772 ng	96
4) n-Nitrosodimethylamine	3.74	42	141345	39.355 ng	99
6) Aniline	7.28	93	330053	28.704 ng	98
8) 2-Chlorophenol	7.53	128	333719	45.389 ng	98
9) Benzaldehyde	7.09	77	201663	35.993 ng	99
10) Phenol	7.15	94	416915	46.223 ng	100
11) bis(2-Chloroethyl)ether	7.38	93	311936	40.065 ng	99
12) 1,3-Dichlorobenzene	7.85	146	339094	39.412 ng	98
13) 1,4-Dichlorobenzene	8.00	146	342938	40.397 ng	99
14) 1,2-Dichlorobenzene	8.32	146	325176	39.907 ng	99
15) Benzyl Alcohol	8.19	79	287434	41.603 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.49	45	440268	36.551 ng	100
17) 2-Methylphenol	8.41	107	289635	44.374 ng	98
18) Hexachloroethane	9.05	117	127785	38.685 ng	97
19) n-Nitroso-di-n-propylamine	8.76	70	251299	38.546 ng	97
20) 3+4-Methylphenols	8.73	107	399127	43.834 ng	97
22) Acetophenone	8.78	105	461504	36.534 ng	99
24) Nitrobenzene	9.16	77	354119	37.643 ng	99
25) Isophorone	9.68	82	674877	37.873 ng	100
26) 2-Nitrophenol	9.87	139	181349	40.746 ng	99
27) 2,4-Dimethylphenol	9.94	122	323015	48.214 ng	97
28) bis(2-Chloroethoxy)methane	10.17	93	432153	36.377 ng	99
29) 2,4-Dichlorophenol	10.41	162	328254	41.075 ng	98
30) 1,2,4-Trichlorobenzene	10.63	180	332806	37.142 ng	98
31) Naphthalene	10.82	128	977044	39.736 ng	99
32) Benzoic acid	10.06	122	128284	26.707 ng	96
33) 4-Chloroaniline	10.92	127	248521	21.191 ng	99
34) Hexachlorobutadiene	11.11	225	192464	35.180 ng	95
35) Caprolactam	11.68	113	122906m	41.313 ng	
36) 4-Chloro-3-methylphenol	12.04	107	352866	41.478 ng	98
37) 2-Methylnaphthalene	12.42	142	731682	39.526 ng	98
38) 1-Methylnaphthalene	12.64	142	702585	40.046 ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	343570	34.205 ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010620\
 Data File : BG043927.D
 Acq On : 6 Jan 2020 11:11
 Operator : JU
 Sample : PB125814BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB125814BS

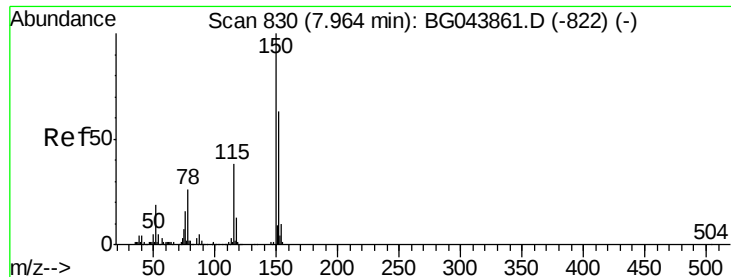
Manual Integrations
 APPROVED

mohammad
 1/7/2020 12:30:30 PM

Quant Time: Jan 07 05:37:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	456935	87.748	nq	100
43) 2,4,6-Trichlorophenol	13.02	196	263316	38.099	nq	100
44) 2,4,5-Trichlorophenol	13.10	196	287641	40.353	nq	98
46) 1,1'-Biphenyl	13.43	154	926788	37.720	nq	99
47) 2-Chloronaphthalene	13.47	162	728049	36.669	nq	98
48) 2-Nitroaniline	13.66	65	230581	36.104	nq	99
49) Acenaphthylene	14.31	152	1142246	40.027	nq	98
50) Dimethylphthalate	14.05	163	931680	38.290	nq	99
51) 2,6-Dinitrotoluene	14.16	165	214539	39.009	nq	96
52) Acenaphthene	14.66	154	821815	41.065	nq	98
53) 3-Nitroaniline	14.49	138	169894	27.203	nq	96
54) 2,4-Dinitrophenol	14.69	184	186063	67.339	nq	98
55) Dibenzofuran	14.99	168	1108500	40.237	nq	98
56) 4-Nitrophenol	14.80	139	412054	86.098	nq	95
57) 2,4-Dinitrotoluene	14.95	165	300289	40.127	nq	96
58) Fluorene	15.64	166	874199	40.035	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.22	232	244123	39.828	nq	99
60) Diethylphthalate	15.42	149	956632	39.307	nq	99
61) 4-Chlorophenyl-phenylether	15.63	204	448202	37.801	nq	98
62) 4-Nitroaniline	15.65	138	228352	37.025	nq	94
63) Azobenzene	15.93	77	901954	39.962	nq	99
65) 4,6-Dinitro-2-methylphenol	15.71	198	151207	40.001	nq	99
66) n-Nitrosodiphenylamine	15.84	169	826621	37.489	nq	98
67) 4-Bromophenyl-phenylether	16.53	248	297339	35.308	nq	98
68) Hexachlorobenzene	16.65	284	318980	35.153	nq	99
69) Atrazine	16.80	200	317970	44.364	nq	100
70) Pentachlorophenol	16.99	266	346961	69.363	nq	98
71) Phenanthrene	17.38	178	1403120	39.069	nq	99
72) Anthracene	17.47	178	1450045	40.854	nq	100
73) Carbazole	17.74	167	1315521	40.125	nq	99
74) Di-n-butylphthalate	18.31	149	1634404	39.045	nq	98
75) Fluoranthene	19.39	202	1626594	39.603	nq	98
77) Benzidine	19.56	184	599654	36.644	nq	98
78) Pyrene	19.75	202	1634407	38.460	nq	99
80) Butylbenzylphthalate	20.64	149	762622	37.694	nq	98
81) Benzo(a)anthracene	21.57	228	1576786	39.059	nq	98
82) 3,3'-Dichlorobenzidine	21.49	252	461229	28.919	nq	100
83) Chrysene	21.63	228	1495336	38.983	nq	98
84) Bis(2-ethylhexyl)phthalate	21.50	149	1071027	38.366	nq	100
85) Di-n-octyl phthalate	22.68	149	1850865	39.438	nq	99
86) Indeno(1,2,3-cd)pyrene	28.26	276	1951494	37.436	nq	99
88) Benzo(b)fluoranthene	23.73	252	1658948	38.109	nq	99
89) Benzo(k)fluoranthene	23.79	252	1634041	39.473	nq	99
90) Benzo(a)pyrene	24.57	252	1563246	38.048	nq	98
91) Dibenzo(a,h)anthracene	28.33	278	1607042	38.946	nq	98
92) Benzo(g,h,i)perylene	29.36	276	1573855	38.399	nq	97

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



#1

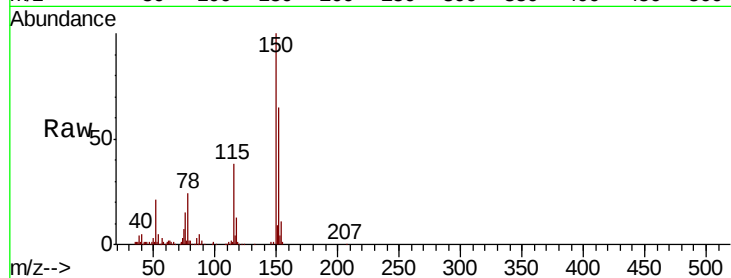
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Instrument :
BNA_G
ClientSampleId :
PB125814BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	127.0	190.4
115	58.8	47.8	71.8

Manual Integrations
APPROVED

mohammad
1/7/2020 12:30:30 PM

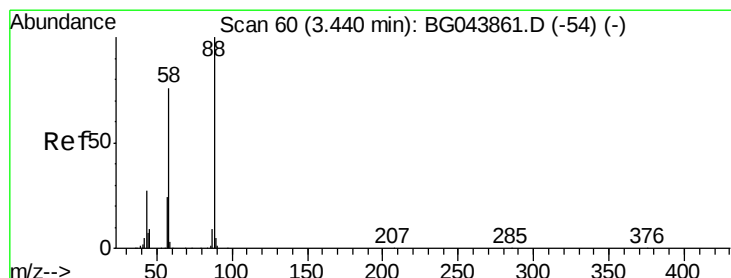
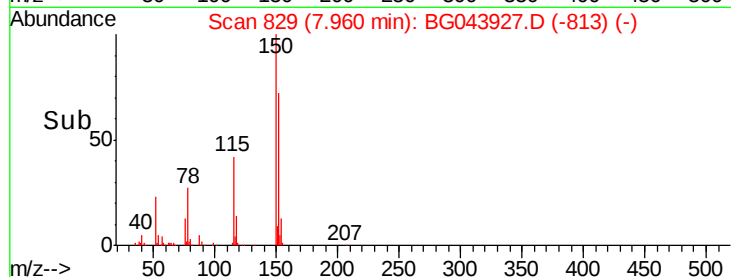
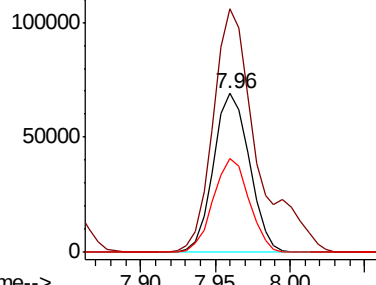


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

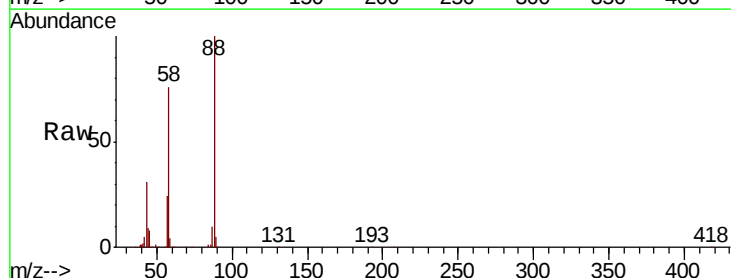
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 40.663 ng
RT: 3.43 min Scan# 58
Delta R.T. -0.01 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.0	59.8	89.8
43	25.9	22.9	34.3

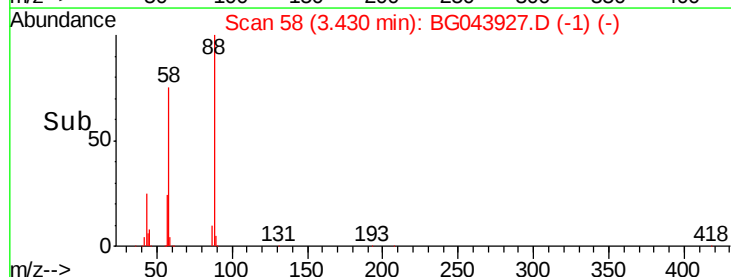
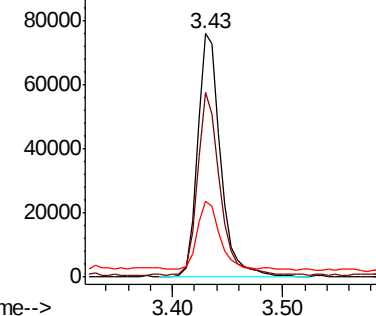


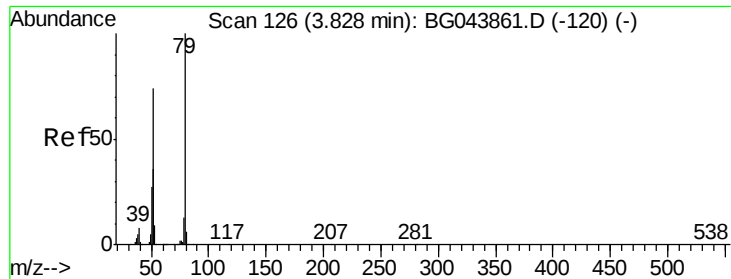
Abundance

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: 32.772 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

Instrument :

BNA_G

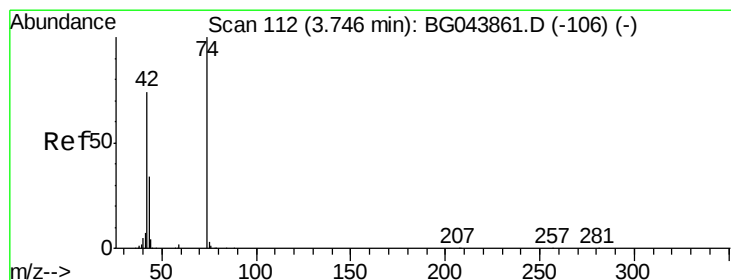
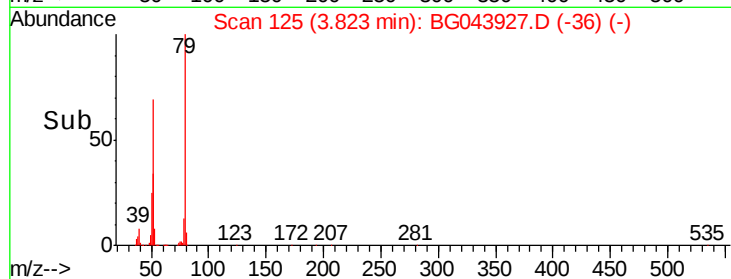
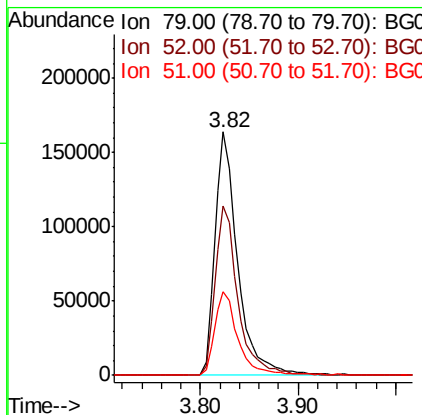
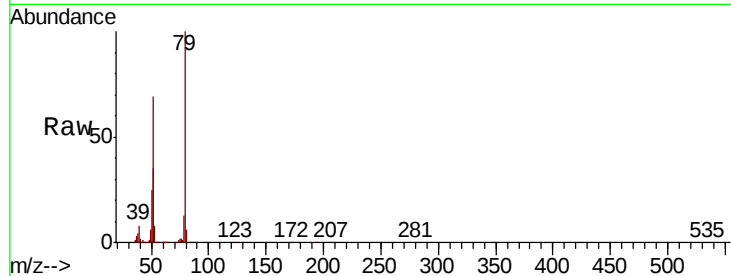
ClientSampleId :

PB125814BS

Tot Ion:	79	Resp:	264371
Ion Ratio	Lower	Upper	
79	100		
52	69.5	58.9	88.3
51	34.6	28.6	43.0

Manual Integrations
APPROVED

mohammad
1/7/2020 12:30:30 PM



#4

n-Nitrosodimethylamine

Concen: 39.355 ng

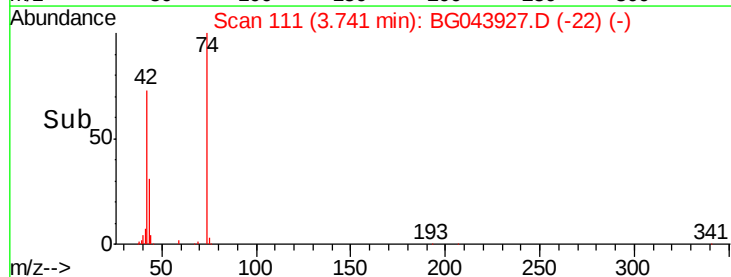
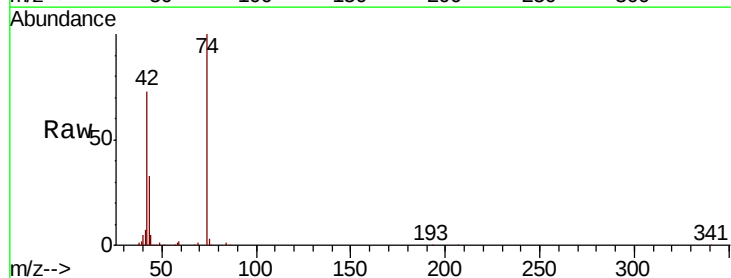
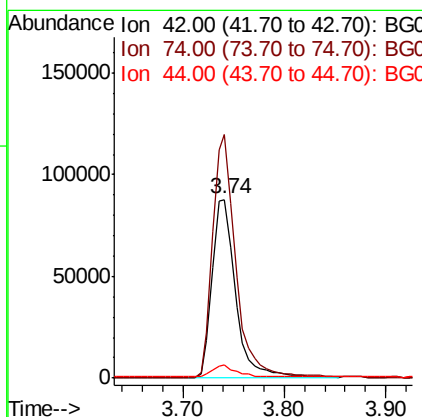
RT: 3.74 min Scan# 111

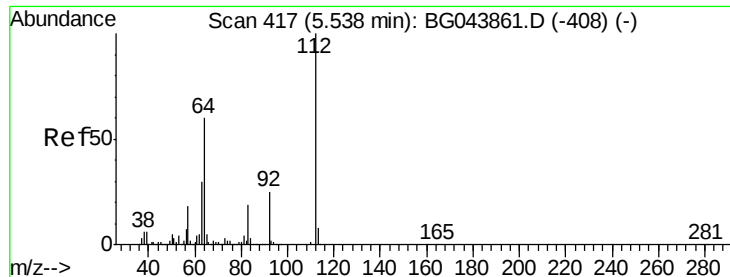
Delta R.T. -0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

Tgt Ion:	42	Resp:	141345
Ion Ratio	Lower	Upper	
42	100		
74	136.4	108.6	162.8
44	7.2	5.0	7.6





#5

2-Fluorophenol

Concen: 128.596 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

Instrument :

BNA_G

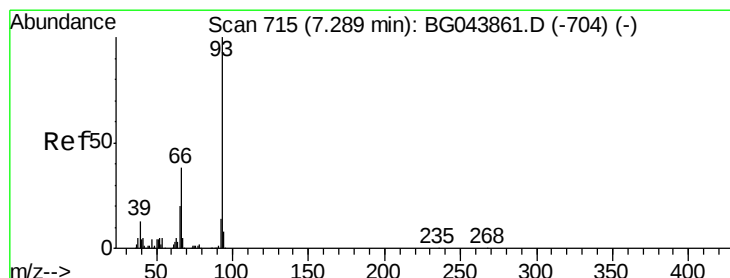
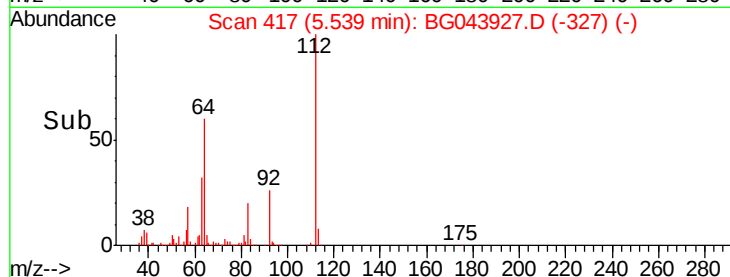
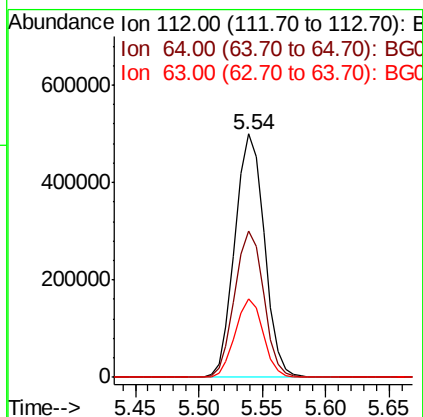
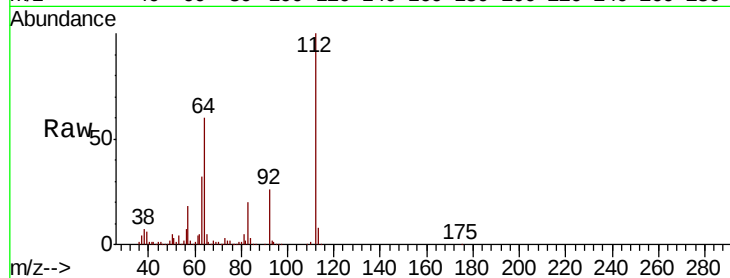
ClientSampleId :

PB125814BS

Tot Ion:	112	Resp:	805370
Ion Ratio	Lower	Upper	
112	100		
64	60.2	47.8	71.6
63	32.2	24.3	36.5

Manual Integrations
APPROVED

mohammad
1/7/2020 12:30:30 PM



#6

Aniline

Concen: 28.704 ng

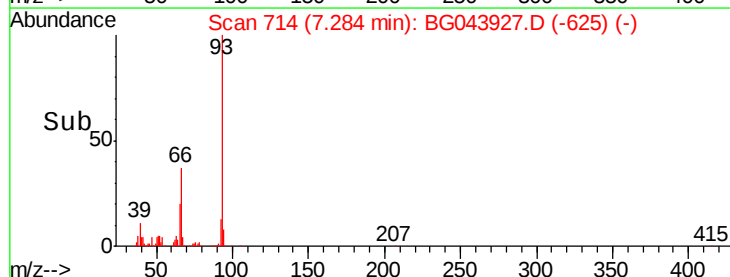
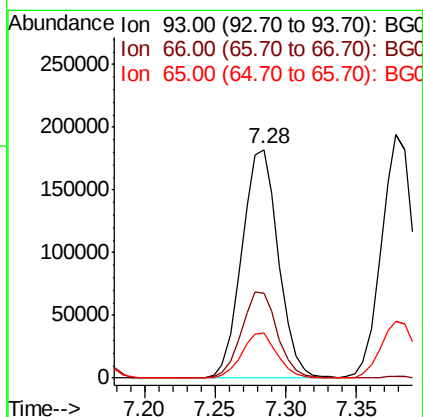
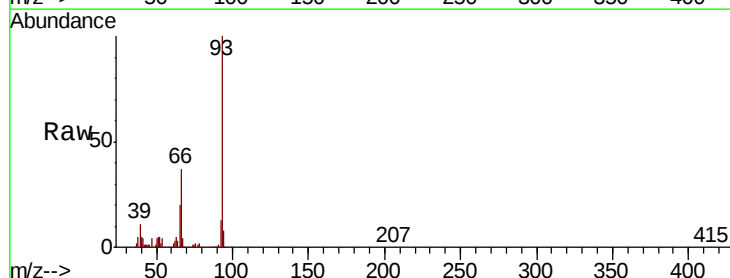
RT: 7.28 min Scan# 714

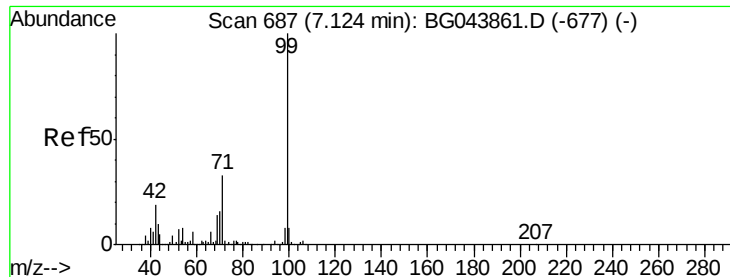
Delta R.T. -0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

Tgt Ion:	93	Resp:	330053
Ion Ratio	Lower	Upper	
93	100		
66	37.1	30.8	46.2
65	19.8	16.0	24.0





#7

Phenol-d6

Concen: 121.802 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.01 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

Instrument :

BNA_G

ClientSampleId :

PB125814BS

Tot Ion: 99 Resp: 1066277

Ion Ratio Lower Upper

99 100

42 19.2 14.9 22.3

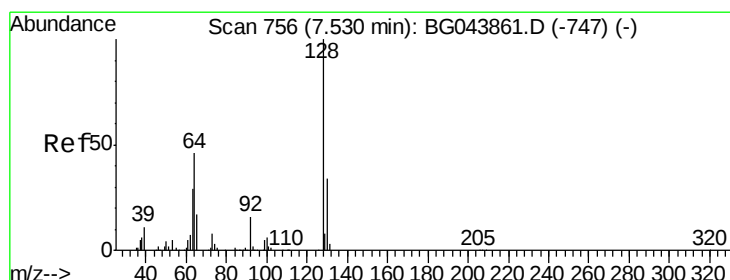
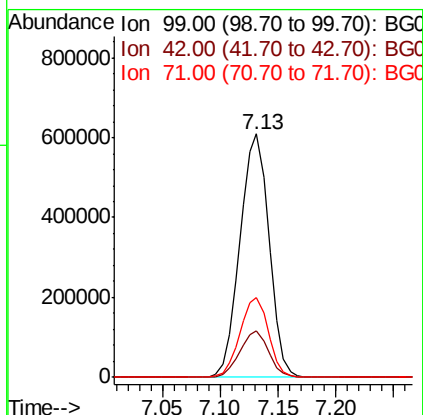
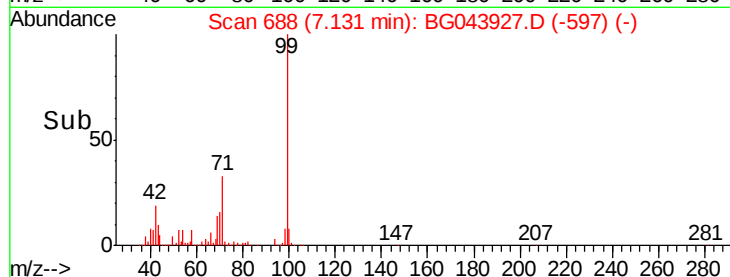
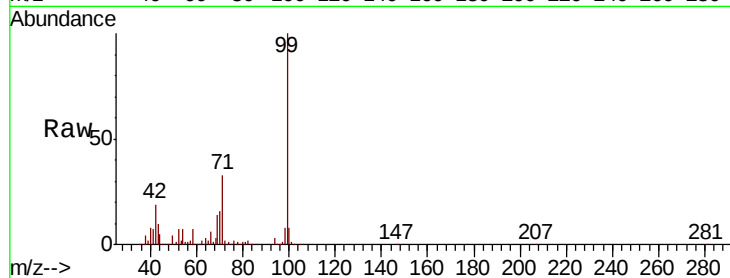
71 32.7 26.4 39.6

Manual Integrations

APPROVED

mohammad

1/7/2020 12:30:30 PM



#8

2-Chlorophenol

Concen: 45.389 ng

RT: 7.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

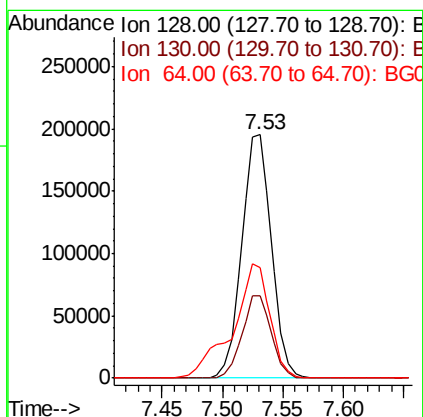
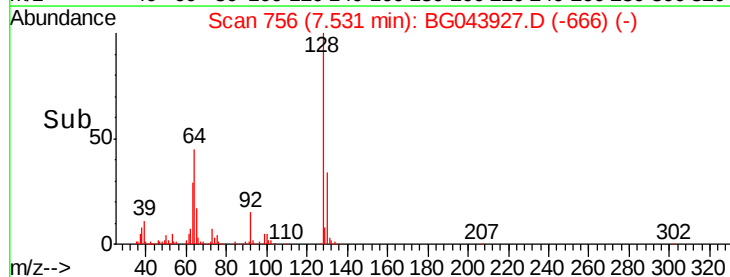
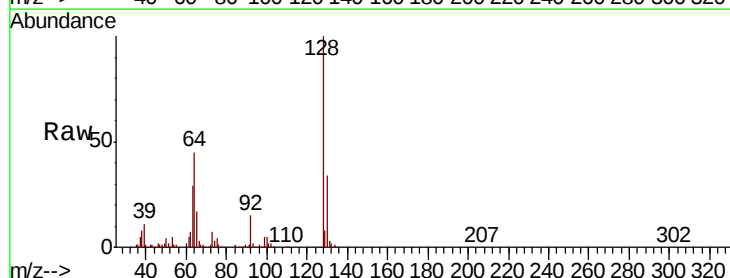
Tgt Ion: 128 Resp: 333719

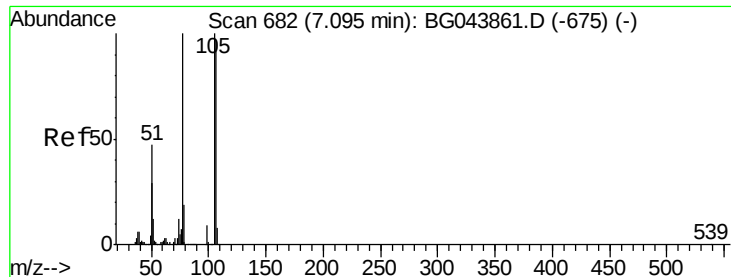
Ion Ratio Lower Upper

128 100

130 33.7 13.8 53.8

64 45.4 27.6 67.6





#9

Benzaldehyde

Concen: 35.993 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

Instrument :

BNA_G

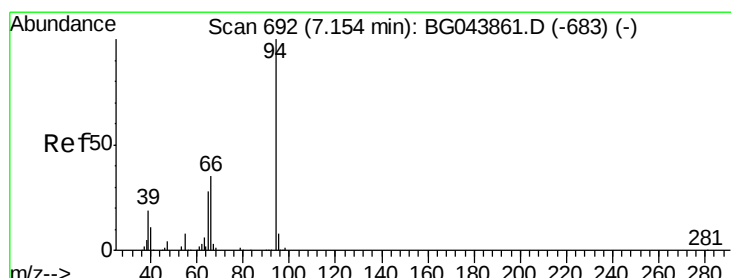
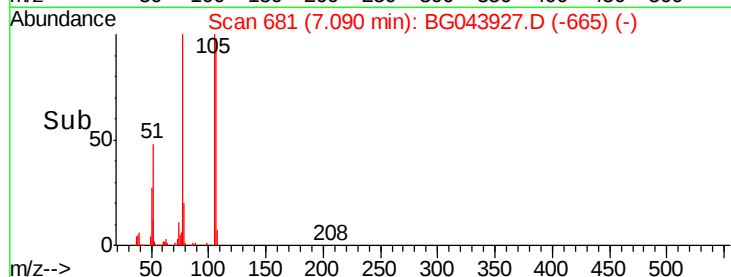
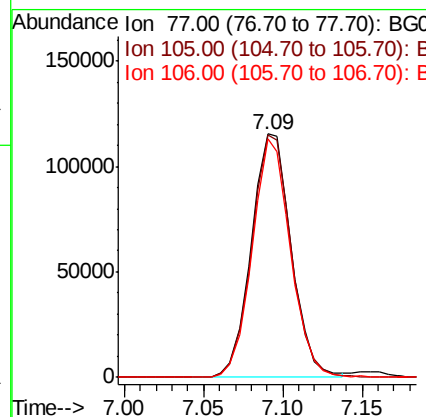
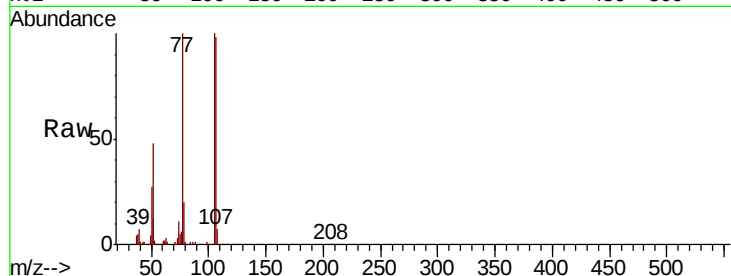
ClientSampleId :

PB125814BS

Tot Ion:	77	Resp:	201663
Ion	Ratio	Lower	Upper
77	100		
105	99.7	80.2	120.2
106	97.8	77.2	117.2

