

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111919\
 Data File : BG043721.D
 Acq On : 20 Nov 2019 7:17
 Operator : JU
 Sample : K5665-04MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-111419MS

Manual Integrations
 APPROVED

mohammad
 11/21/2019 9:04:24 AM

Quant Time: Nov 20 08:03:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 19 15:23:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	30124	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	117441	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	85656	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	203341	20.00	ng	0.00
76) Chrysene-d12	21.63	240	208429	20.00	ng	0.00
87) Perylene-d12	24.80	264	218269	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	230713	140.34	ng	0.00
7) Phenol-d6	7.19	99	325433	137.59	ng	0.00
23) Nitrobenzene-d5	9.16	82	194689	85.47	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	199709	122.52	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	541230	87.31	ng	0.00
79) Terphenyl-d14	19.98	244	1039416	93.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	21301	33.250	ng	# 36
3) Pyridine	3.87	79	73460	45.458	ng	94
4) n-Nitrosodimethylamine	3.77	42	41701	51.139	ng	# 100
6) Aniline	7.32	93	19365	7.107	ng	95
8) 2-Chlorophenol	7.56	128	89020	49.055	ng	99
9) Benzaldehyde	7.14	77	1367	1.176	ng	# 68
10) Phenol	7.21	94	108547	50.223	ng	99
11) bis(2-Chloroethyl)ether	7.41	93	72217	43.218	ng	96
12) 1,3-Dichlorobenzene	7.88	146	89123	39.198	ng	93
13) 1,4-Dichlorobenzene	8.02	146	92639	40.271	ng	99
14) 1,2-Dichlorobenzene	8.35	146	92841	41.335	ng	96
15) Benzyl Alcohol	8.24	79	63652	38.319	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.52	45	100084	41.191	ng	96
17) 2-Methylphenol	8.46	107	75633	48.003	ng	96
18) Hexachloroethane	9.07	117	32031	38.594	ng	92
19) n-Nitroso-di-n-propylamine	8.79	70	66079	43.235	ng	# 97
20) 3+4-Methylphenols	8.79	107	103147	47.741	ng	93
22) Acetophenone	8.82	105	130109	43.261	ng	# 99
24) Nitrobenzene	9.20	77	100273	46.208	ng	100
25) Isophorone	9.72	82	185505	44.541	ng	99
26) 2-Nitrophenol	9.91	139	51978	49.613	ng	95
27) 2,4-Dimethylphenol	9.98	122	82894	55.204	ng	99
28) bis(2-Chloroethoxy)methane	10.20	93	98096	42.676	ng	97
29) 2,4-Dichlorophenol	10.47	162	95207	49.485	ng	98
30) 1,2,4-Trichlorobenzene	10.66	180	103226	42.570	ng	97
31) Naphthalene	10.84	128	272678	45.742	ng	98
32) Benzoic acid	10.17	122	49758	44.266	ng	92
33) 4-Chloroaniline	10.98	127	4357	1.783	ng	# 90
34) Hexachlorobutadiene	11.13	225	74520	41.573	ng	95
35) Caprolactam	11.75	113	30095m	45.419	ng	
36) 4-Chloro-3-methylphenol	12.11	107	107043	51.007	ng	91
37) 2-Methylnaphthalene	12.45	142	209295	45.758	ng	98
38) 1-Methylnaphthalene	12.67	142	198130	45.526	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	133167	42.008	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111919\
 Data File : BG043721.D
 Acq On : 20 Nov 2019 7:17
 Operator : JU
 Sample : K5665-04MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-111419MS

Manual Integrations
 APPROVED

mohammad
 11/21/2019 9:04:24 AM

Quant Time: Nov 20 08:03:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 19 15:23:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	125285	75.236	nq	100
43) 2,4,6-Trichlorophenol	13.06	196	90256	48.347	nq	95
44) 2,4,5-Trichlorophenol	13.16	196	95902	50.813	nq	98
46) 1,1'-Biphenyl	13.45	154	288146	44.220	nq	96
47) 2-Chloronaphthalene	13.50	162	218918	44.154	nq	95
48) 2-Nitroaniline	13.71	65	62752	42.347	nq	98
49) Acenaphthylene	14.35	152	353948	45.869	nq	99
50) Dimethylphthalate	14.08	163	303617	45.762	nq	98
51) 2,6-Dinitrotoluene	14.20	165	69064	47.916	nq	95
52) Acenaphthene	14.69	154	211799	45.009	nq	98
53) 3-Nitroaniline	14.55	138	9260	6.654	nq	99
54) 2,4-Dinitrophenol	14.74	184	83332	91.439	nq	90
55) Dibenzofuran	15.02	168	355836	46.630	nq	100
56) 4-Nitrophenol	14.88	139	84657	90.779	nq	# 85
57) 2,4-Dinitrotoluene	14.99	165	93452	45.368	nq	98
58) Fluorene	15.67	166	293429	45.846	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.26	232	94200	46.977	nq	# 99
60) Diethylphthalate	15.44	149	292148	43.824	nq	100
61) 4-Chlorophenyl-phenylether	15.66	204	171642	45.970	nq	97
62) 4-Nitroaniline	15.70	138	39754	27.661	nq	92
63) Azobenzene	15.96	77	247682	45.908	nq	98
65) 4,6-Dinitro-2-methylphenol	15.76	198	62605	52.316	nq	93
66) n-Nitrosodiphenylamine	15.87	169	165692	28.862	nq	95
67) 4-Bromophenyl-phenylether	16.55	248	119878	43.807	nq	97
68) Hexachlorobenzene	16.68	284	132232	42.096	nq	97
69) Atrazine	16.82	200	42717	21.414	nq	98
70) Pentachlorophenol	17.03	266	135919	94.961	nq	95
71) Phenanthrene	17.41	178	465204	44.677	nq	99
72) Anthracene	17.50	178	474351	45.532	nq	100
73) Carbazole	17.78	167	288167	30.545	nq	99
74) Di-n-butylphthalate	18.32	149	500870	43.755	nq	100
75) Fluoranthene	19.42	202	603157	44.432	nq	99
78) Pyrene	19.78	202	612155	47.448	nq	99
80) Butylbenzylphthalate	20.66	149	224258	45.881	nq	99
81) Benzo(a)anthracene	21.61	228	620948	47.561	nq	99
82) 3,3'-Dichlorobenzidine	21.55	252	9565m	1.894	nq	
83) Chrysene	21.68	228	606809	46.778	nq	99
84) Bis(2-ethylhexyl)phthalate	21.51	149	332832	47.936	nq	99
85) Di-n-octyl phthalate	22.70	149	567577	48.182	nq	98
86) Indeno(1,2,3-cd)pyrene	28.43	276	737351	45.283	nq	# 95
88) Benzo(b)fluoranthene	23.80	252	644997	52.176	nq	99
89) Benzo(k)fluoranthene	23.87	252	654984	52.630	nq	99
90) Benzo(a)pyrene	24.66	252	564732	47.839	nq	99
91) Dibenzo(a,h)anthracene	28.49	278	638125	52.848	nq	99
92) Benzo(g,h,i)perylene	29.56	276	604170	50.726	nq	100

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



#1

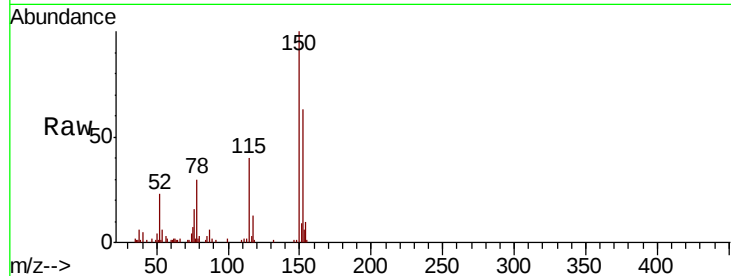
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG043721.D
Acq: 20 Nov 2019 7:17

Instrument :
BNA_G
ClientSampleId :
HR-05-111419MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	116.6	175.0
115	63.3	40.5	60.7

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:24 AM

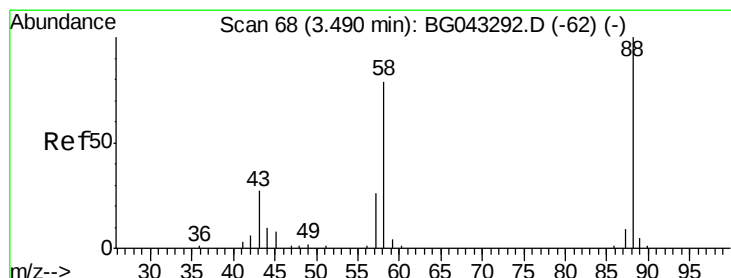
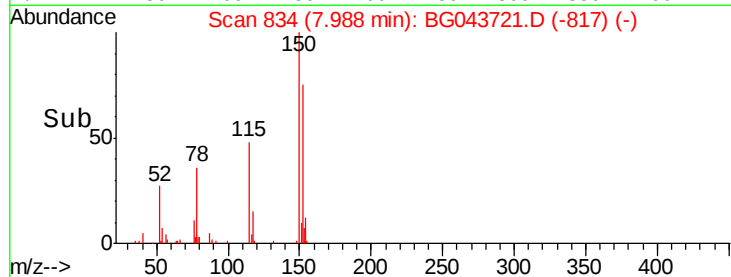
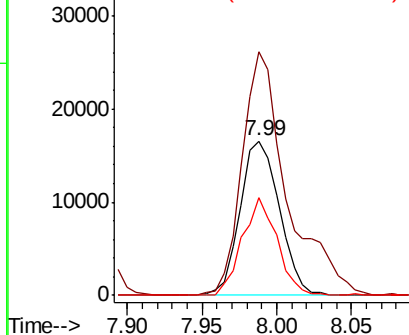


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

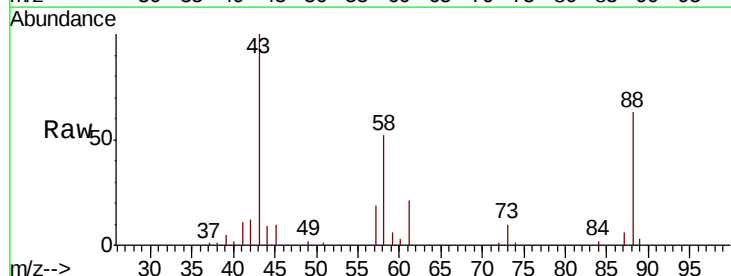
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.250 ng
RT: 3.46 min Scan# 64
Delta R.T. 0.02 min
Lab File: BG043721.D
Acq: 20 Nov 2019 7:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.9	62.2	93.4
43	147.2	30.1	45.1

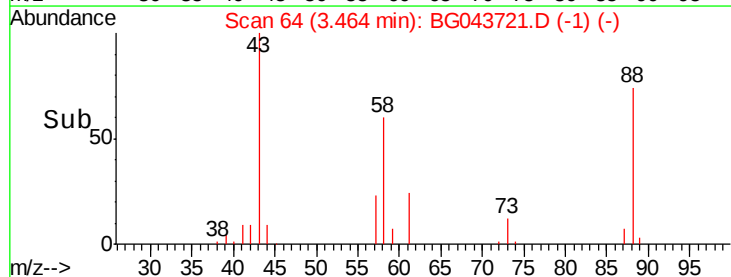
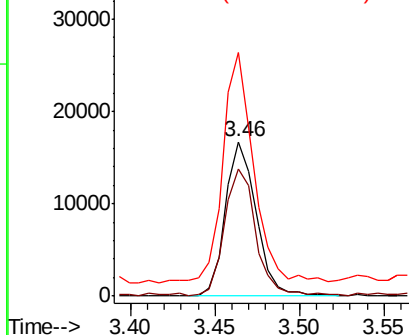


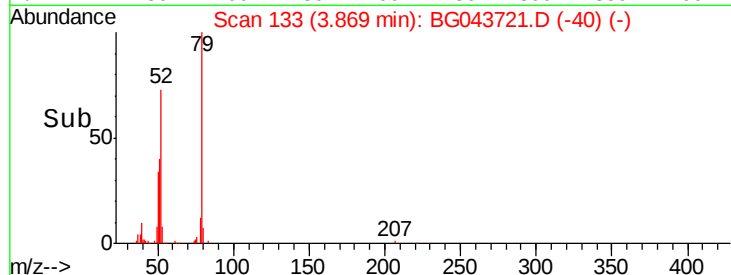
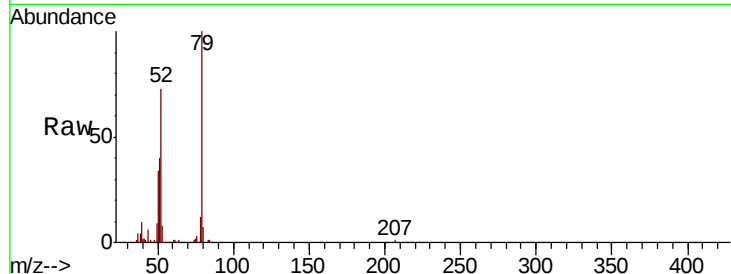
Abundance

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





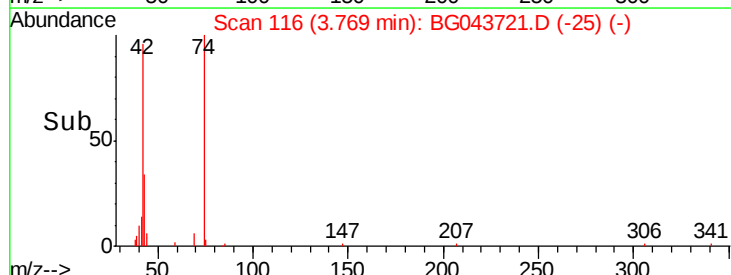
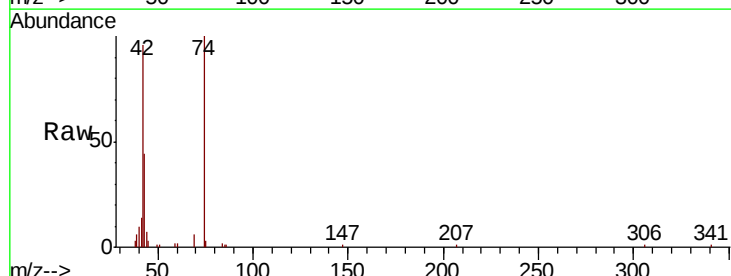
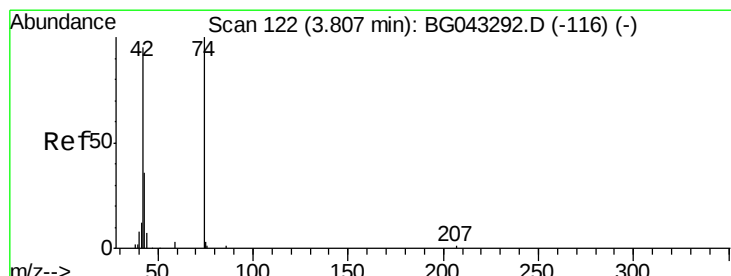
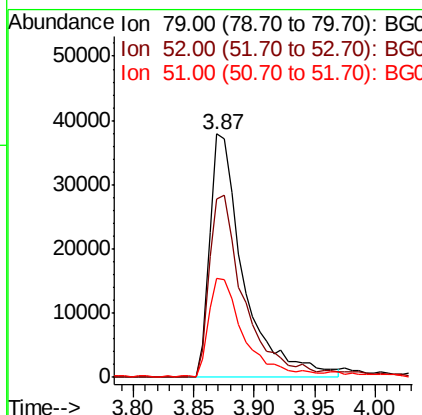
#3
 Pvridine
 Concen: 45.458 ng
 RT: 3.87 min Scan# 133
 Delta R.T. 0.02 min
 Lab File: BG043721.D
 Acq: 20 Nov 2019 7:17

Tot Ion:	79	Resp:	73460
Ion Ratio	Lower	Upper	
79	100		
52	73.3	63.2	94.8
51	40.4	34.5	51.7

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-111419MS

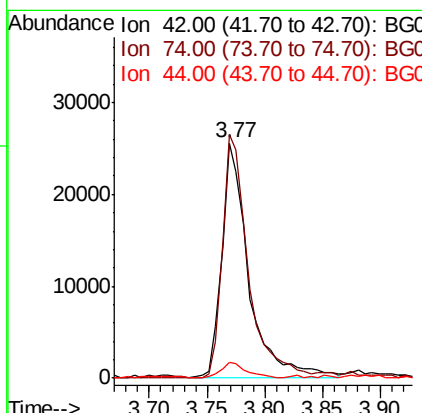
Manual Integrations
 APPROVED

mohammad
 11/21/2019 9:04:24 AM



#4
 n-Nitrosodimethylamine
 Concen: 51.139 ng
 RT: 3.77 min Scan# 116
 Delta R.T. 0.00 min
 Lab File: BG043721.D
 Acq: 20 Nov 2019 7:17

Tgt Ion:	42	Resp:	41701
Ion Ratio	Lower	Upper	
42	100		
74	103.8	83.0	124.6
44	7.0	4.4	6.6#





#5

2-Fluorophenol

Concen: 140.343 ng

RT: 5.58 min Scan# 425

Delta R.T. 0.00 min

Lab File: BG043721.D

Acq: 20 Nov 2019 7:17

Instrument :

BNA_G

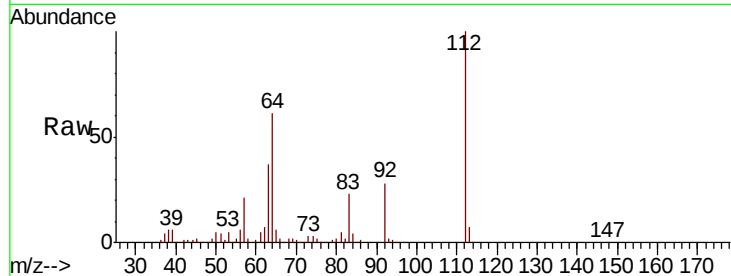
ClientSampleId :

HR-05-111419MS

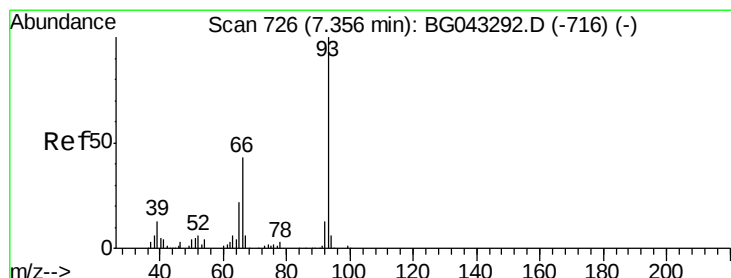
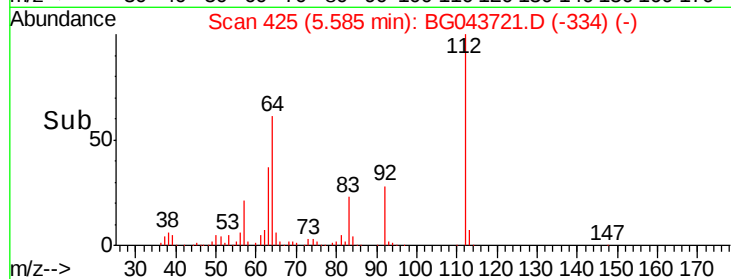
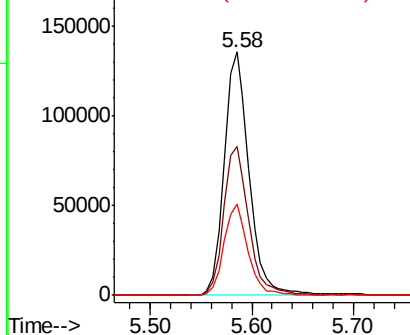
Tot Ion:	112	Resp:	230713
Ion Ratio	Lower	Upper	
112	100		
64	61.3	50.6	75.8
63	37.3	30.5	45.7

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:24 AM



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 7.107 ng

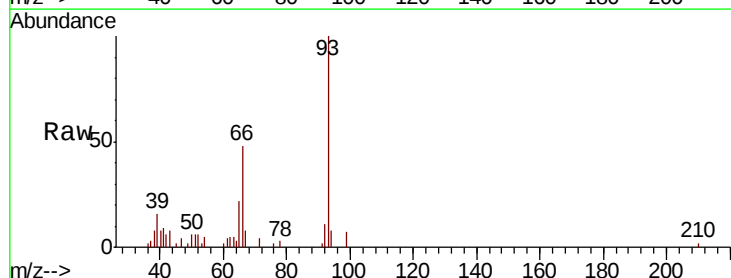
RT: 7.32 min Scan# 721

Delta R.T. 0.00 min

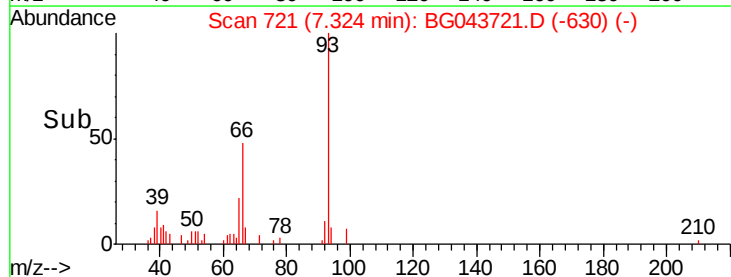
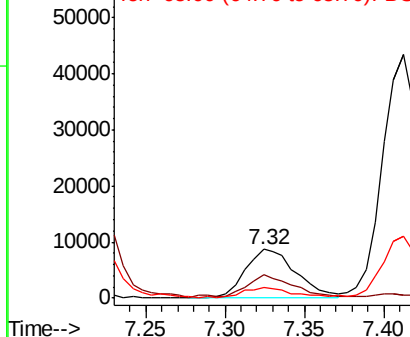
Lab File: BG043721.D