Manual Integrations
APPROVED

mohammad
1/7/2020 12:30:30 PM



#10

Phenol

Concen: 46.223 ng

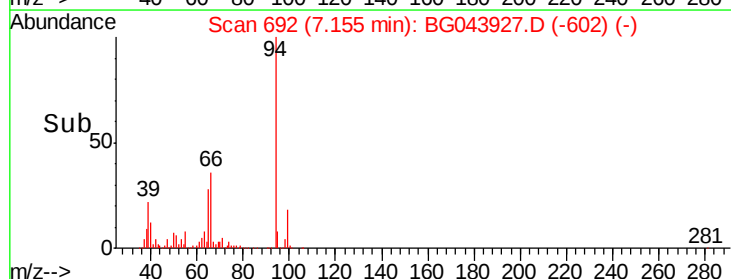
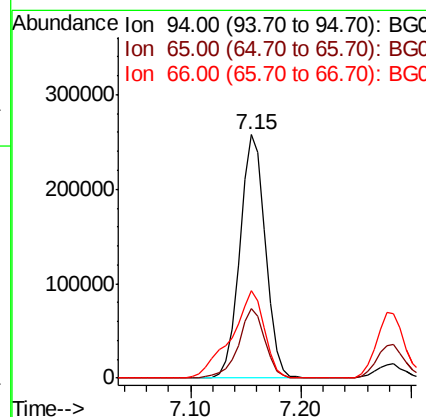
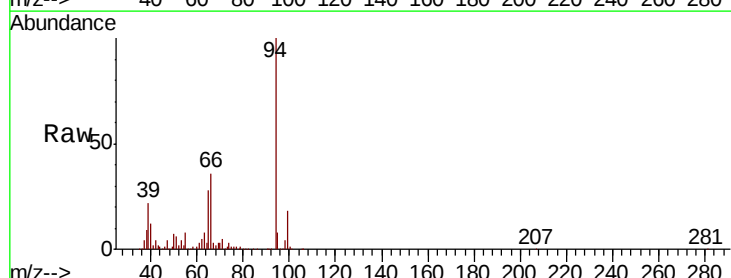
RT: 7.15 min Scan# 692

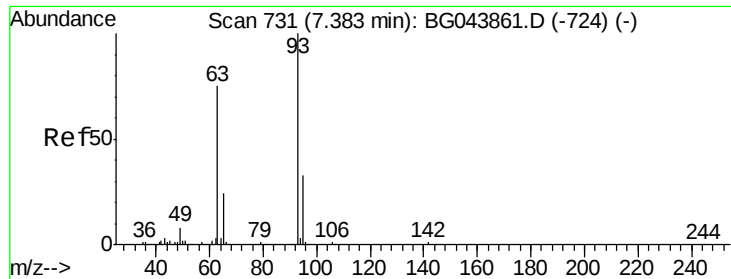
Delta R.T. 0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

Tgt Ion:	94	Resp:	416915
Ion	Ratio	Lower	Upper
94	100		
65	28.4	8.1	48.1
66	35.7	15.6	55.6





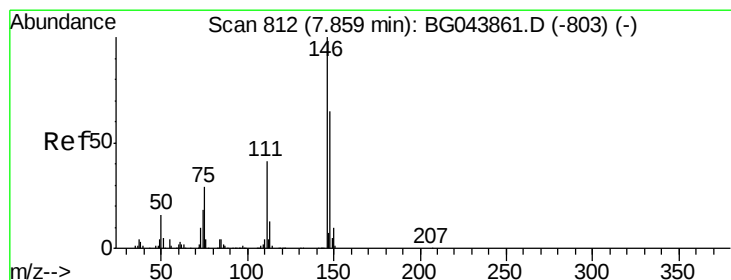
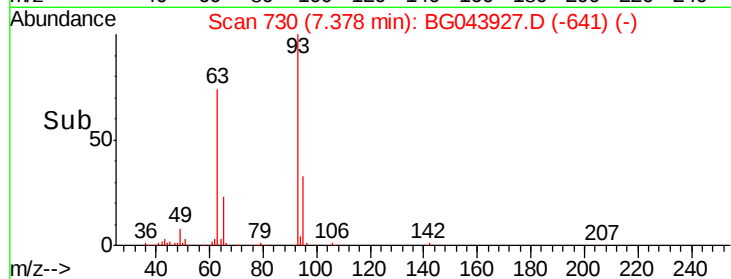
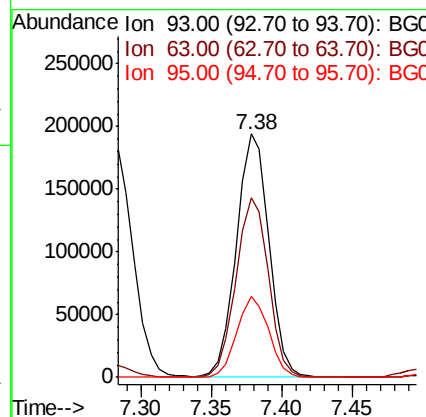
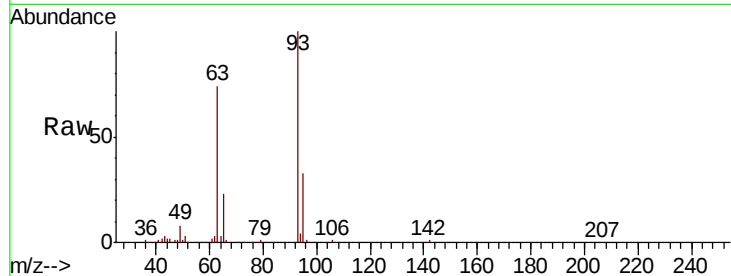
#11
bis(2-Chloroethyl)ether
Concen: 40.065 ng
RT: 7.38 min Scan# 730
Delta R.T. -0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Instrument :
BNA_G
ClientSampleID :
PB125814BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	311936		
63	73.7		55.0	95.0
95	33.0		13.3	53.3

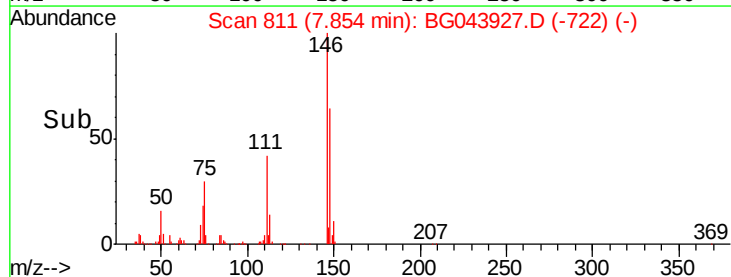
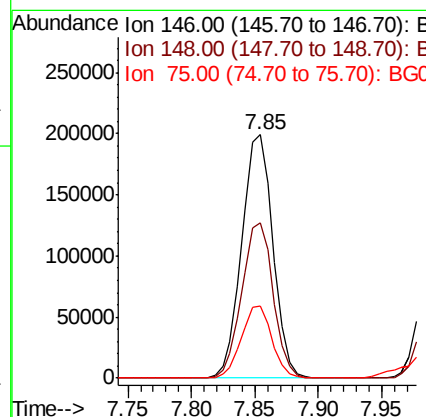
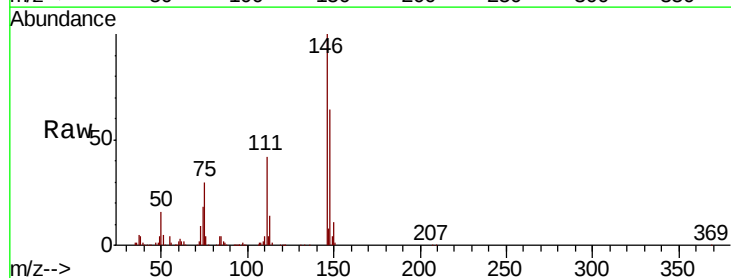
Manual Integrations
APPROVED

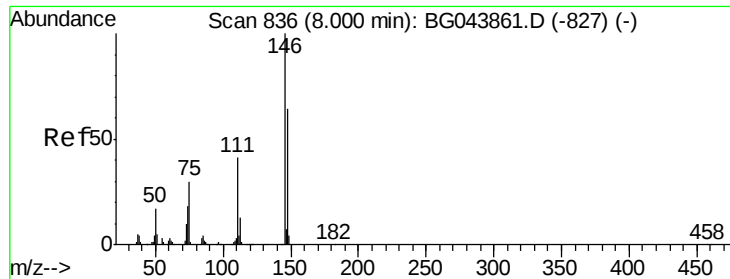
mohammad
1/7/2020 12:30:30 PM



#12
1,3-Dichlorobenzene
Concen: 39.412 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	339094		
148	63.7		52.1	78.1
75	29.8		23.0	34.4





#13

1,4-Dichlorobenzene

Concen: 40.397 ng

RT: 8.00 min Scan# 835

Delta R.T. -0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

Instrument :

BNA_G

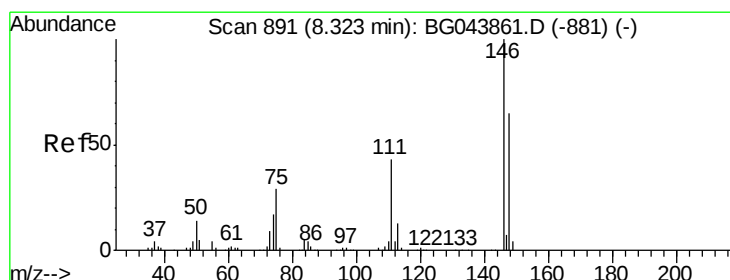
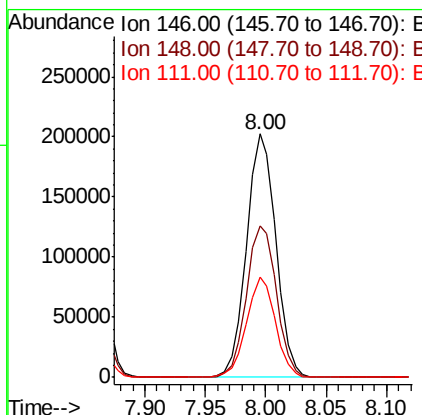
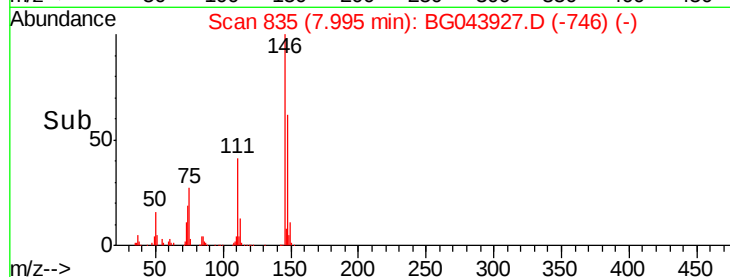
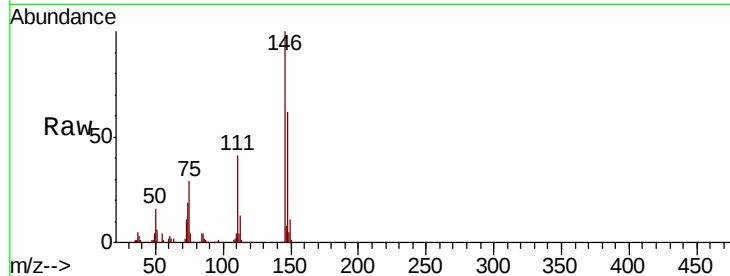
ClientSampleID :

PB125814BS

Tot Ion:	146	Resp:	342938
Ion Ratio	Lower	Upper	
146	100		
148	62.3	51.2	76.8
111	41.1	33.1	49.7

Manual Integrations
APPROVED

mohammad
1/7/2020 12:30:30 PM



#14

1,2-Dichlorobenzene

Concen: 39.907 ng

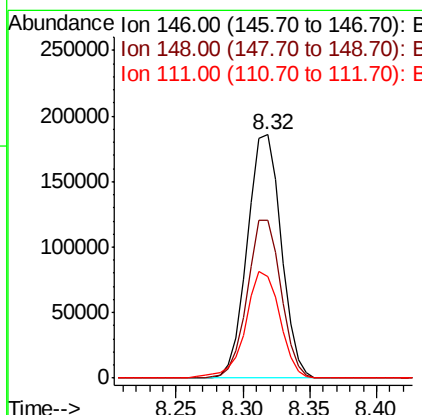
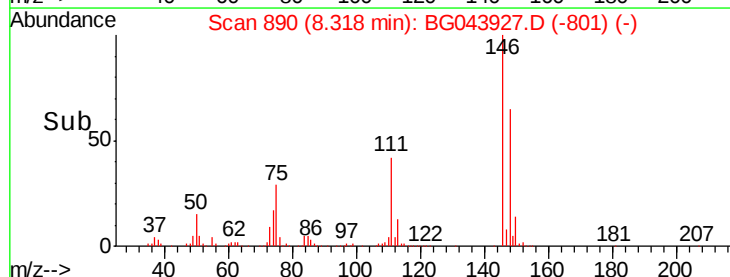
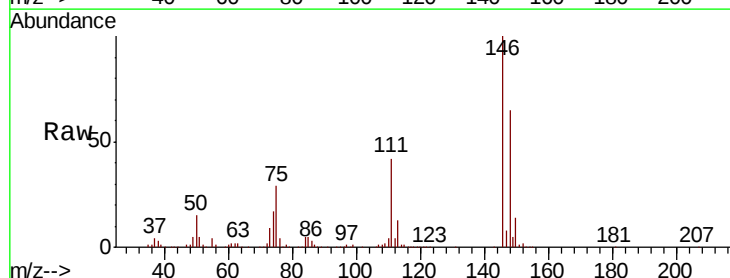
RT: 8.32 min Scan# 890

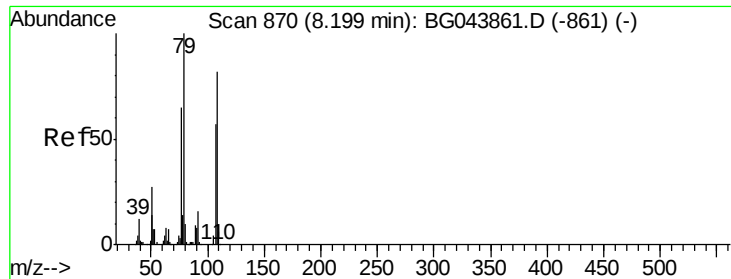
Delta R.T. -0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

Tgt Ion:	146	Resp:	325176
Ion Ratio	Lower	Upper	
146	100		
148	64.7	51.7	77.5
111	41.5	34.4	51.6





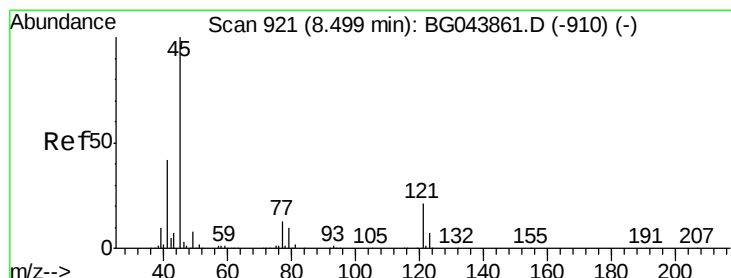
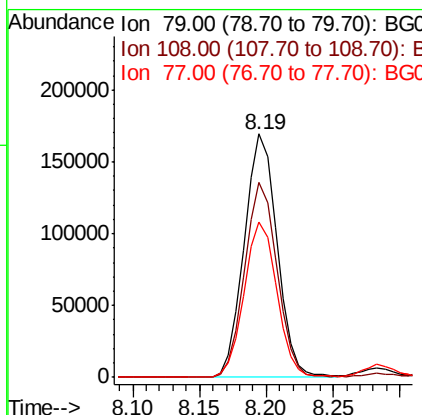
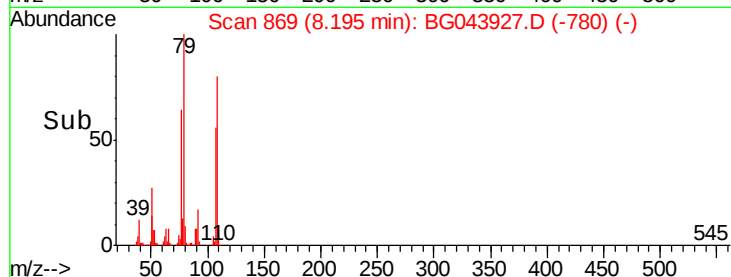
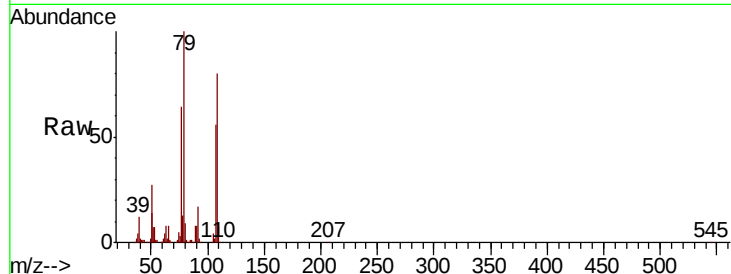
#15
Benzyl Alcohol
Concen: 41.603 ng
RT: 8.19 min Scan# 869
Delta R.T. -0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Instrument :
BNA_G
ClientSampleId :
PB125814BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.9	65.6	98.4
77	63.9	52.0	78.0

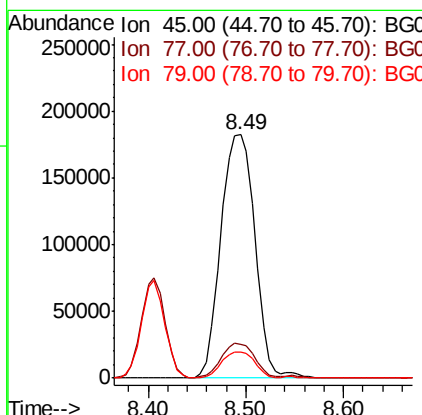
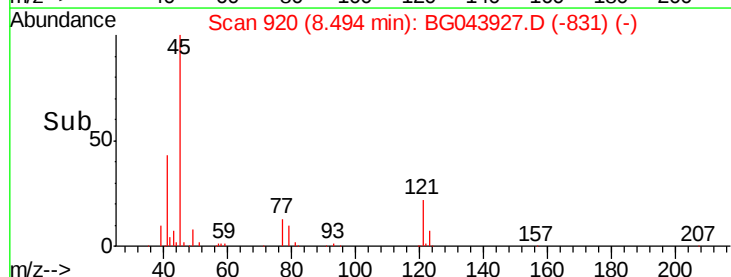
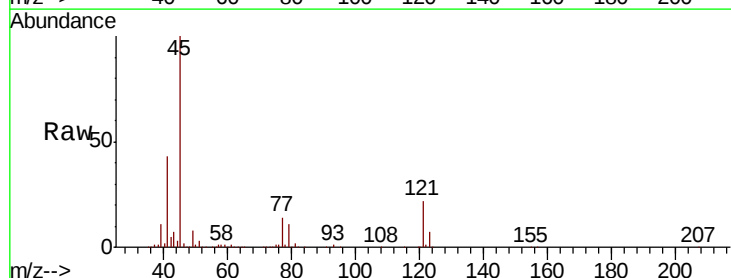
Manual Integrations
APPROVED

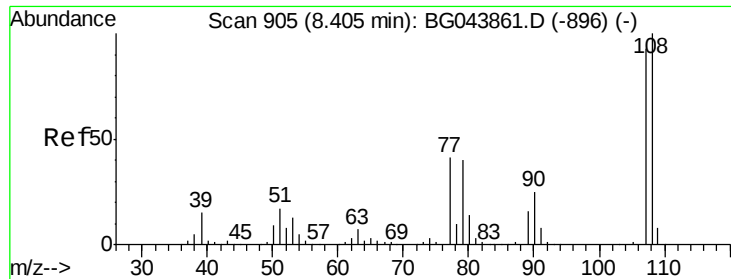
mohammad
1/7/2020 12:30:30 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.551 ng
RT: 8.49 min Scan# 920
Delta R.T. -0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.6	0.0	33.8
79	10.8	0.0	31.0





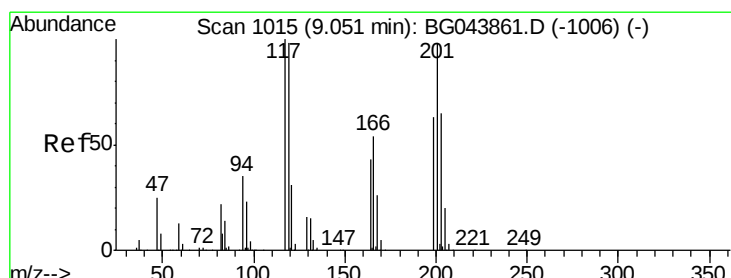
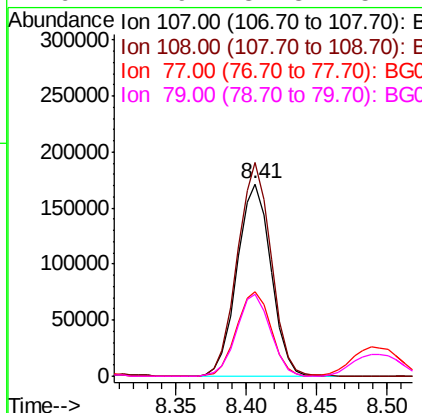
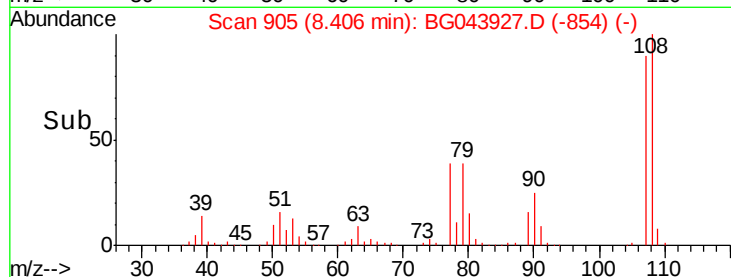
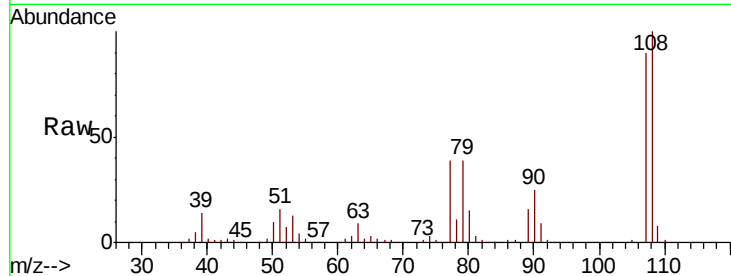
#17
2-Methylphenol
Concen: 44.374 ng
RT: 8.41 min Scan# 905
Delta R.T. 0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Instrument :
BNA_G
ClientSampleId :
PB125814BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.2	86.1	129.1	
77	43.8	35.4	53.0	
79	42.9	34.8	52.2	

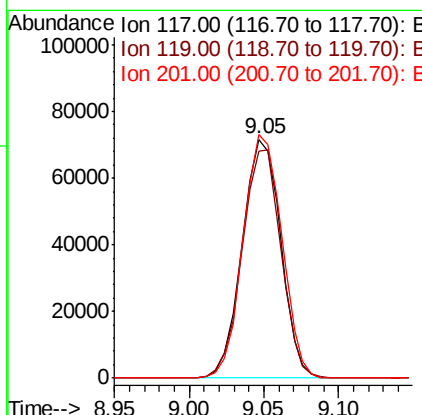
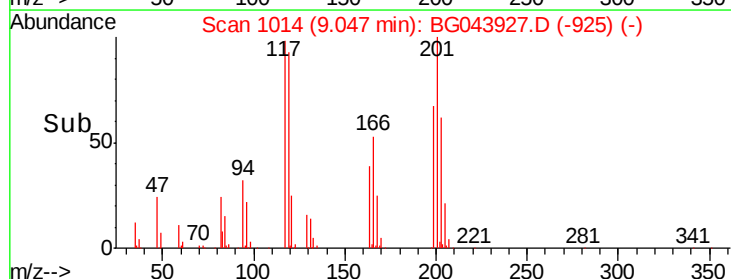
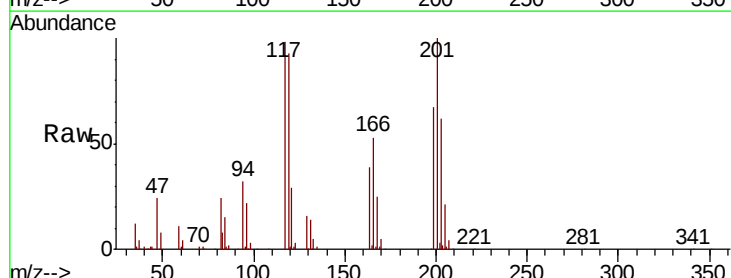
Manual Integrations
APPROVED

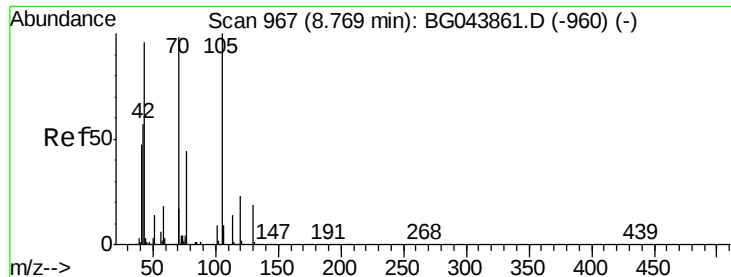
mohammad
1/7/2020 12:30:30 PM



#18
Hexachloroethane
Concen: 38.685 ng
RT: 9.05 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.9	78.1	117.1	
201	101.9	78.6	117.8	





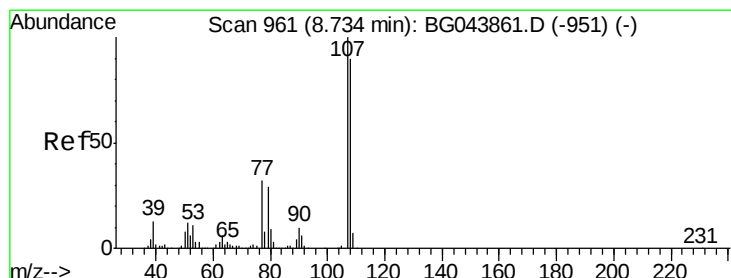
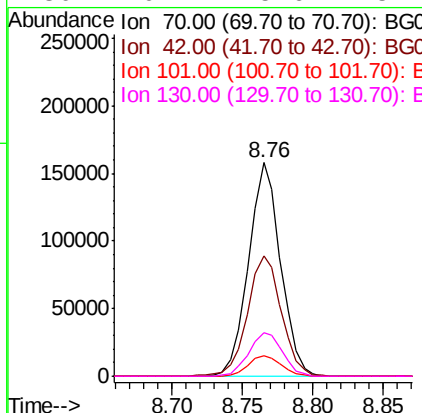
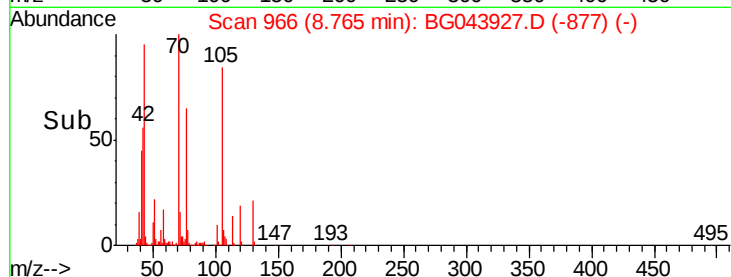
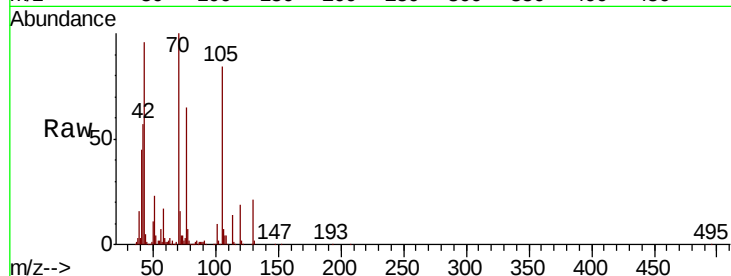
#19
n-Nitroso-di-n-propylamine
Concen: 38.546 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Instrument :
BNA_G
ClientSampleId :
PB125814BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.5	47.0	70.4
101	9.8	7.2	10.8
130	20.7	15.6	23.4

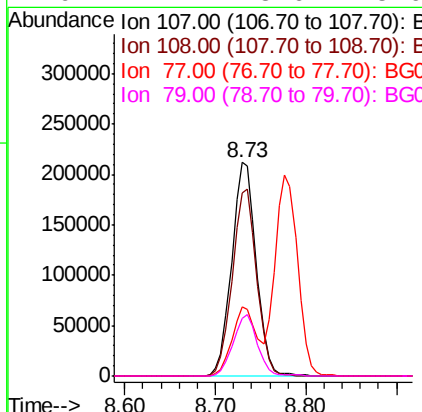
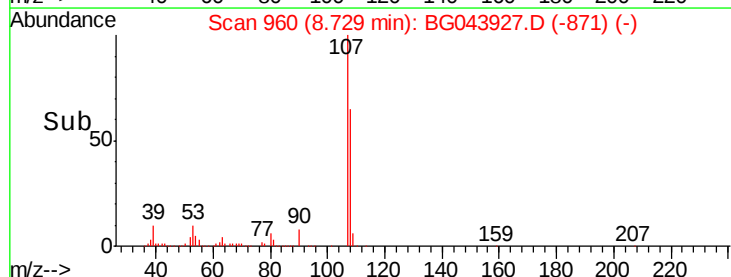
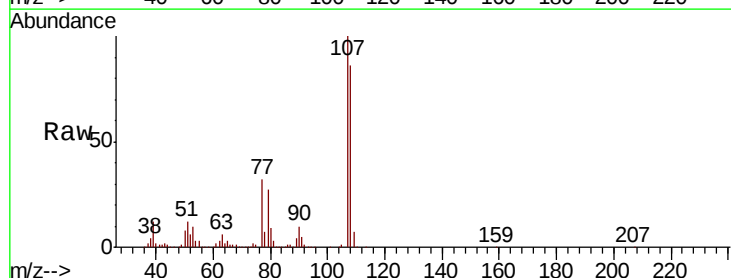
Manual Integrations
APPROVED

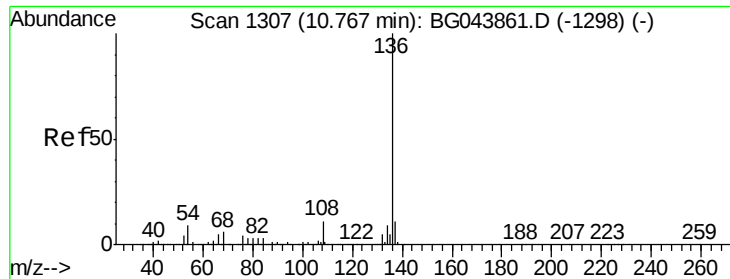
mohammad
1/7/2020 12:30:30 PM



#20
3+4-Methylphenols
Concen: 43.834 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.8	70.3	110.3
77	32.2	12.4	52.4
79	27.1	8.6	48.6





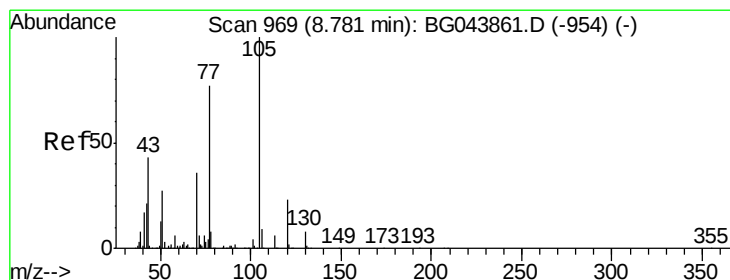
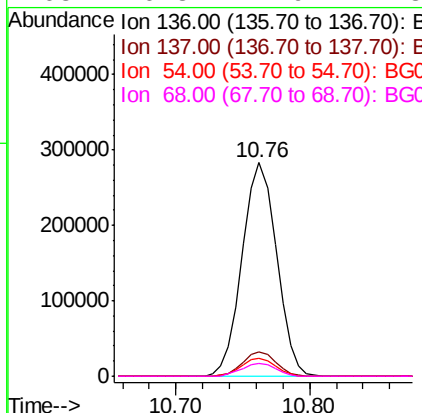
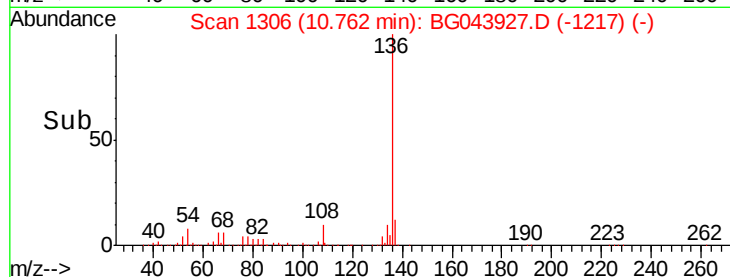
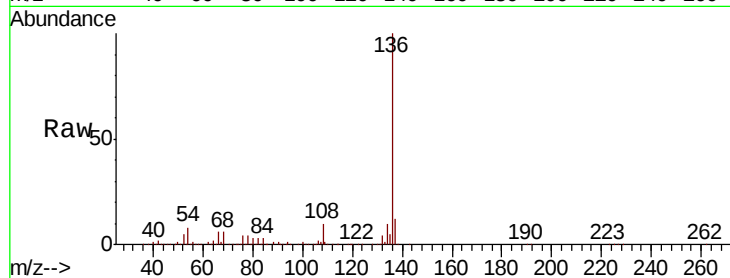
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Instrument :
BNA_G
ClientSampleId :
PB125814BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		508111		
137	11.6	8.8	13.2		
54	8.3	7.0	10.4		
68	6.3	4.9	7.3		

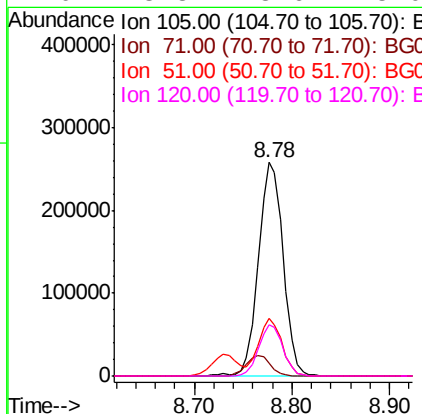
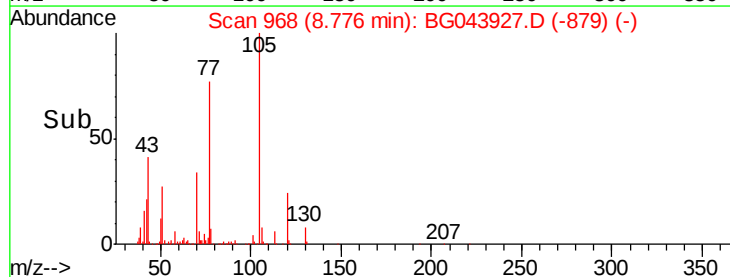
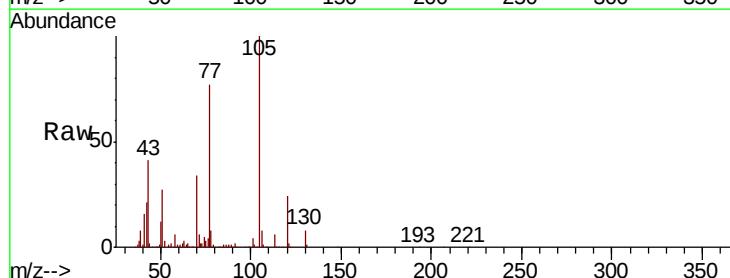
Manual Integrations
APPROVED

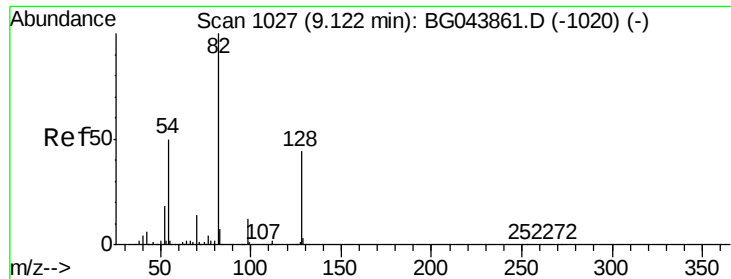
mohammad
1/7/2020 12:30:30 PM



#22
Acetophenone
Concen: 36.534 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		461504		
71	5.9	4.8	7.2		
51	27.3	21.4	32.0		
120	23.8	18.6	28.0		





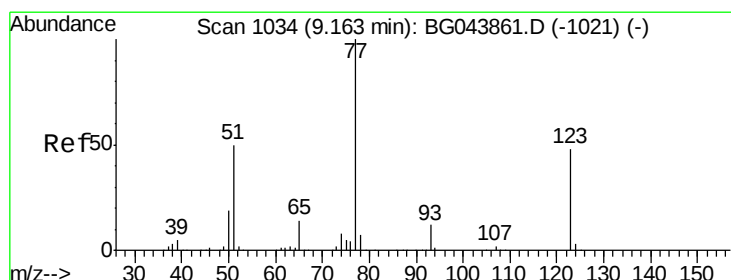
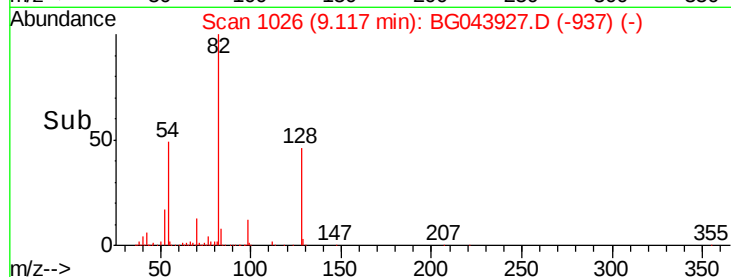
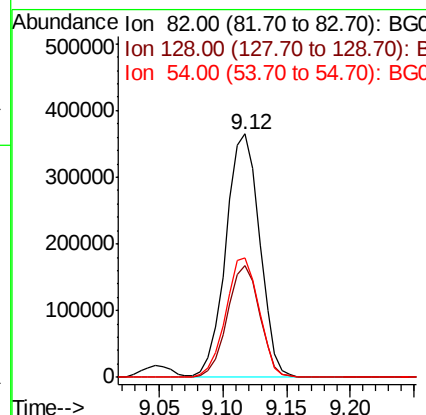
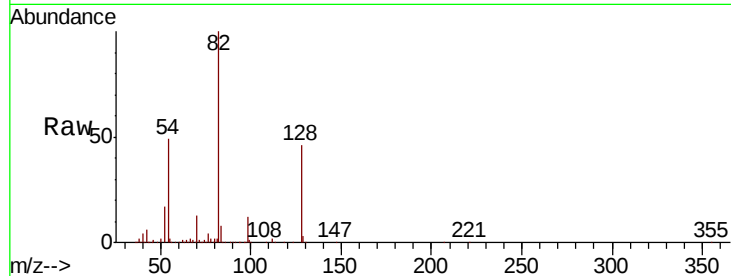
#23
Nitrobenzene-d5
Concen: 70.603 ng
RT: 9.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Instrument :
BNA_G
ClientSampleId :
PB125814BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	670596		
128	46.0		35.1	52.7
54	48.9		40.1	60.1

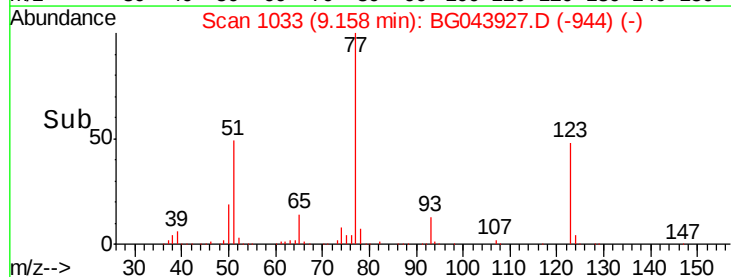
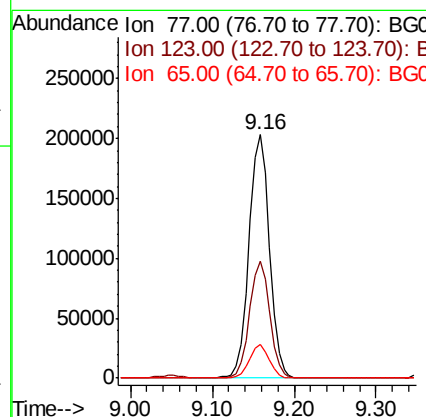
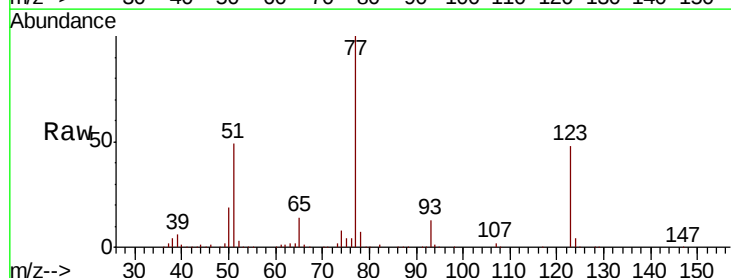
Manual Integrations
APPROVED

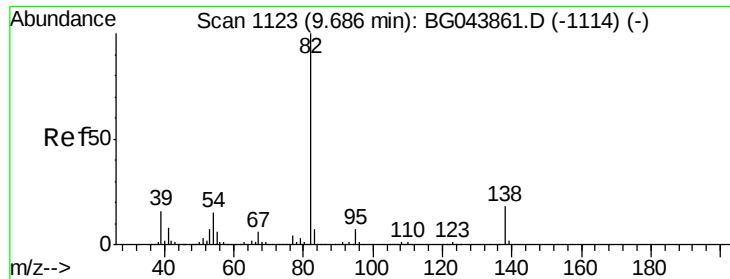
mohammad
1/7/2020 12:30:30 PM



#24
Nitrobenzene
Concen: 37.643 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	354119		
123	47.9		38.7	58.1
65	13.6		11.1	16.7





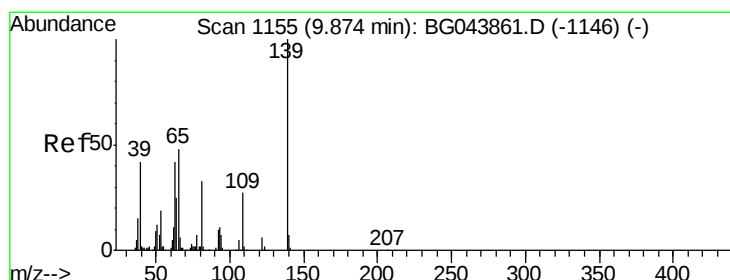
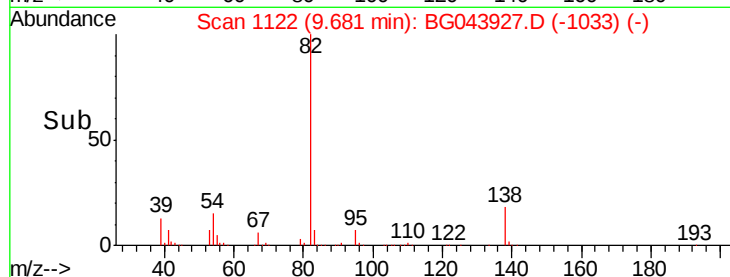
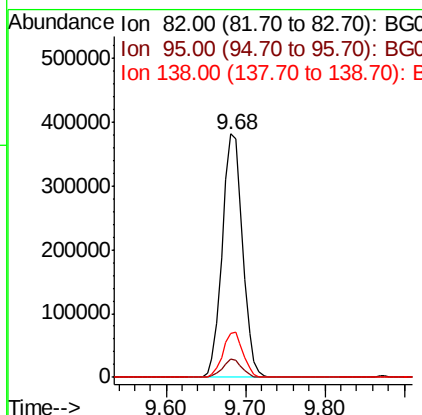
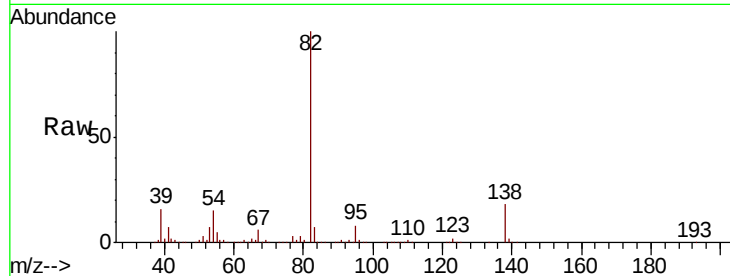
#25
Isophorone
Concen: 37.873 ng
RT: 9.68 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Instrument :
BNA_G
ClientSampleId :
PB125814BS

Tot Ion	82	Resp	674877
Ion Ratio	Lower	Upper	
82	100		
95	7.5	5.8	8.6
138	18.3	14.6	22.0

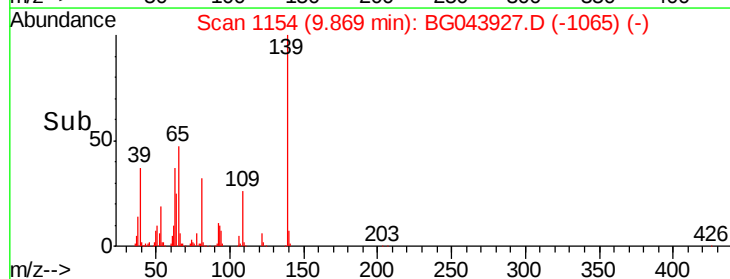
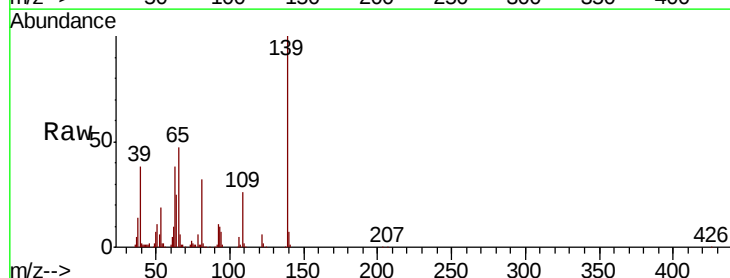
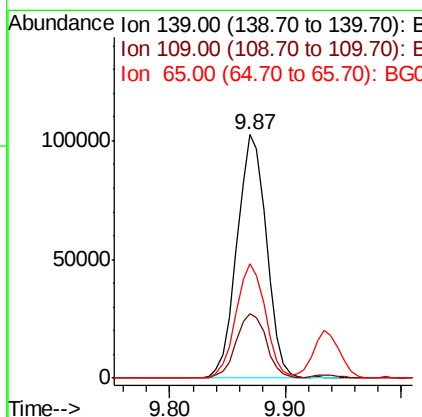
Manual Integrations
APPROVED

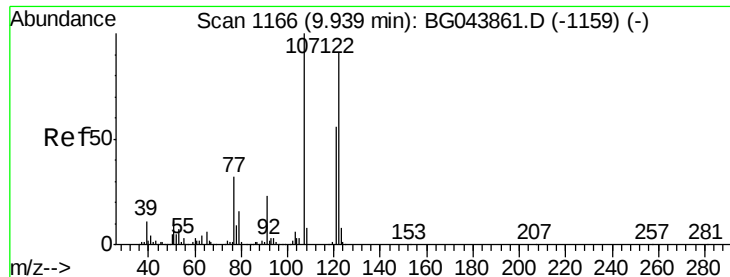
mohammad
1/7/2020 12:30:30 PM



#26
2-Nitrophenol
Concen: 40.746 ng
RT: 9.87 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Tgt Ion	139	Resp	181349
Ion Ratio	Lower	Upper	
139	100		
109	26.4	21.3	31.9
65	47.2	38.6	57.8





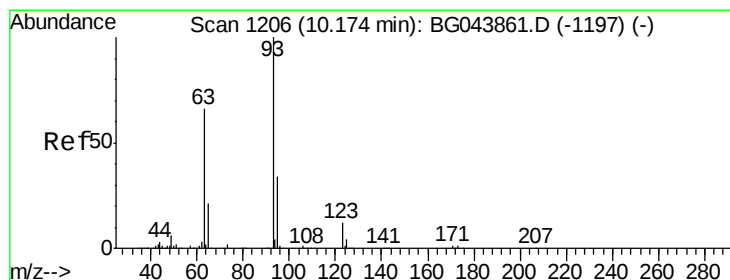
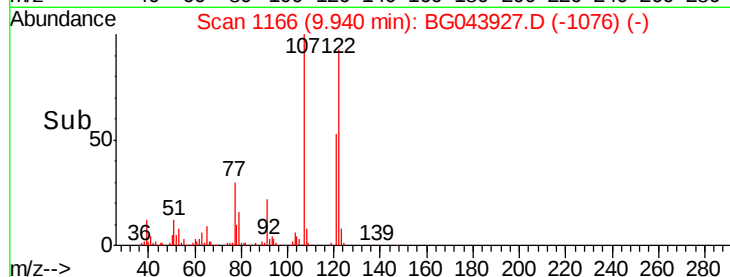
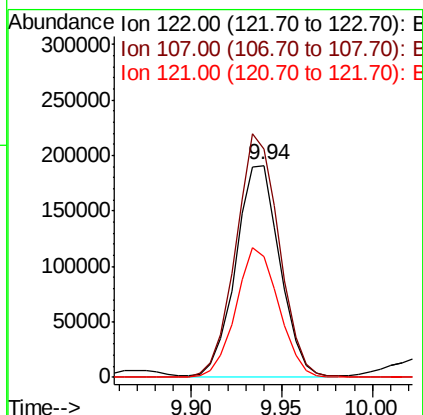
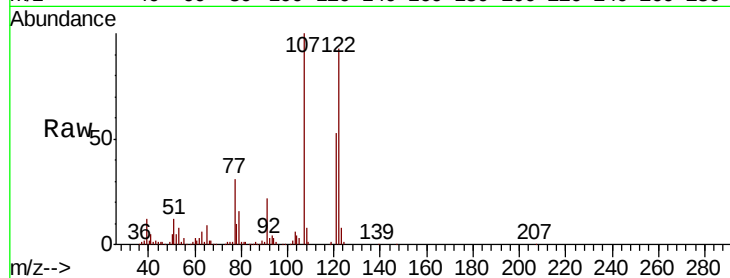
#27
2,4-Dimethylphenol
Concen: 48.214 ng
RT: 9.94 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Instrument :
BNA_G
ClientSampleId :
PB125814BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	323015		
107	107.7	88.0	132.0	
121	56.9	49.0	73.4	

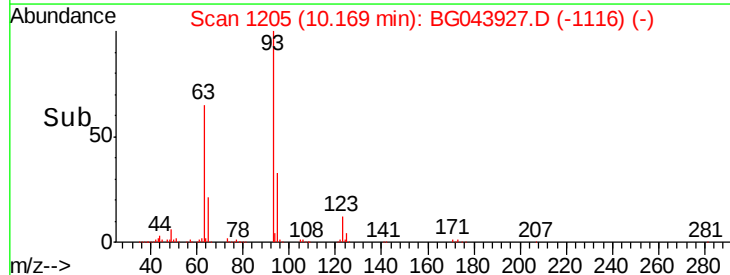
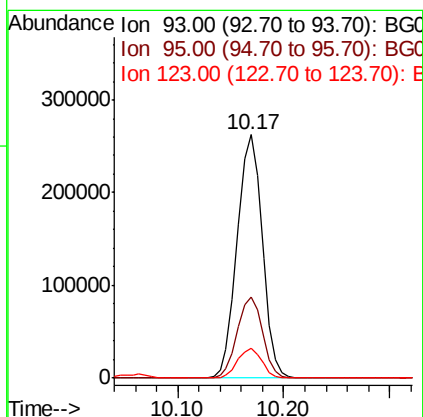
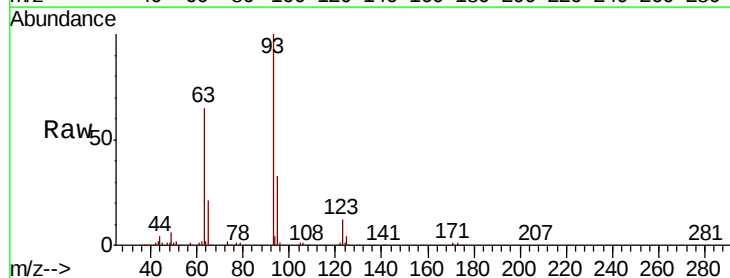
Manual Integrations
APPROVED

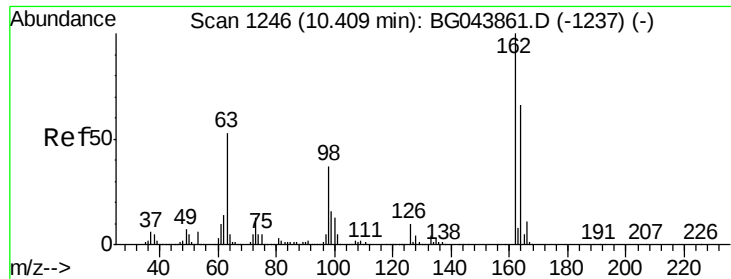
mohammad
1/7/2020 12:30:30 PM



#28
bis(2-Chloroethoxy)methane
Concen: 36.377 ng
RT: 10.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	432153		
95	33.3	27.2	40.8	
123	12.0	9.7	14.5	





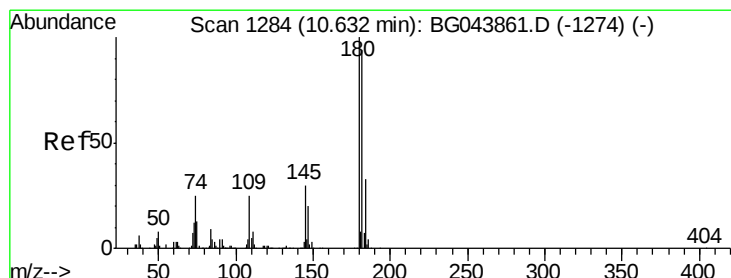
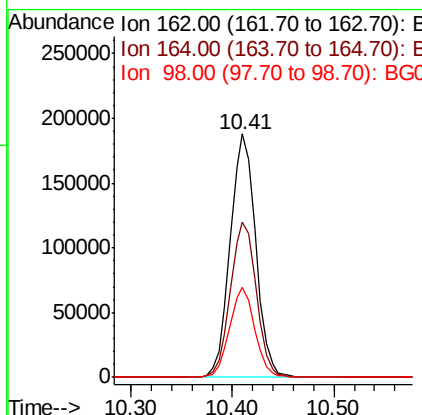
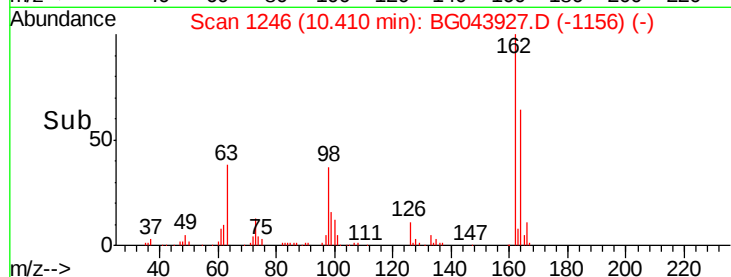
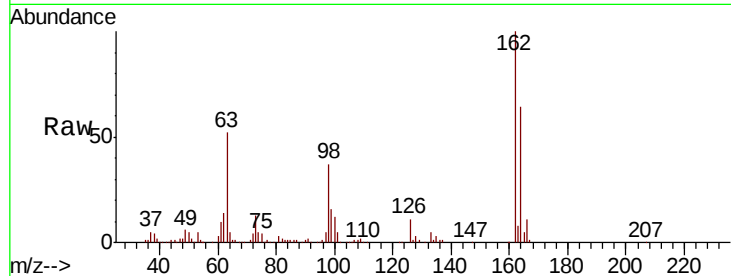
#29
 2,4-Dichlorophenol
 Concen: 41.075 ng
 RT: 10.41 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BG043927.D
 Acq: 6 Jan 2020 11:11

Instrument :
 BNA_G
 ClientSampleId :
 PB125814BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	328254		
164	63.5	46.3	86.3	
98	37.0	17.3	57.3	

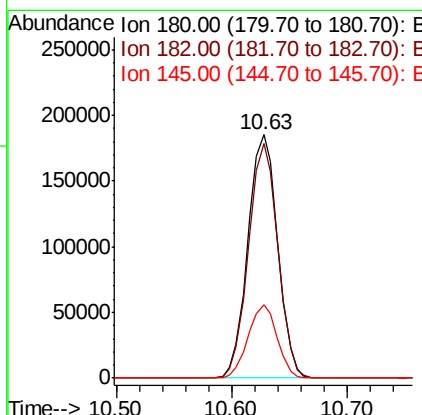
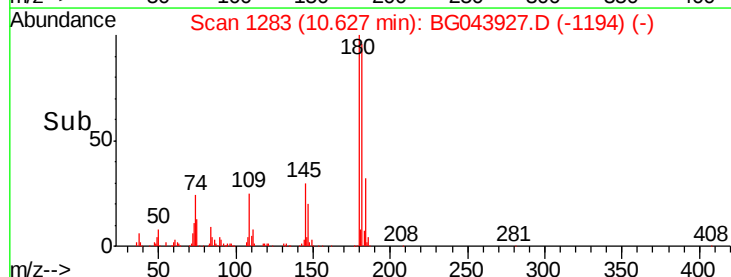
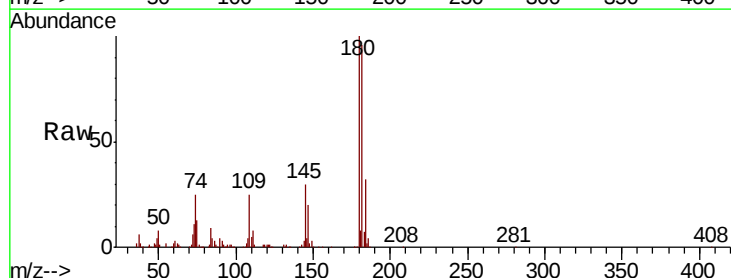
Manual Integrations
 APPROVED

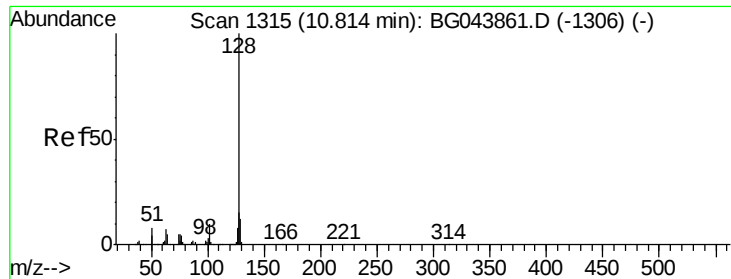
mohammad
 1/7/2020 12:30:30 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 37.142 ng
 RT: 10.63 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: BG043927.D
 Acq: 6 Jan 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	332806		
182	96.2	75.0	112.4	
145	29.9	24.2	36.4	





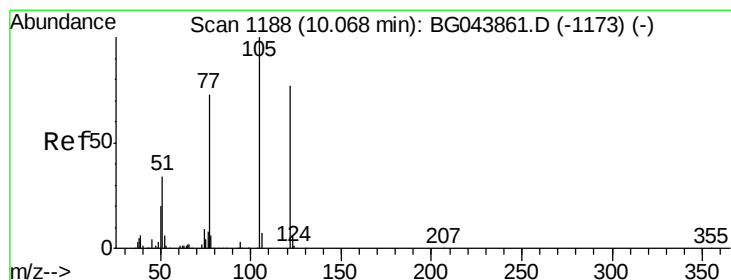
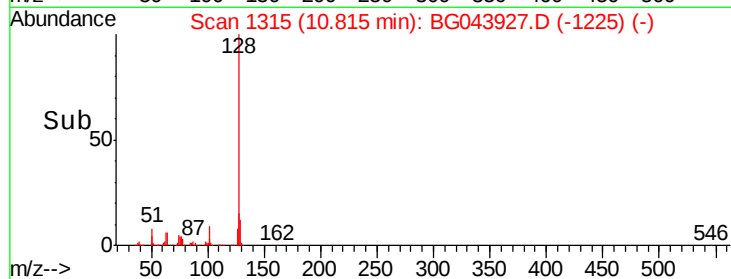
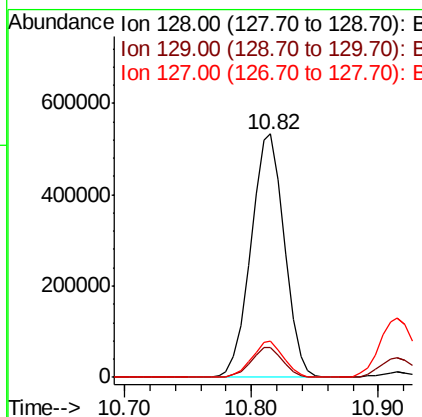
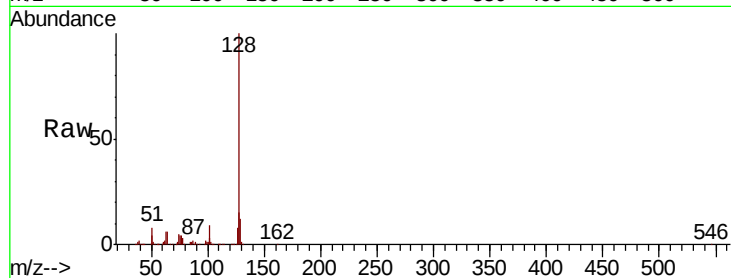
#31
Naphthalene
Concen: 39.736 ng
RT: 10.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Instrument :
BNA_G
ClientSampleId :
PB125814BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.8	14.6
127	14.6	12.0	18.0

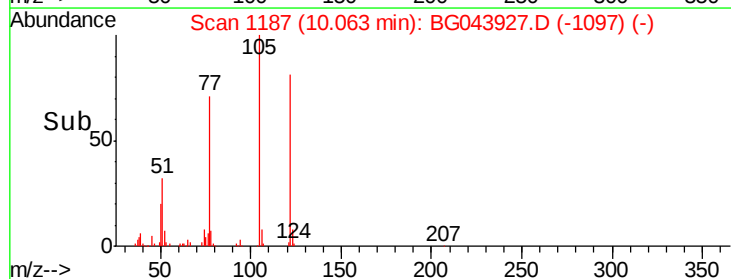
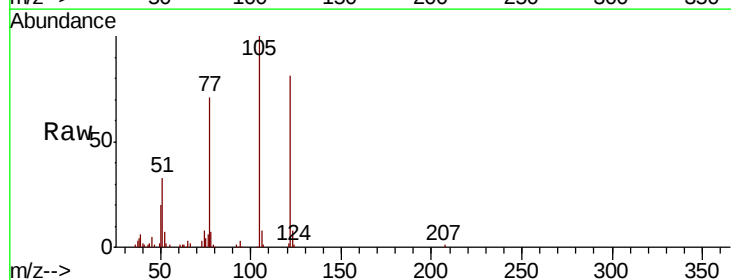
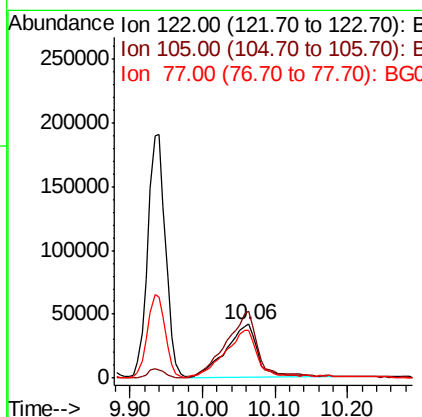
Manual Integrations
APPROVED

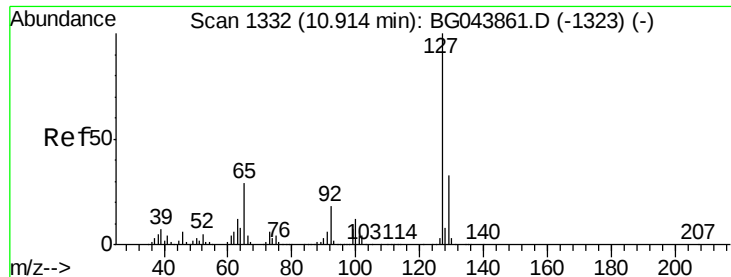
mohammad
1/7/2020 12:30:30 PM



#32
Benzoic acid
Concen: 26.707 ng
RT: 10.06 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.7	106.4	146.4
77	87.7	74.6	114.6





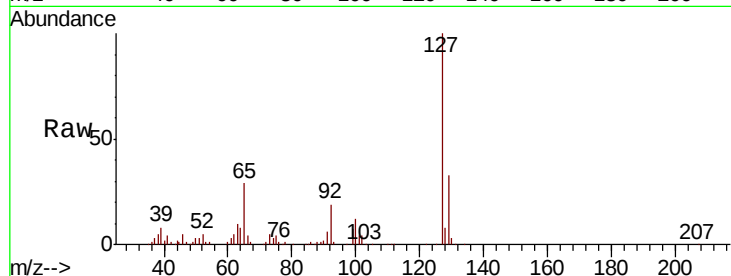
#33
4-Chloroaniline
Concen: 21.191 ng
RT: 10.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Instrument :
BNA_G
ClientSampleId :
PB125814BS

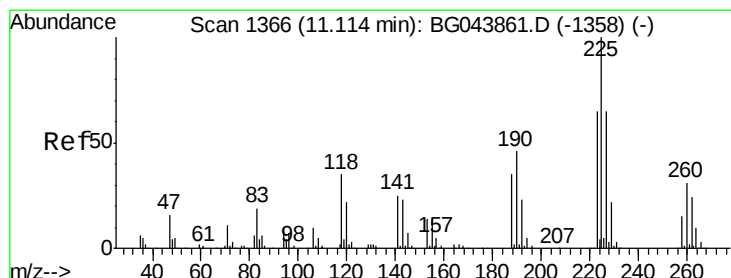
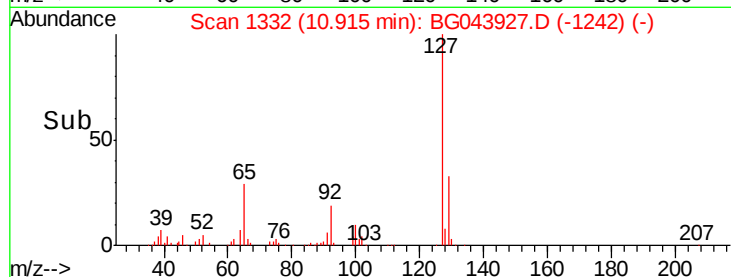
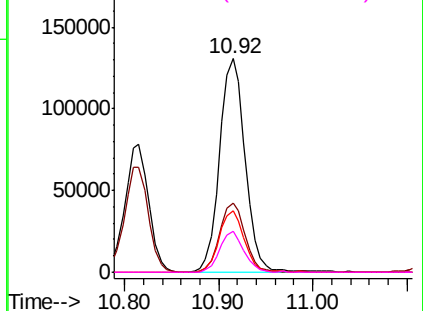
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.6	26.6	40.0	
65	28.8	23.3	34.9	
92	19.0	14.7	22.1	