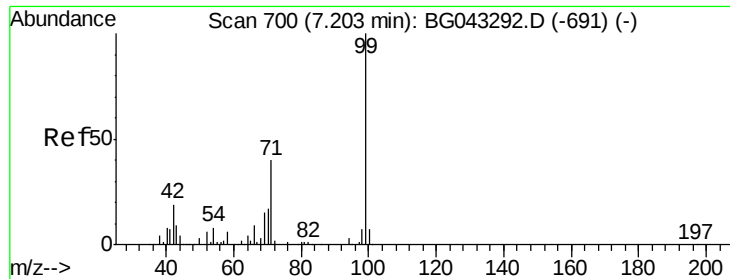
Acq: 20 Nov 2019 7:17

Tgt Ion:	93	Resp:	19365
Ion Ratio	Lower	Upper	
93	100		
66	48.4	35.4	53.2
65	22.2	17.1	25.7



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 137.591 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG043721.D

Acq: 20 Nov 2019 7:17

Instrument :

BNA_G

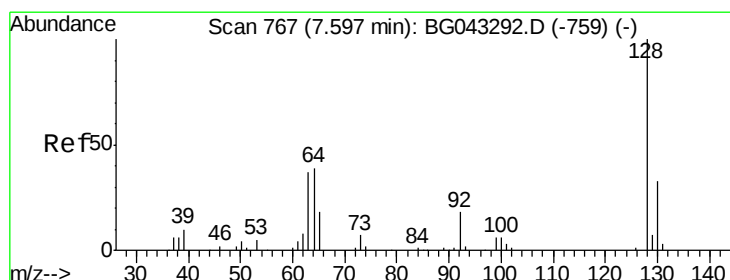
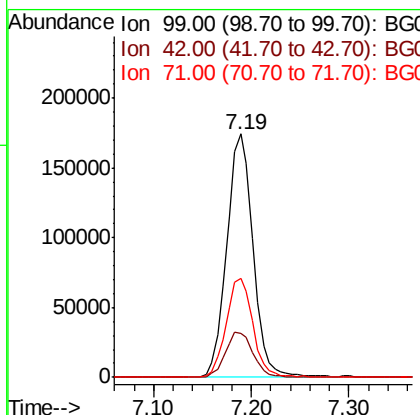
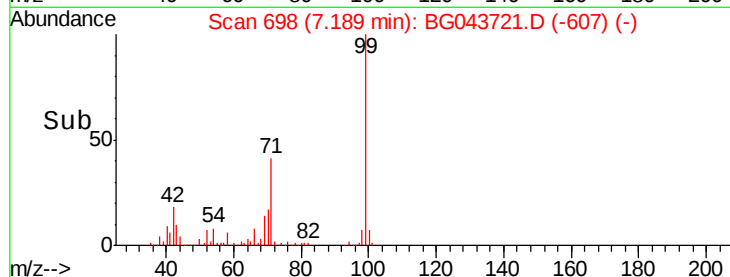
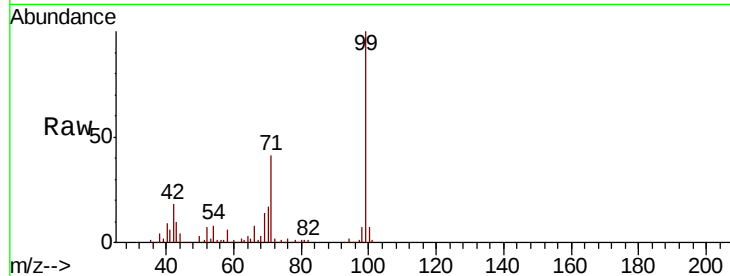
ClientSampleId :

HR-05-111419MS

Tot Ion:	99	Resp:	325433
Ion Ratio	Lower	Upper	
99	100		
42	18.2	15.8	23.8
71	40.9	34.4	51.6

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:24 AM



#8

2-Chlorophenol

Concen: 49.055 ng

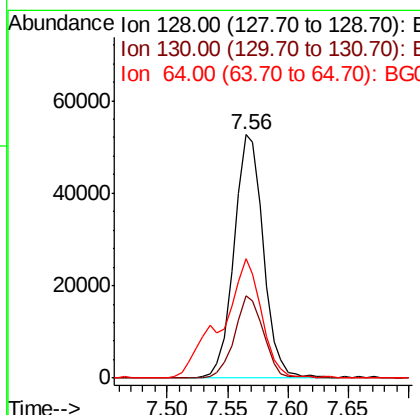
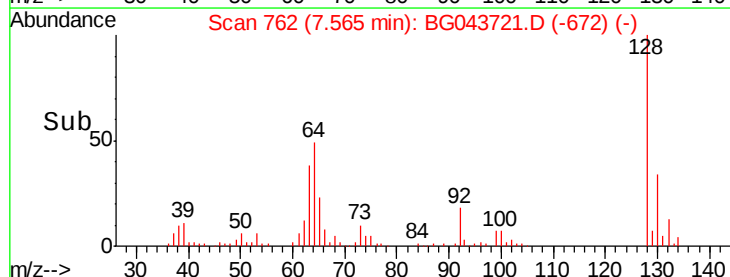
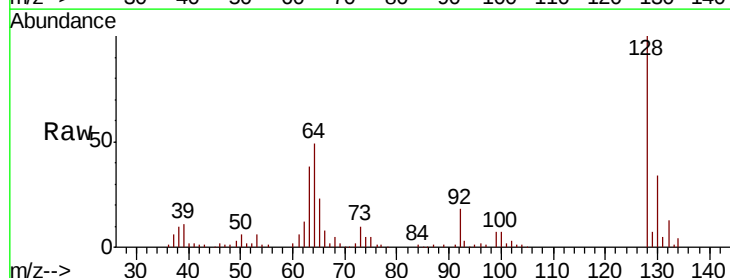
RT: 7.56 min Scan# 762

Delta R.T. -0.00 min

Lab File: BG043721.D

Acq: 20 Nov 2019 7:17

Tgt Ion:	128	Resp:	89020
Ion Ratio	Lower	Upper	
128	100		
130	33.7	14.5	54.5
64	48.8	29.2	69.2





#9

Benzaldehyd

Concen: 1.176 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG043721.D

Acq: 20 Nov 2019 7:17

Instrument :

BNA_G

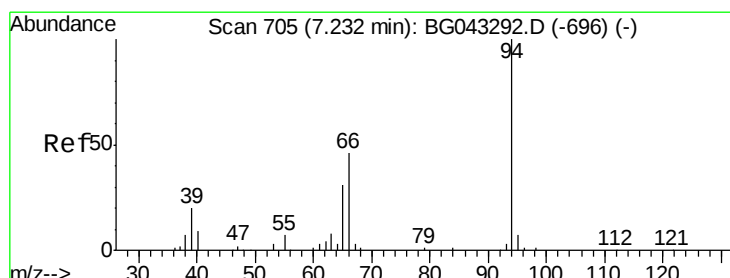
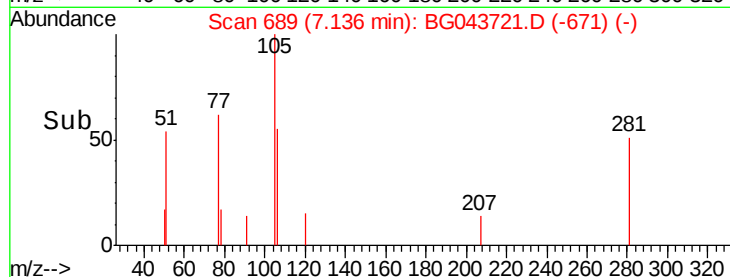
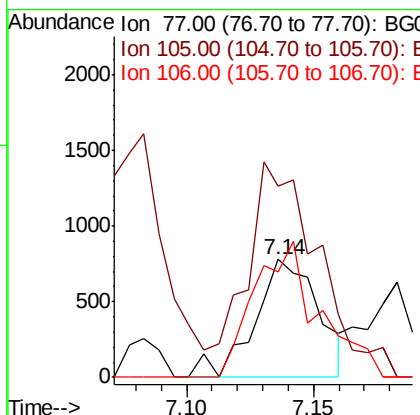
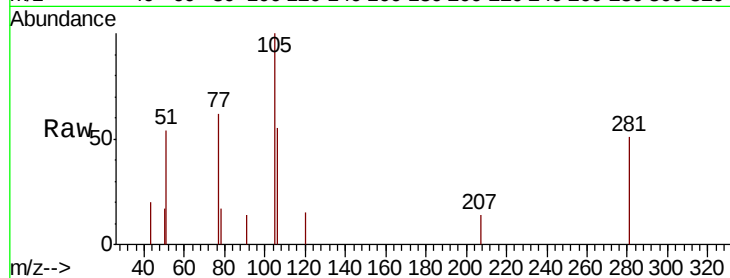
ClientSampleID :

HR-05-111419MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	162.6	84.9	124.9#
106	89.4	75.1	115.1

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:24 AM



#10

Phenol

Concen: 50.223 ng

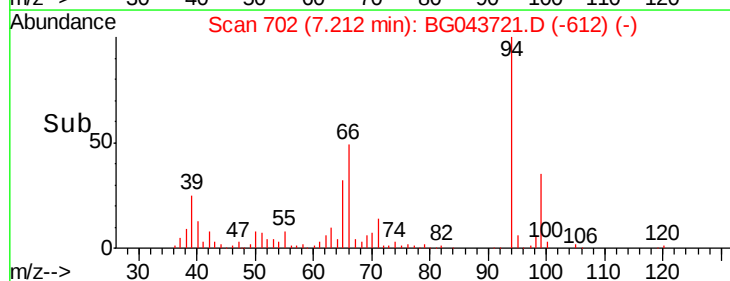
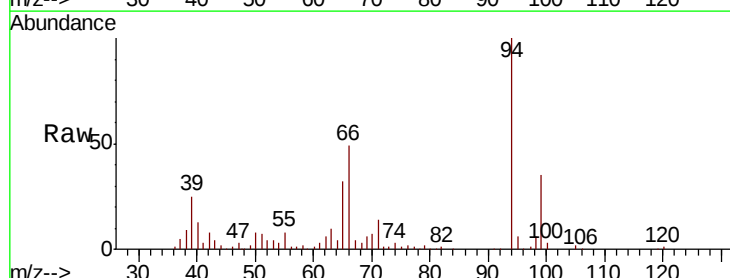
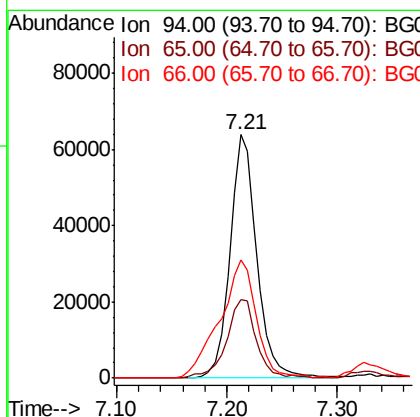
RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG043721.D

Acq: 20 Nov 2019 7:17

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.0	11.4	51.4
66	48.6	28.4	68.4





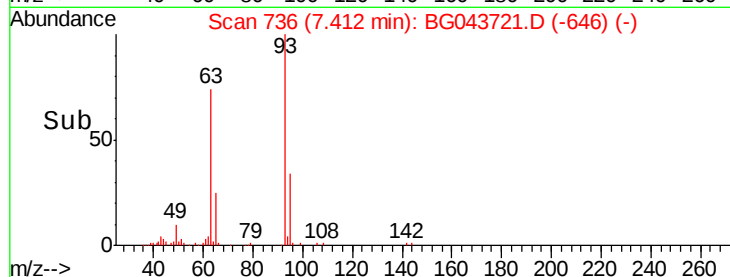
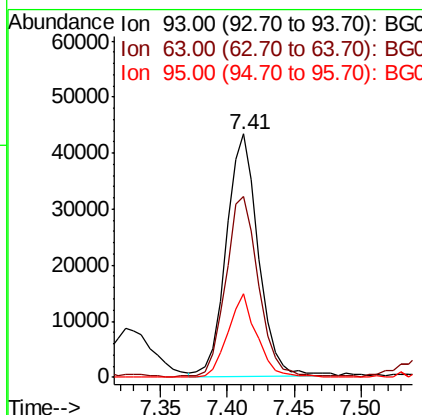
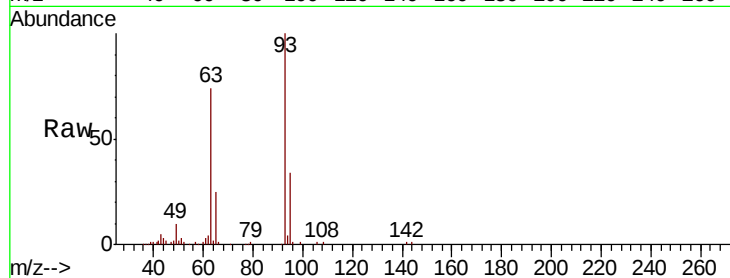
#11
bis(2-Chloroethyl)ether
Concen: 43.218 ng
RT: 7.41 min Scan# 736
Delta R.T. -0.00 min
Lab File: BG043721.D
Acq: 20 Nov 2019 7:17

Instrument :
BNA_G
ClientSampleId :
HR-05-111419MS

Tot Ion:	93	Resp:	72217
Ion	Ratio	Lower	Upper
93	100		
63	74.4	54.9	94.9
95	34.4	7.2	47.2

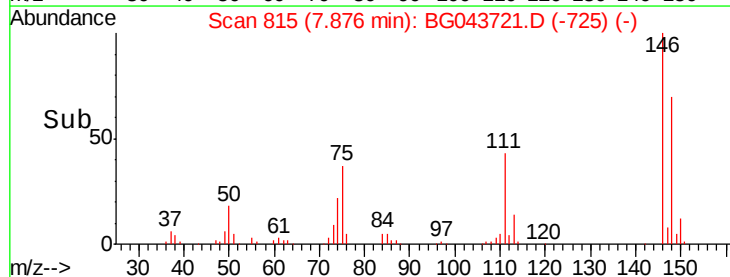
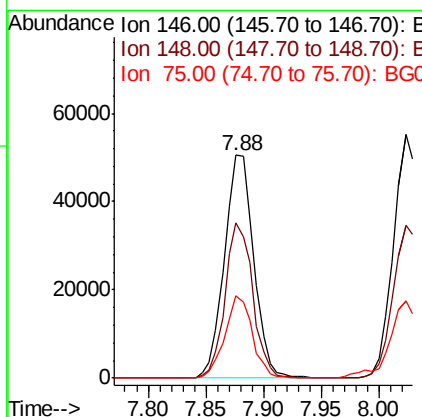
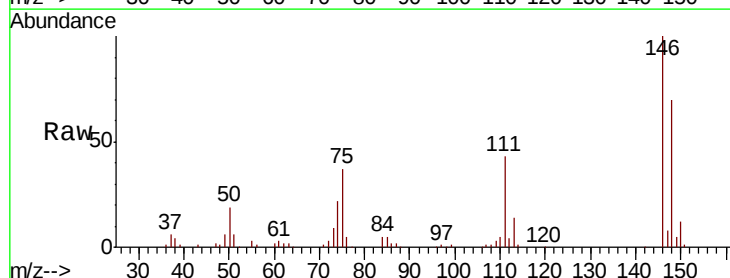
Manual Integrations
APPROVED

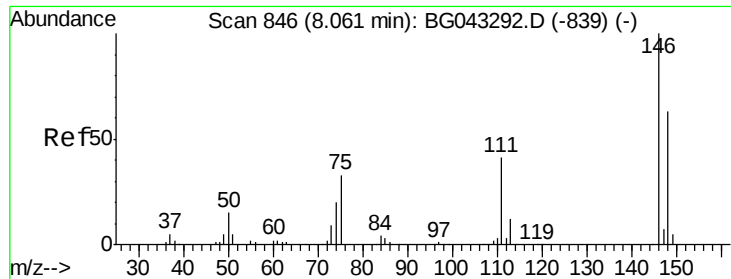
mohammad
11/21/2019 9:04:24 AM



#12
1,3-Dichlorobenzene
Concen: 39.198 ng
RT: 7.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BG043721.D
Acq: 20 Nov 2019 7:17

Tgt Ion:	146	Resp:	89123
Ion	Ratio	Lower	Upper
146	100		
148	69.6	51.4	77.2
75	37.1	26.2	39.2





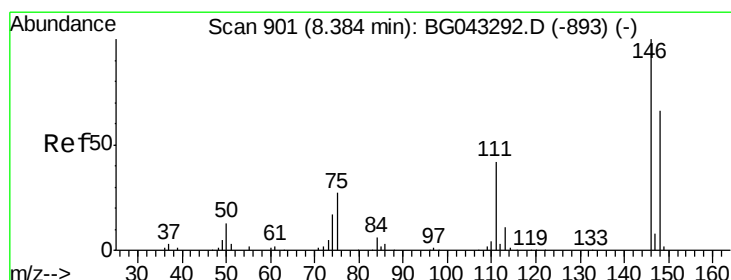
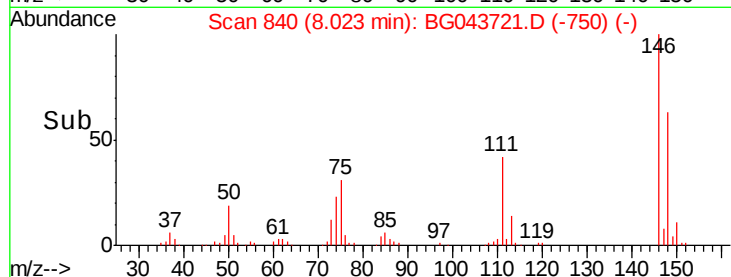
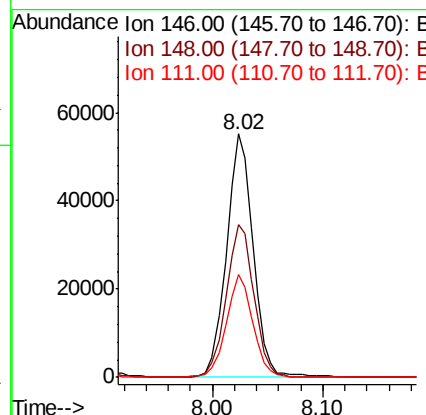
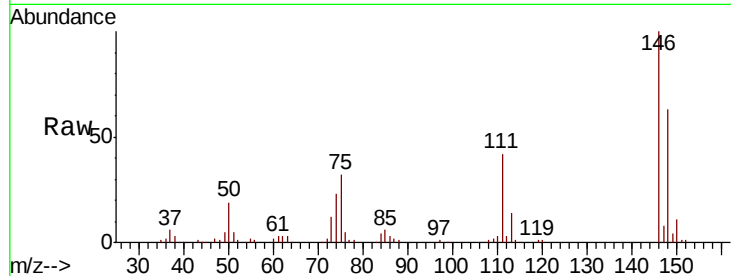
#13
1,4-Dichlorobenzene
Concen: 40.271 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043721.D
Acq: 20 Nov 2019 7:17

Instrument :
BNA_G
ClientSampleId :
HR-05-111419MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.0	76.6
111	42.1	34.3	51.5

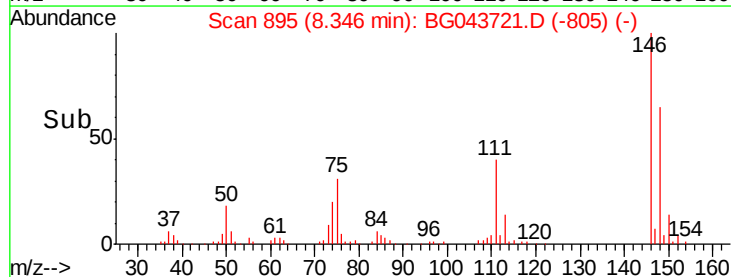
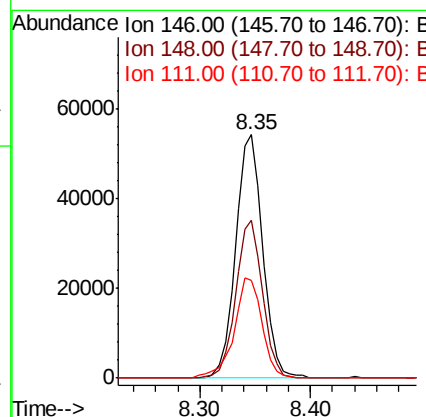
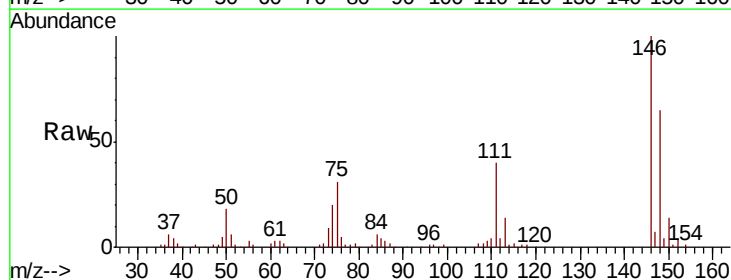
Manual Integrations
APPROVED