Manual Integrations
APPROVED

mohammad
1/7/2020 12:30:30 PM

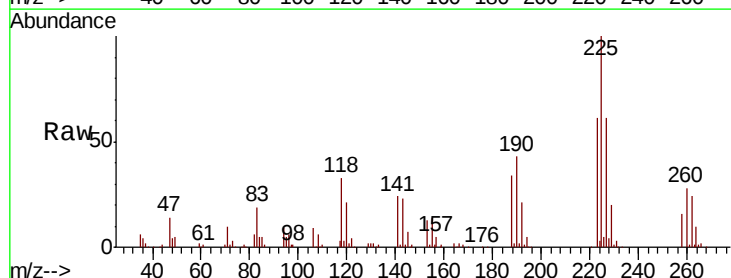


Abundance Ion 127.00 (126.70 to 127.70): E
200000 Ion 129.00 (128.70 to 129.70): E
150000 Ion 65.00 (64.70 to 65.70): BGC
100000 Ion 92.00 (91.70 to 92.70): BGC
50000
0

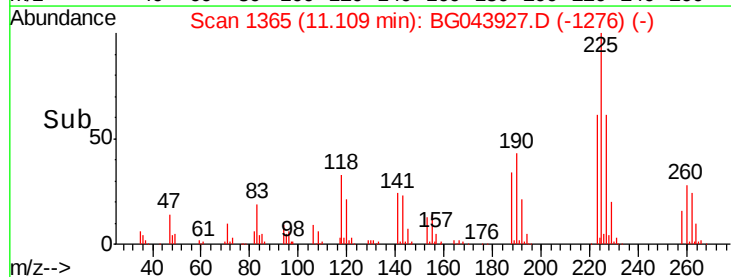
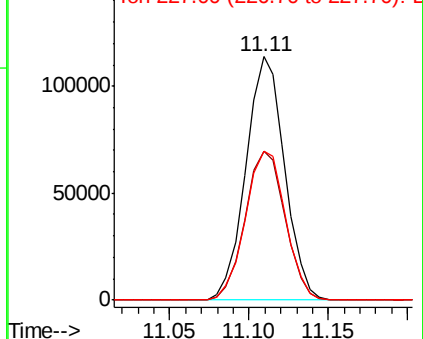


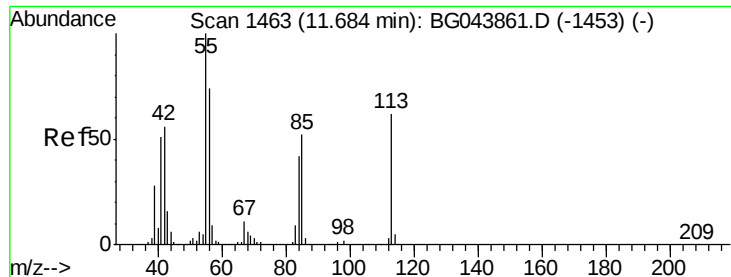
#34
Hexachlorobutadiene
Concen: 35.180 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.0	52.2	78.4	
227	61.4	52.1	78.1	



Abundance Ion 225.00 (224.70 to 225.70): E
150000 Ion 223.00 (222.70 to 223.70): E
100000 Ion 227.00 (226.70 to 227.70): E
50000
0





#35

Caprolactam

Concen: 41.313 ng/ml

RT: 11.68 min Scan# 1462

Delta R.T. -0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

Instrument :

BNA_G

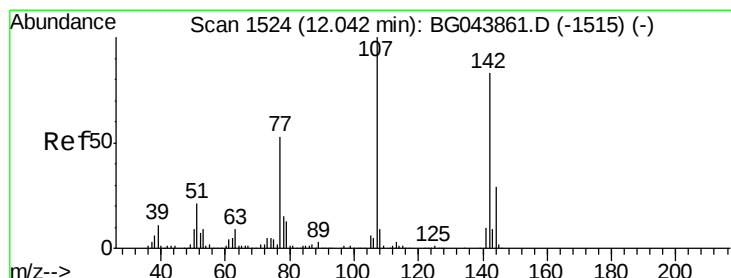
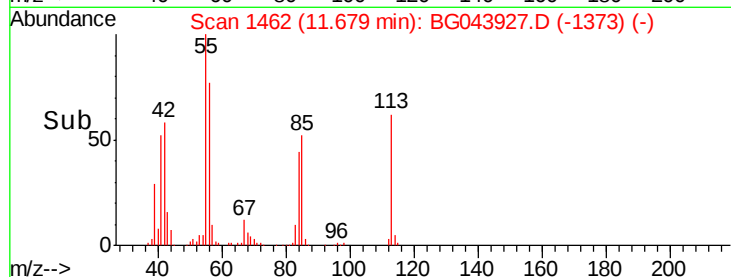
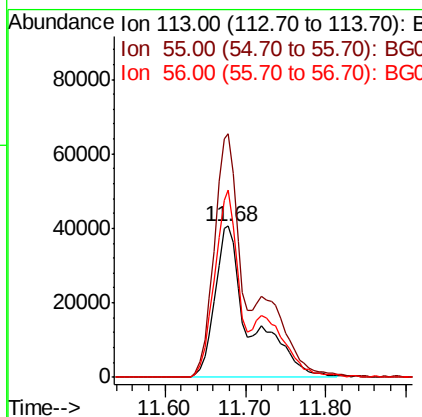
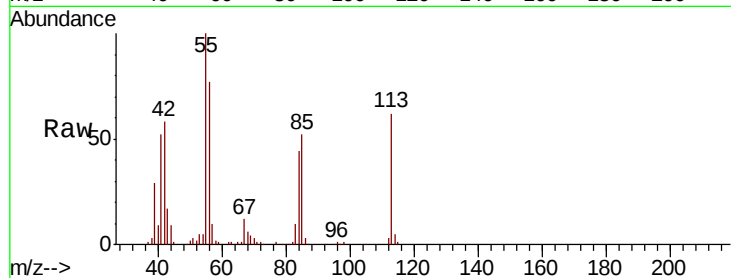
ClientSampleId :

PB125814BS

Tot Ion:	113	Resp:	122906
Ion	Ratio	Lower	Upper
113	100		
55	161.2	142.5	182.5
56	123.7	101.4	141.4

Manual Integrations
APPROVED

mohammad
1/7/2020 12:30:30 PM



#36

4-Chloro-3-methylphenol

Concen: 41.478 ng/ml

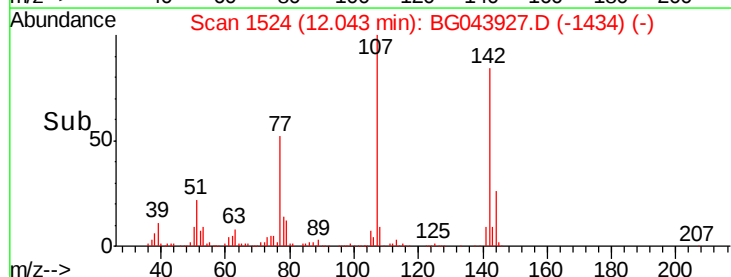
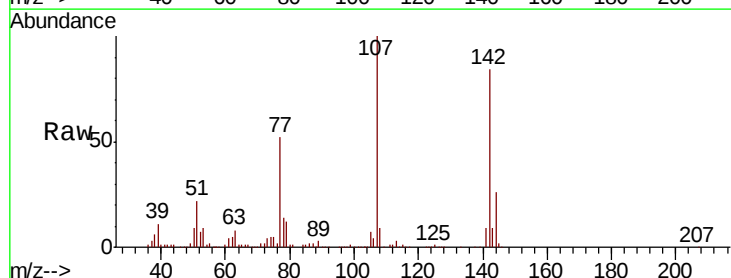
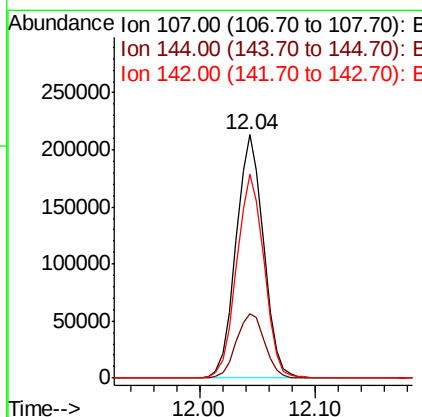
RT: 12.04 min Scan# 1524

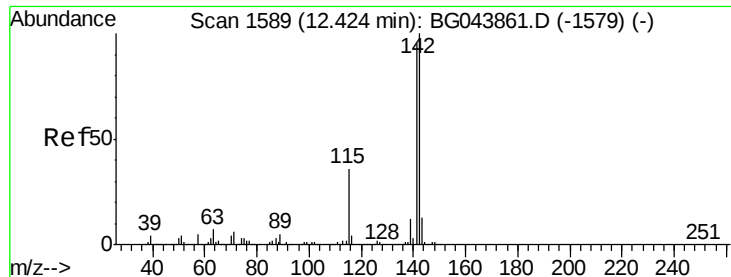
Delta R.T. 0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

Tgt Ion:	107	Resp:	352866
Ion	Ratio	Lower	Upper
107	100		
144	26.4	23.4	35.2
142	83.5	66.3	99.5





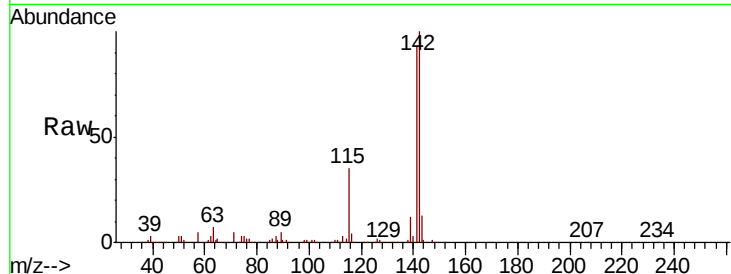
#37
2-Methylnaphthalene
Concen: 39.526 ng
RT: 12.42 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Instrument :
BNA_G
ClientSampleId :
PB125814BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.0	75.8	113.8
115	34.7	28.6	42.8

Manual Integrations
APPROVED

mohammad
1/7/2020 12:30:30 PM

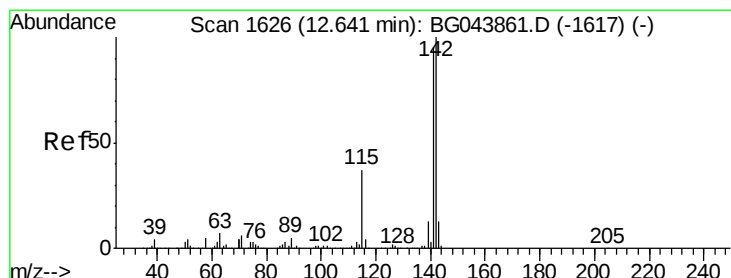
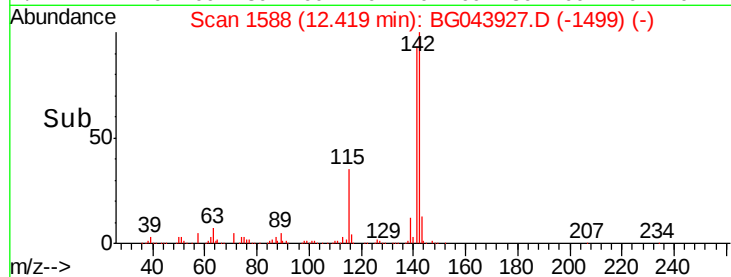
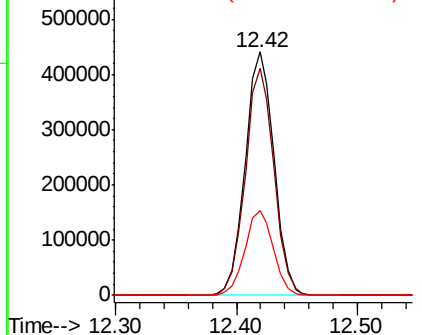


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 40.046 ng
RT: 12.64 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

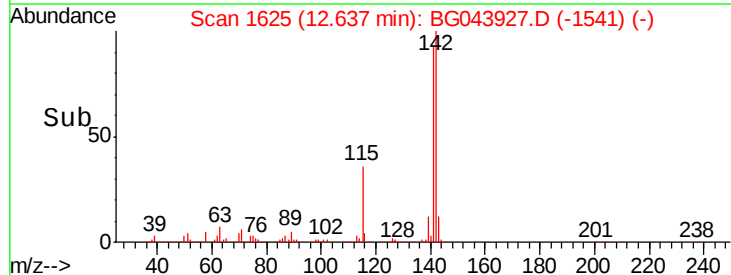
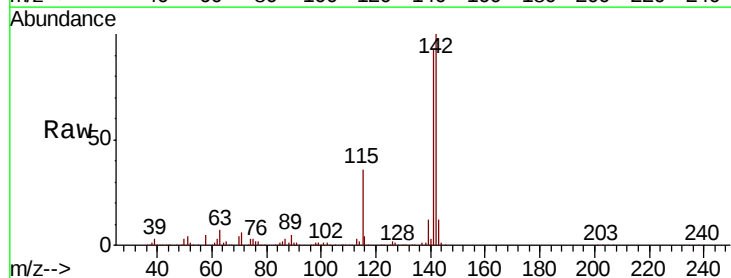
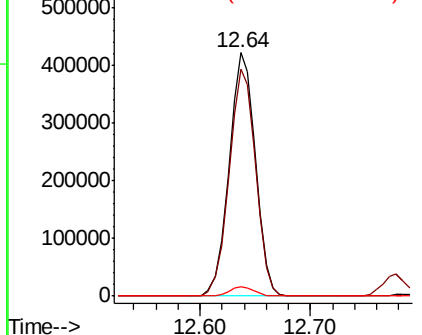
Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	76.0	114.0
116	3.8	3.1	4.7

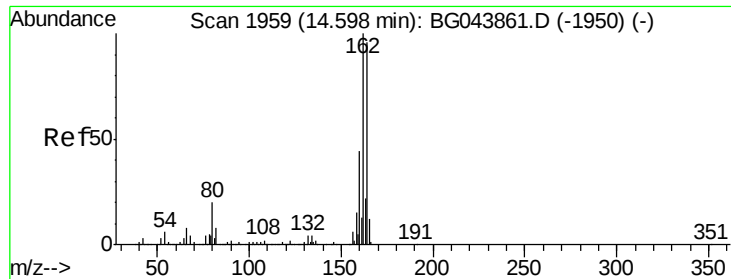
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





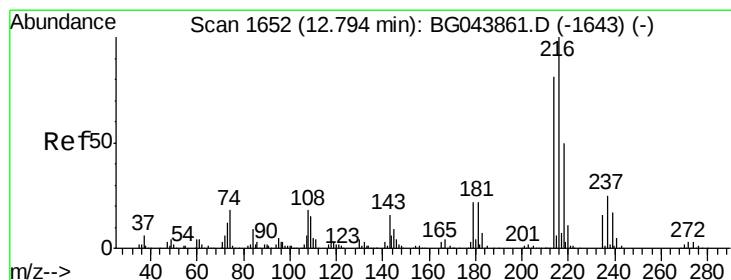
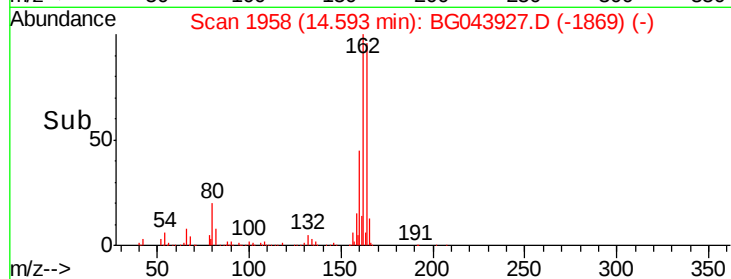
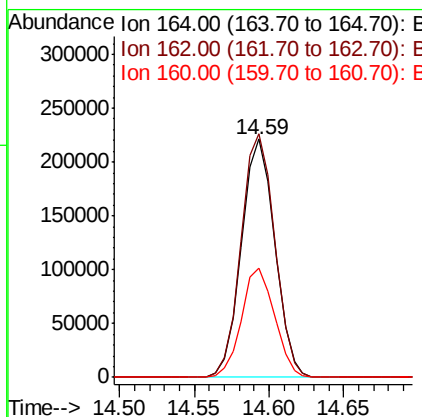
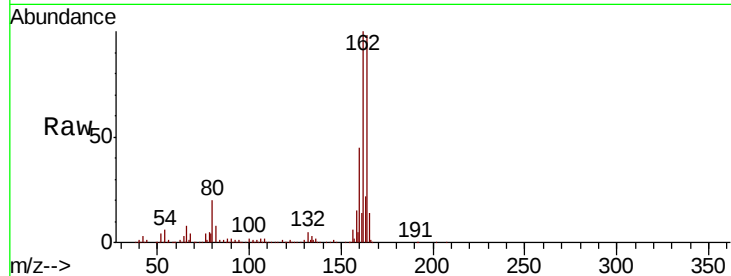
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Instrument :
BNA_G
ClientSampleId :
PB125814BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.3	83.0	124.4	
160	45.9	36.1	54.1	

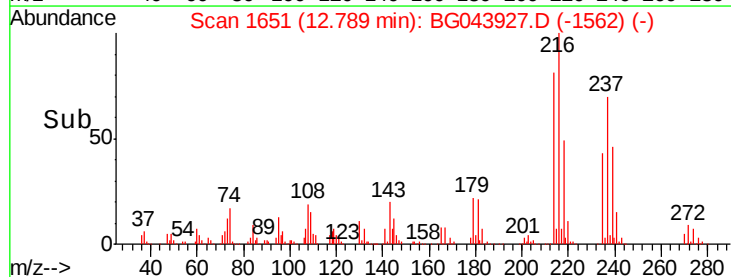
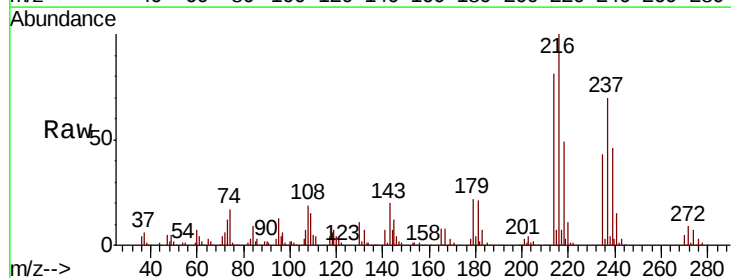
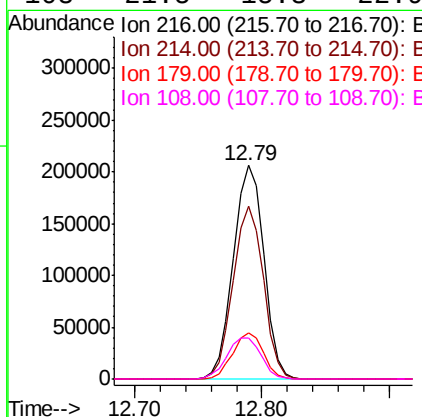
Manual Integrations
APPROVED

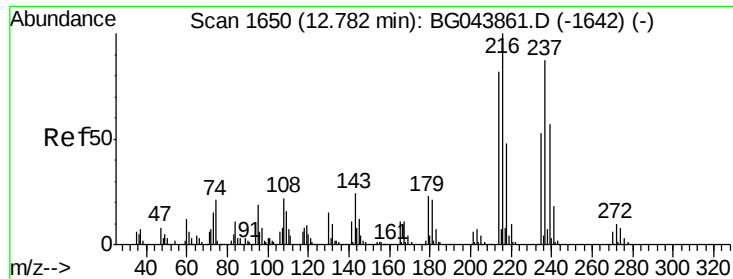
mohammad
1/7/2020 12:30:30 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.205 ng
RT: 12.79 min Scan# 1651
Delta R.T. -0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.0	63.8	95.8	
179	21.6	17.3	25.9	
108	21.5	15.3	22.9	





#41

Hexachlorocyclopentadiene

Concen: 87.748 ng

RT: 12.78 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

Instrument :

BNA_G

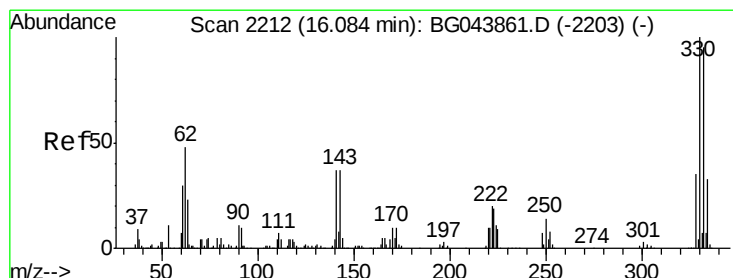
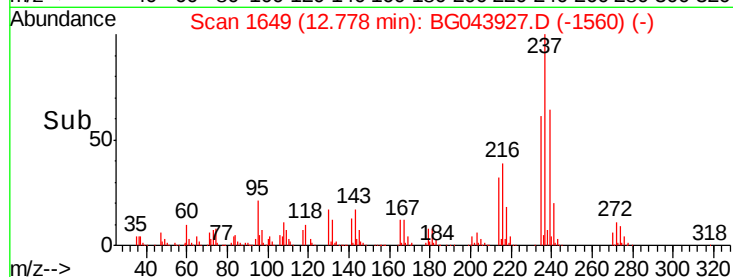
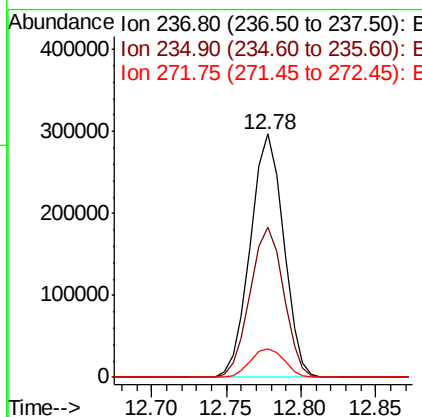
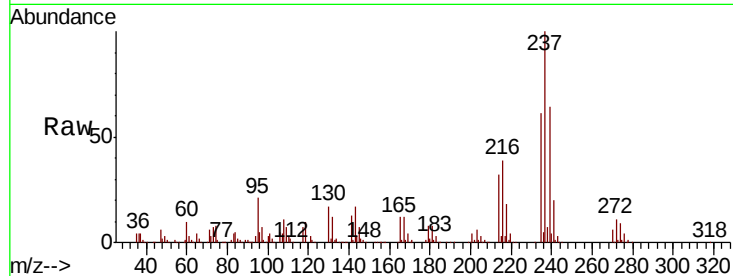
ClientSampleId :

PB125814BS

Tot Ion:	237	Resp:	456935
Ion Ratio	Lower	Upper	
237	100		
235	61.4	41.1	81.1
272	11.5	0.0	31.7

Manual Integrations
APPROVED

mohammad
1/7/2020 12:30:30 PM



#42

2,4,6-Tribromophenol

Concen: 113.265 ng

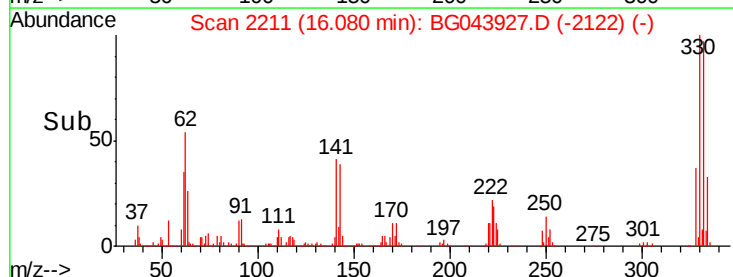
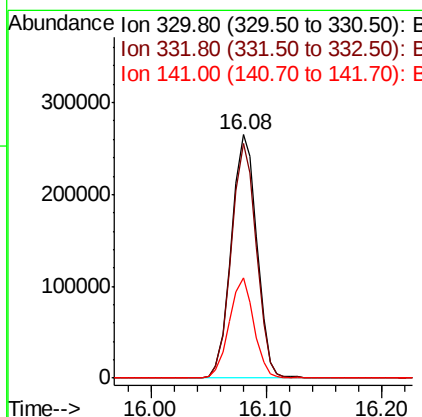
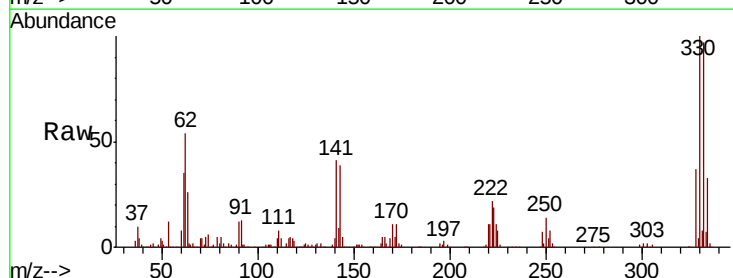
RT: 16.08 min Scan# 2211

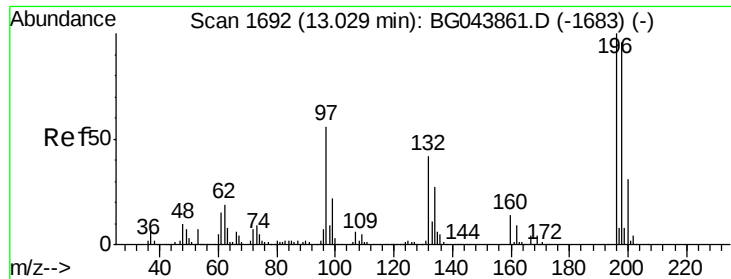
Delta R.T. -0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

Tgt Ion:	330	Resp:	406192
Ion Ratio	Lower	Upper	
330	100		
332	94.9	77.2	115.8
141	39.6	33.1	49.7





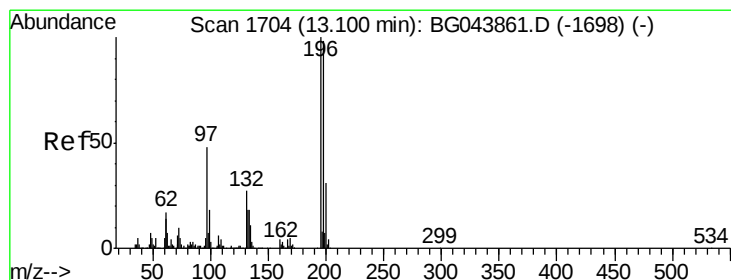
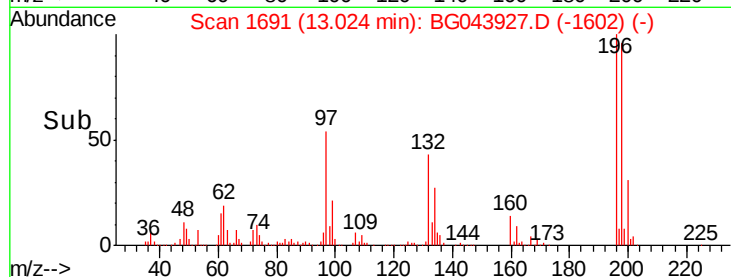
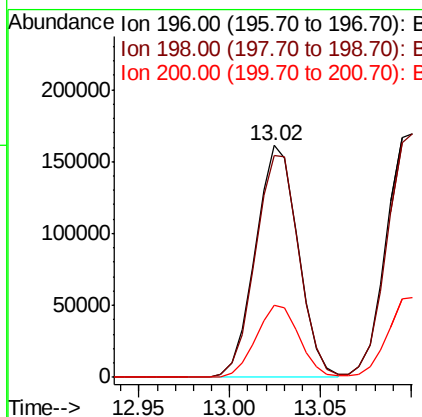
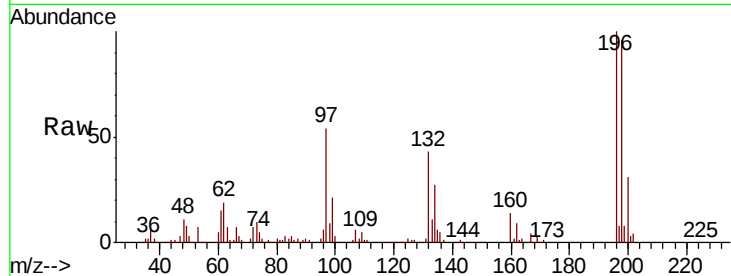
#43
2,4,6-Trichlorophenol
Concen: 38.099 ng
RT: 13.02 min Scan# 1691
Delta R.T. -0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Instrument :
BNA_G
ClientSampleId :
PB125814BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	263316		
198	95.6	76.6	115.0	
200	31.3	24.6	37.0	

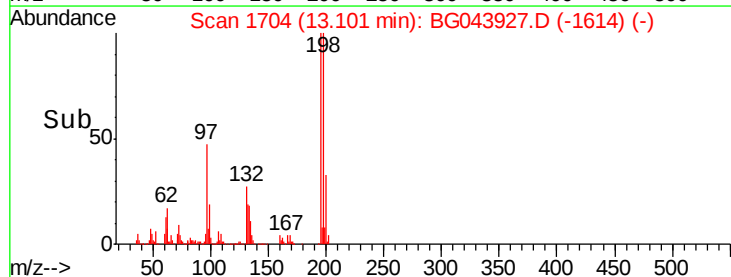
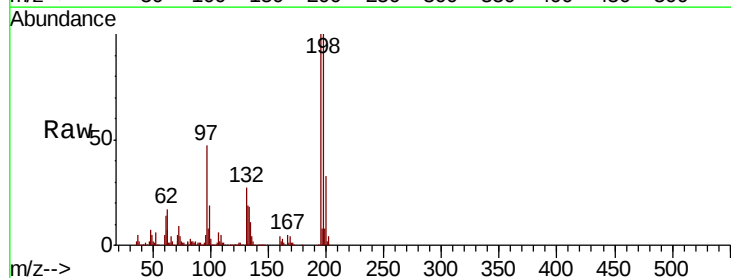
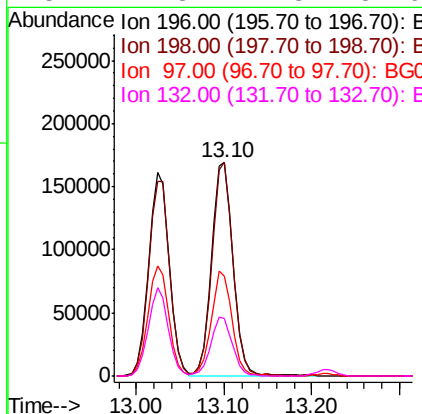
Manual Integrations
APPROVED

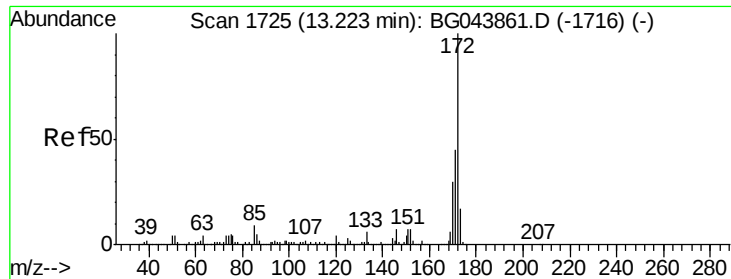
mohammad
1/7/2020 12:30:30 PM



#44
2,4,5-Trichlorophenol
Concen: 40.353 ng
RT: 13.10 min Scan# 1704
Delta R.T. 0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	287641		
198	100.2	78.3	117.5	
97	46.8	38.8	58.2	
132	27.3	21.3	31.9	





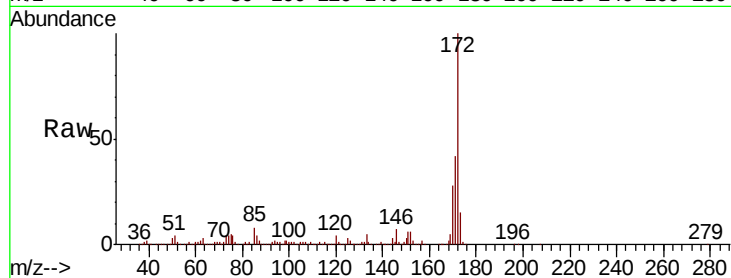
#45
2-Fluorobiphenyl
Concen: 77.648 ng
RT: 13.22 min Scan# 1724
Delta R.T. -0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Instrument :
BNA_G
ClientSampleId :
PB125814BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	41.7	35.8	53.8
170	27.9	24.2	36.4

Manual Integrations
APPROVED

mohammad
1/7/2020 12:30:30 PM

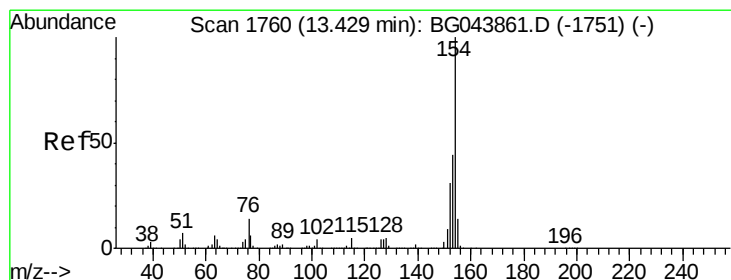
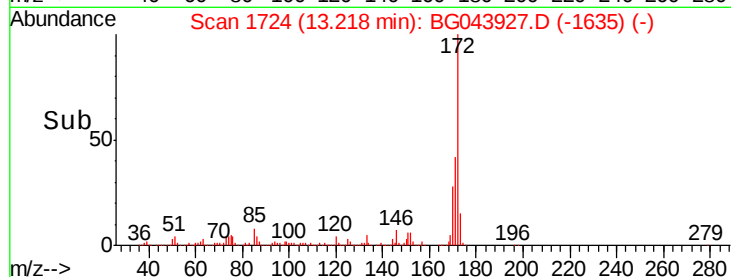
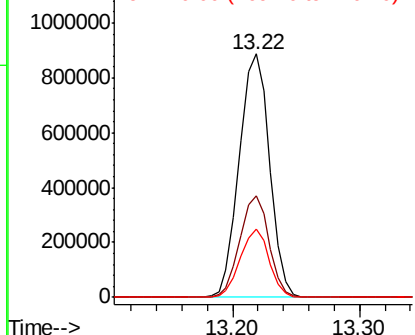


Abundance

Ion 172.00 (171.70 to 172.70): E

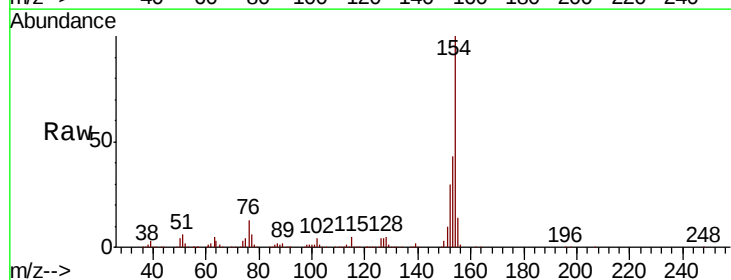
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 37.720 ng
RT: 13.43 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.4	23.6	63.6
76	13.4	0.0	34.4

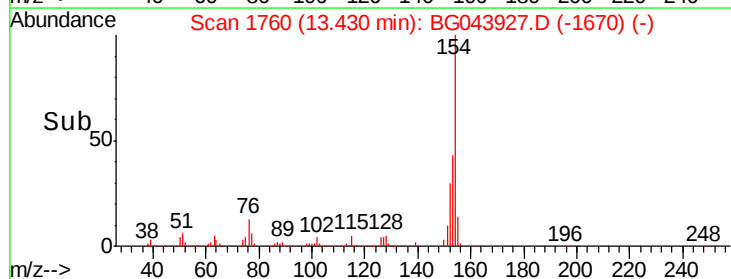
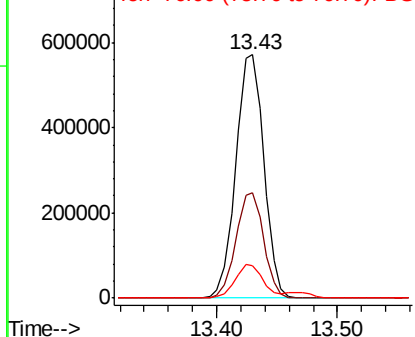


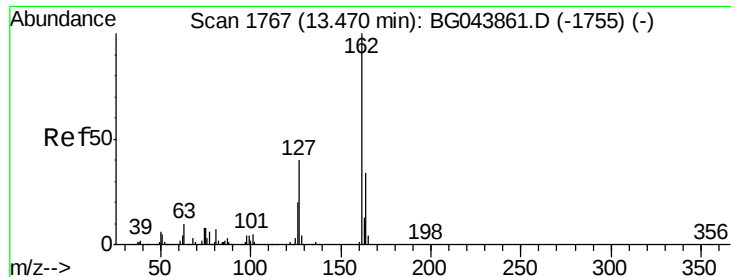
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





#47

2-Chloronaphthalene

Concen: 36.669 ng

RT: 13.47 min Scan# 1767

Delta R.T. 0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

Instrument :

BNA_G

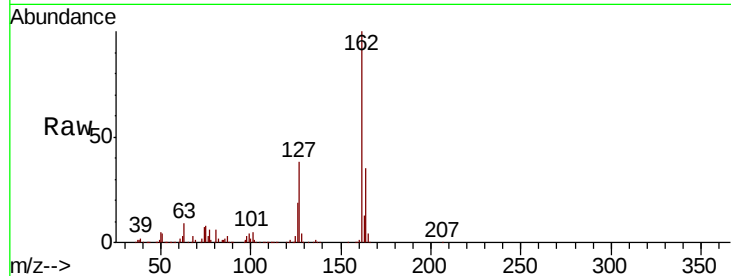
ClientSampleId :

PB125814BS

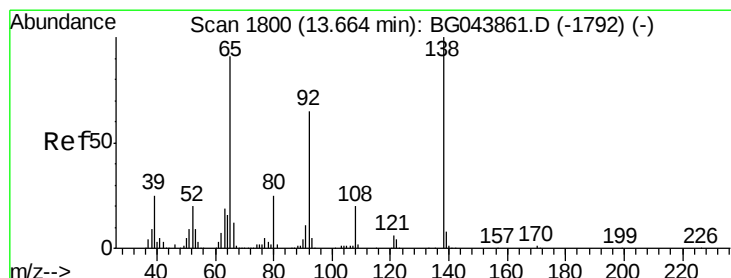
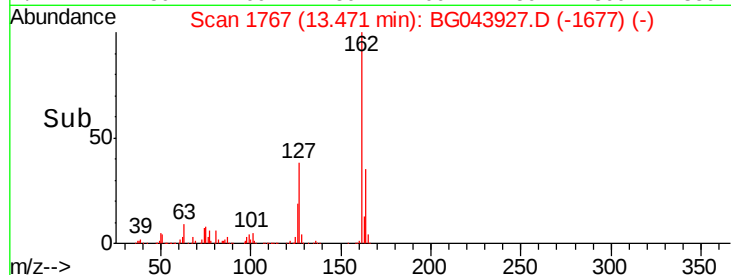
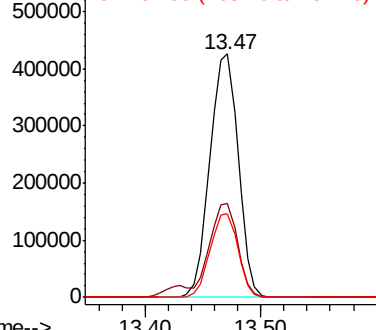
Tot Ion:	162	Resp:	728049
Ion Ratio	Lower	Upper	
162	100		
127	38.3	32.1	48.1
164	34.5	27.5	41.3

Manual Integrations
APPROVED

mohammad
1/7/2020 12:30:30 PM



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 36.104 ng

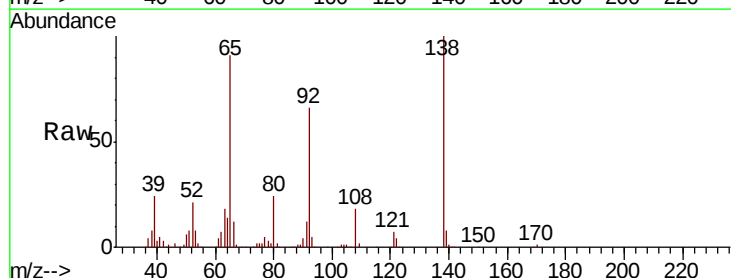
RT: 13.66 min Scan# 1800

Delta R.T. 0.00 min

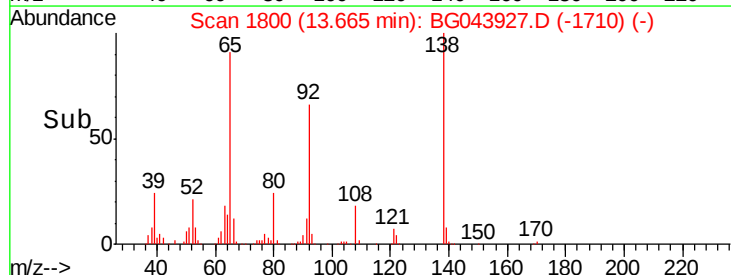
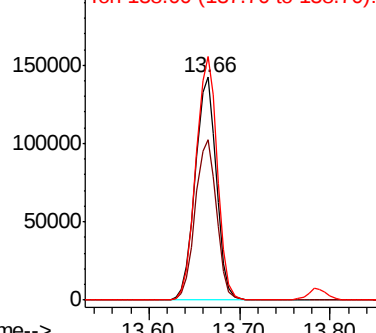
Lab File: BG043927.D

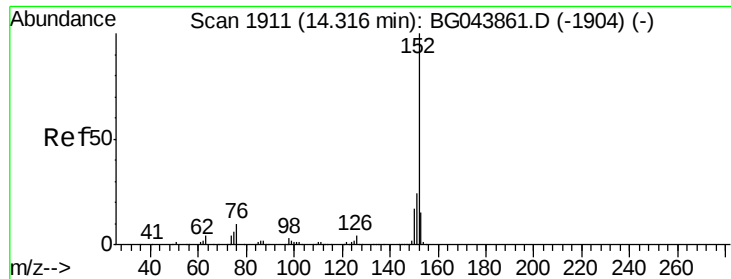
Acq: 6 Jan 2020 11:11

Tgt Ion:	65	Resp:	230581
Ion Ratio	Lower	Upper	
65	100		
92	71.8	57.4	86.2
138	109.4	88.2	132.4



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





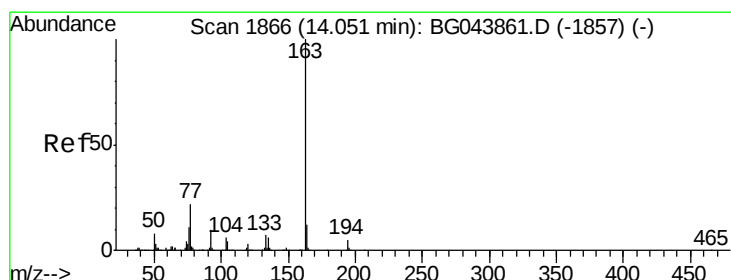
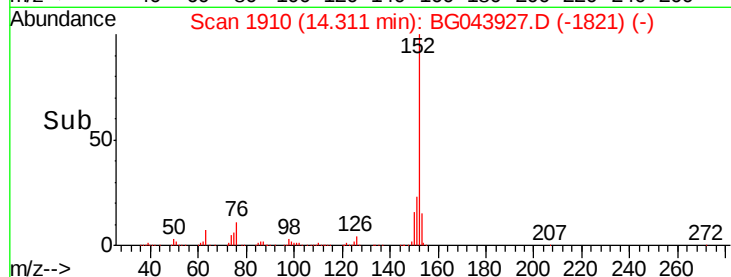
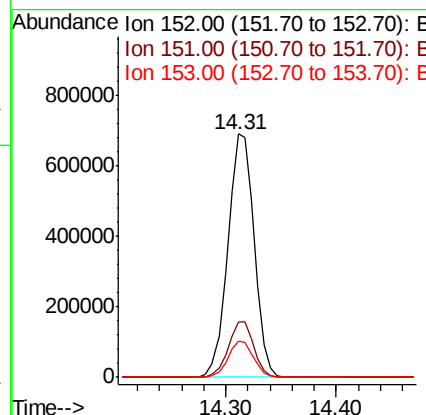
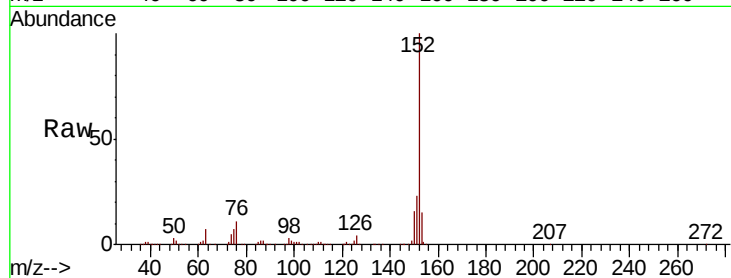
#49
Acenaphthylene
Concen: 40.027 ng
RT: 14.31 min Scan# 1910
Delta R.T. -0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Instrument :
BNA_G
ClientSampleId :
PB125814BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.9	19.4	29.2
153	14.9	12.0	18.0

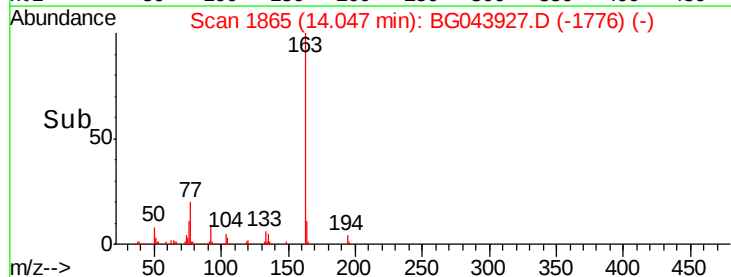
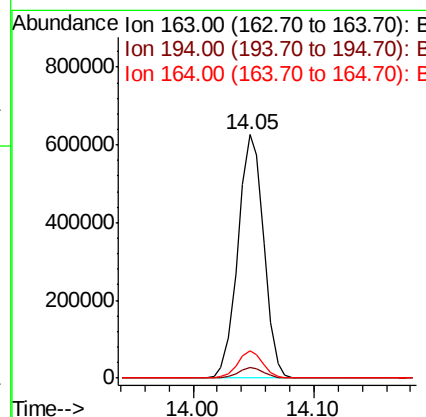
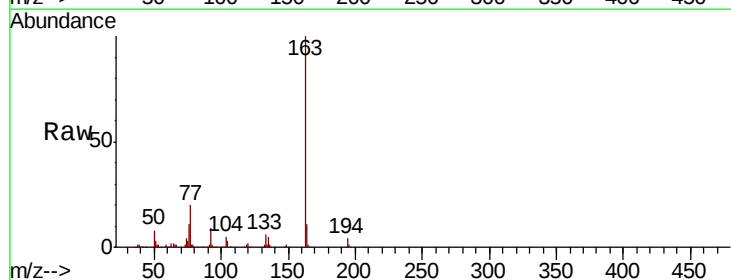
Manual Integrations
APPROVED

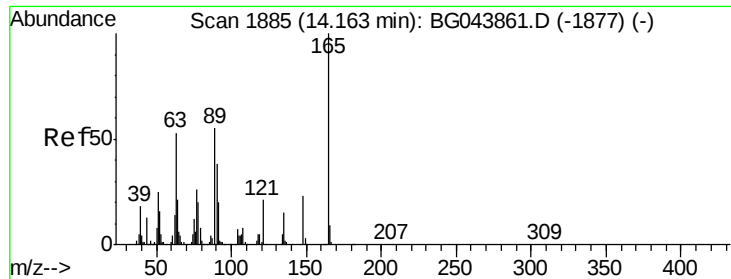
mohammad
1/7/2020 12:30:30 PM



#50
Dimethylphthalate
Concen: 38.290 ng
RT: 14.05 min Scan# 1865
Delta R.T. -0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.7	5.5
164	11.0	9.3	13.9





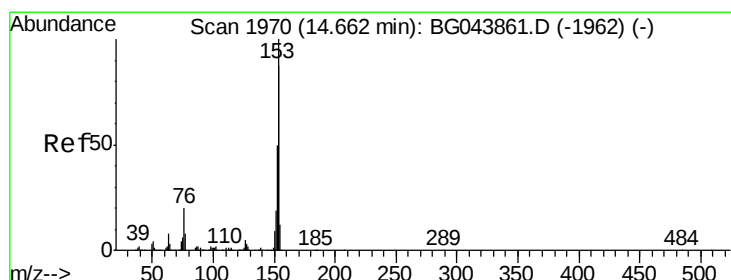
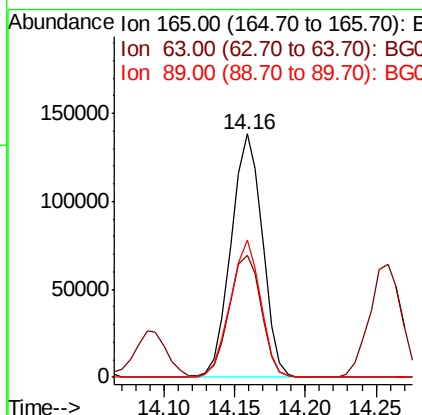
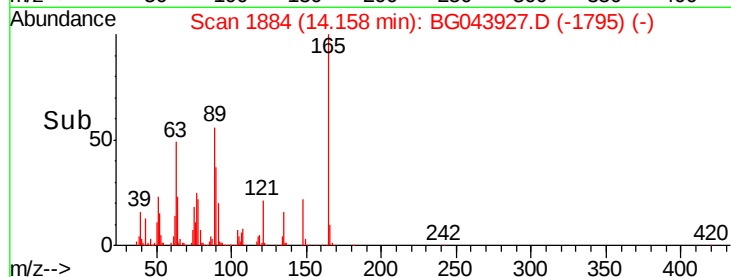
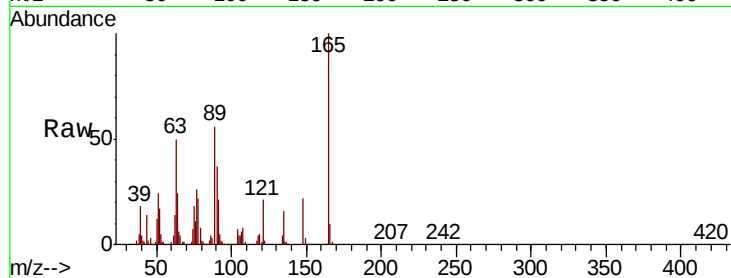
#51
2,6-Dinitrotoluene
Concen: 39.009 ng
RT: 14.16 min Scan# 1884
Delta R.T. -0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Instrument :
BNA_G
ClientSampleId :
PB125814BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	214539		
63	49.9		43.1	64.7
89	56.4		43.8	65.6

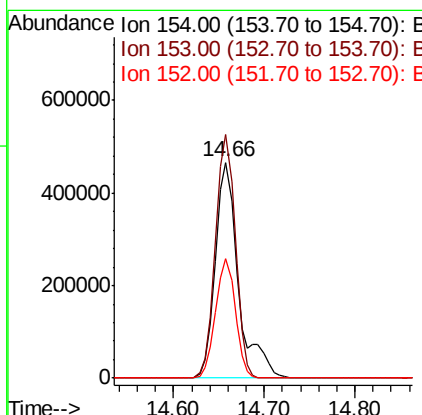
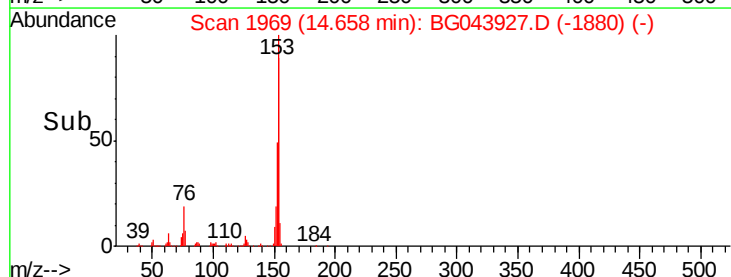
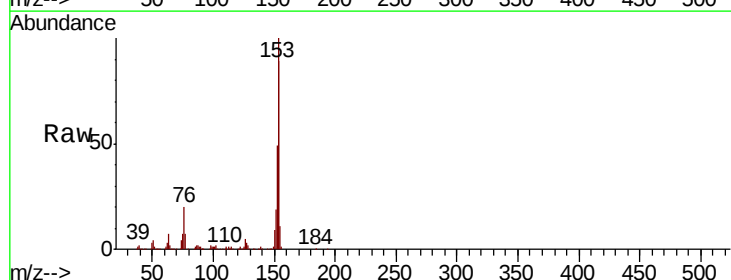
Manual Integrations
APPROVED

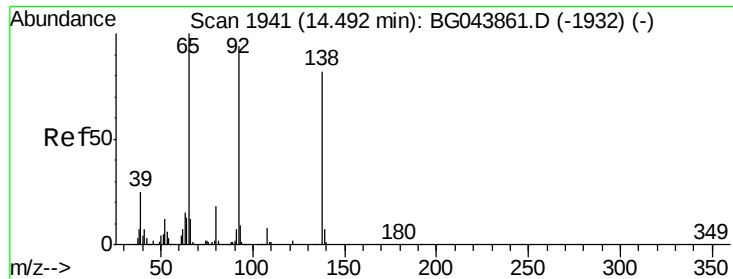
mohammad
1/7/2020 12:30:30 PM



#52
Acenaphthene
Concen: 41.065 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	821815		
153	112.7		91.6	137.4
152	55.6		45.4	68.0





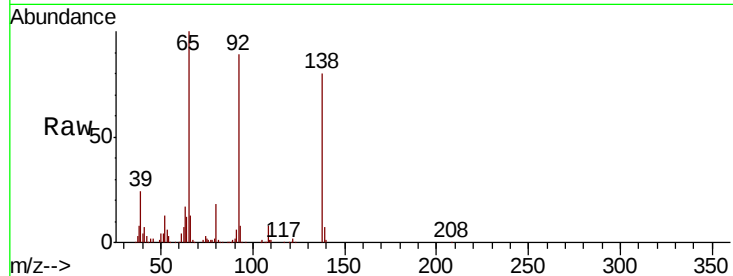
#53
3-Nitroaniline
Concen: 27.203 ng
RT: 14.49 min Scan# 1940
Delta R.T. -0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Instrument :
BNA_G
ClientSampleId :
PB125814BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	7.4	11.2
92	110.4	92.1	138.1

Manual Integrations
APPROVED

mohammad
1/7/2020 12:30:30 PM

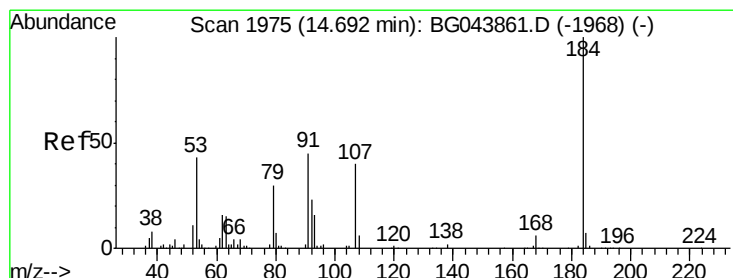
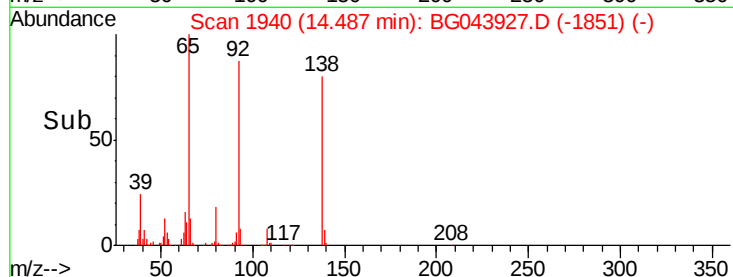
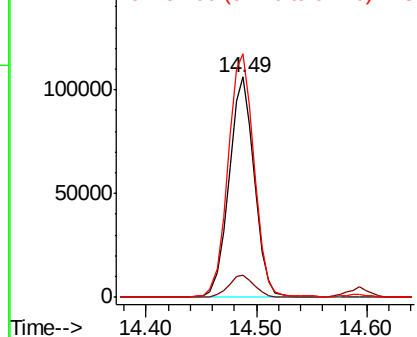


Abundance

Ion 138.00 (137.70 to 138.70): E

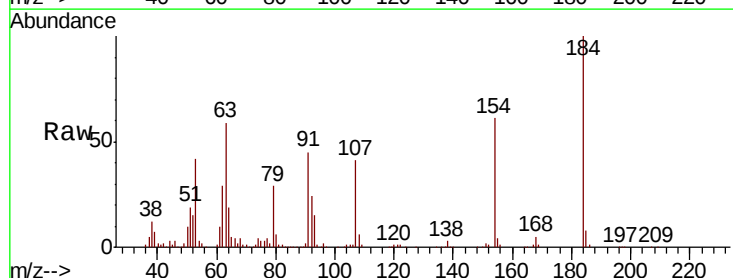
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54
2,4-Dinitrophenol
Concen: 67.339 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.3	46.6	70.0
154	60.7	50.2	75.4

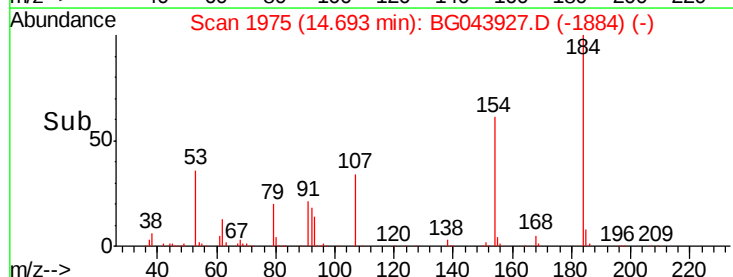
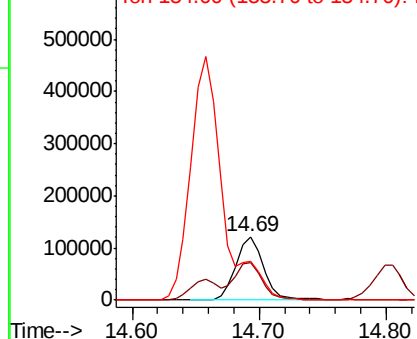


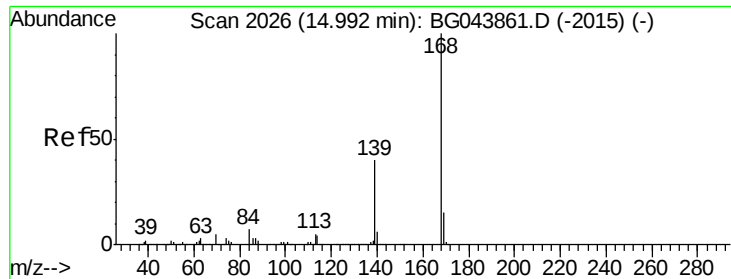
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





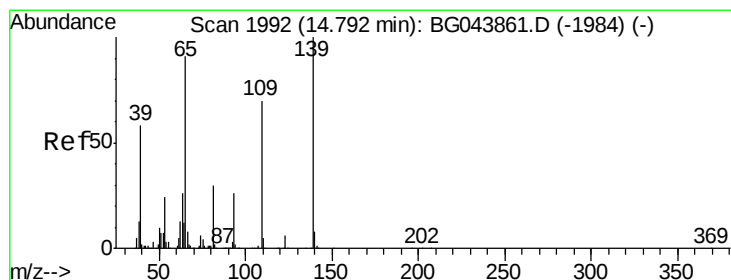
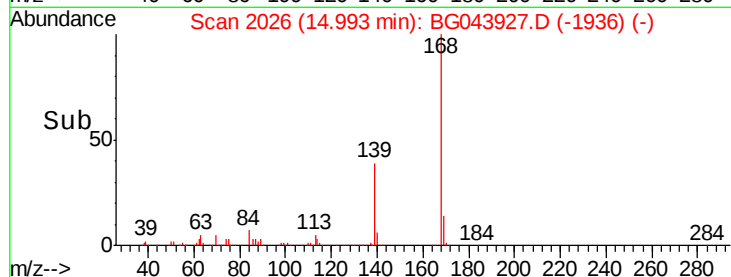
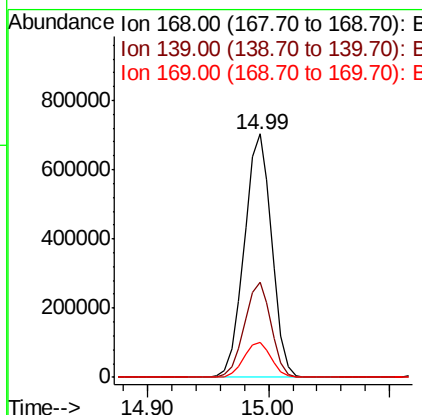
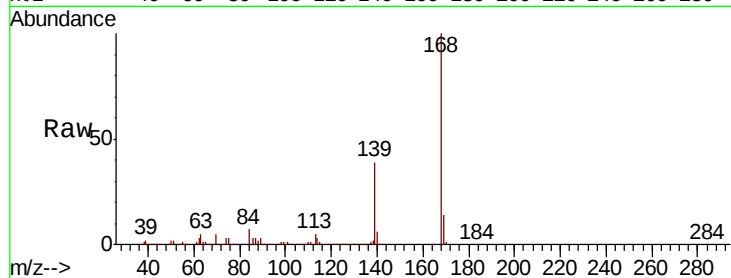
#55
Dibenzofuran
Concen: 40.237 ng
RT: 14.99 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Instrument :
BNA_G
ClientSampleId :
PB125814BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.2	32.2	48.2
169	14.5	12.2	18.2

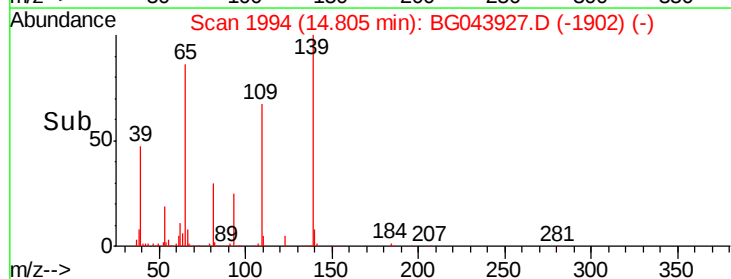
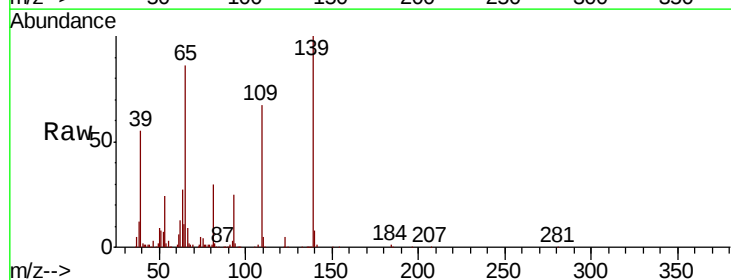
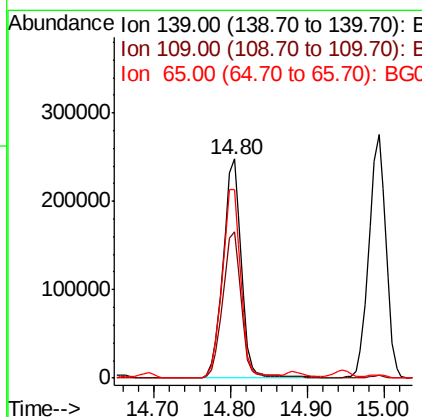
Manual Integrations
APPROVED

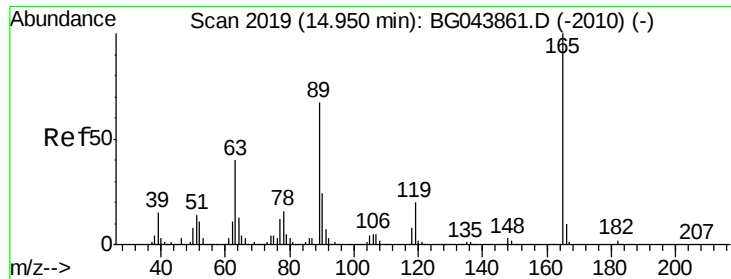
mohammad
1/7/2020 12:30:30 PM



#56
4-Nitrophenol
Concen: 86.098 ng
RT: 14.80 min Scan# 1994
Delta R.T. 0.01 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.1	50.4	90.4
65	86.3	71.4	111.4