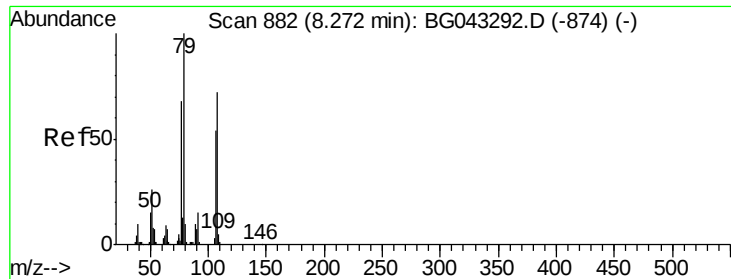
mohammad
11/21/2019 9:04:24 AM



#14
1,2-Dichlorobenzene
Concen: 41.335 ng
RT: 8.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BG043721.D
Acq: 20 Nov 2019 7:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	53.4	80.2
111	40.0	35.3	52.9





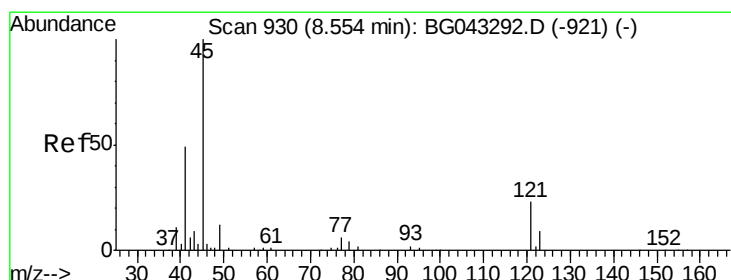
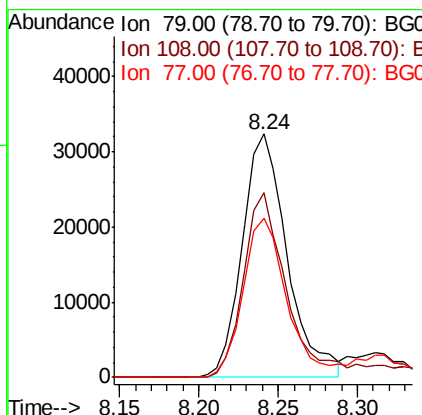
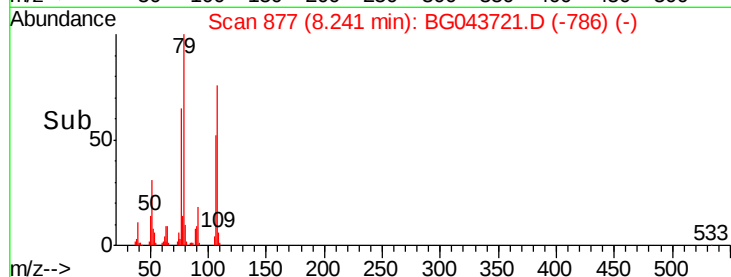
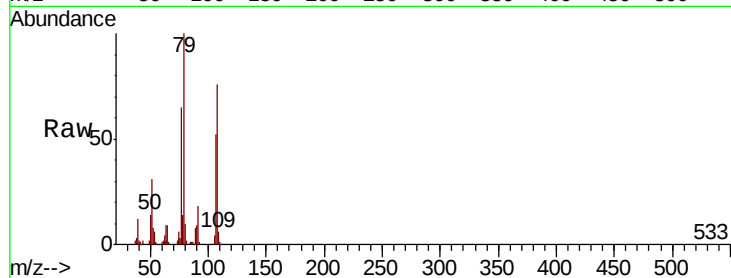
#15
Benzyl Alcohol
Concen: 38.319 ng
RT: 8.24 min Scan# 877
Delta R.T. 0.00 min
Lab File: BG043721.D
Acq: 20 Nov 2019 7:17

Instrument :
BNA_G
ClientSampleId :
HR-05-111419MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.0	56.0	84.0
77	65.4	47.9	71.9

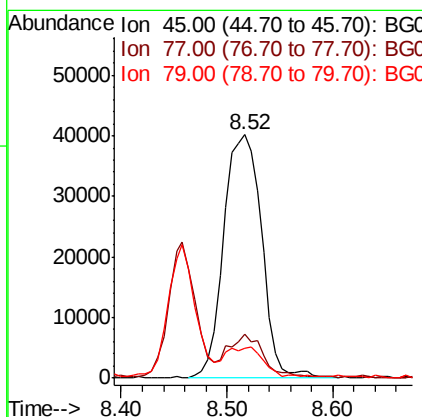
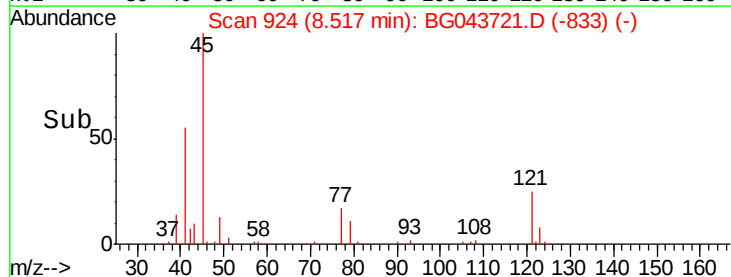
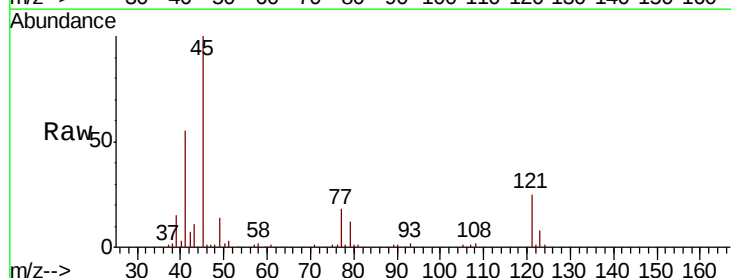
Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:24 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.191 ng
RT: 8.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BG043721.D
Acq: 20 Nov 2019 7:17

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.2	0.0	35.2
79	12.4	0.0	32.4





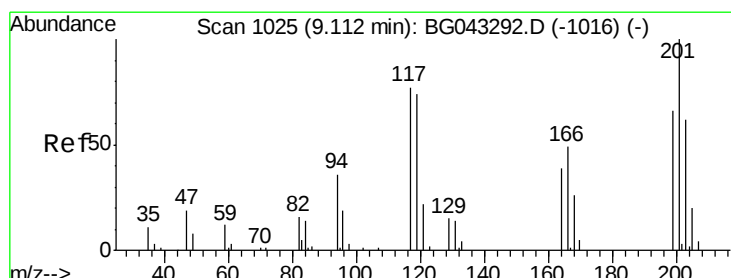
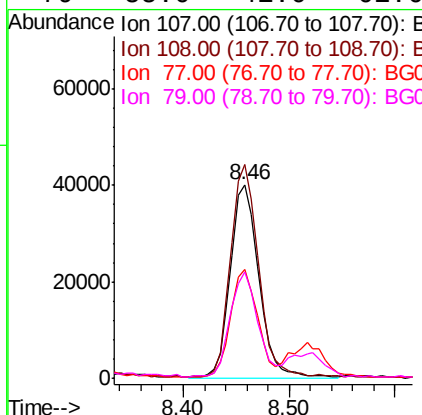
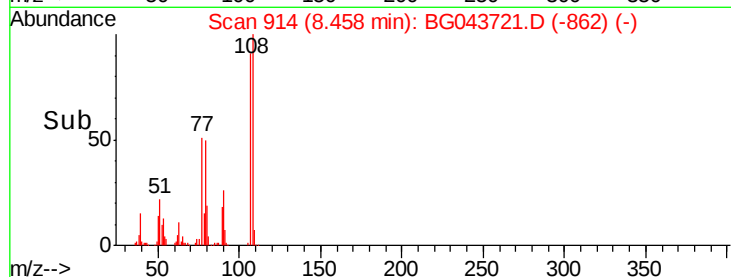
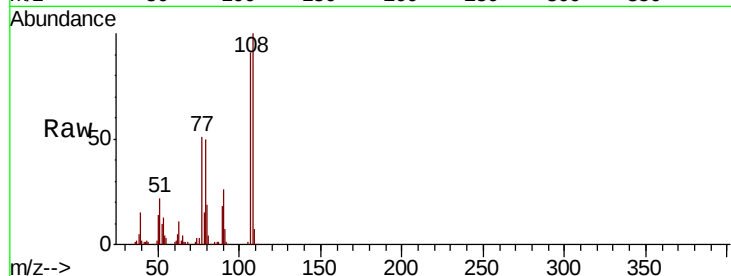
#17
2-Methylphenol
Concen: 48.003 ng
RT: 8.46 min Scan# 914
Delta R.T. 0.00 min
Lab File: BG043721.D
Acq: 20 Nov 2019 7:17

Instrument :
BNA_G
ClientSampleId :
HR-05-111419MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.2	84.7	127.1	
77	55.9	46.2	69.4	
79	55.0	41.0	61.6	

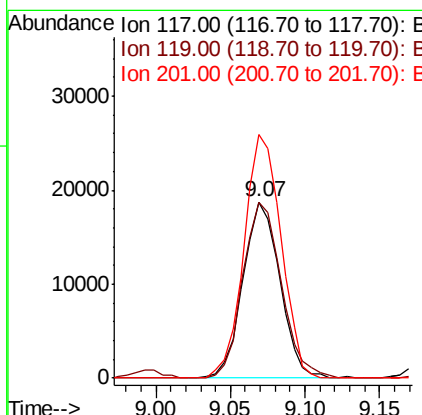
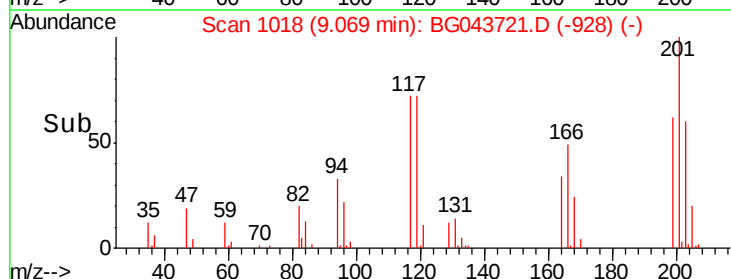
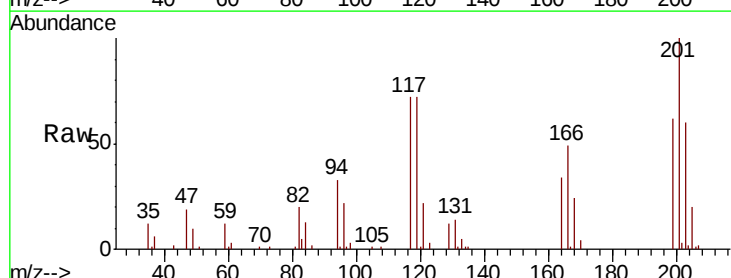
Manual Integrations
APPROVED

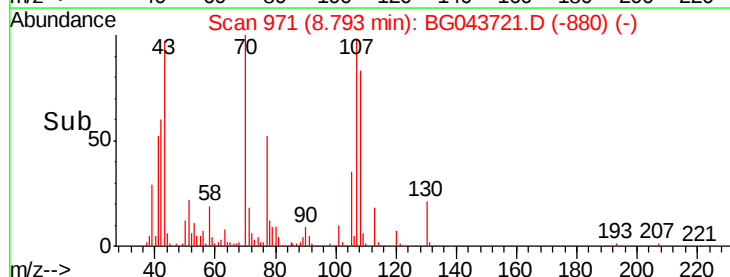
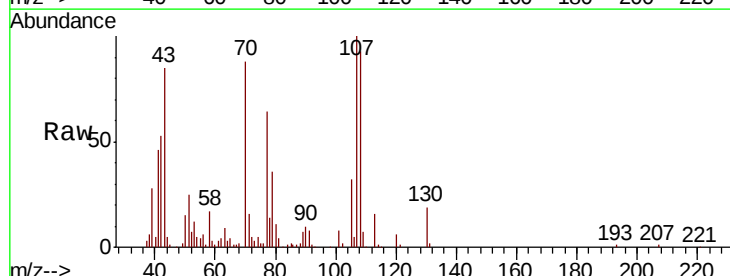
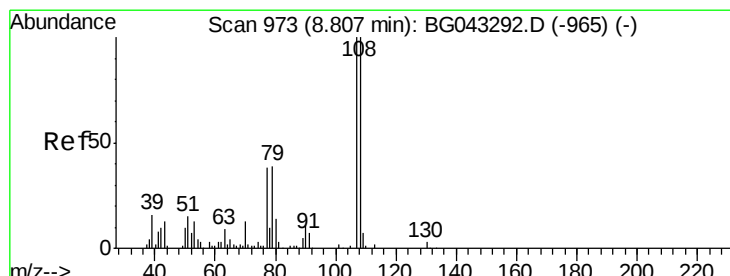
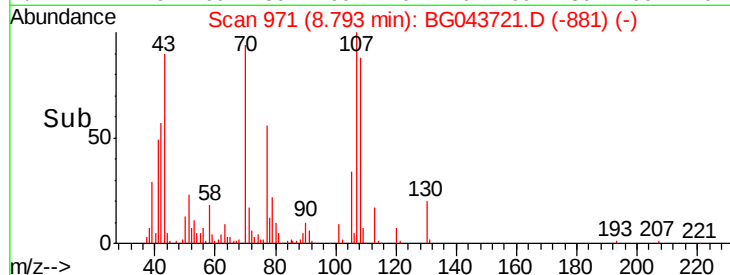
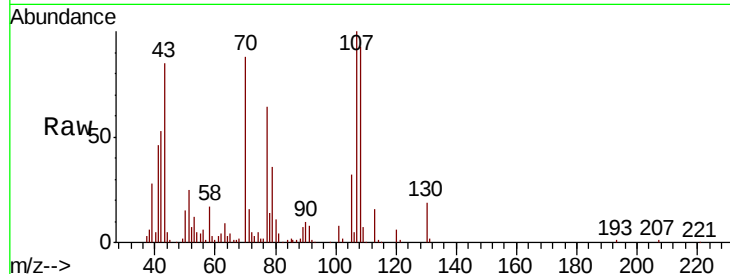
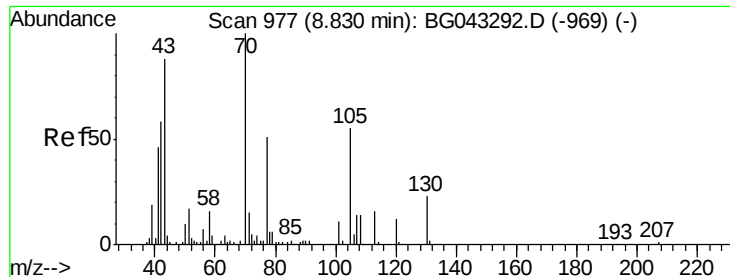
mohammad
11/21/2019 9:04:24 AM



#18
Hexachloroethane
Concen: 38.594 ng
RT: 9.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BG043721.D
Acq: 20 Nov 2019 7:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.7	81.7	122.5	
201	138.1	98.6	147.8	





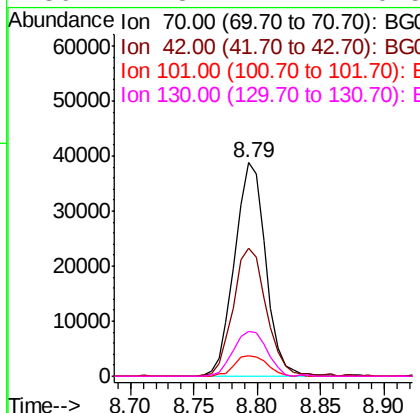
#19
n-Nitroso-di-n-propylamine
Concen: 43.235 ng
RT: 8.79 min Scan# 971
Delta R.T. -0.00 min
Lab File: BG043721.D
Acq: 20 Nov 2019 7:17

Instrument :
BNA_G
ClientSampleId :
HR-05-111419MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	60.1	49.7	74.5	
101	9.6	9.7	14.5	
130	21.3	17.7	26.5	

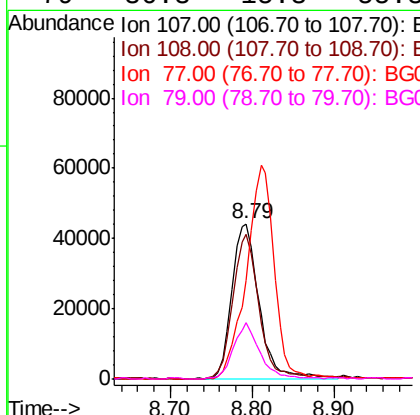
Manual Integrations
APPROVED

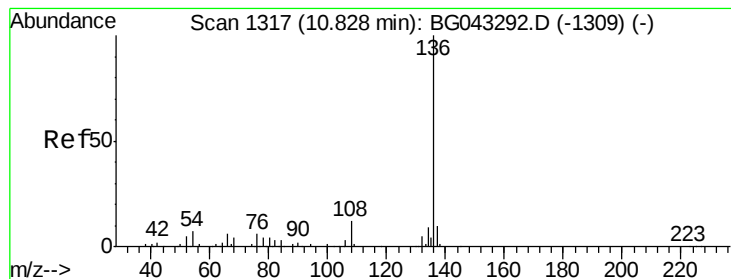
mohammad
11/21/2019 9:04:24 AM



#20
3+4-Methylphenols
Concen: 47.741 ng
RT: 8.79 min Scan# 971
Delta R.T. 0.00 min
Lab File: BG043721.D
Acq: 20 Nov 2019 7:17

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.8	69.5	109.5	
77	63.6	32.8	72.8	
79	36.3	15.3	55.3	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.79 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BG043721.D

Acq: 20 Nov 2019 7:17

Instrument :

BNA_G

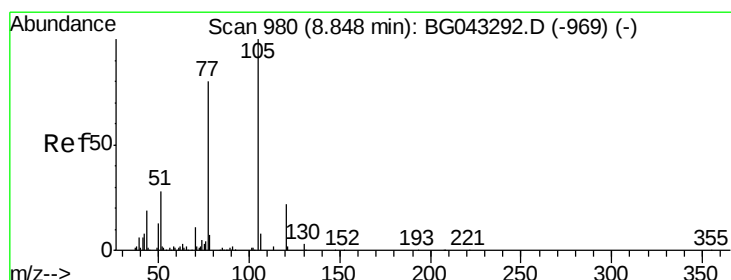
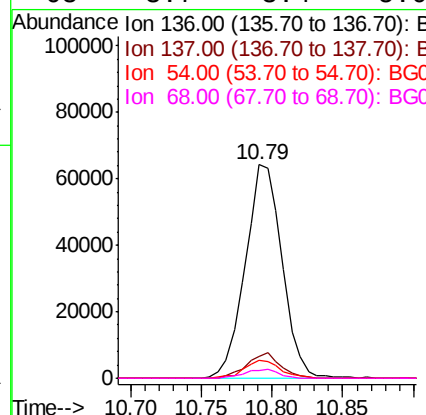
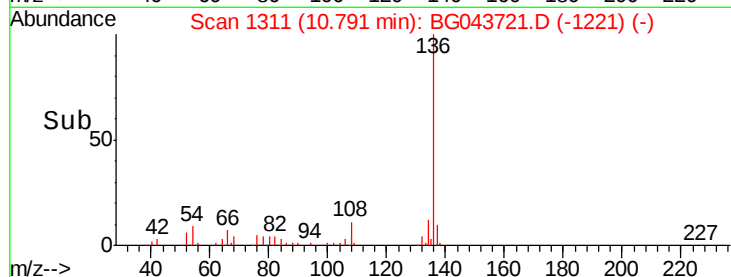
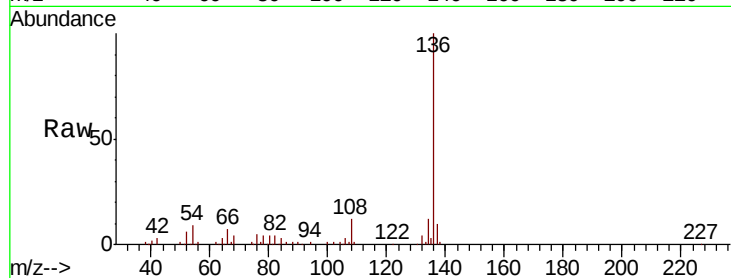
ClientSampleId :

HR-05-111419MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		117441		
137	10.3		8.8	13.2	
54	8.6		6.2	9.2	
68	3.7		3.4	5.0	

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:24 AM



#22

Acetophenone

Concen: 43.261 ng

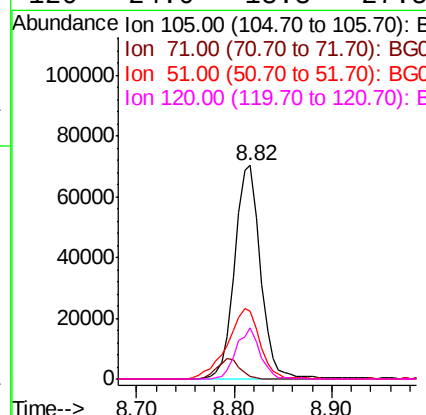
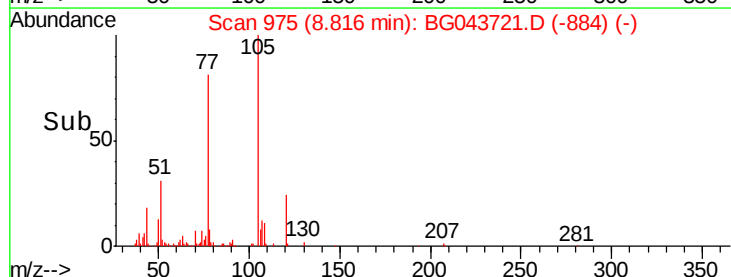
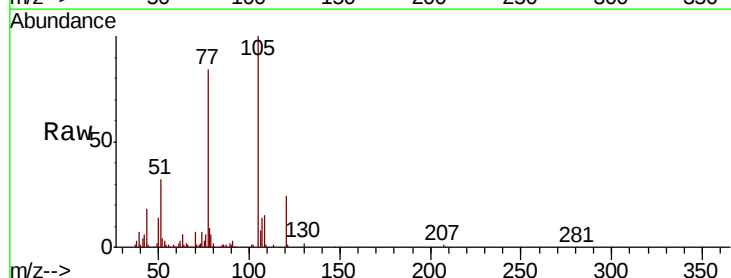
RT: 8.82 min Scan# 975