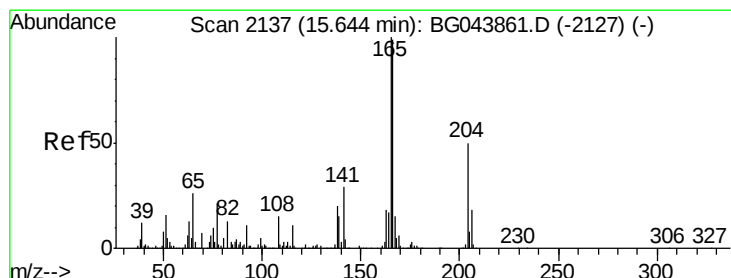
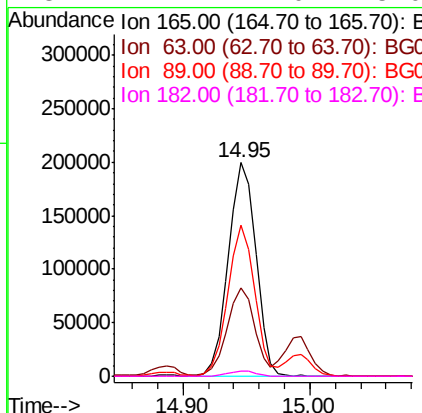
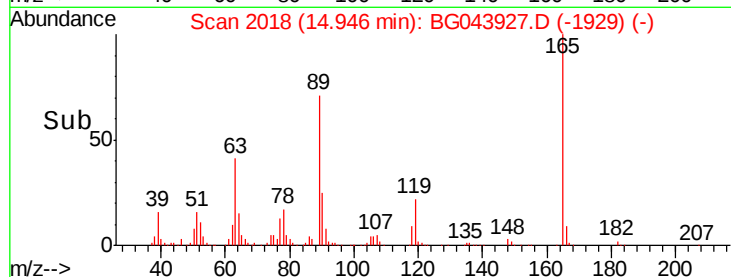
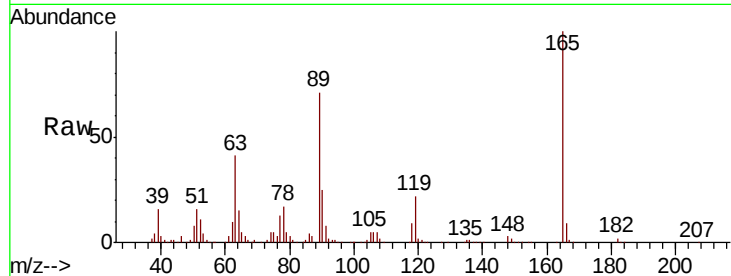
#57
2,4-Dinitrotoluene
Concen: 40.127 ng
RT: 14.95 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Instrument :
BNA_G
ClientSampleId :
PB125814BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	300289		
63	41.2		31.9	47.9
89	70.9		53.8	80.6
182	2.2		2.0	3.0

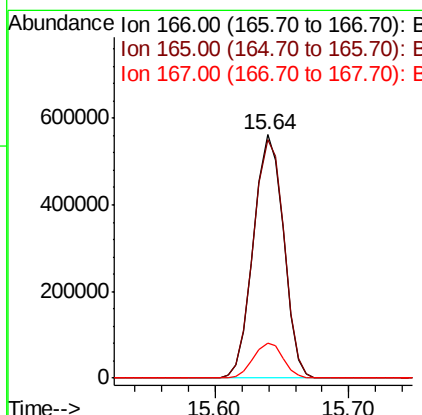
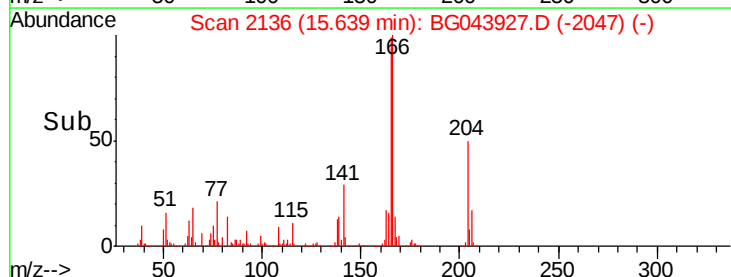
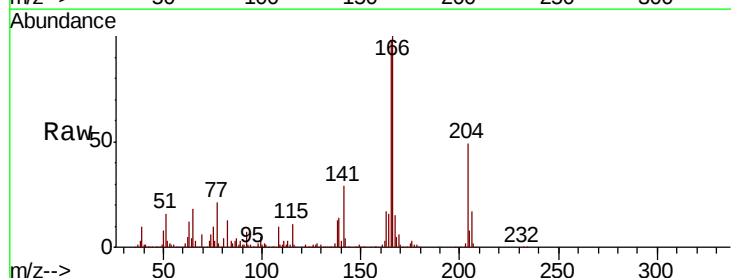
Manual Integrations
APPROVED

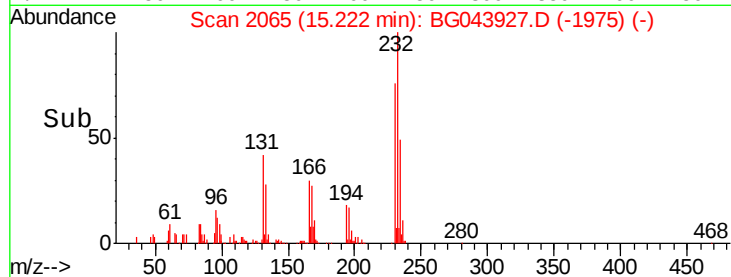
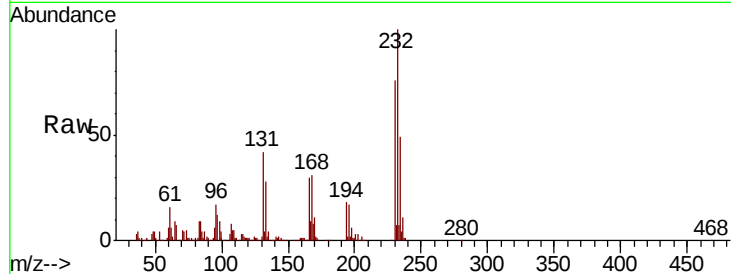
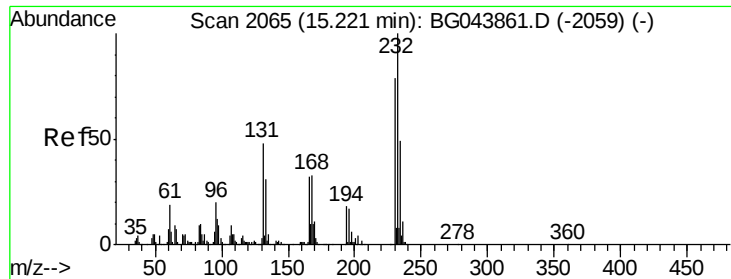
mohammad
1/7/2020 12:30:30 PM



#58
Fluorene
Concen: 40.035 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	874199		
165	98.2		80.8	121.2
167	14.5		12.1	18.1





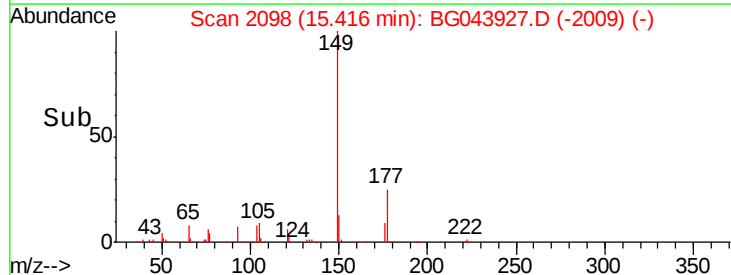
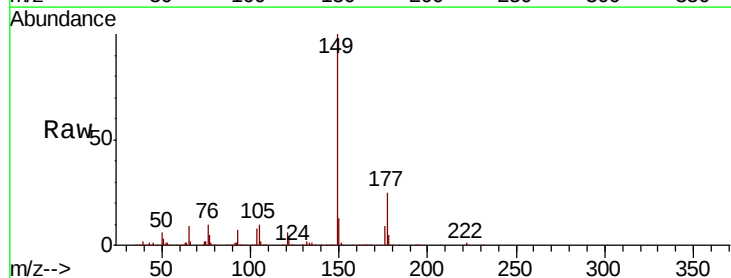
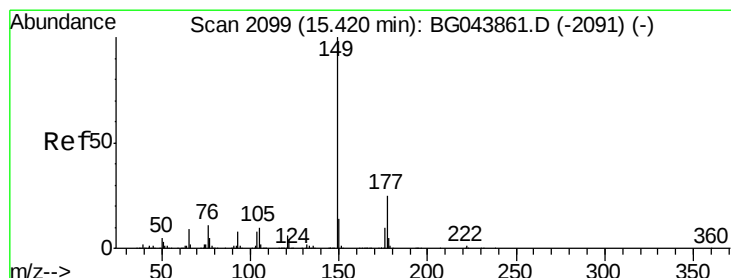
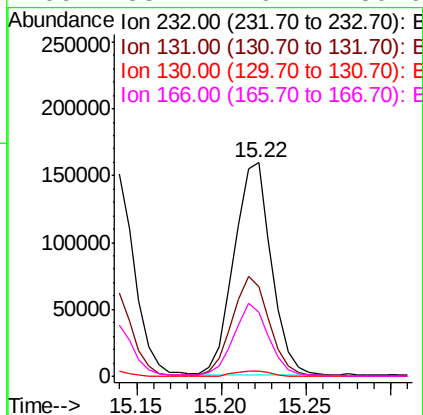
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.828 ng
RT: 15.22 min Scan# 2065
Delta R.T. 0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Instrument :
BNA_G
ClientSampleId :
PB125814BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.0	38.2	57.2
130	2.4	2.2	3.2
166	33.1	26.4	39.6

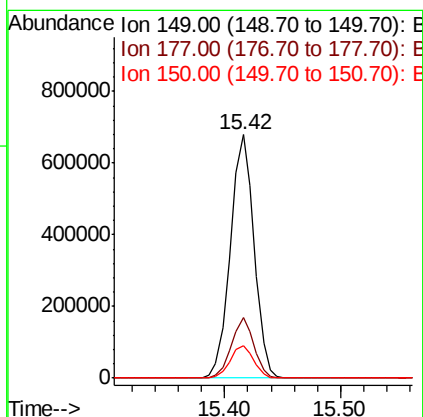
Manual Integrations
APPROVED

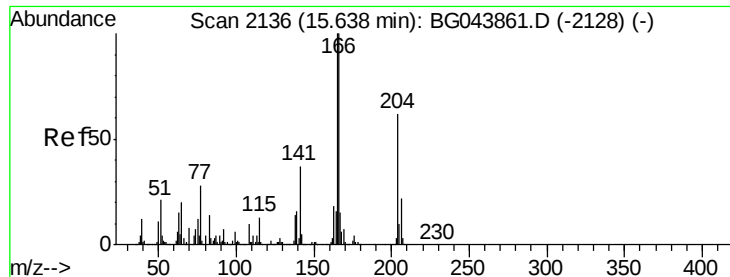
mohammad
1/7/2020 12:30:30 PM



#60
Diethylphthalate
Concen: 39.307 ng
RT: 15.42 min Scan# 2098
Delta R.T. -0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.8	20.0	30.0
150	13.4	11.1	16.7





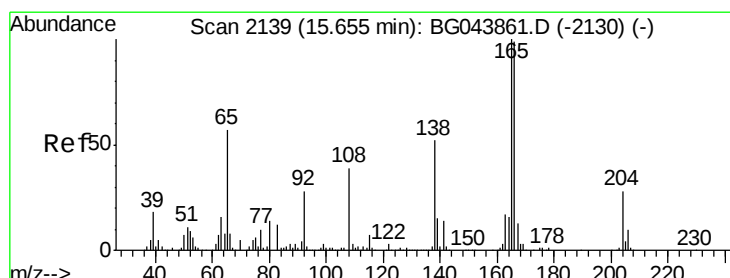
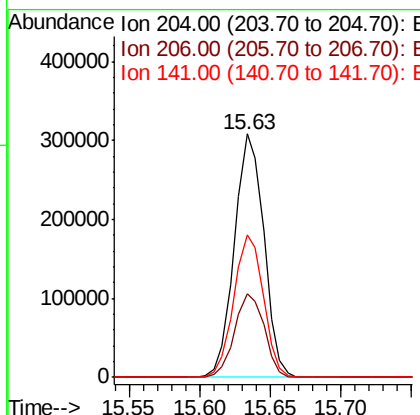
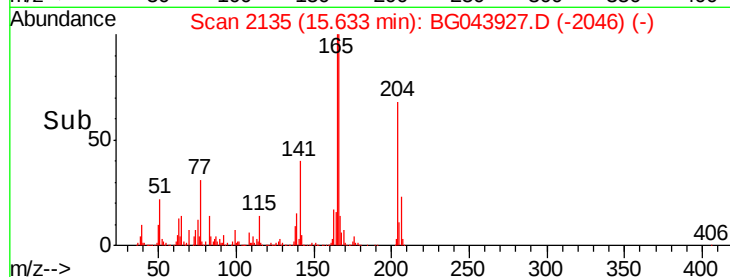
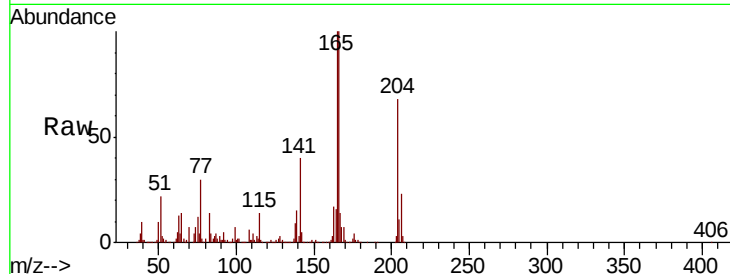
#61
4-Chlorophenyl-phenylether
Concen: 37.801 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Instrument :
BNA_G
ClientSampleId :
PB125814BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.4	28.2	42.2
141	58.4	48.2	72.2

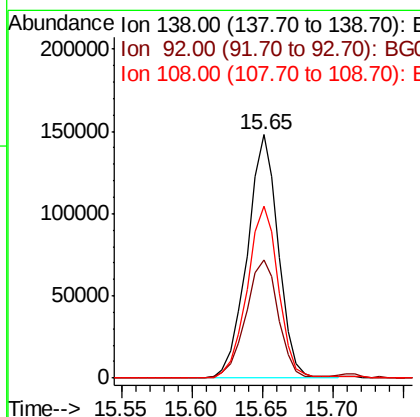
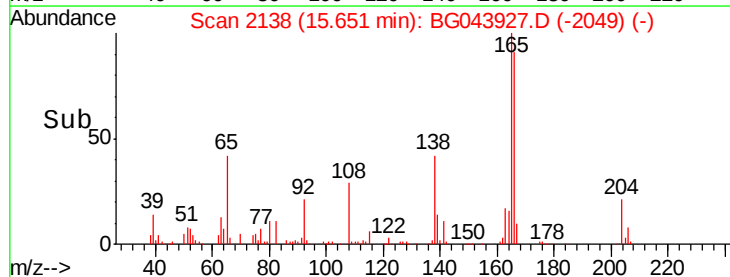
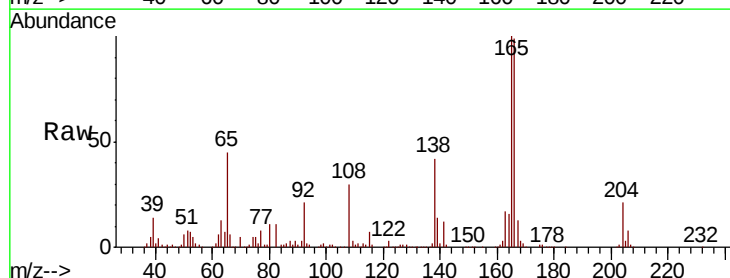
Manual Integrations
APPROVED

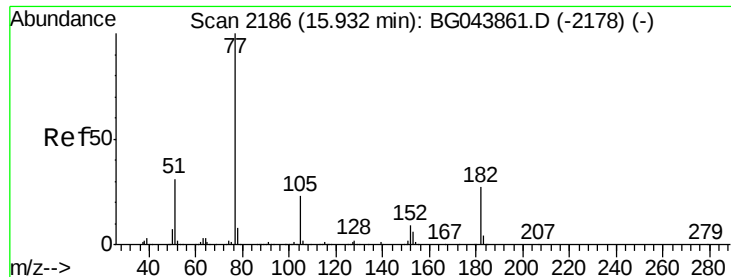
mohammad
1/7/2020 12:30:30 PM



#62
4-Nitroaniline
Concen: 37.025 ng
RT: 15.65 min Scan# 2138
Delta R.T. -0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.7	34.3	74.3
108	70.7	55.0	95.0





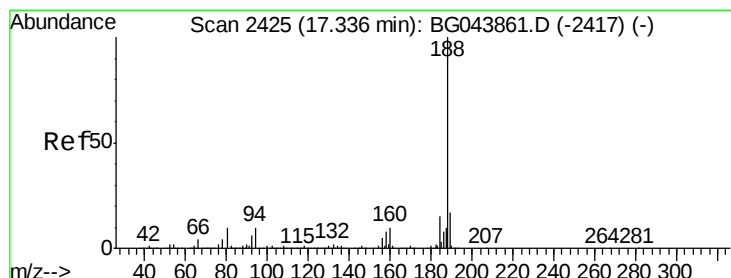
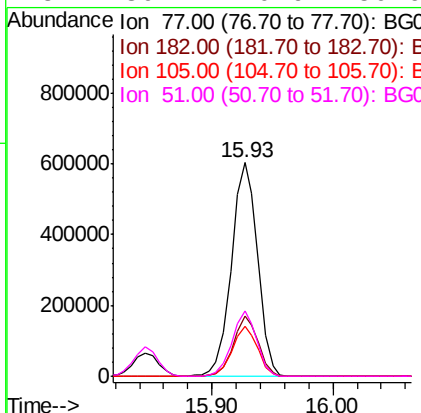
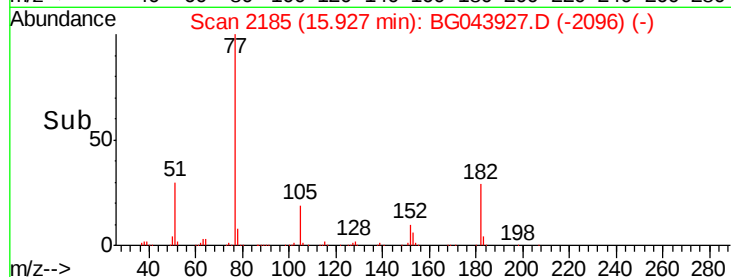
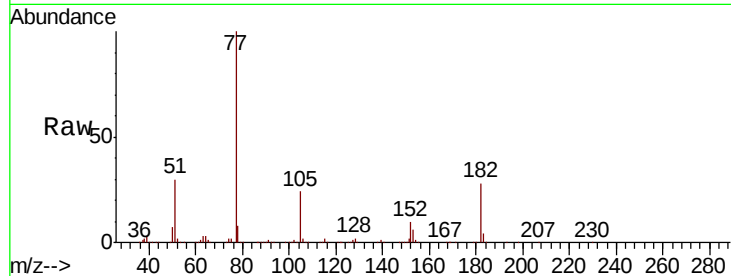
#63
Azobenzene
Concen: 39.962 ng
RT: 15.93 min Scan# 2185
Delta R.T. -0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Instrument :
BNA_G
ClientSampleId :
PB125814BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.0	7.3	47.3
105	23.5	3.2	43.2
51	30.4	10.6	50.6

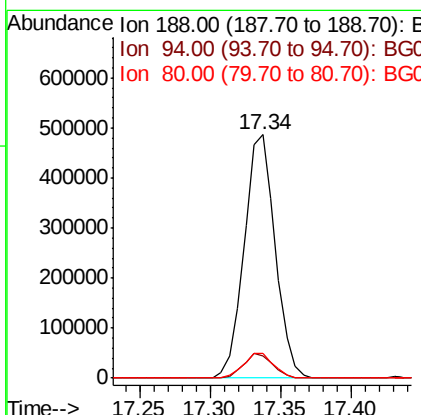
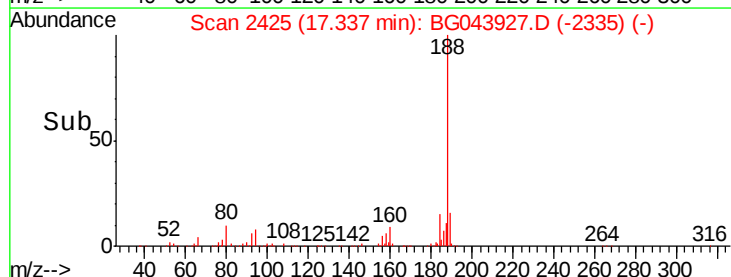
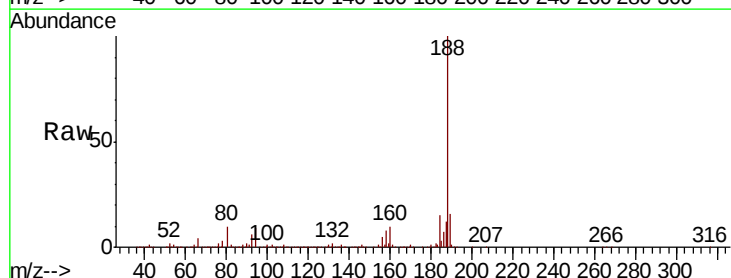
Manual Integrations
APPROVED

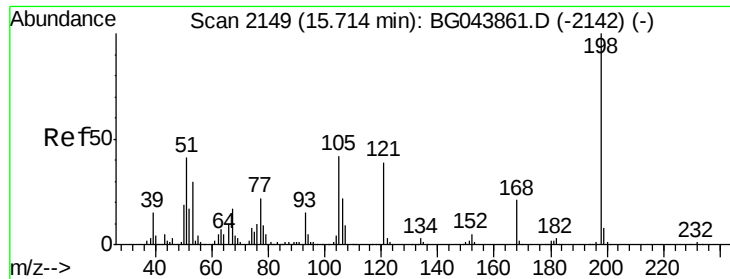
mohammad
1/7/2020 12:30:30 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.9	11.9
80	10.3	8.2	12.4





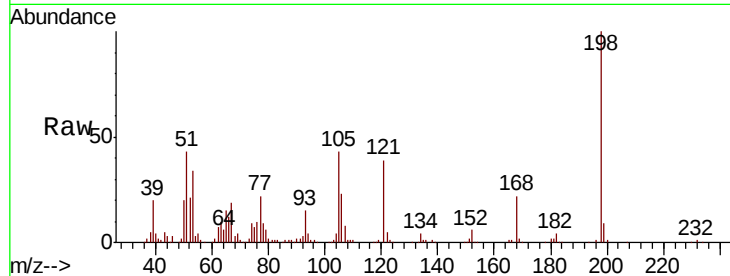
#65
4,6-Dinitro-2-methylphenol
Concen: 40.001 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Instrument :
BNA_G
ClientSampleId :
PB125814BS

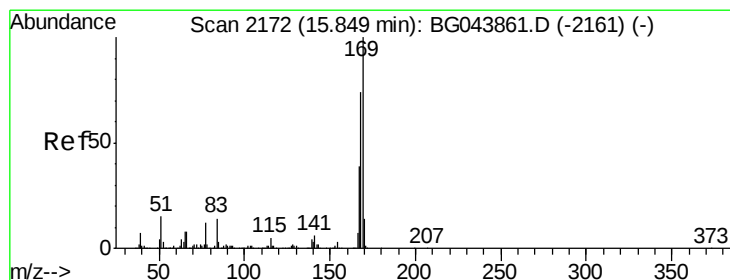
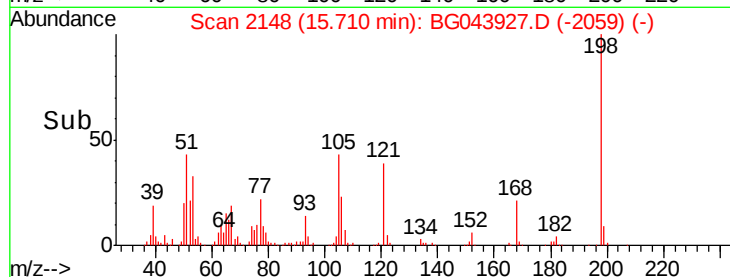
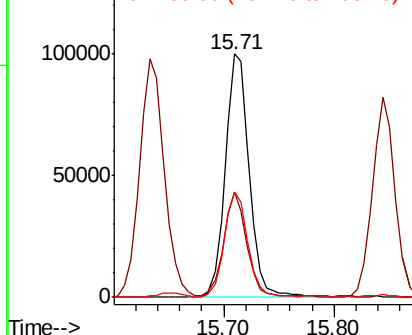
Tot Ion	Ratio	Resp	Lower	Upper
198	100	151207		
51	43.0		22.5	62.5
105	43.4		22.3	62.3

Manual Integrations
APPROVED

mohammad
1/7/2020 12:30:30 PM

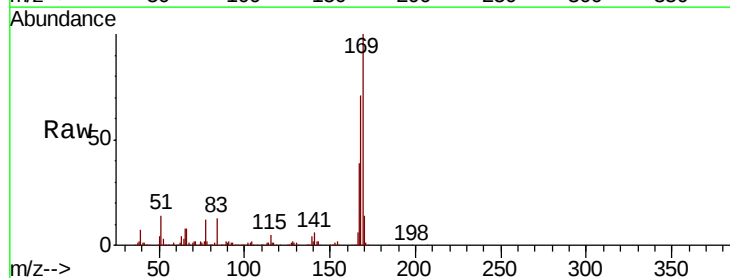


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

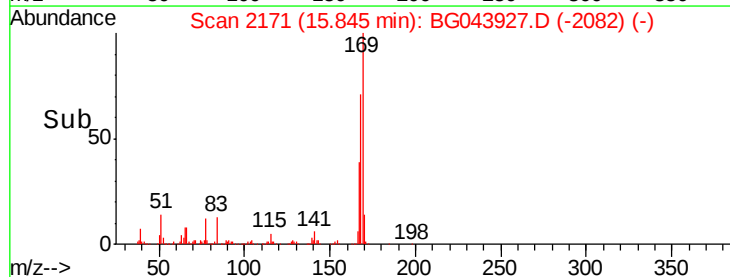
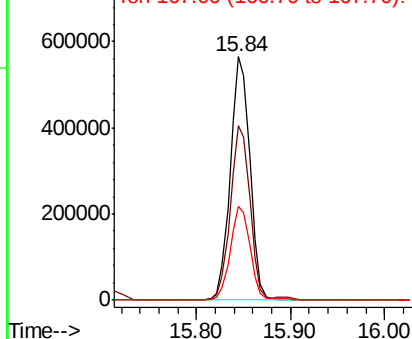


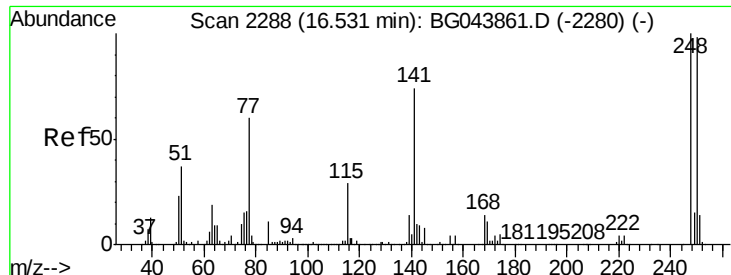
#66
n-Nitrosodiphenylamine
Concen: 37.489 ng
RT: 15.84 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	826621		
168	71.4		59.0	88.6
167	38.7		31.4	47.0



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





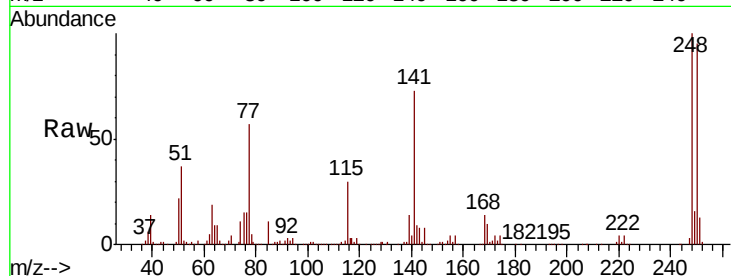
#67
 4-Bromophenyl-phenylether
 Concen: 35.308 ng
 RT: 16.53 min Scan# 2287
 Delta R.T. -0.00 min
 Lab File: BG043927.D
 Acq: 6 Jan 2020 11:11

Instrument :
 BNA_G
 ClientSampled :
 PB125814BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.3	78.2	117.2
141	73.3	59.3	88.9

Manual Integrations
 APPROVED

mohammad
 1/7/2020 12:30:30 PM

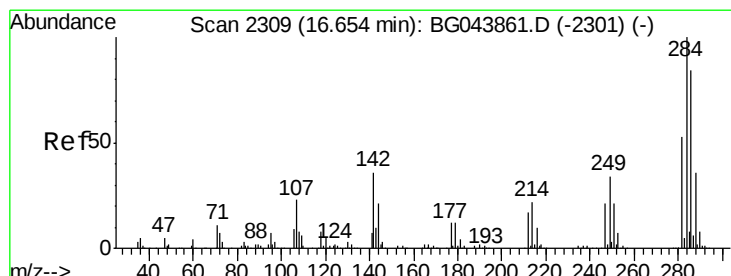
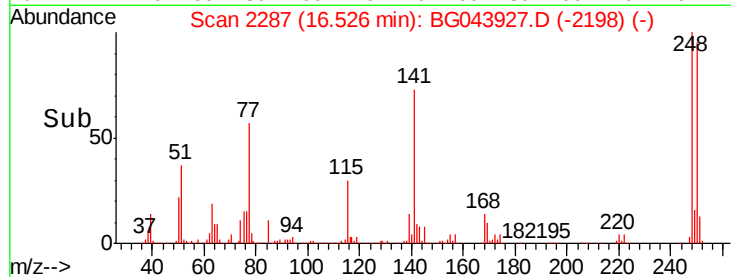
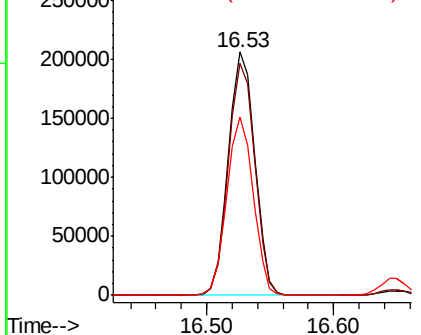


Abundance

Ion 248.00 (247.70 to 248.70): E

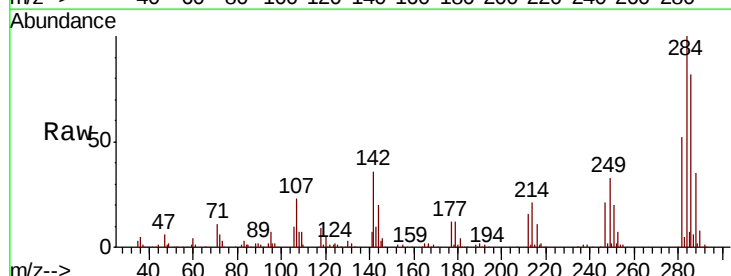
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 35.153 ng
 RT: 16.65 min Scan# 2308
 Delta R.T. -0.00 min
 Lab File: BG043927.D
 Acq: 6 Jan 2020 11:11

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.1	28.6	43.0
249	32.8	27.0	40.6

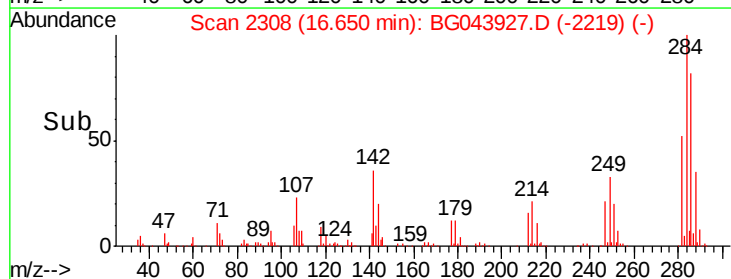
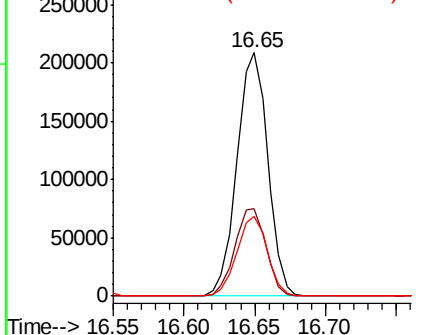


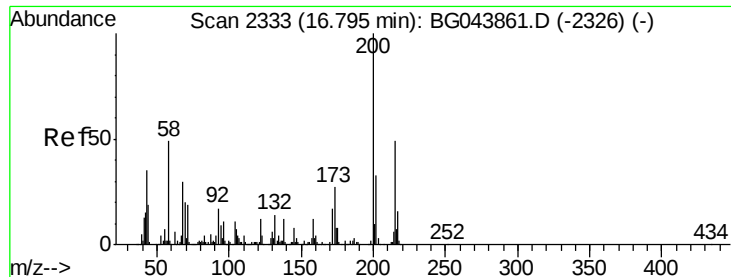
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