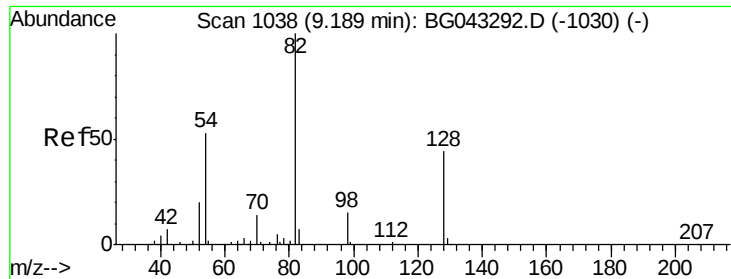
Delta R.T. 0.00 min

Lab File: BG043721.D

Acq: 20 Nov 2019 7:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		130109		
71	1.2		1.5	2.3#	
51	31.6		25.0	37.6	
120	24.0		18.3	27.5	





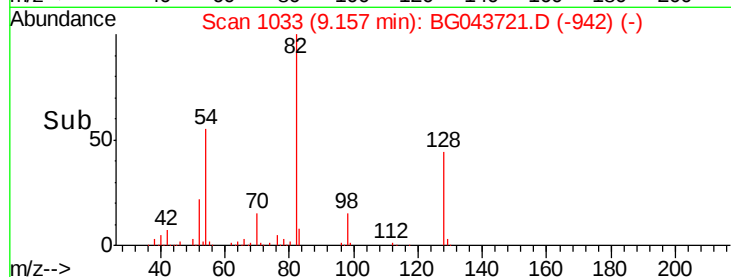
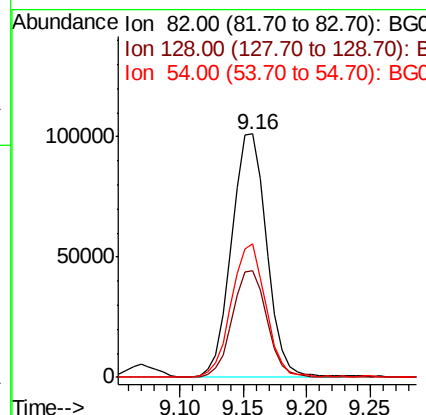
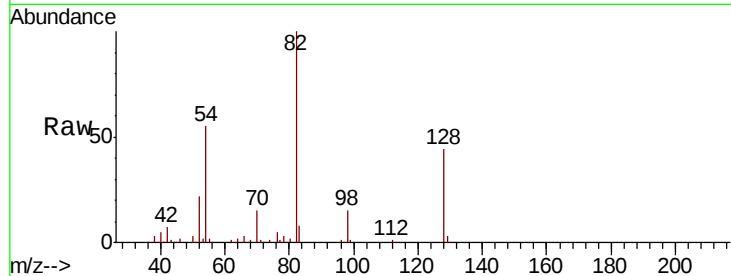
#23
 Nitrobenzene-d5
 Concen: 85.465 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BG043721.D
 Acq: 20 Nov 2019 7:17

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-111419MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	194689		
128	43.9	34.2	51.4	
54	54.8	44.7	67.1	

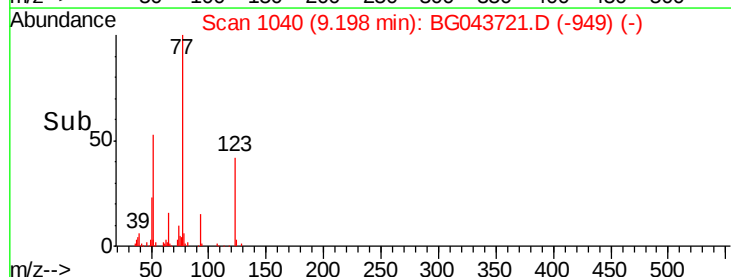
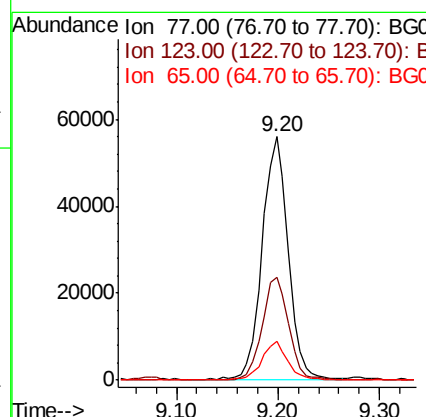
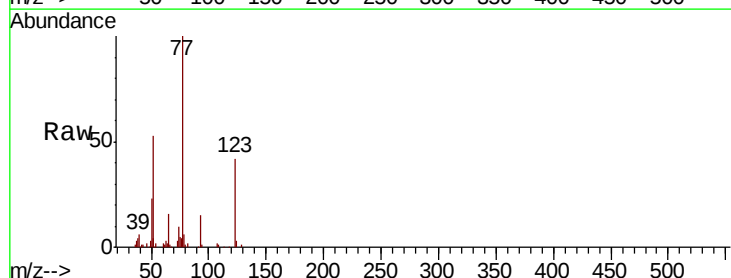
Manual Integrations
 APPROVED

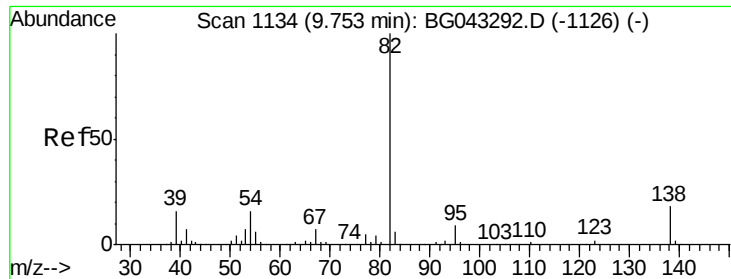
mohammad
 11/21/2019 9:04:24 AM



#24
 Nitrobenzene
 Concen: 46.208 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BG043721.D
 Acq: 20 Nov 2019 7:17

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	100273		
123	42.1	33.6	50.4	
65	15.8	12.9	19.3	





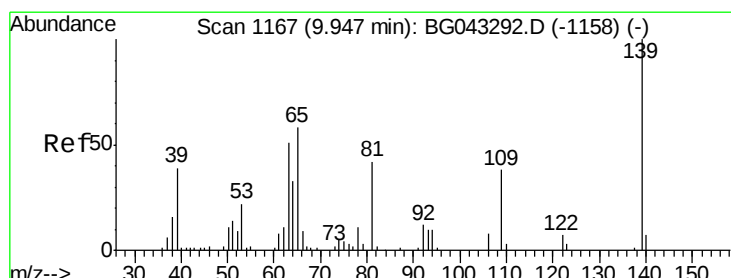
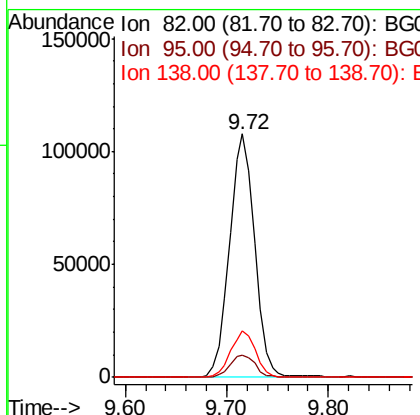
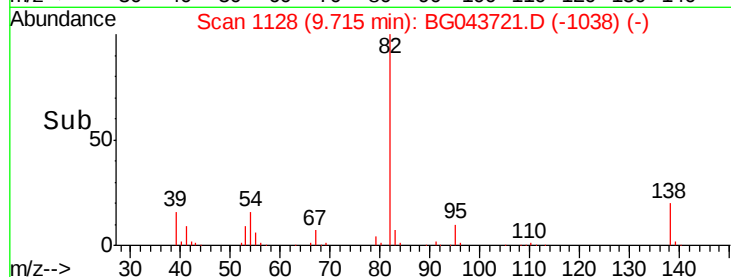
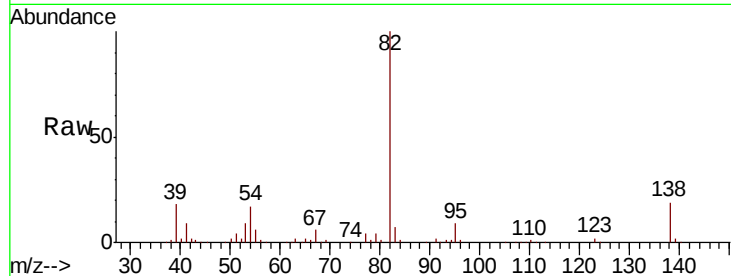
#25
Isophorone
Concen: 44.541 ng
RT: 9.72 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BG043721.D
Acq: 20 Nov 2019 7:17

Instrument :
BNA_G
ClientSampleId :
HR-05-111419MS

Tot Ion	Ratio	Resp Lower	Upper
82	100		
95	9.4	7.4	11.0
138	19.2	15.1	22.7

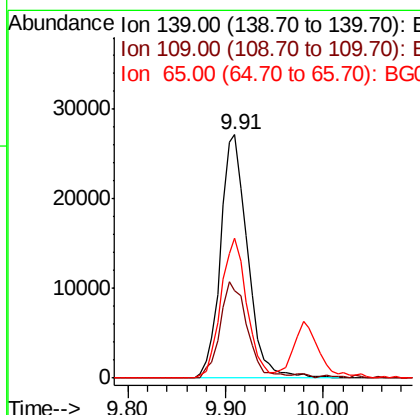
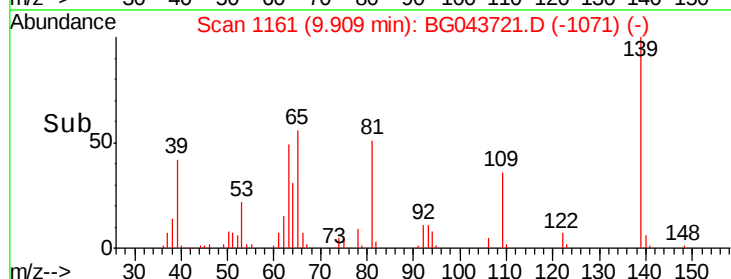
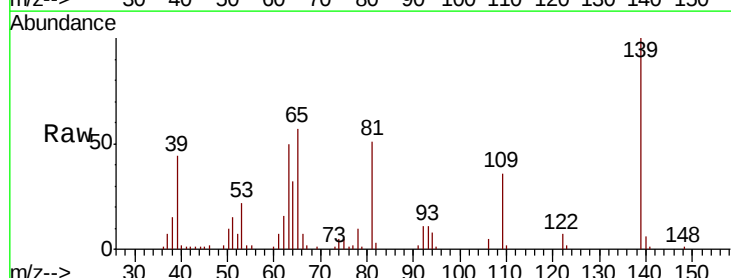
Manual Integrations
APPROVED

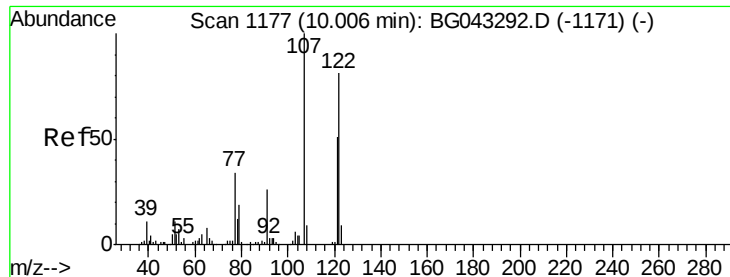
mohammad
11/21/2019 9:04:24 AM



#26
2-Nitrophenol
Concen: 49.613 ng
RT: 9.91 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BG043721.D
Acq: 20 Nov 2019 7:17

Tgt Ion	Ratio	Resp Lower	Upper
139	100		
109	35.7	32.6	48.8
65	57.3	47.6	71.4





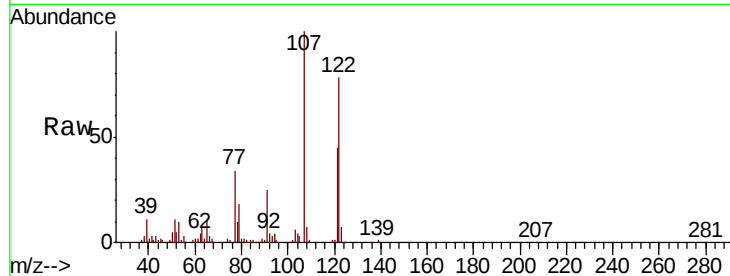
#27
 2,4-Dimethylphenol
 Concen: 55.204 ng
 RT: 9.98 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: BG043721.D
 Acq: 20 Nov 2019 7:17

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-111419MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	127.6	100.7	151.1		
121	57.9	47.0	70.4		

Manual Integrations
 APPROVED

mohammad
 11/21/2019 9:04:24 AM

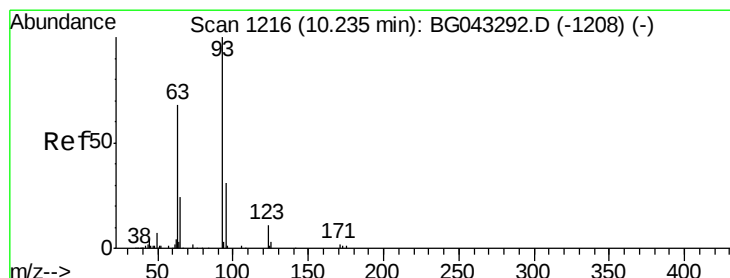
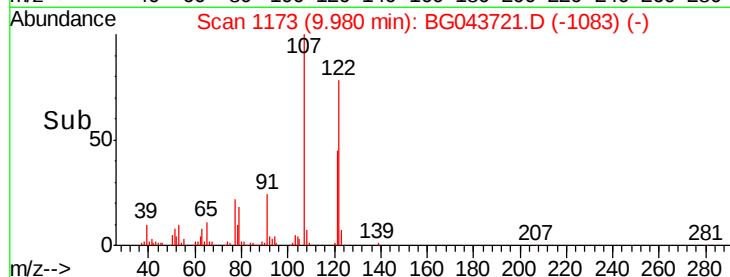
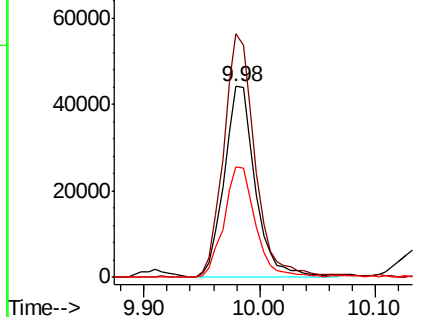


Abundance

Ion 122.00 (121.70 to 122.70): E

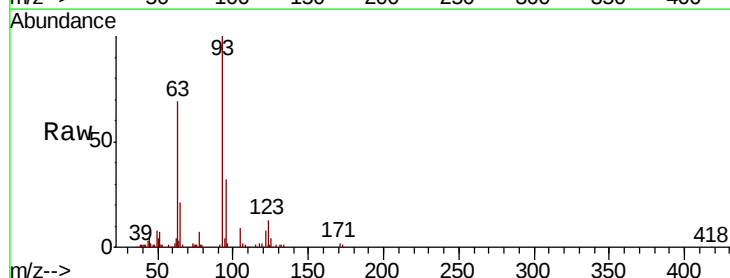
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.676 ng
 RT: 10.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BG043721.D
 Acq: 20 Nov 2019 7:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	32.4	27.5	41.3		
123	13.3	10.7	16.1		

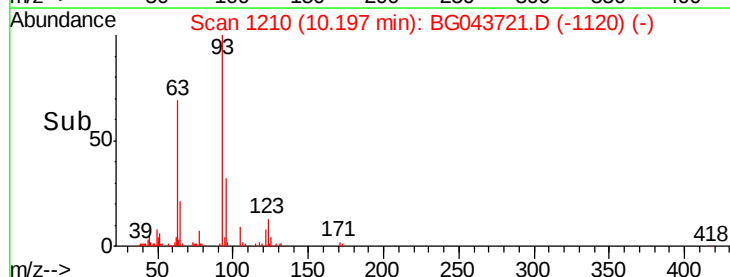
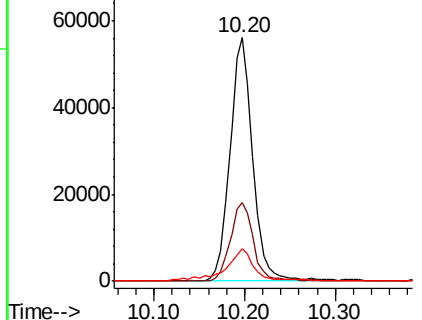


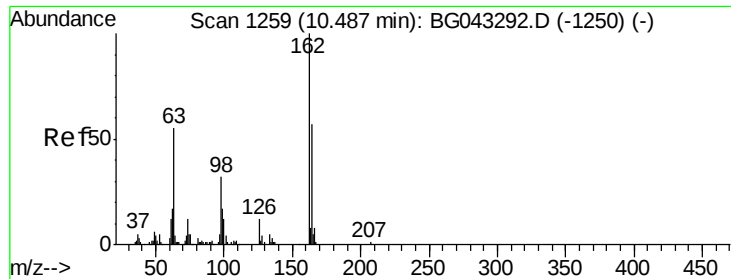
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





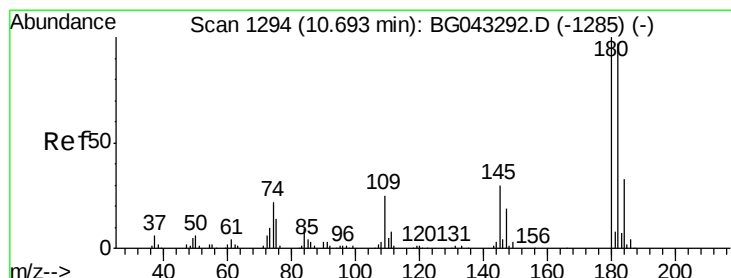
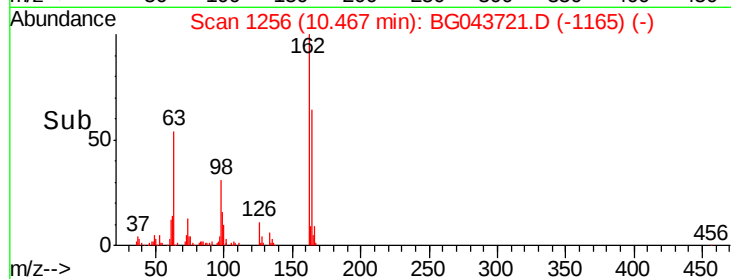
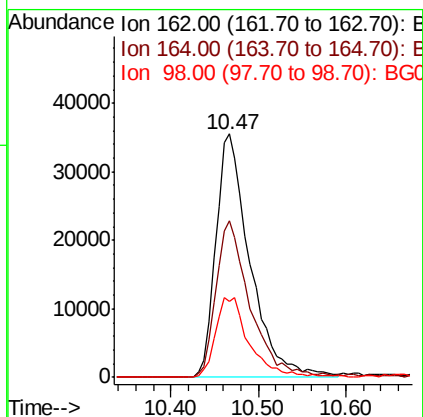
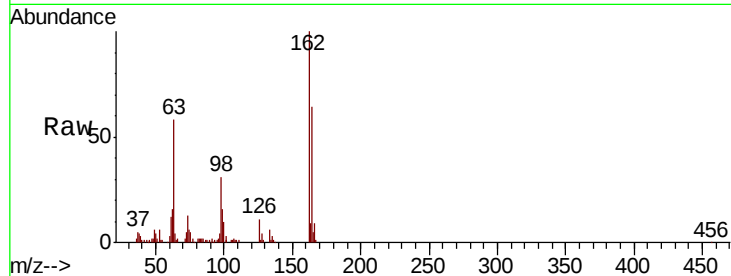
#29
 2,4-Dichlorophenol
 Concen: 49.485 ng
 RT: 10.47 min Scan# 1256
 Delta R.T. 0.00 min
 Lab File: BG043721.D
 Acq: 20 Nov 2019 7:17

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-111419MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	45.4	85.4
98	31.3	10.1	50.1

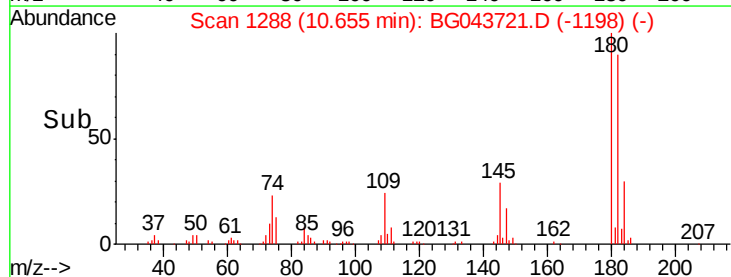
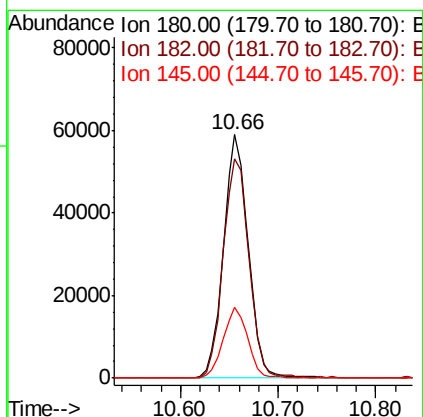
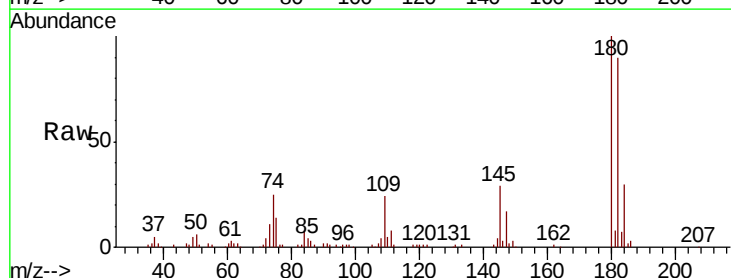
Manual Integrations
 APPROVED

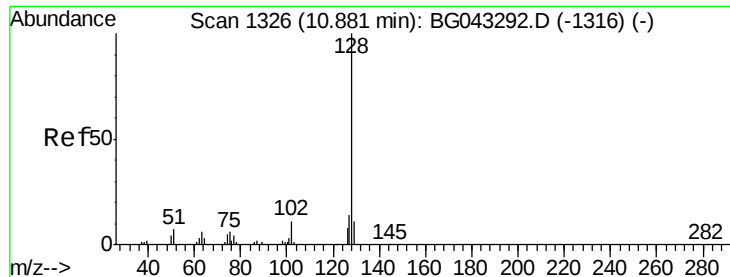
mohammad
 11/21/2019 9:04:24 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 42.570 ng
 RT: 10.66 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: BG043721.D
 Acq: 20 Nov 2019 7:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.2	74.5	111.7
145	29.1	21.4	32.0





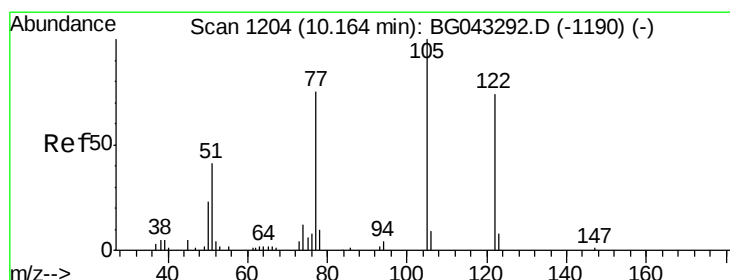
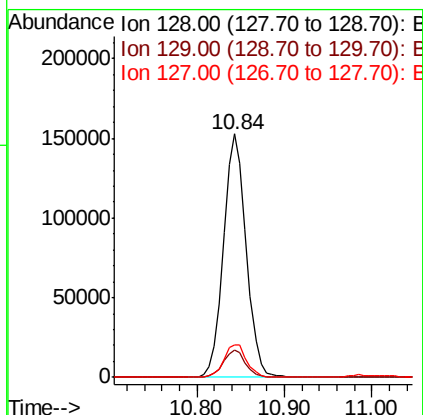
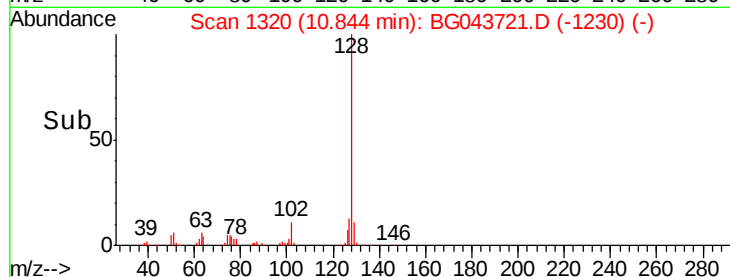
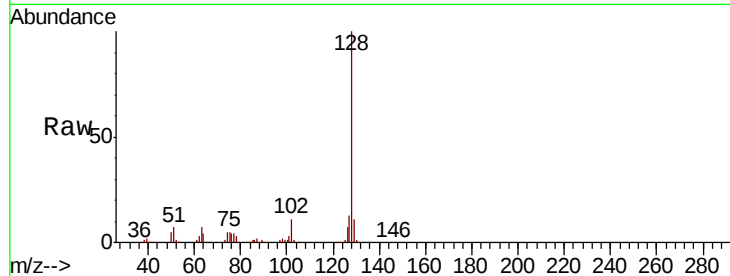
#31
Naphthalene
Concen: 45.742 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG043721.D
Acq: 20 Nov 2019 7:17

Instrument :
BNA_G
ClientSampleId :
HR-05-111419MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.5	14.3
127	13.1	11.0	16.4

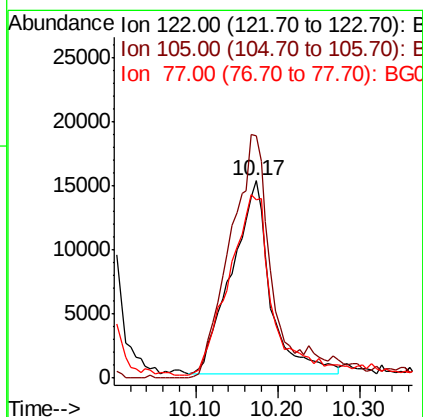
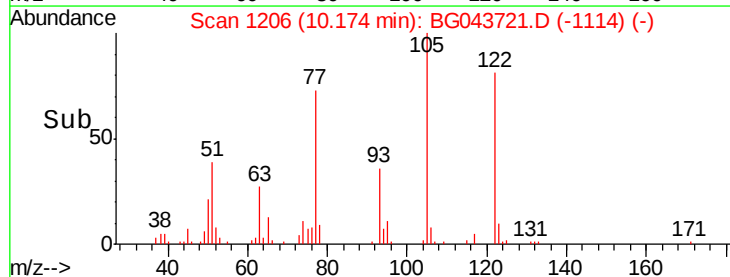
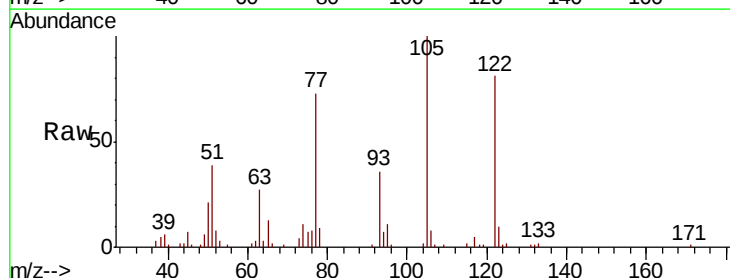
Manual Integrations
APPROVED

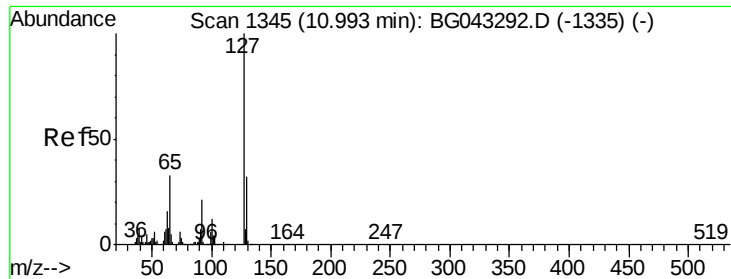
mohammad
11/21/2019 9:04:24 AM



#32
Benzoic acid
Concen: 44.266 ng
RT: 10.17 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BG043721.D
Acq: 20 Nov 2019 7:17

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.0	101.8	141.8
77	90.3	86.8	126.8





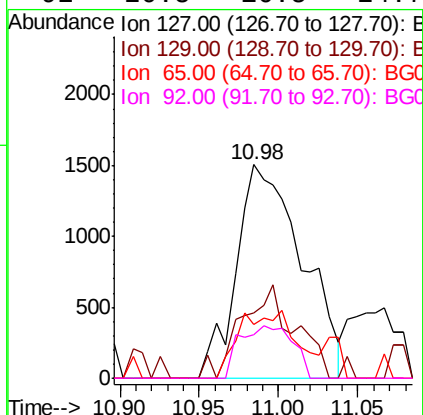
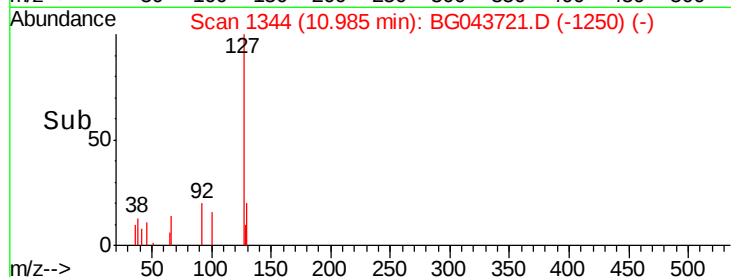
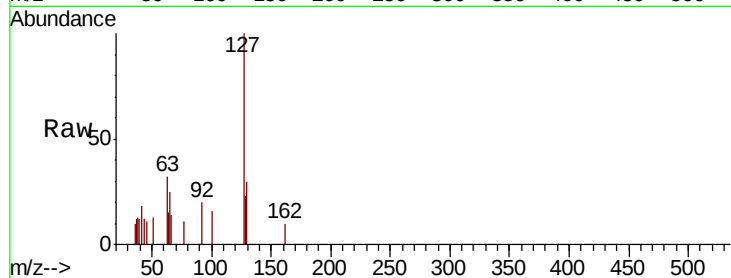
#33
4-Chloroaniline
Concen: 1.783 ng
RT: 10.98 min Scan# 1344
Delta R.T. 0.02 min
Lab File: BG043721.D
Acq: 20 Nov 2019 7:17

Instrument :
BNA_G
ClientSampleId :
HR-05-111419MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.3	28.0	42.0
65	25.5	28.3	42.5
92	20.5	16.5	24.7

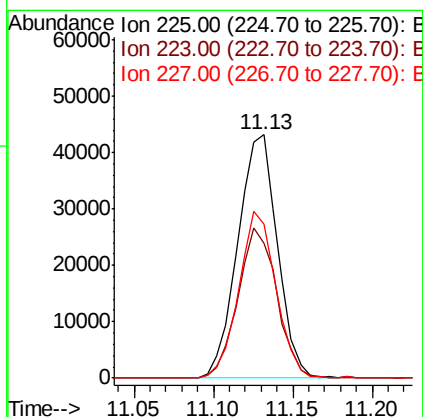
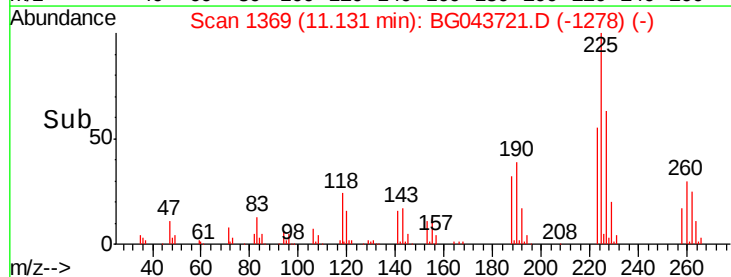
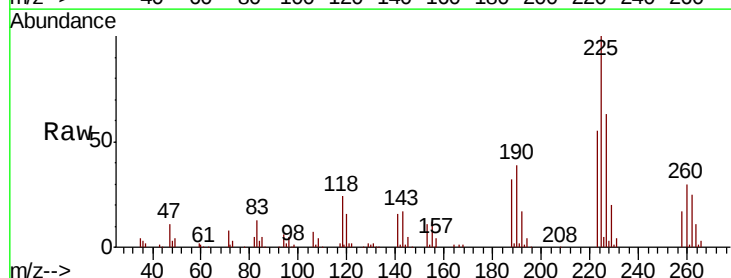
Manual Integrations
APPROVED

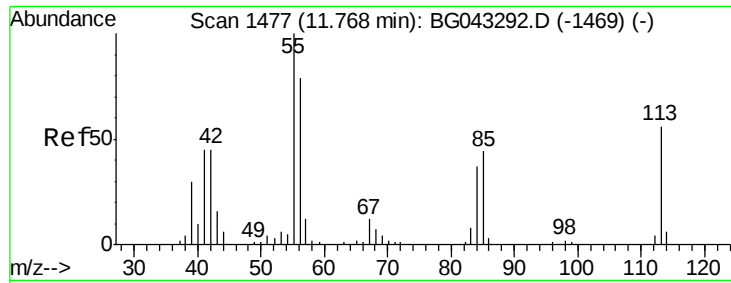
mohammad
11/21/2019 9:04:24 AM



#34
Hexachlorobutadiene
Concen: 41.573 ng
RT: 11.13 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BG043721.D
Acq: 20 Nov 2019 7:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	55.4	48.6	73.0
227	63.3	49.1	73.7





#35

Caprolactam

Concen: 45.419 ng/mL

RT: 11.75 min Scan# 1474

Delta R.T. 0.01 min

Lab File: BG043721.D

Acq: 20 Nov 2019 7:17

Instrument :

BNA_G

ClientSampleId :

HR-05-111419MS

Tot Ion:113 Resp: 30095

Ion Ratio Lower Upper

113 100

55 145.2 154.4 194.4#

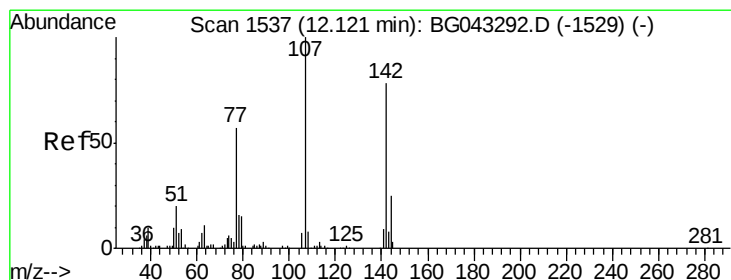
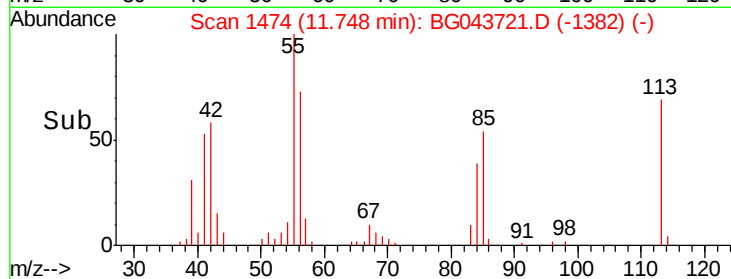
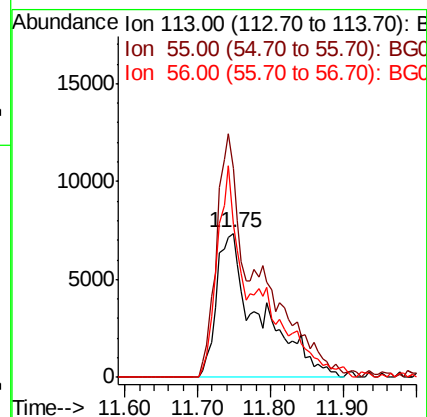
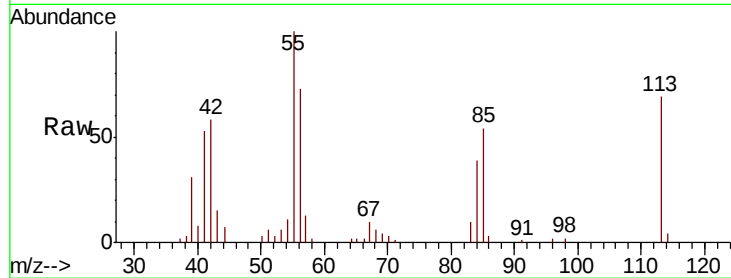
56 106.3 112.9 152.9#

Manual Integrations

APPROVED

mohammad

11/21/2019 9:04:24 AM



#36

4-Chloro-3-methylphenol

Concen: 51.007 ng/mL

RT: 12.11 min Scan# 1535

Delta R.T. 0.00 min

Lab File: BG043721.D

Acq: 20 Nov 2019 7:17

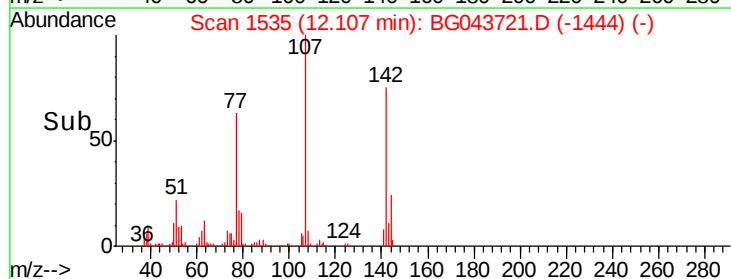
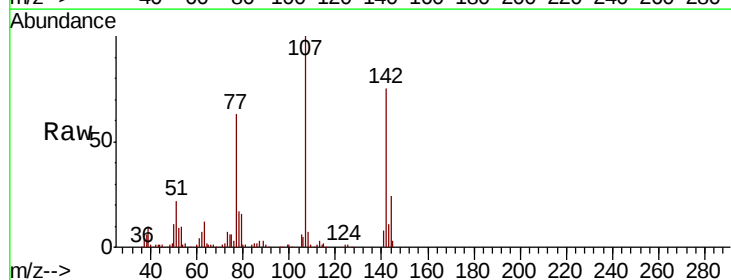
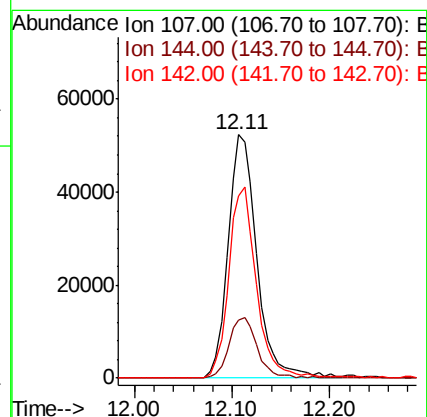
Tgt Ion:107 Resp: 107043

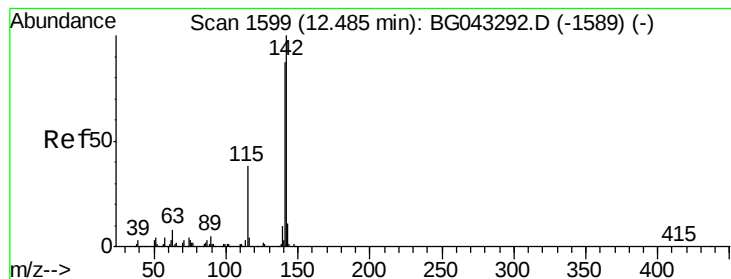
Ion Ratio Lower Upper

107 100

144 23.8 21.7 32.5

142 74.9 67.2 100.8





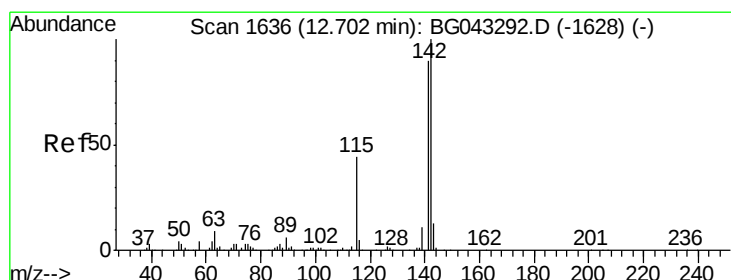
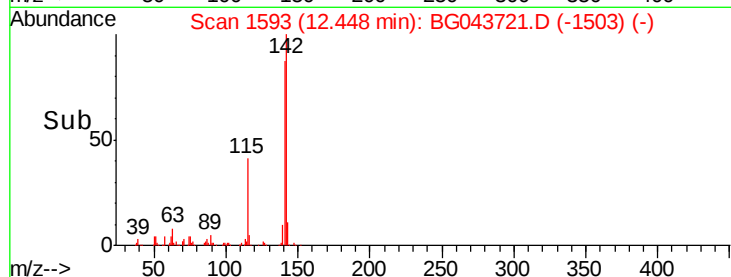
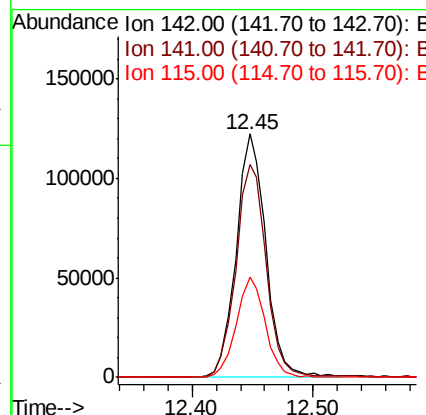
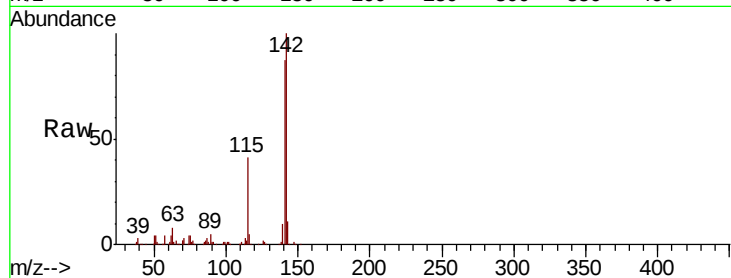
#37
2-Methylnaphthalene
Concen: 45.758 ng
RT: 12.45 min Scan# 1593
Delta R.T. -0.00 min
Lab File: BG043721.D
Acq: 20 Nov 2019 7:17