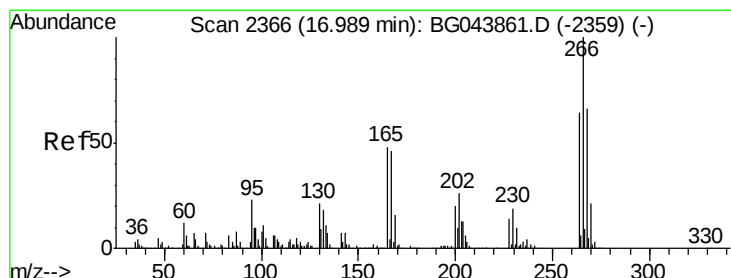
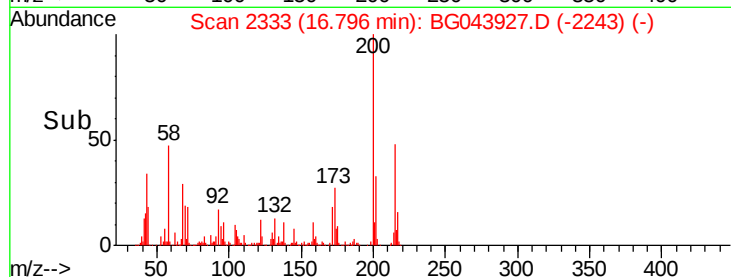
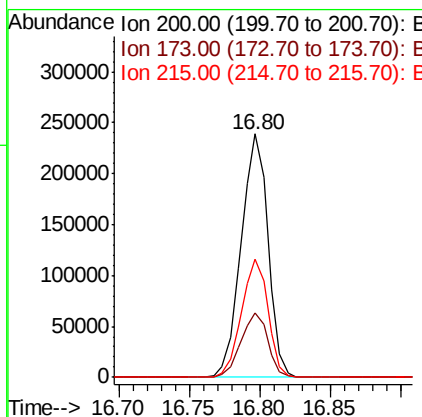
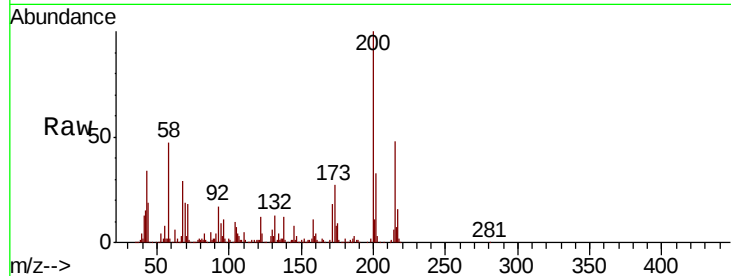
#69
Atrazine
Concen: 44.364 ng
RT: 16.80 min Scan# 2333
Delta R.T. 0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Instrument :
BNA_G
ClientSampleId :
PB125814BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.7	6.6	46.6	
215	48.4	28.6	68.6	

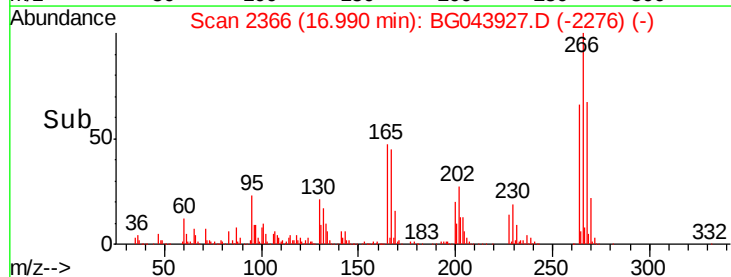
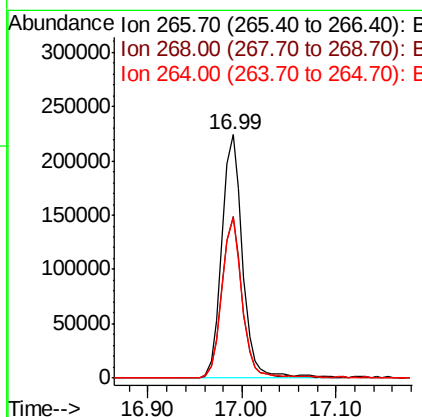
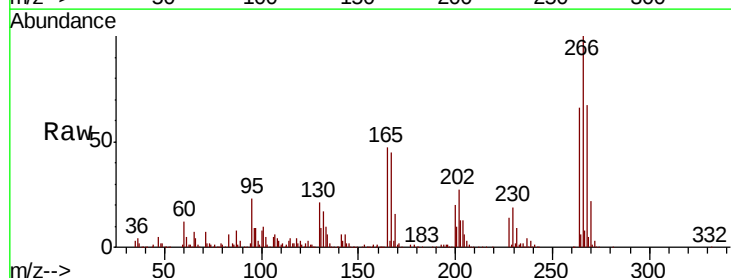
Manual Integrations
APPROVED

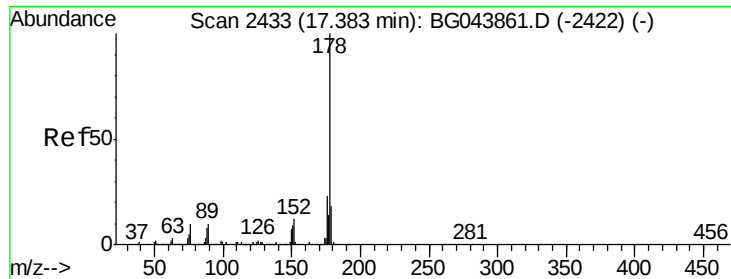
mohammad
1/7/2020 12:30:30 PM



#70
Pentachlorophenol
Concen: 69.363 ng
RT: 16.99 min Scan# 2366
Delta R.T. 0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	66.5	52.6	79.0	
264	65.9	50.8	76.2	





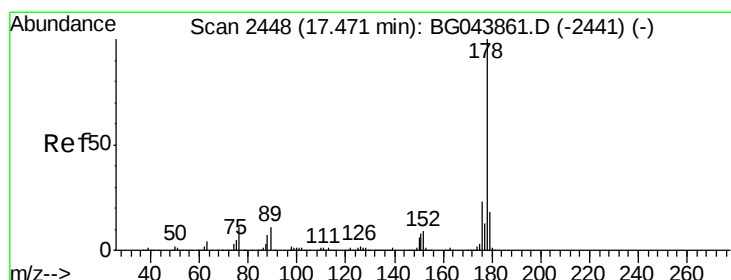
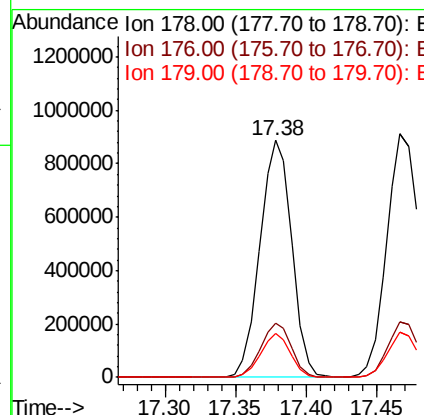
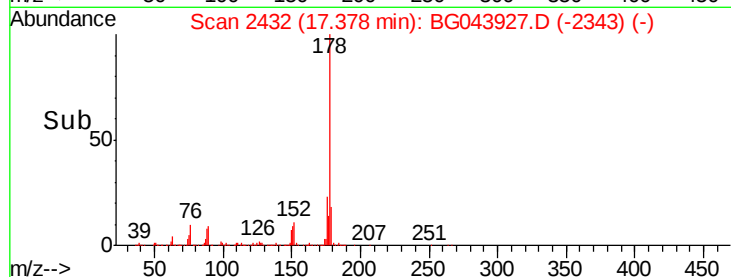
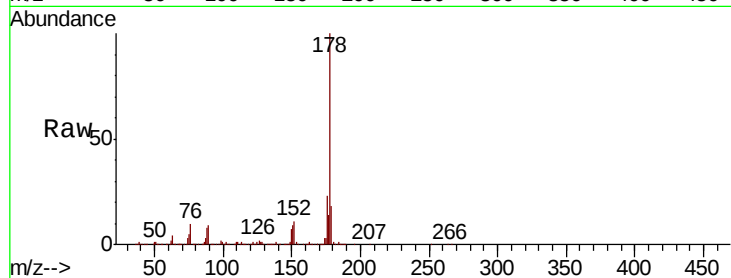
#71
Phenanthrene
Concen: 39.069 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Instrument :
BNA_G
ClientSampleId :
PB125814BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	23.1	18.6	28.0
179	18.4	14.4	21.6

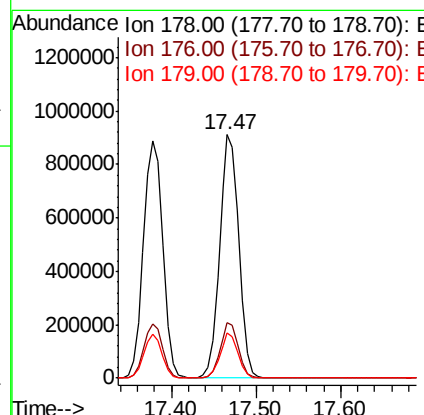
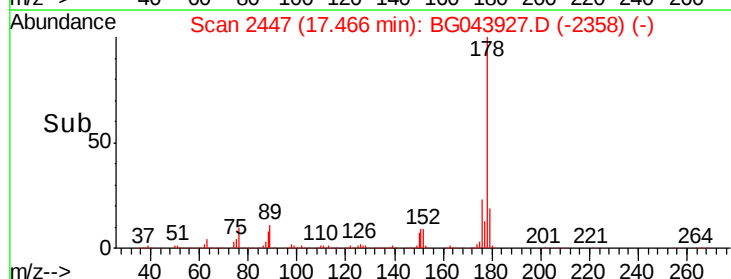
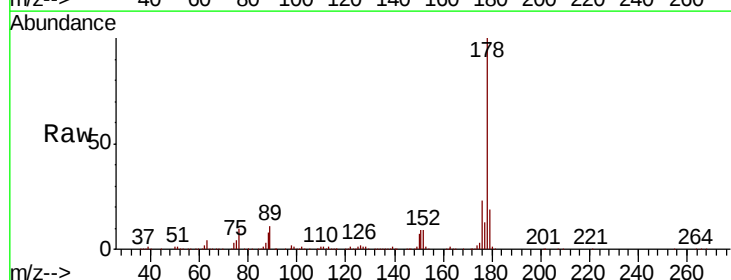
Manual Integrations
APPROVED

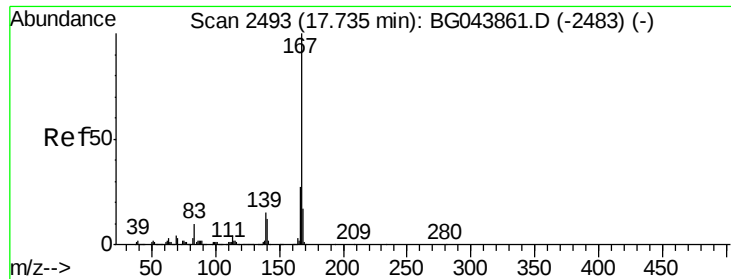
mohammad
1/7/2020 12:30:30 PM



#72
Anthracene
Concen: 40.854 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.8	18.3	27.5
179	18.6	14.6	22.0





#73

Carbazole

Concen: 40.125 ng

RT: 17.74 min Scan# 2493

Delta R.T. 0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

Instrument :

BNA_G

ClientSampleId :

PB125814BS

Tot Ion:167 Resp: 1315521

Ion Ratio Lower Upper

167 100

166 26.7 21.6 32.4

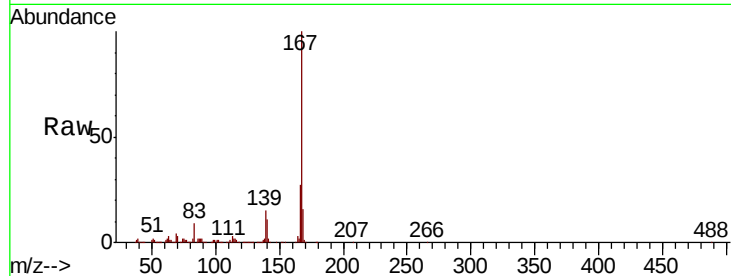
139 14.6 12.1 18.1

Manual Integrations

APPROVED

mohammad

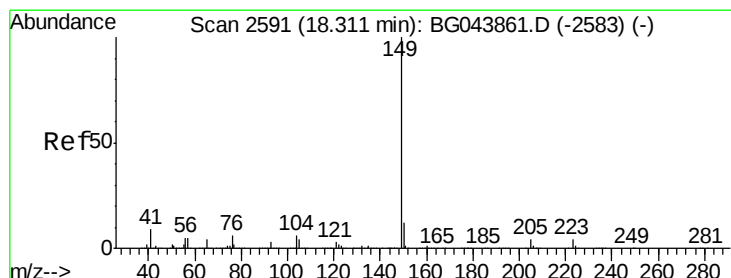
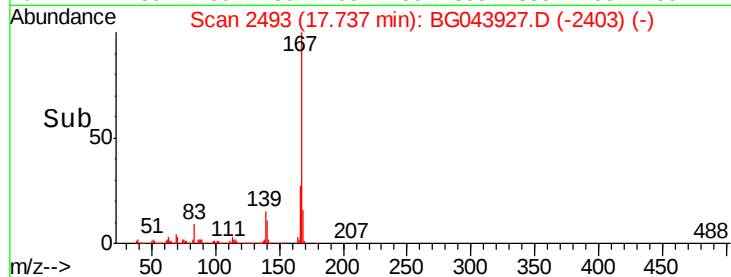
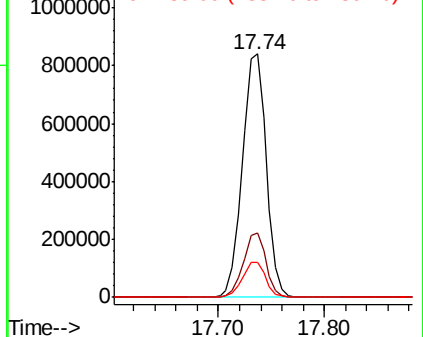
1/7/2020 12:30:30 PM



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: 39.045 ng

RT: 18.31 min Scan# 2590

Delta R.T. -0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

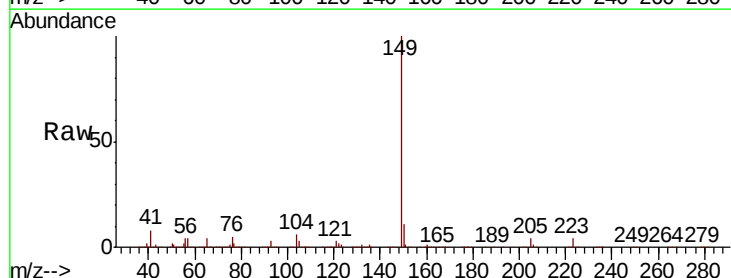
Tgt Ion:149 Resp: 1634404

Ion Ratio Lower Upper

149 100

150 11.2 9.7 14.5

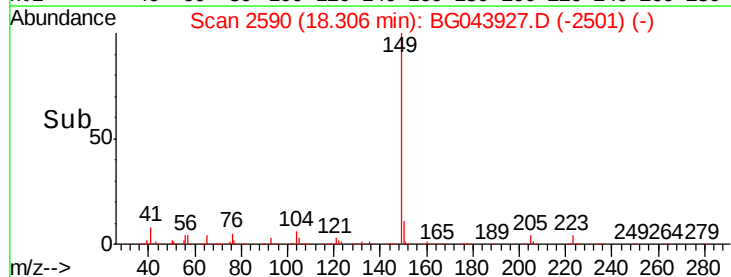
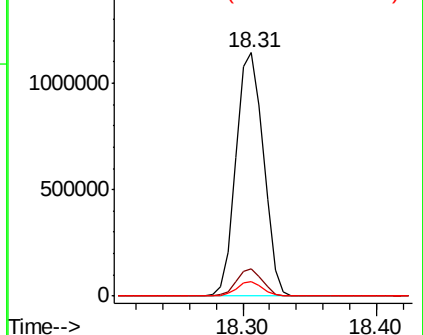
104 5.8 5.0 7.4

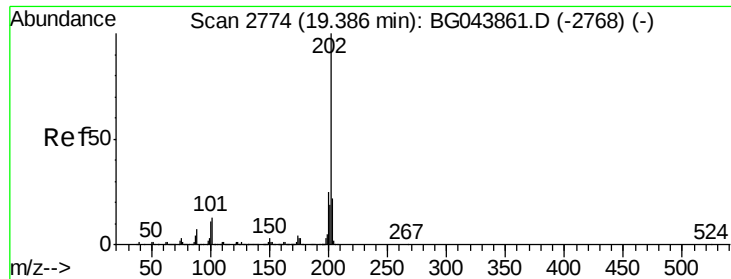


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.603 ng

RT: 19.39 min Scan# 2774

Delta R.T. 0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

Instrument :

BNA_G

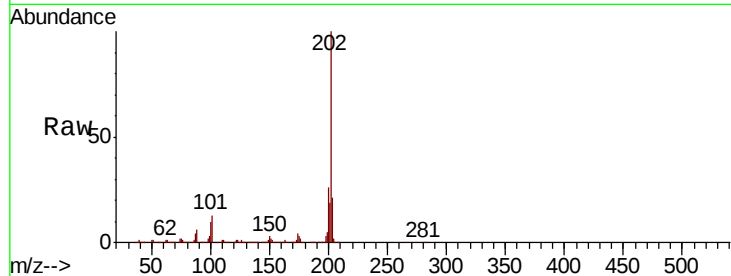
ClientSampled :

PB125814BS

Tot Ion:	202	Resp:	1626594
Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	33.3
203	20.8	1.6	41.6

Manual Integrations
APPROVED

mohammad
1/7/2020 12:30:30 PM

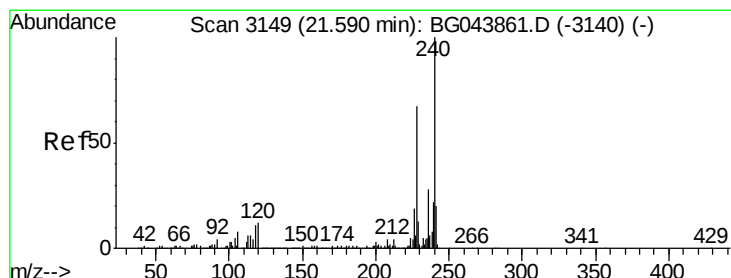
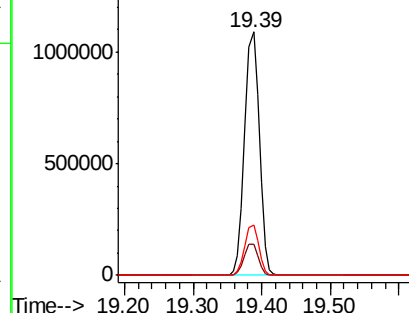
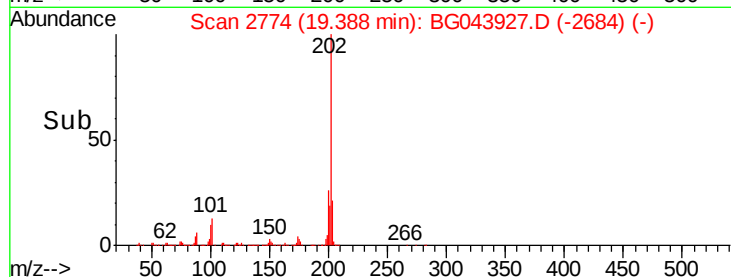


Abundance

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

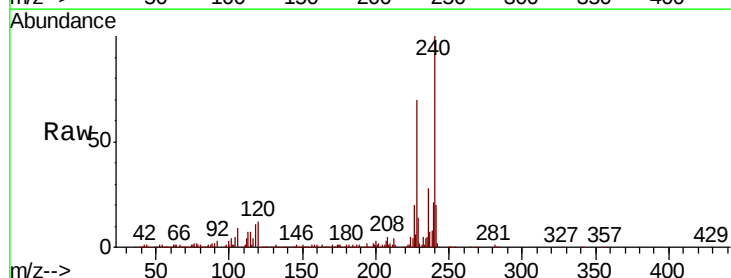
RT: 21.58 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

Tgt Ion:	240	Resp:	651038
Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.6	14.4
236	27.6	22.2	33.2

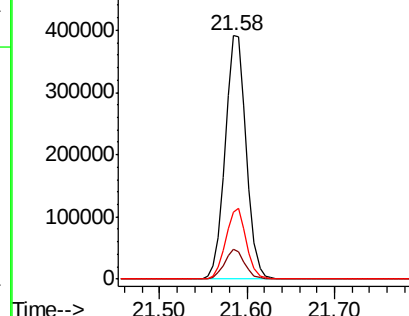
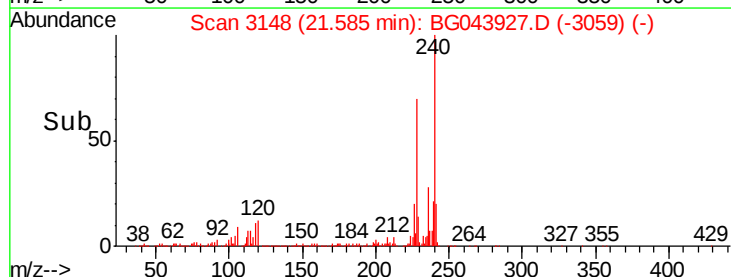


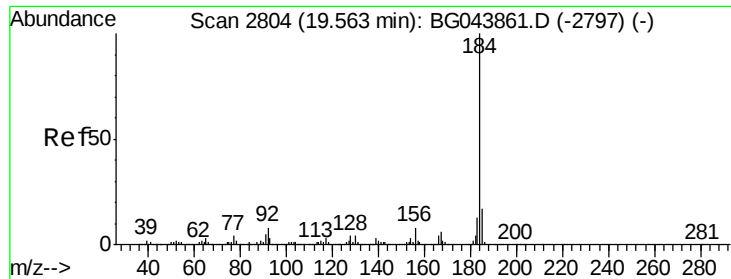
Abundance

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: 36.644 ng

RT: 19.56 min Scan# 2803

Delta R.T. -0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

Instrument :

BNA_G

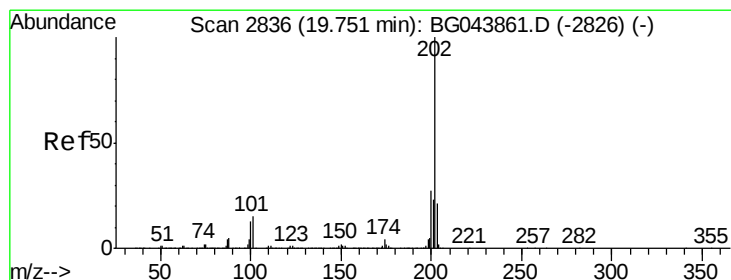
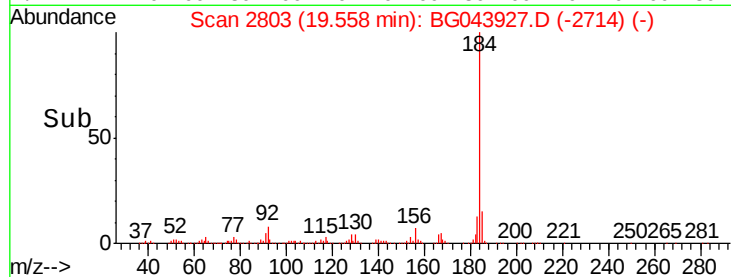
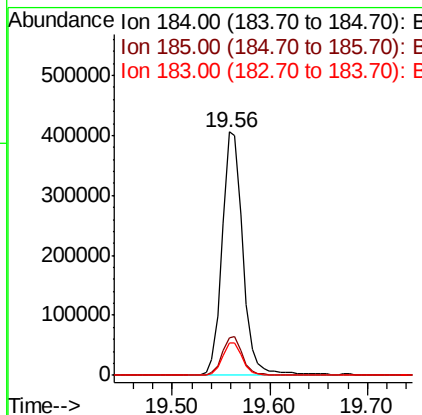
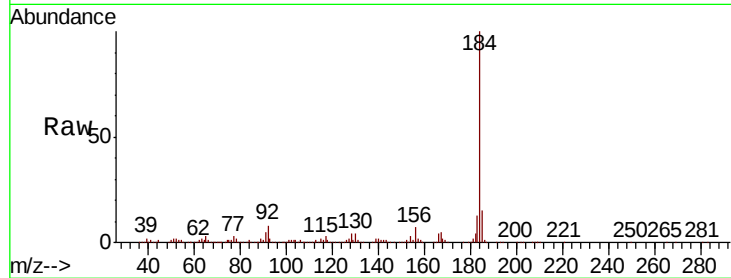
ClientSampleId :

PB125814BS

Tot Ion:	184	Resp:	599654
Ion Ratio	Lower	Upper	
184	100		
185	15.5	13.4	20.0
183	13.2	10.6	15.8

Manual Integrations
APPROVED

mohammad
1/7/2020 12:30:30 PM



#78

Pyrene

Concen: 38.460 ng

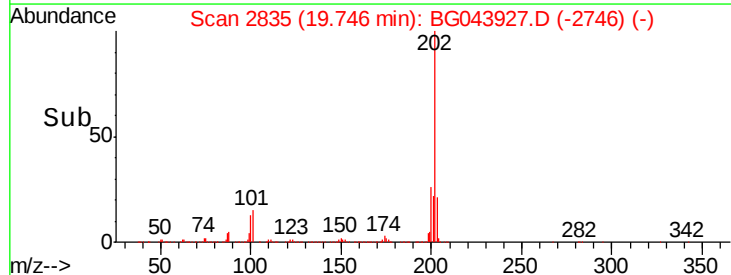
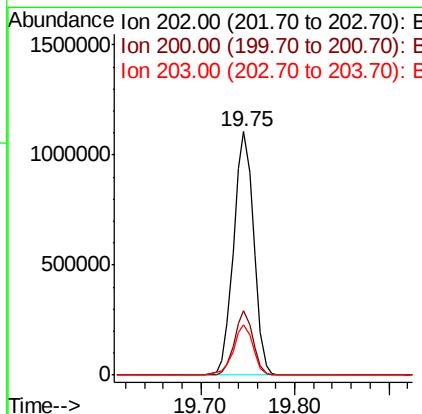
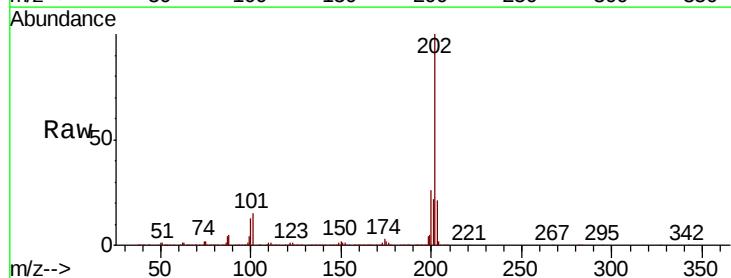
RT: 19.75 min Scan# 2835

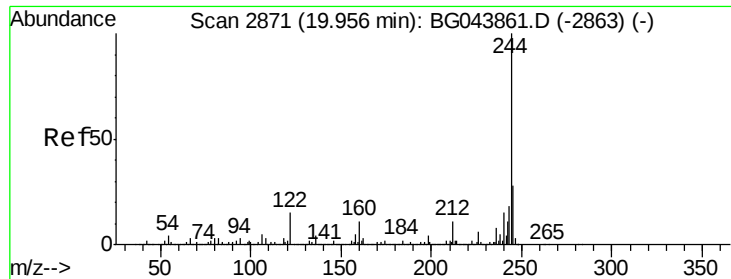
Delta R.T. -0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

Tgt Ion:	202	Resp:	1634407
Ion Ratio	Lower	Upper	
202	100		
200	26.3	21.7	32.5
203	20.6	17.0	25.6





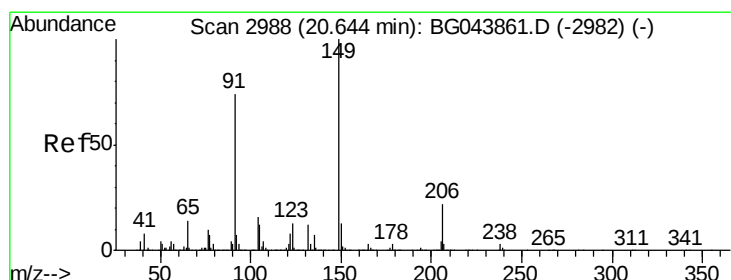
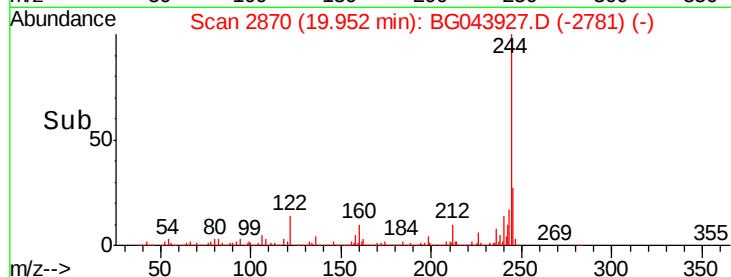
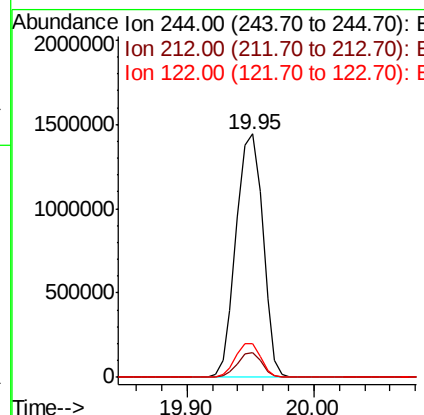
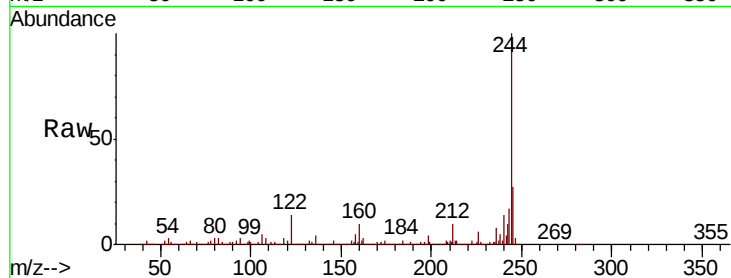
#79
 Terphenyl-d14
 Concen: 76.100 ng
 RT: 19.95 min Scan# 2870
 Delta R.T. -0.00 min
 Lab File: BG043927.D
 Acq: 6 Jan 2020 11:11

Instrument :
 BNA_G
 ClientSampleId :
 PB125814BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	10.3	8.6	13.0
122	14.0	11.9	17.9

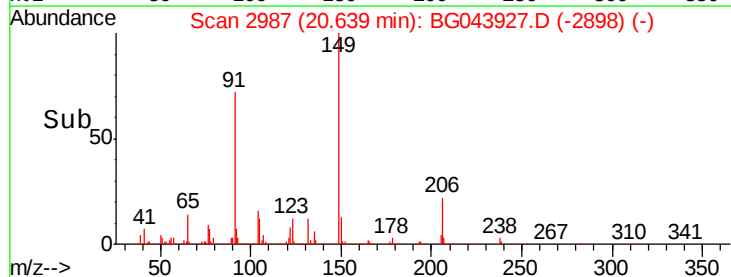
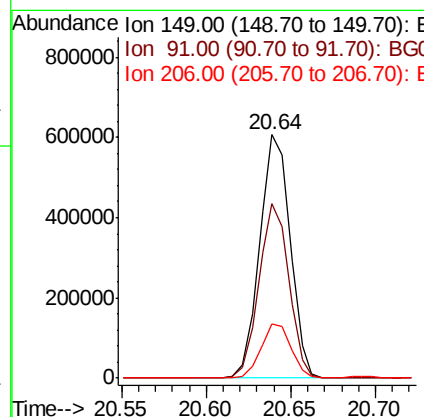
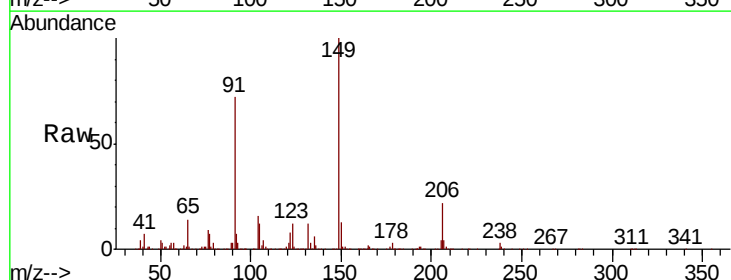
Manual Integrations
 APPROVED

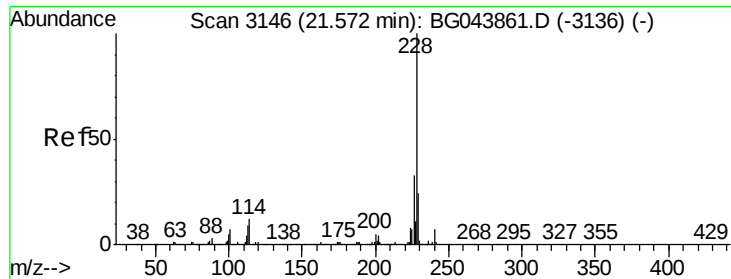
mohammad
 1/7/2020 12:30:30 PM



#80
 Butylbenzylphthalate
 Concen: 37.694 ng
 RT: 20.64 min Scan# 2987
 Delta R.T. -0.00 min
 Lab File: BG043927.D
 Acq: 6 Jan 2020 11:11

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.8	59.5	89.3
206	22.2	17.8	26.6





#81

Benzo(a)anthracene

Concen: 39.059 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

Instrument :

BNA_G

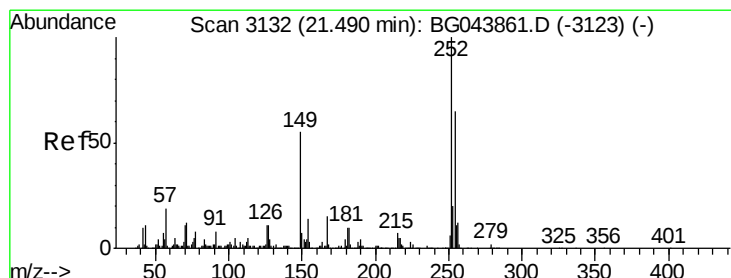
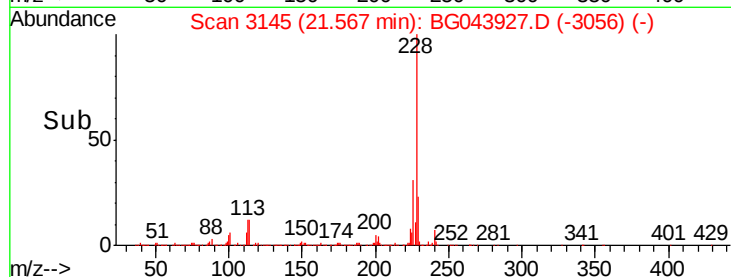
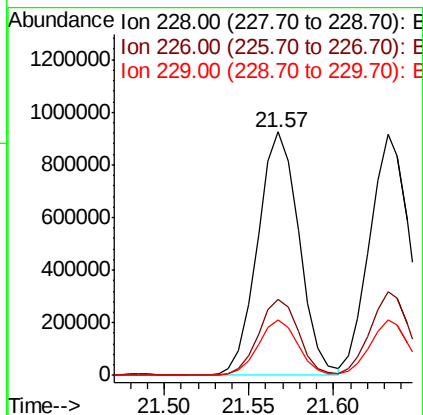
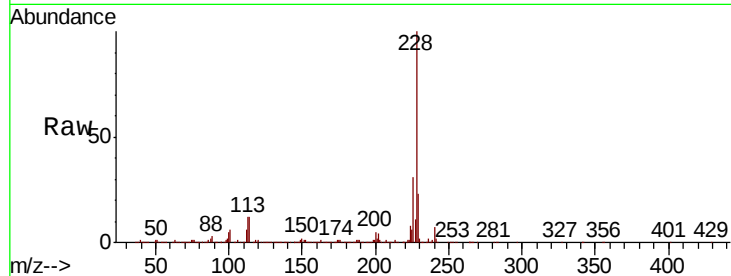
ClientSampleId :

PB125814BS

Tot Ion:	228	Resp:	1576786
Ion	Ratio	Lower	Upper
228	100		
226	31.4	26.2	39.4
229	22.9	18.9	28.3

Manual Integrations
APPROVED

mohammad
1/7/2020 12:30:30 PM



#82

3,3'-Dichlorobenzidine

Concen: 28.919 ng

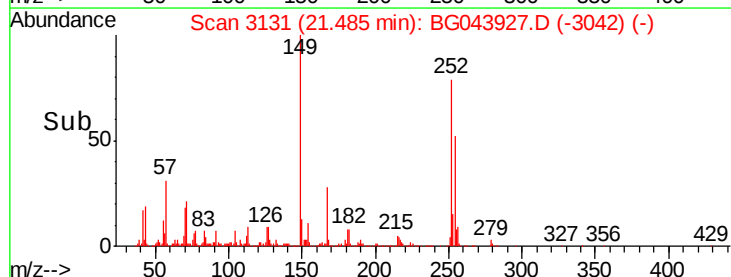
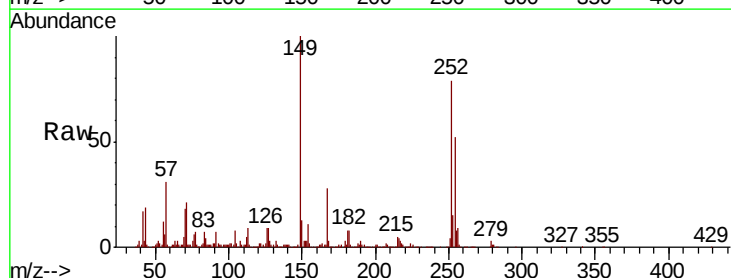
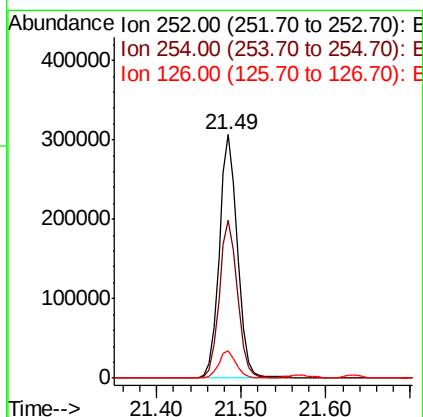
RT: 21.49 min Scan# 3131

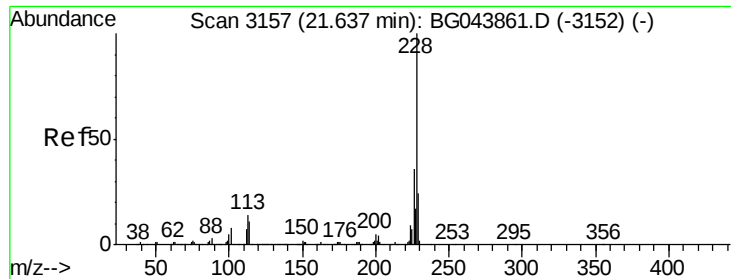
Delta R.T. -0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

Tgt Ion:	252	Resp:	461229
Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.1	78.1
126	11.4	9.1	13.7





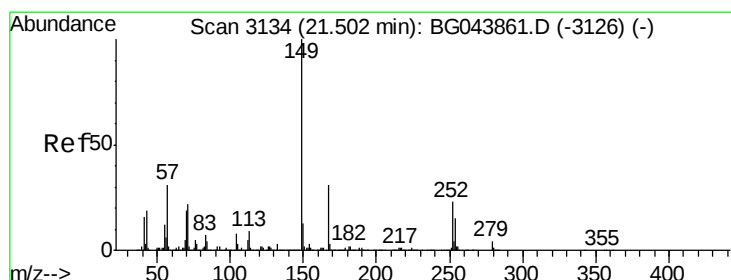
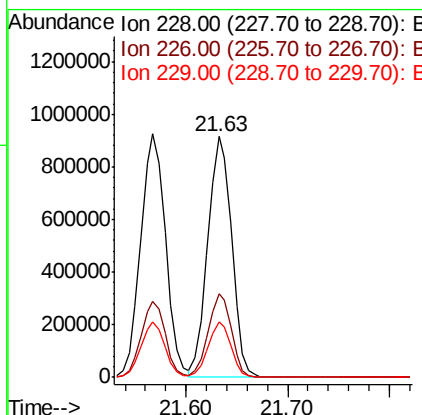
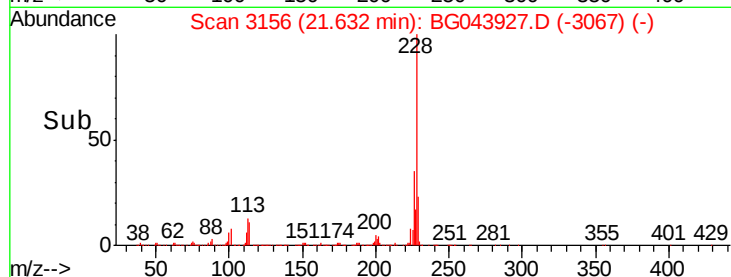
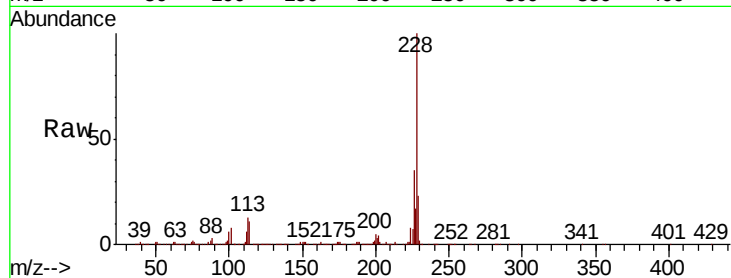
#83
Chrysene
Concen: 38.983 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Instrument :
BNA_G
ClientSampleId :
PB125814BS

Tot Ion:228 Resp: 1495336
Ion Ratio Lower Upper
228 100
226 34.7 28.8 43.2
229 22.9 19.0 28.6

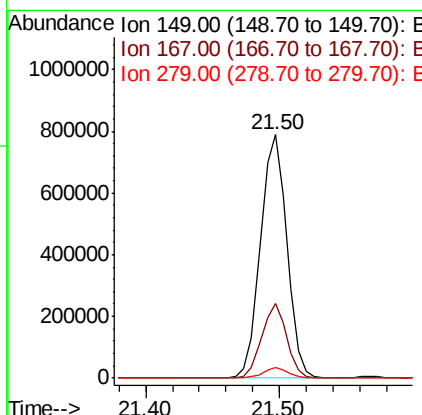
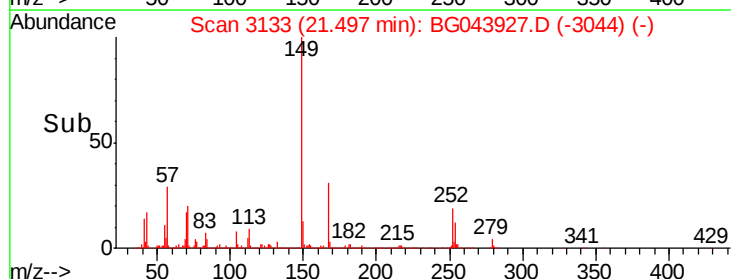
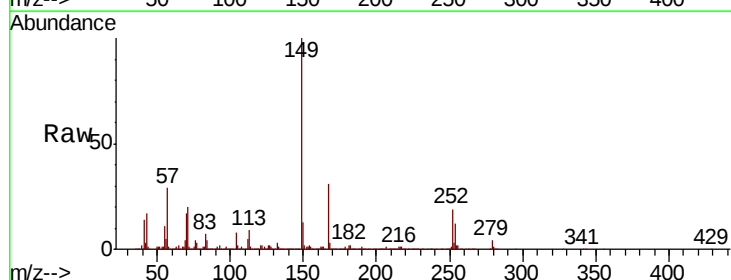
Manual Integrations
APPROVED

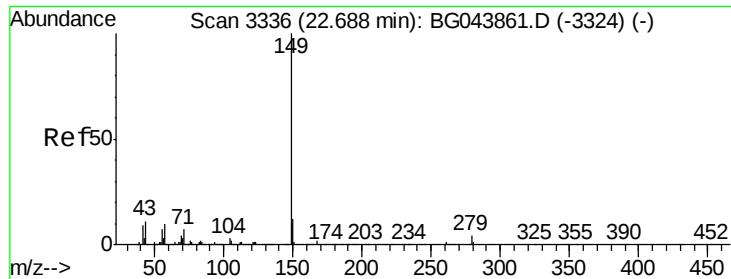
mohammad
1/7/2020 12:30:30 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 38.366 ng
RT: 21.50 min Scan# 3133
Delta R.T. -0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Tgt Ion:149 Resp: 1071027
Ion Ratio Lower Upper
149 100
167 30.7 24.7 37.1
279 4.4 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 39.438 ng

RT: 22.68 min Scan# 3334

Delta R.T. -0.01 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

Instrument :

BNA_G

ClientSampleId :

PB125814BS

Tot Ion:149 Resp: 1850865

Ion Ratio Lower Upper

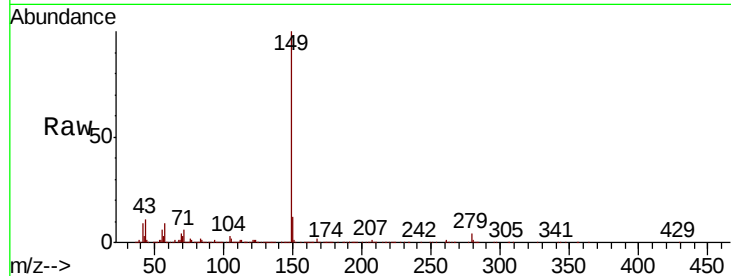
149 100

167 1.8 1.4 2.0

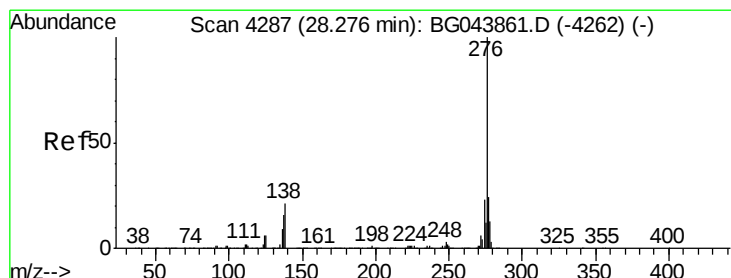
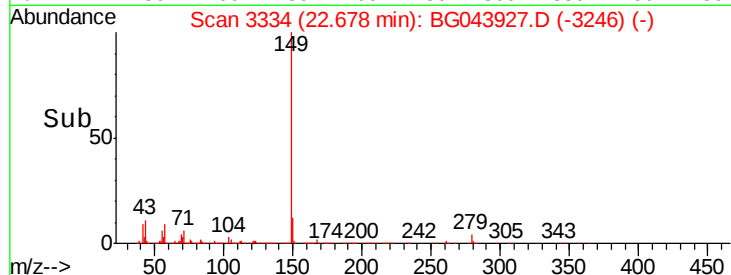
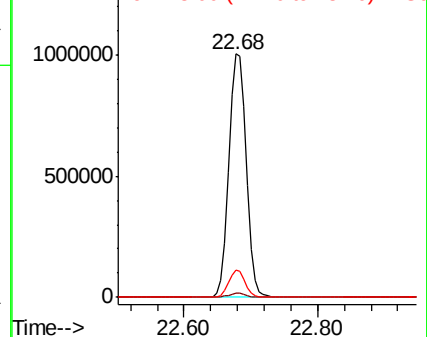
43 10.5 8.8 13.2

Manual Integrations
APPROVED

mohammad
1/7/2020 12:30:30 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: 37.436 ng

RT: 28.26 min Scan# 4284

Delta R.T. -0.02 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

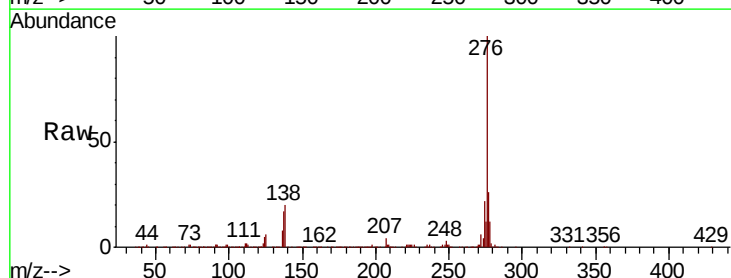
Tgt Ion:276 Resp: 1951494

Ion Ratio Lower Upper

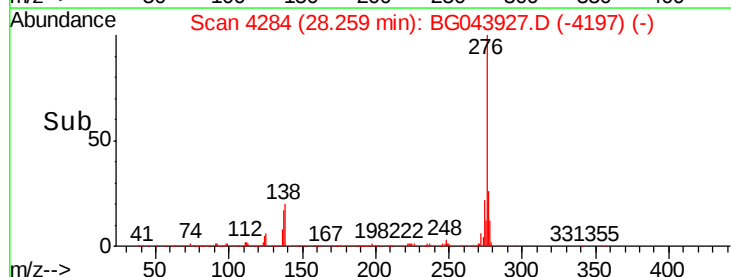
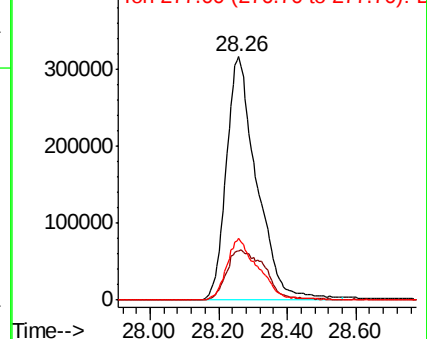
276 100

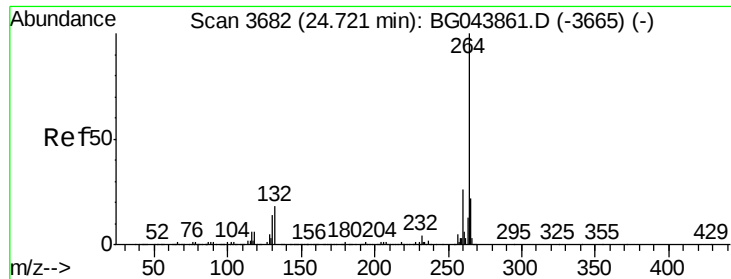
138 25.5 21.0 31.4

277 26.1 21.1 31.7



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





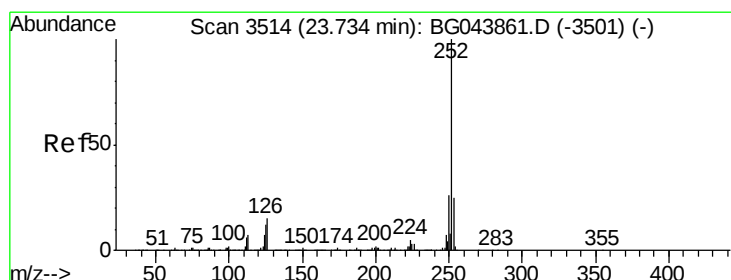
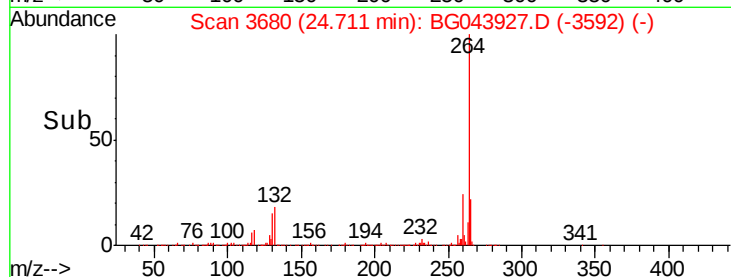
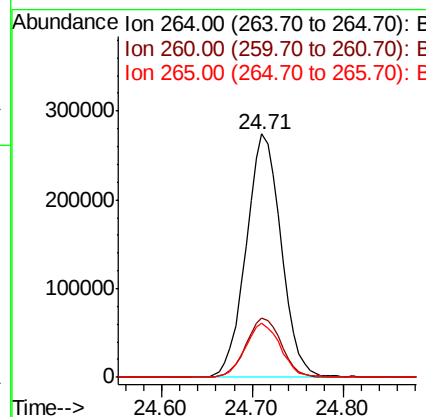
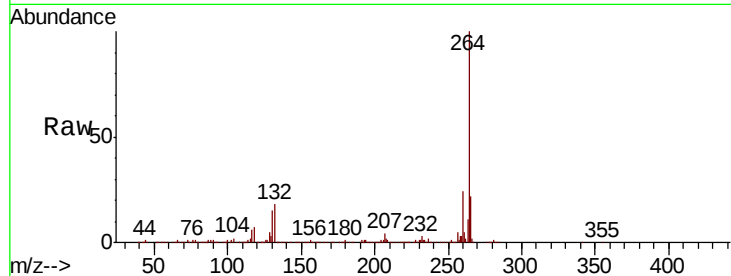
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.71 min Scan# 3680
Delta R.T. -0.01 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Instrument :
BNA_G
ClientSampleId :
PB125814BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.4	30.6
265	22.3	17.4	26.2

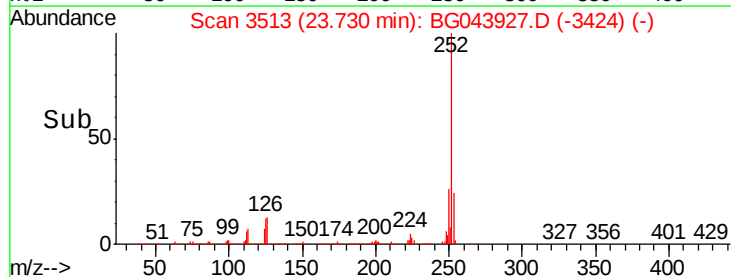
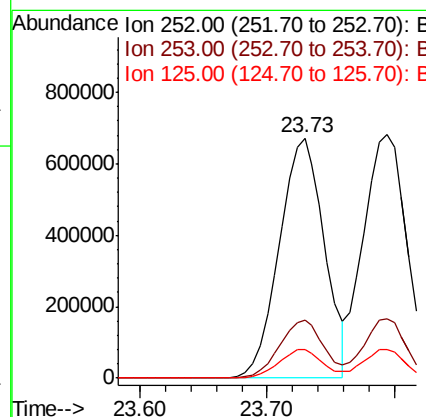
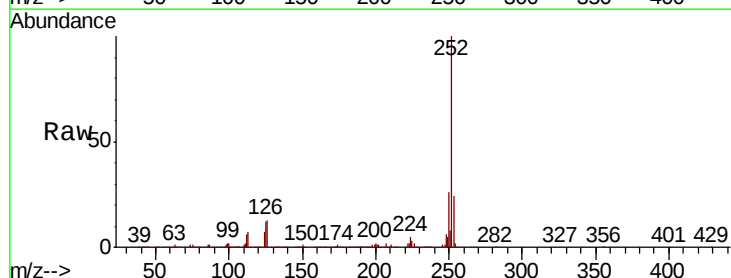
Manual Integrations
APPROVED

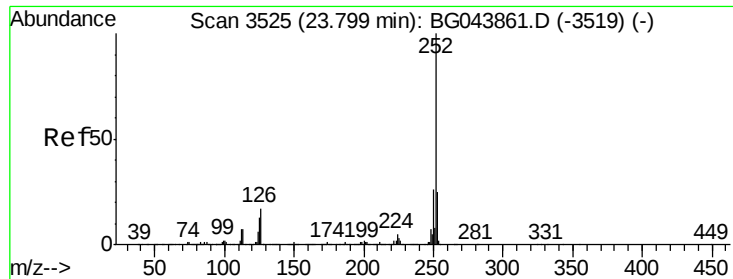
mohammad
1/7/2020 12:30:30 PM



#88
Benzo(b)fluoranthene
Concen: 38.109 ng
RT: 23.73 min Scan# 3513
Delta R.T. -0.00 min
Lab File: BG043927.D
Acq: 6 Jan 2020 11:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.7	29.5
125	11.7	9.4	14.2





#89

Benzo(k)fluoranthene

Concen: 39.473 ng

RT: 23.79 min Scan# 3524

Delta R.T. -0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

Instrument :

BNA_G

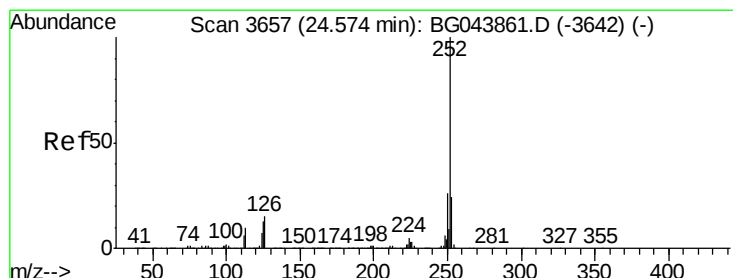
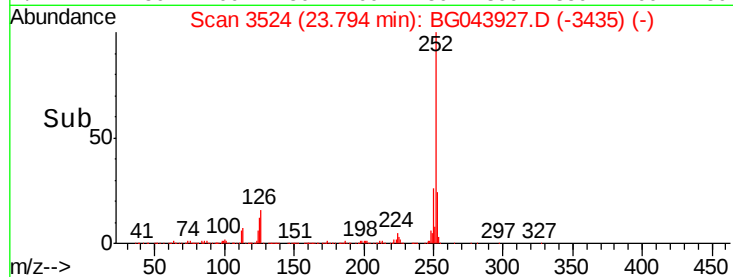
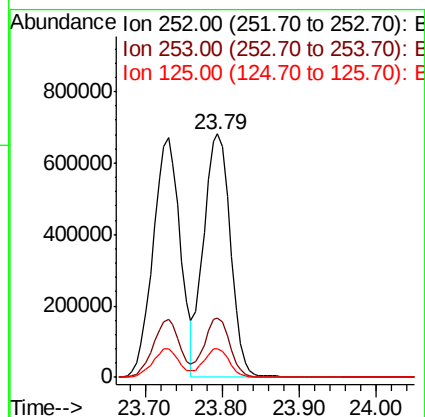
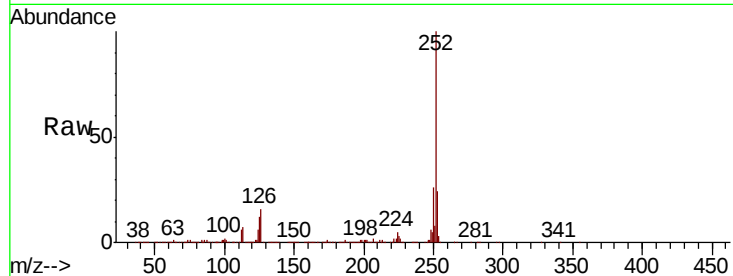
ClientSampleId :

PB125814BS

Tot Ion:	252	Resp:	1634041
Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.4	29.2
125	11.7	9.9	14.9

Manual Integrations
APPROVED

mohammad
1/7/2020 12:30:30 PM



#90

Benzo(a)pyrene

Concen: 38.048 ng

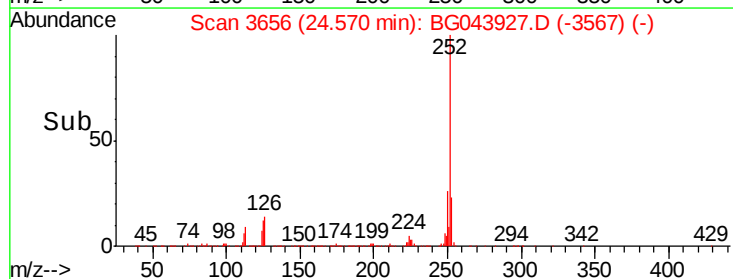
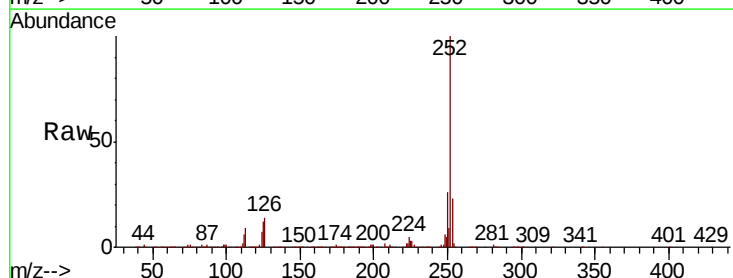
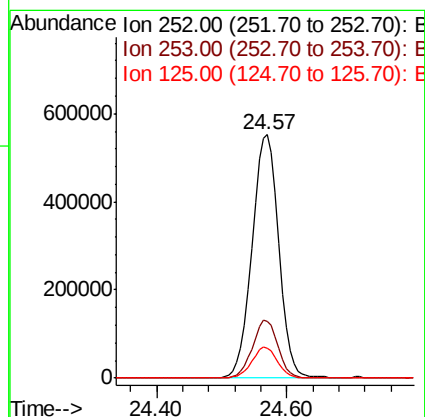
RT: 24.57 min Scan# 3656

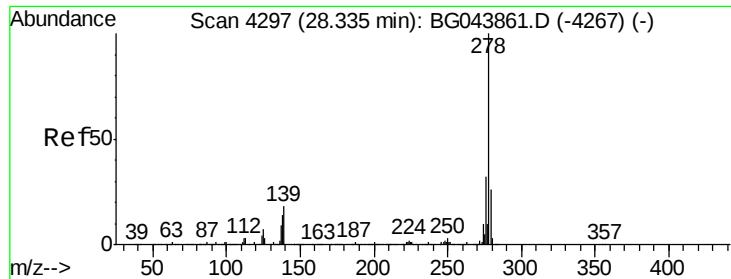
Delta R.T. -0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

Tgt Ion:	252	Resp:	1563246
Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.3	28.9
125	12.2	10.4	15.6





#91

Dibenzo(a,h)anthracene

Concen: 38.946 ng

RT: 28.33 min Scan# 4296

Delta R.T. -0.00 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

Instrument :

BNA_G

ClientSampleId :

PB125814BS

Tot Ion:278 Resp: 1607042

Ion Ratio Lower Upper

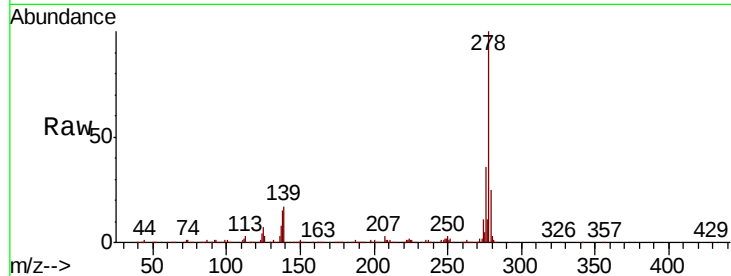
278 100

139 17.0 14.2 21.4

279 24.6 20.6 30.8

Manual Integrations
APPROVED

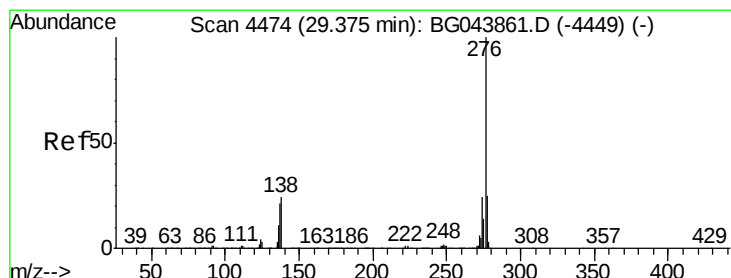
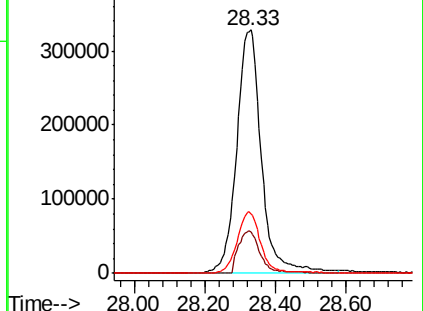
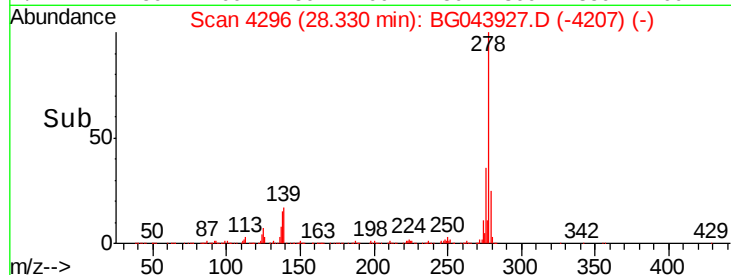
mohammad
1/7/2020 12:30:30 PM



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: 38.399 ng

RT: 29.36 min Scan# 4472

Delta R.T. -0.01 min

Lab File: BG043927.D

Acq: 6 Jan 2020 11:11

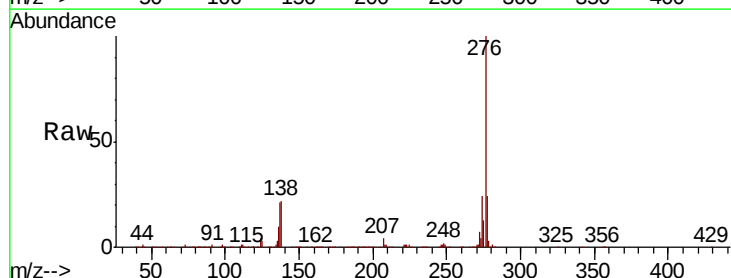
Tgt Ion:276 Resp: 1573855

Ion Ratio Lower Upper

276 100

277 24.2 20.2 30.4

138 22.1 19.0 28.6



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