Instrument :
BNA_G
ClientSampleId :
HR-05-111419MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.2	71.2	106.8
115	41.0	31.9	47.9

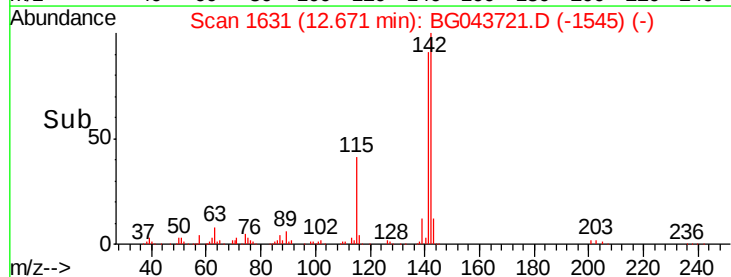
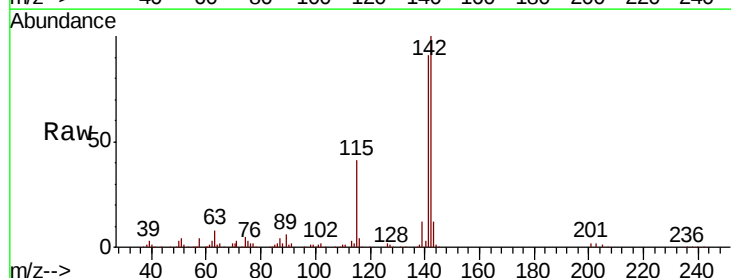
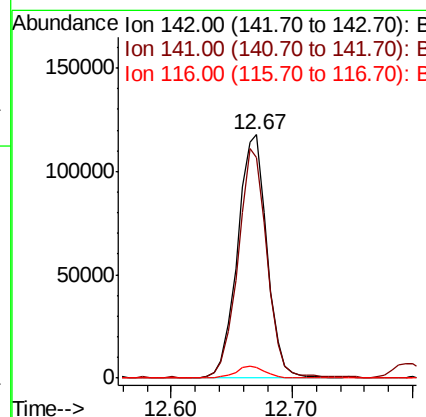
Manual Integrations
APPROVED

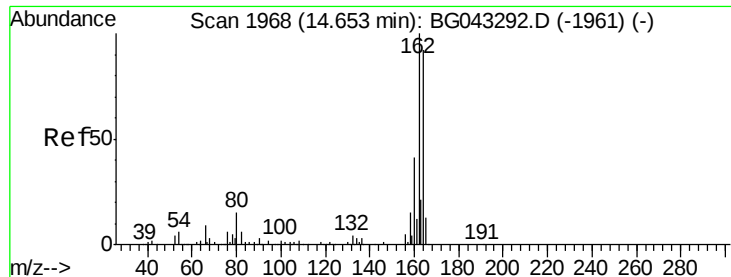
mohammad
11/21/2019 9:04:24 AM



#38
1-Methylnaphthalene
Concen: 45.526 ng
RT: 12.67 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BG043721.D
Acq: 20 Nov 2019 7:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	74.5	111.7
116	4.4	3.8	5.6





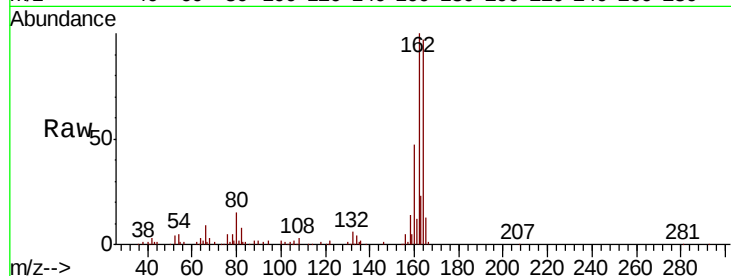
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BG043721.D
Acq: 20 Nov 2019 7:17

Instrument :
BNA_G
ClientSampleId :
HR-05-111419MS

Tot Ion:	164	Resp:	85656
Ion Ratio	Lower	Upper	
164	100		
162	103.5	79.4	119.2
160	48.9	36.3	54.5

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:24 AM

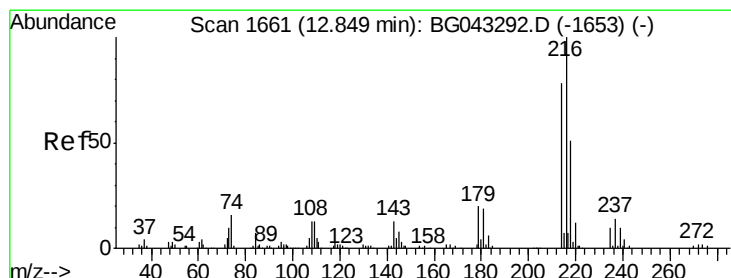
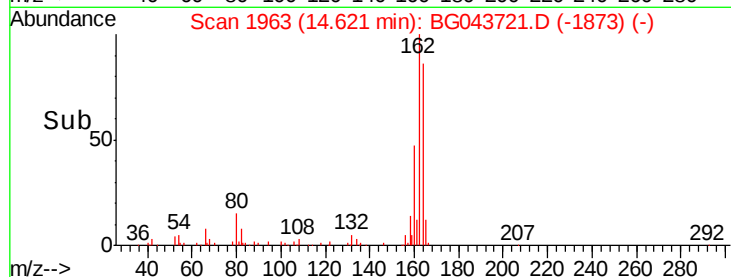
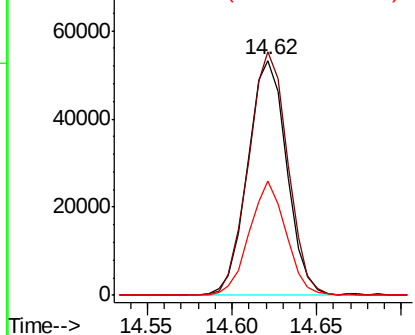


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.008 ng
RT: 12.82 min Scan# 1656
Delta R.T. -0.00 min
Lab File: BG043721.D
Acq: 20 Nov 2019 7:17

Tgt Ion:	216	Resp:	133167
Ion Ratio	Lower	Upper	
216	100		
214	79.0	62.8	94.2
179	20.0	16.5	24.7
108	16.2	12.7	19.1

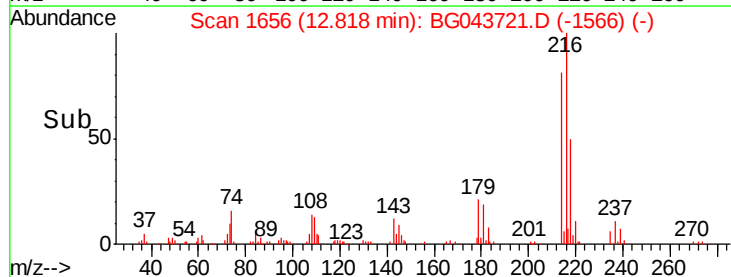
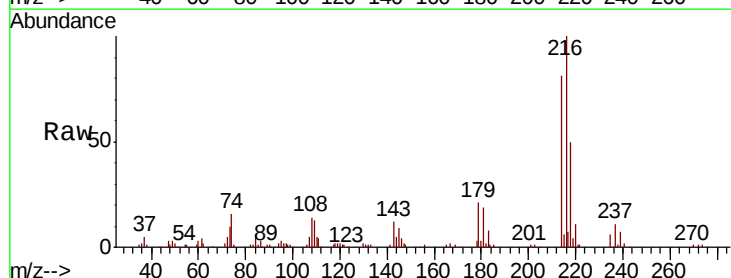
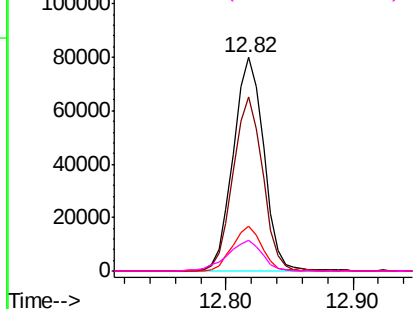
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 75.236 ng

RT: 12.80 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BG043721.D

Acq: 20 Nov 2019 7:17

Instrument :

BNA_G

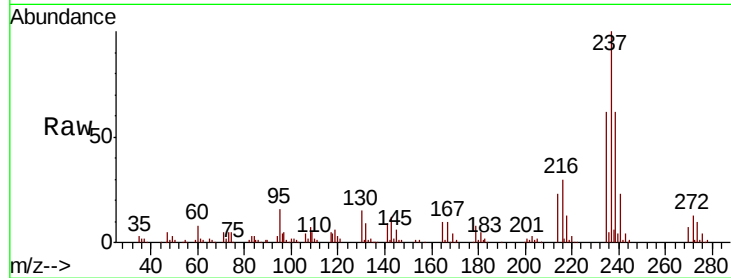
ClientSampleId :

HR-05-111419MS

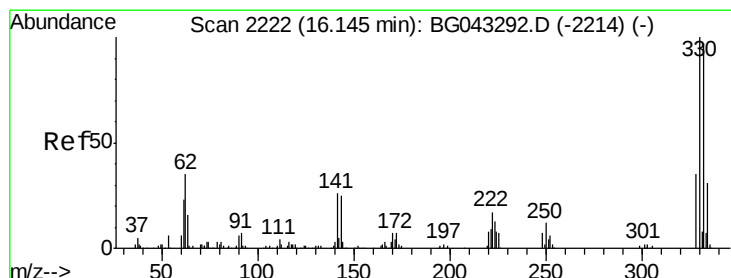
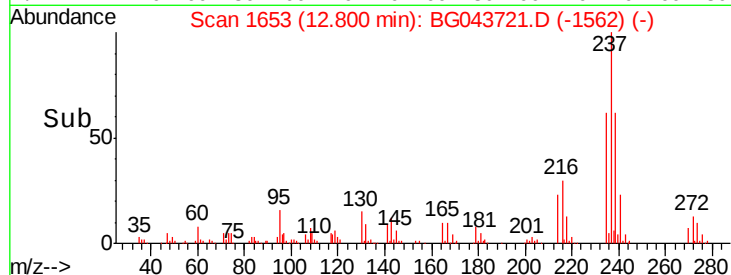
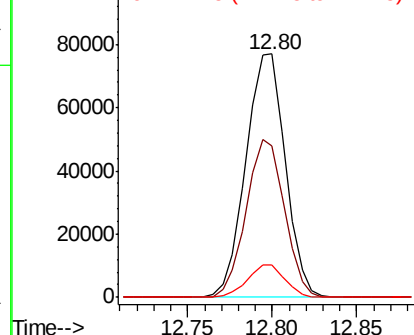
Tot Ion:	237	Resp:	125285
Ion Ratio	Lower	Upper	
237	100		
235	62.3	42.2	82.2
272	13.2	0.0	32.6

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:24 AM



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



#42

2,4,6-Tribromophenol

Concen: 122.518 ng

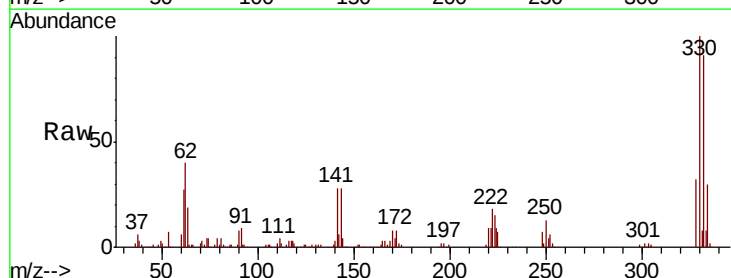
RT: 16.11 min Scan# 2217

Delta R.T. -0.00 min

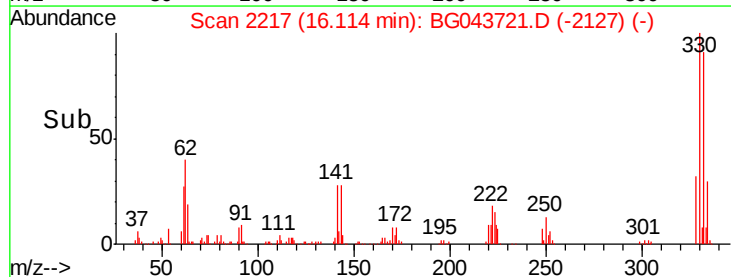
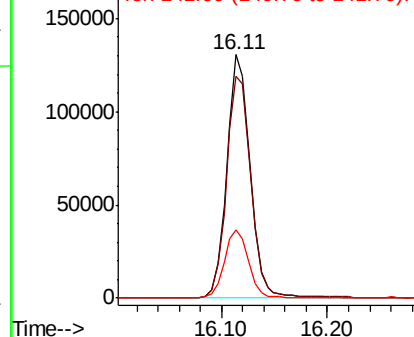
Lab File: BG043721.D

Acq: 20 Nov 2019 7:17

Tgt Ion:	330	Resp:	199709
Ion Ratio	Lower	Upper	
330	100		
332	95.9	76.6	115.0
141	29.3	23.4	35.2



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





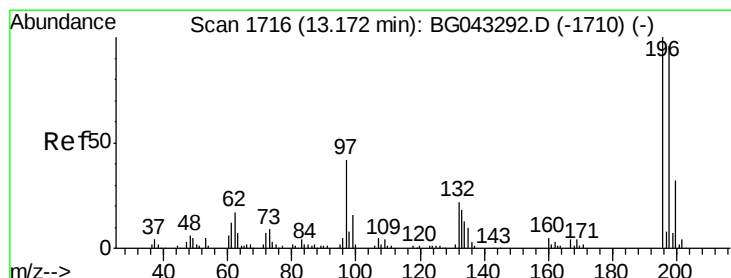
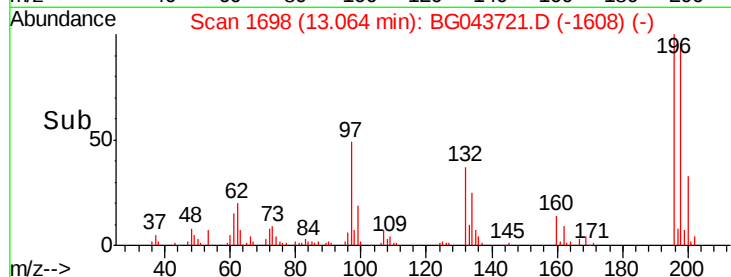
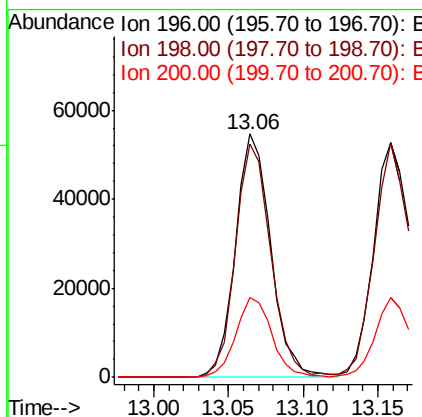
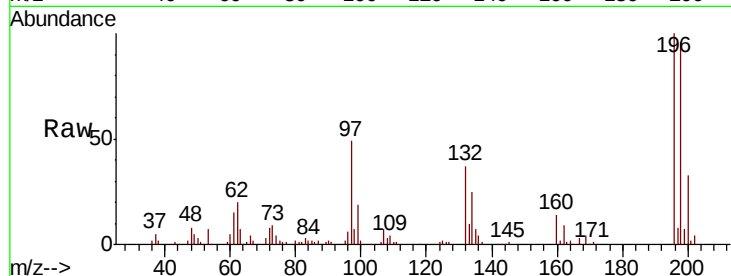
#43
2,4,6-Trichlorophenol
Concen: 48.347 ng
RT: 13.06 min Scan# 1698
Delta R.T. -0.00 min
Lab File: BG043721.D
Acq: 20 Nov 2019 7:17

Instrument :
BNA_G
ClientSampleId :
HR-05-111419MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	90256		
198	95.9	81.3	121.9	
200	32.9	28.2	42.2	

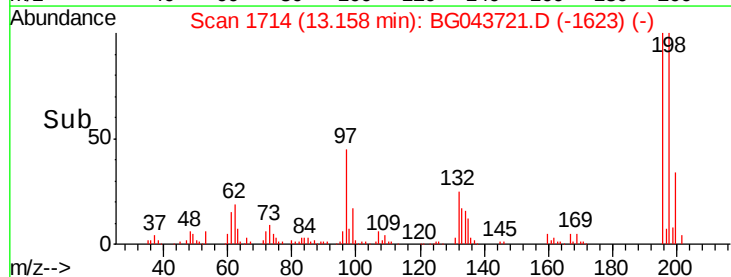
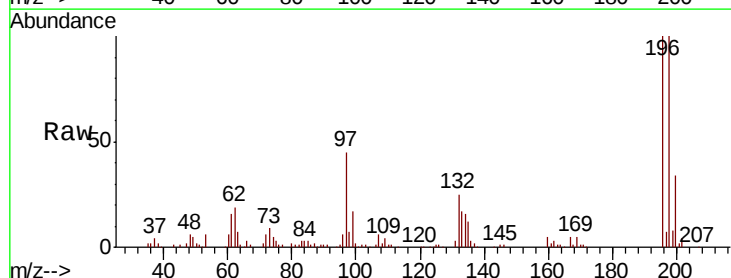
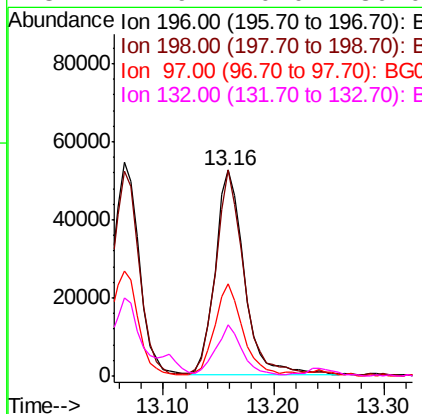
Manual Integrations
APPROVED

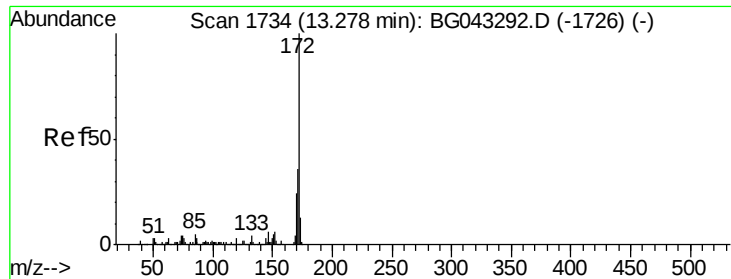
mohammad
11/21/2019 9:04:24 AM



#44
2,4,5-Trichlorophenol
Concen: 50.813 ng
RT: 13.16 min Scan# 1714
Delta R.T. 0.00 min
Lab File: BG043721.D
Acq: 20 Nov 2019 7:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	95902		
198	100.2	77.4	116.2	
97	45.0	35.9	53.9	
132	24.9	20.0	30.0	





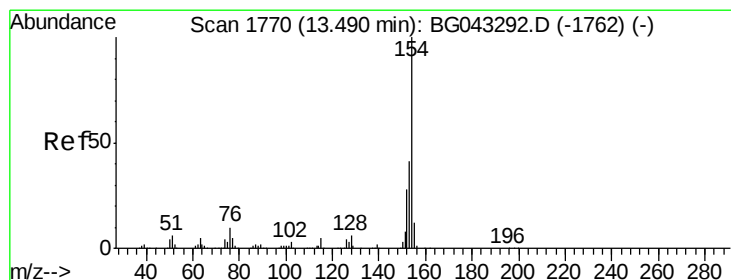
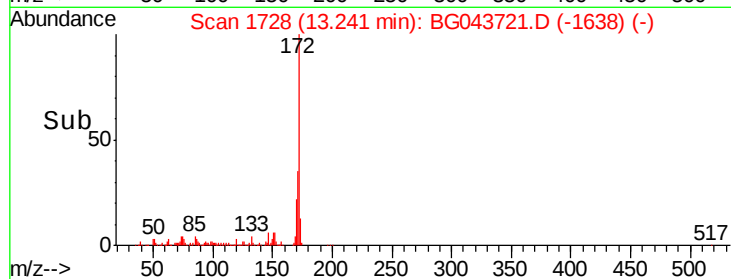
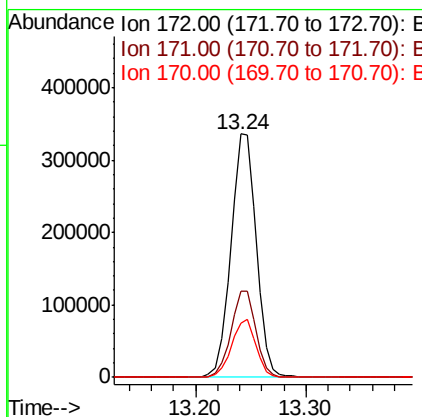
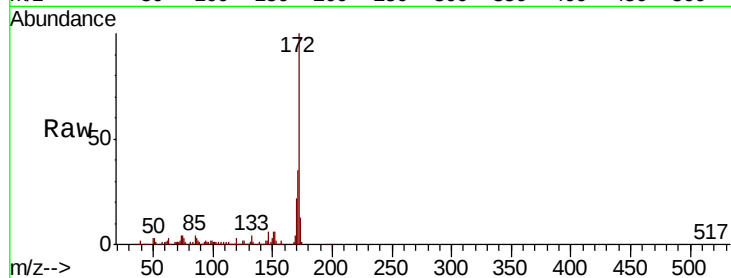
#45
2-Fluorobiphenyl
Concen: 87.311 ng
RT: 13.24 min Scan# 1728
Delta R.T. -0.00 min
Lab File: BG043721.D
Acq: 20 Nov 2019 7:17

Instrument :
BNA_G
ClientSampleId :
HR-05-111419MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.1	42.1
170	22.5	18.8	28.2

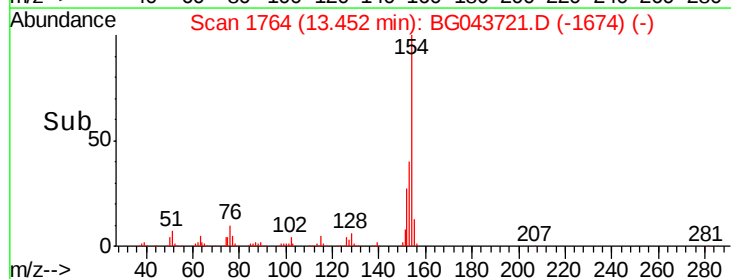
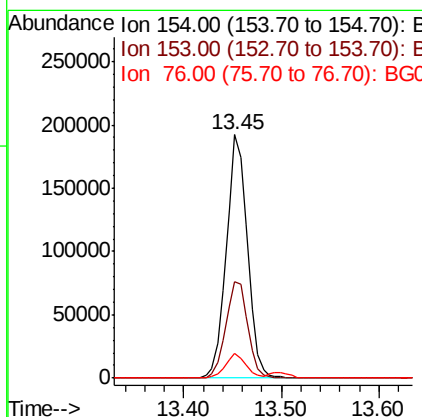
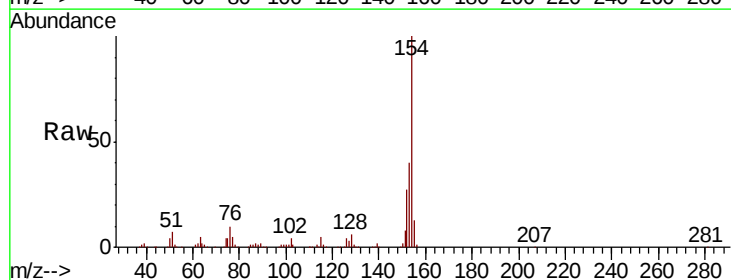
Manual Integrations
APPROVED

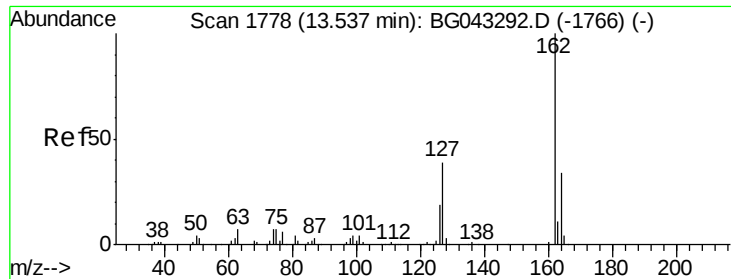
mohammad
11/21/2019 9:04:24 AM



#46
1,1'-Biphenyl
Concen: 44.220 ng
RT: 13.45 min Scan# 1764
Delta R.T. -0.00 min
Lab File: BG043721.D
Acq: 20 Nov 2019 7:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.7	22.6	62.6
76	10.0	0.0	29.1





#47

2-Chloronaphthalene

Concen: 44.154 ng

RT: 13.50 min Scan# 1772

Delta R.T. -0.00 min

Lab File: BG043721.D

Acq: 20 Nov 2019 7:17

Instrument :

BNA_G

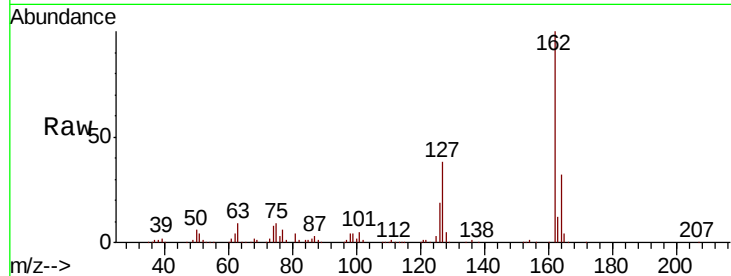
ClientSampleId :

HR-05-111419MS

Tot Ion:	162	Resp:	218918
Ion Ratio	Lower	Upper	
162	100		
127	37.5	32.8	49.2
164	32.0	27.8	41.8

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:24 AM

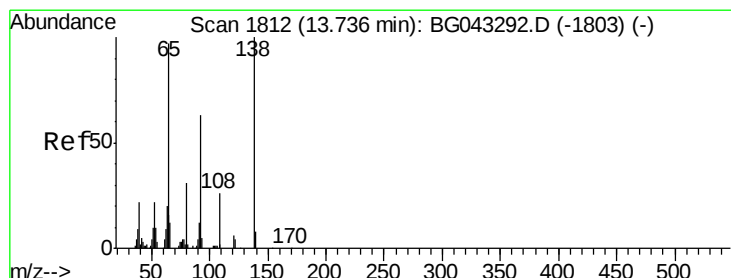
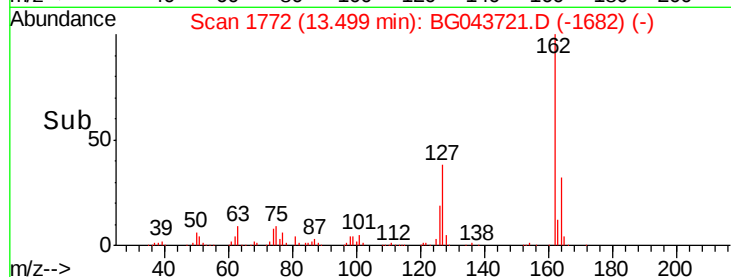
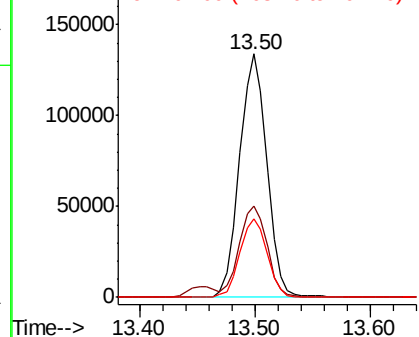


Abundance

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: 42.347 ng

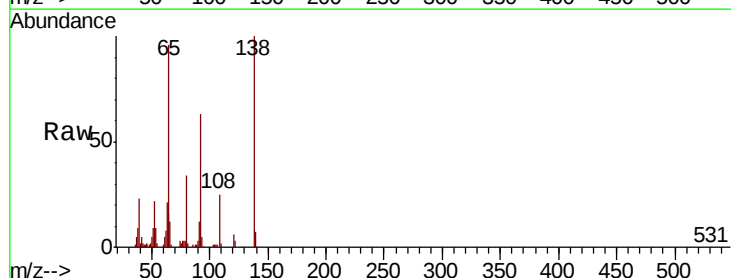
RT: 13.71 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BG043721.D

Acq: 20 Nov 2019 7:17

Tgt Ion:	65	Resp:	62752
Ion Ratio	Lower	Upper	
65	100		
92	65.8	54.9	82.3
138	104.7	85.0	127.6

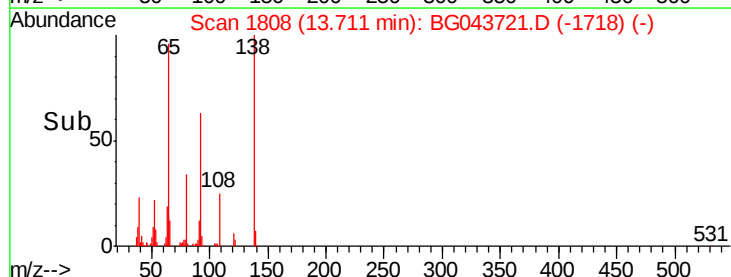
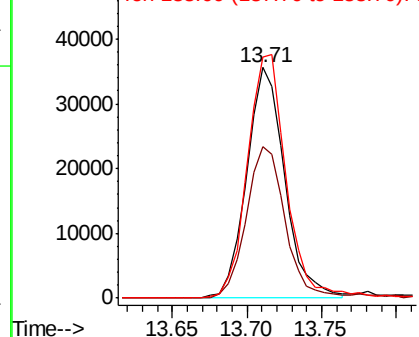


Abundance

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: 45.869 ng

RT: 14.35 min Scan# 1916

Delta R.T. -0.00 min

Lab File: BG043721.D

Acq: 20 Nov 2019 7:17

Instrument :

BNA_G

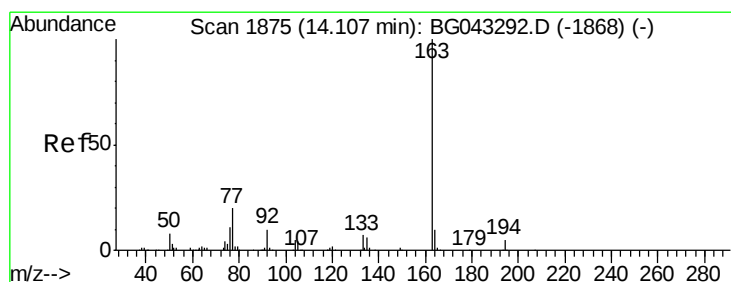
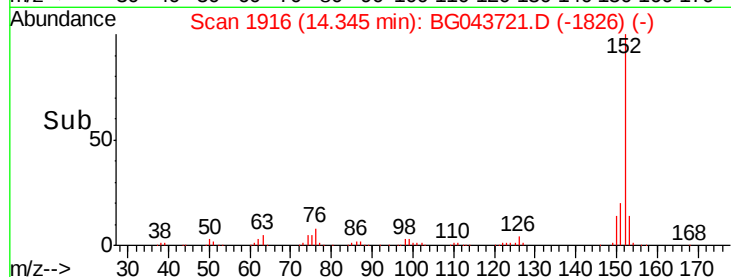
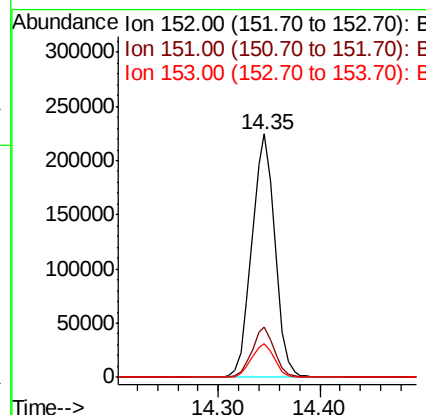
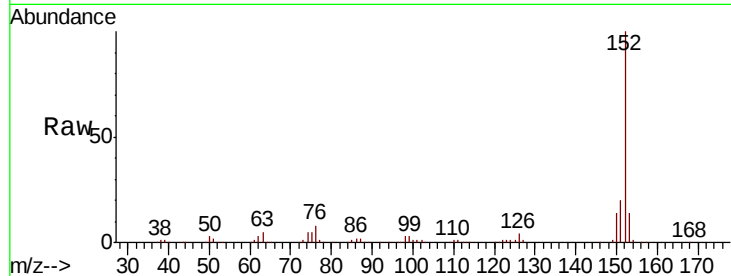
ClientSampleId :

HR-05-111419MS

Tot Ion:	152	Resp:	353948
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.1	24.1
153	13.9	11.0	16.4

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:24 AM



#50

Dimethylphthalate

Concen: 45.762 ng

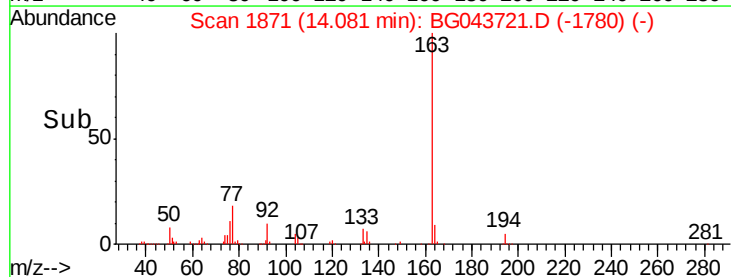
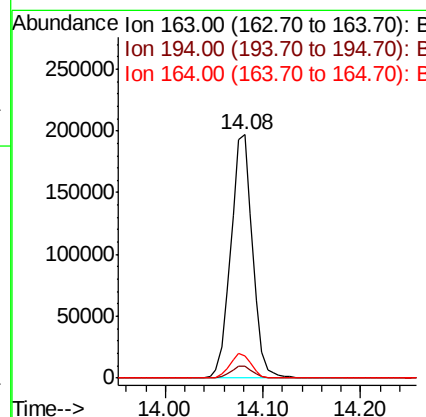
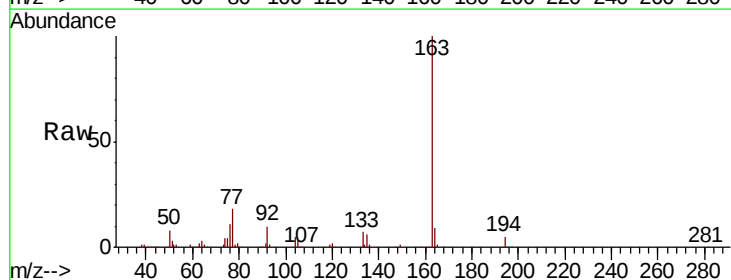
RT: 14.08 min Scan# 1871

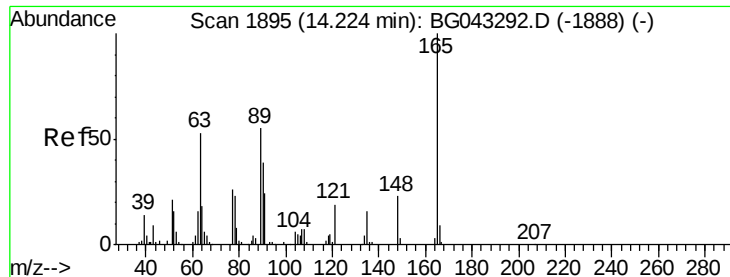
Delta R.T. 0.00 min

Lab File: BG043721.D

Acq: 20 Nov 2019 7:17

Tgt Ion:	163	Resp:	303617
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.8	5.8
164	9.4	8.5	12.7





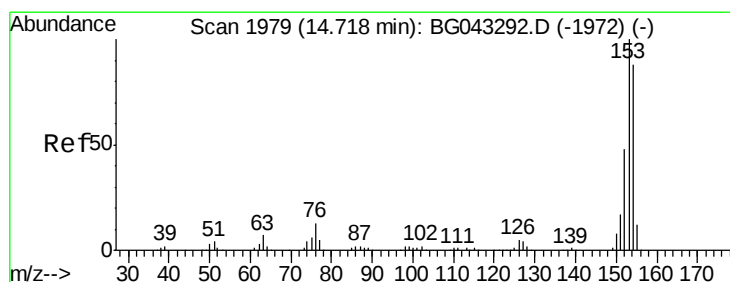
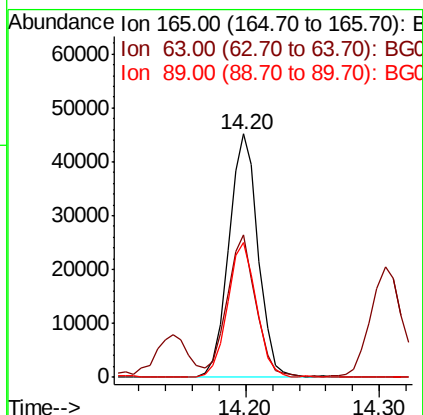
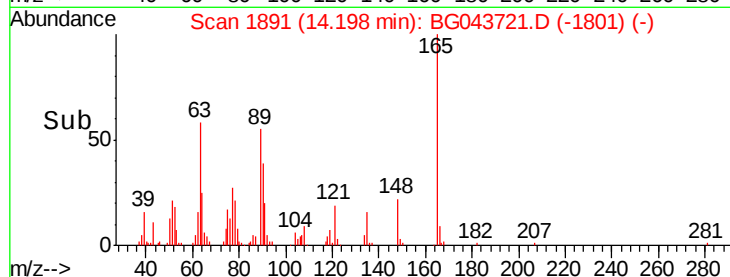
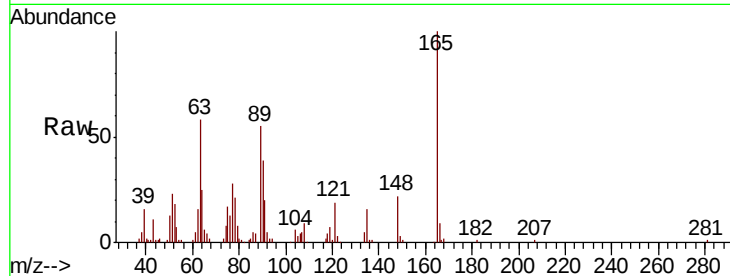
#51
 2,6-Dinitrotoluene
 Concen: 47.916 ng
 RT: 14.20 min Scan# 1891
 Delta R.T. -0.00 min
 Lab File: BG043721.D
 Acq: 20 Nov 2019 7:17

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-111419MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.5	45.0	67.6
89	55.3	39.8	59.8

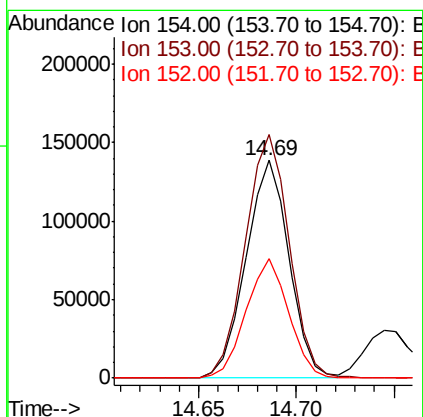
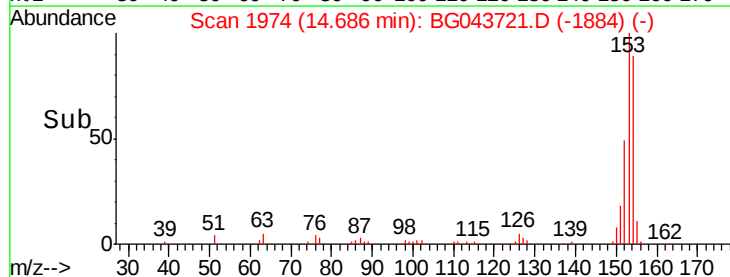
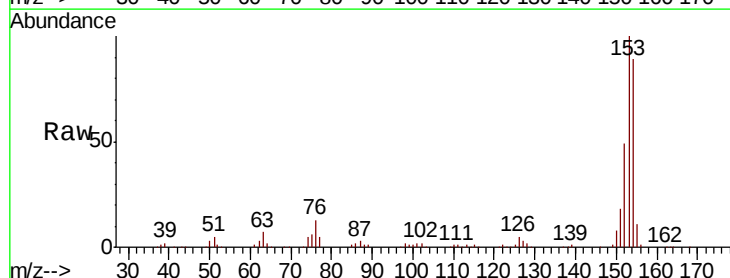
Manual Integrations
 APPROVED

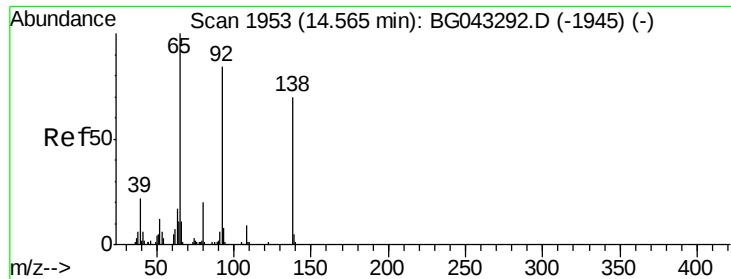
mohammad
 11/21/2019 9:04:24 AM



#52
 Acenaphthene
 Concen: 45.009 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.00 min
 Lab File: BG043721.D
 Acq: 20 Nov 2019 7:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.8	89.2	133.8
152	54.9	41.4	62.0





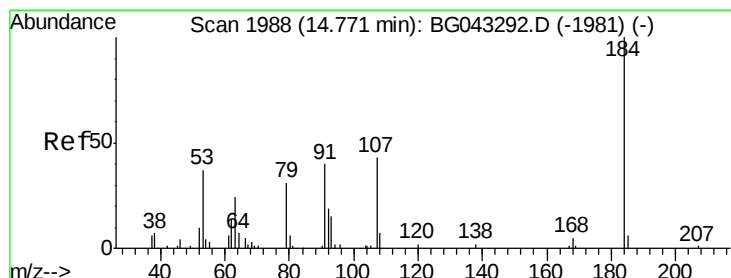
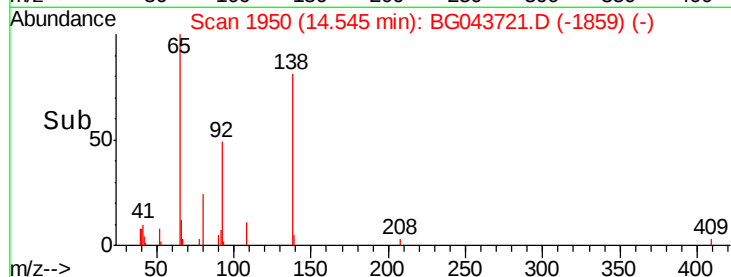
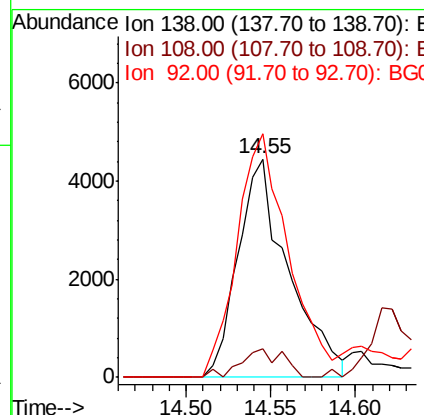
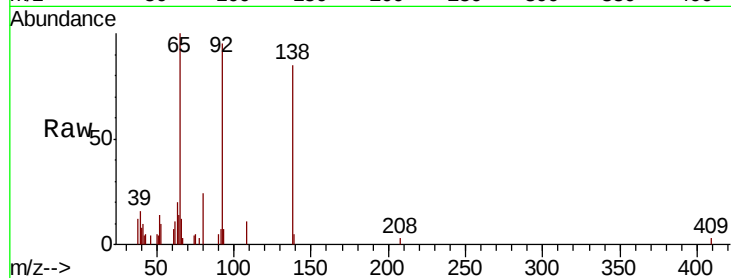
#53
3-Nitroaniline
Concen: 6.654 ng
RT: 14.55 min Scan# 1950
Delta R.T. 0.00 min
Lab File: BG043721.D
Acq: 20 Nov 2019 7:17

Instrument :
BNA_G
ClientSampleId :
HR-05-111419MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	13.0	9.8	14.8
92	111.4	88.1	132.1

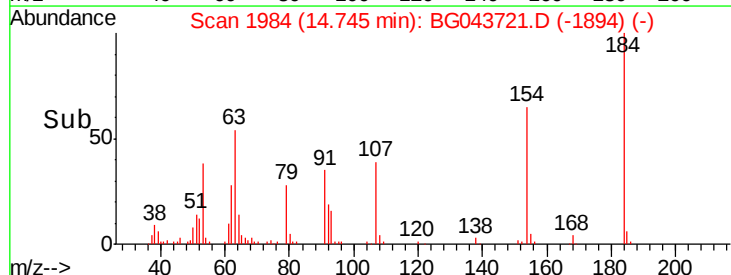
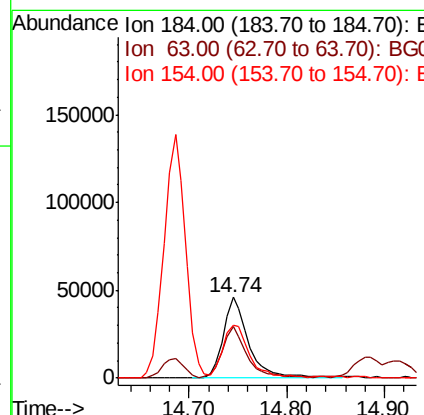
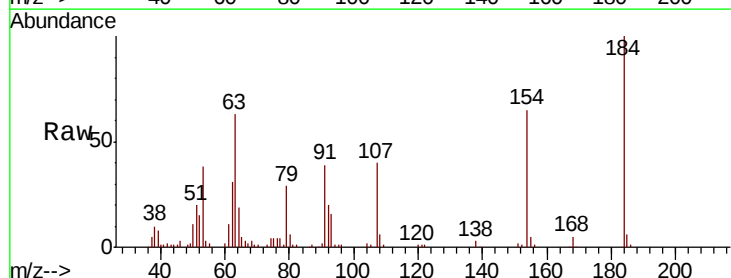
Manual Integrations
APPROVED

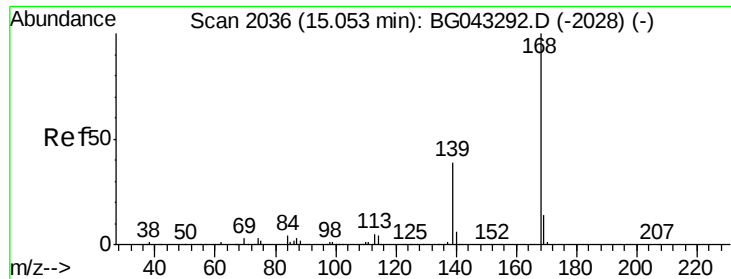
mohammad
11/21/2019 9:04:24 AM



#54
2,4-Dinitrophenol
Concen: 91.439 ng
RT: 14.74 min Scan# 1984
Delta R.T. -0.00 min
Lab File: BG043721.D
Acq: 20 Nov 2019 7:17

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.2	59.0	88.4
154	65.5	57.4	86.2





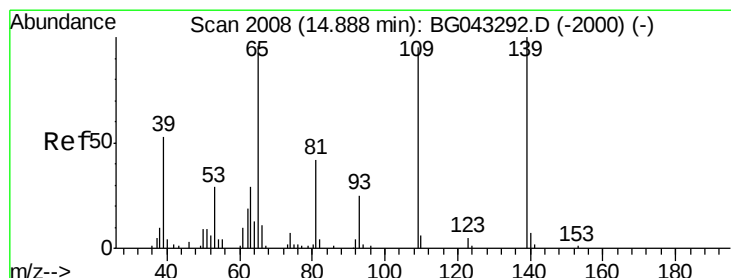
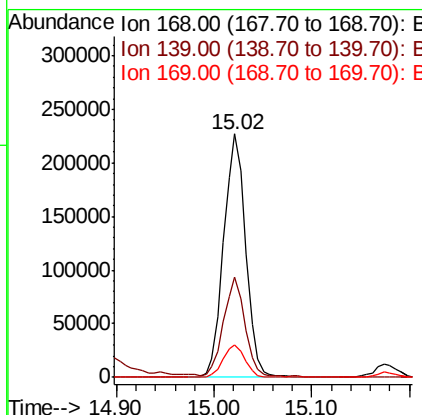
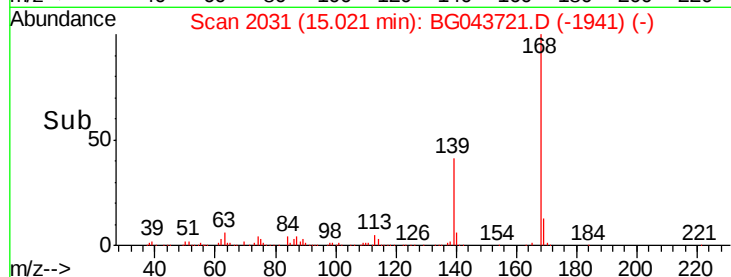
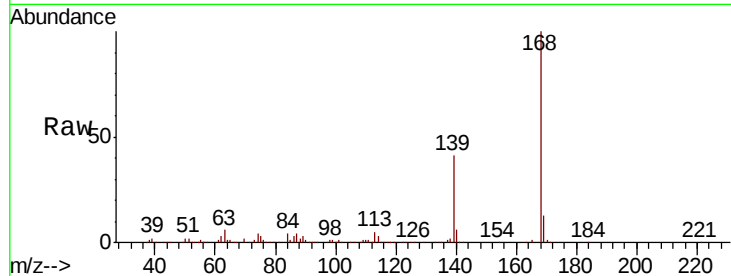
#55
Dibenzenofuran
Concen: 46.630 ng
RT: 15.02 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BG043721.D
Acq: 20 Nov 2019 7:17

Instrument :
BNA_G
ClientSampleId :
HR-05-111419MS

Tot Ion:	168	Resp:	355836
Ion Ratio	Lower	Upper	
168	100		
139	41.1	32.7	49.1
169	13.4	10.6	15.8

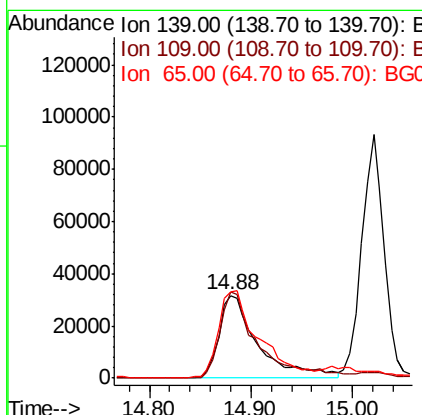
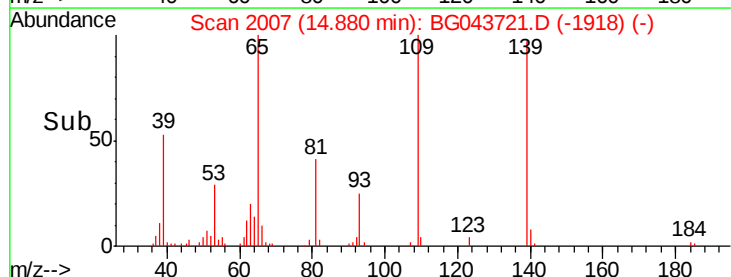
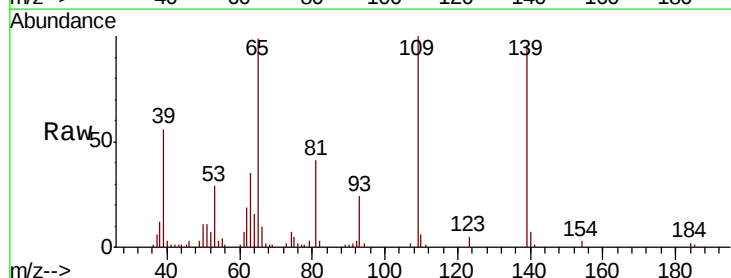
Manual Integrations
APPROVED

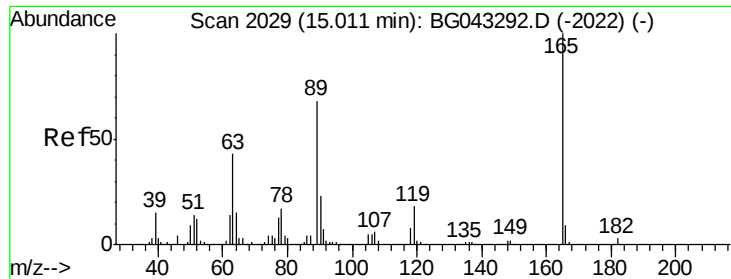
mohammad
11/21/2019 9:04:24 AM



#56
4-Nitrophenol
Concen: 90.779 ng
RT: 14.88 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG043721.D
Acq: 20 Nov 2019 7:17

Tgt Ion:	139	Resp:	84657
Ion Ratio	Lower	Upper	
139	100		
109	104.1	64.0	104.0#
65	103.4	75.6	115.6





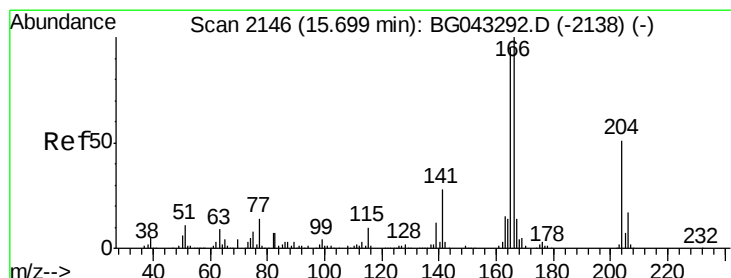
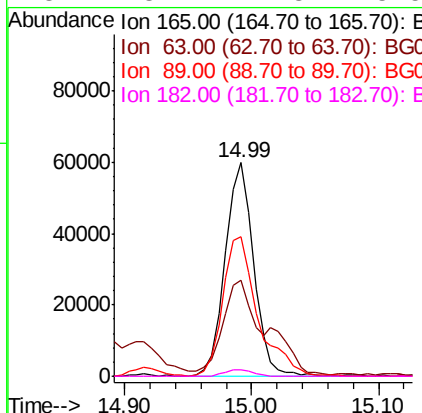
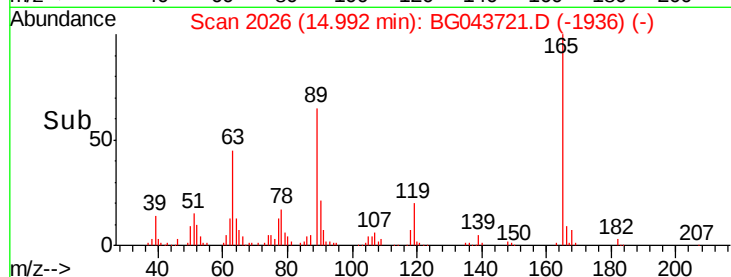
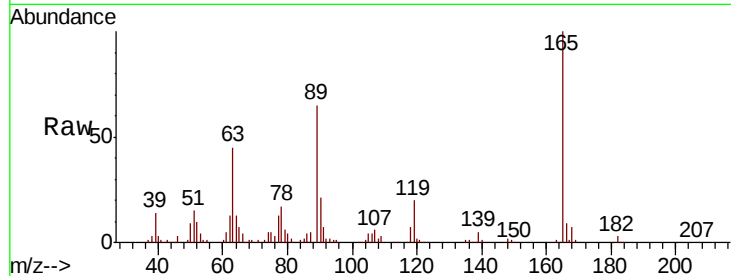
#57
2,4-Dinitrotoluene
Concen: 45.368 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG043721.D
Acq: 20 Nov 2019 7:17

Instrument :
BNA_G
ClientSampleId :
HR-05-111419MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.1	37.4	56.0
89	65.3	50.9	76.3
182	3.1	2.3	3.5

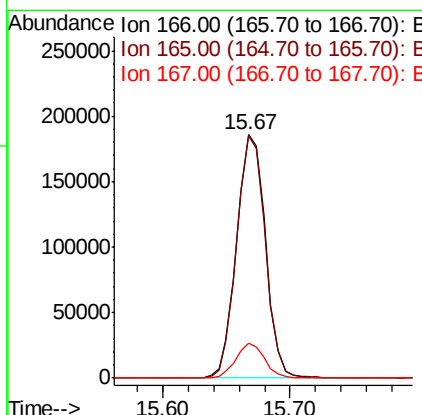
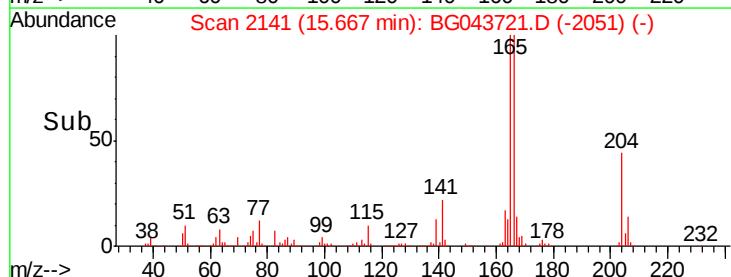
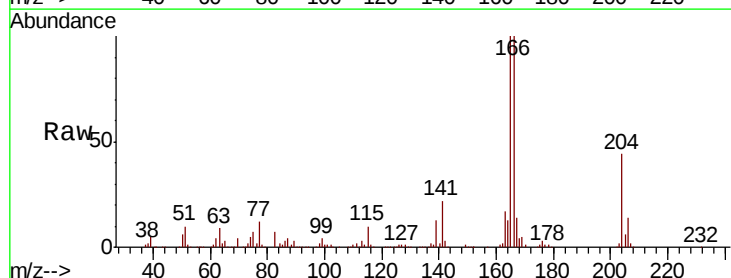
Manual Integrations
APPROVED

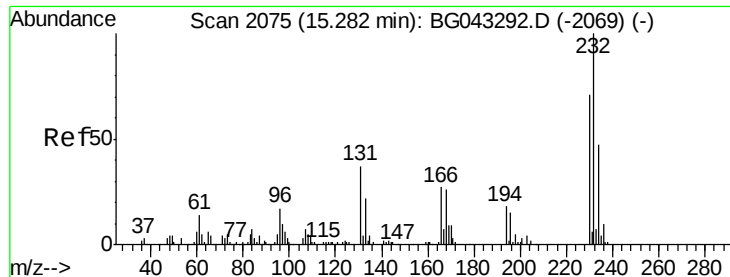
mohammad
11/21/2019 9:04:24 AM



#58
Fluorene
Concen: 45.846 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BG043721.D
Acq: 20 Nov 2019 7:17

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.7	78.4	117.6
167	14.4	11.2	16.8





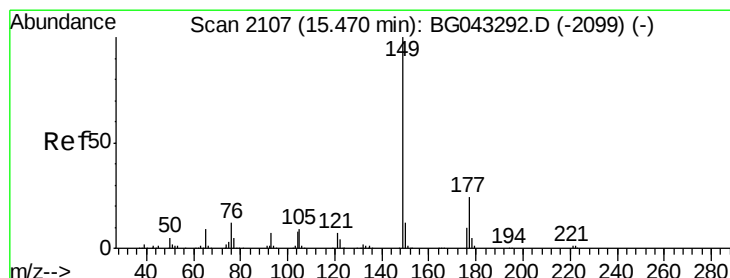
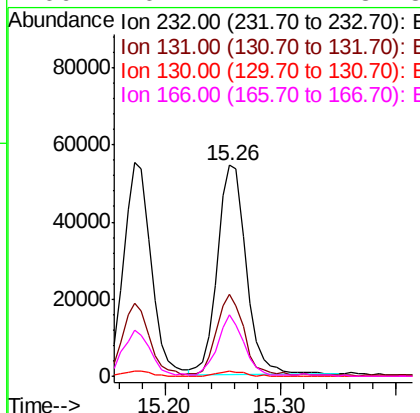
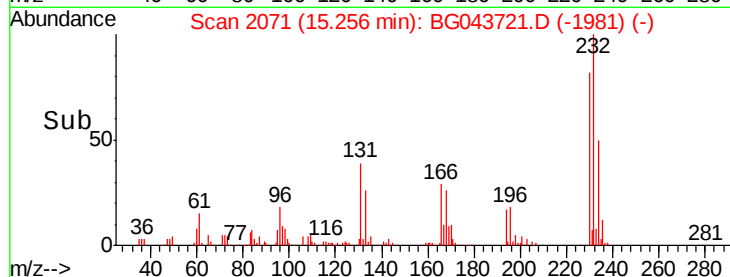
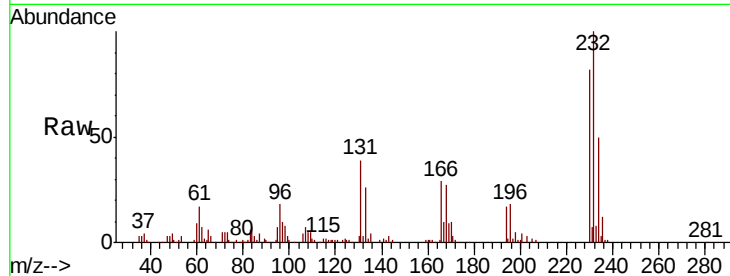
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.977 ng
 RT: 15.26 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: BG043721.D
 Acq: 20 Nov 2019 7:17

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-111419MS

Tot Ion:	232	Resp:	94200
Ion Ratio	Lower	Upper	
232	100		
131	36.4	29.6	44.4
130	2.3	1.4	2.0
166	26.2	21.2	31.8

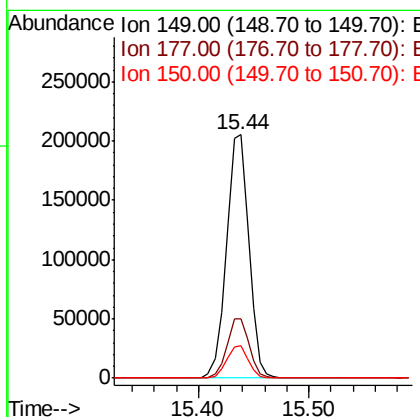
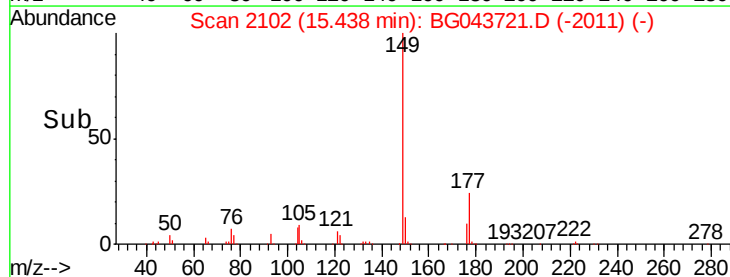
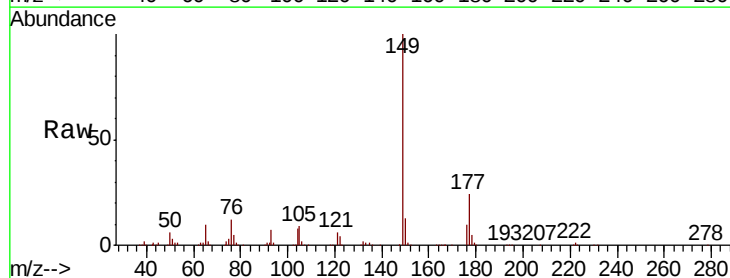
Manual Integrations
 APPROVED

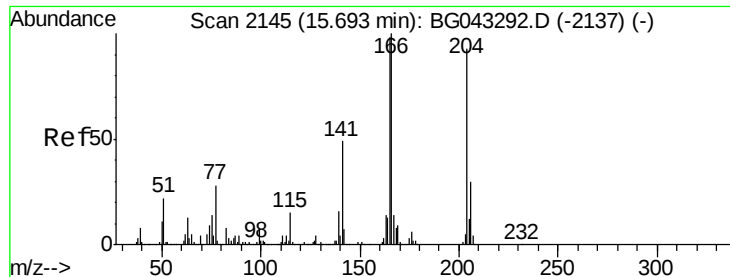
mohammad
 11/21/2019 9:04:24 AM



#60
 Diethylphthalate
 Concen: 43.824 ng
 RT: 15.44 min Scan# 2102
 Delta R.T. 0.00 min
 Lab File: BG043721.D
 Acq: 20 Nov 2019 7:17

Tgt Ion:	149	Resp:	292148
Ion Ratio	Lower	Upper	
149	100		
177	24.4	19.3	28.9
150	13.2	10.5	15.7





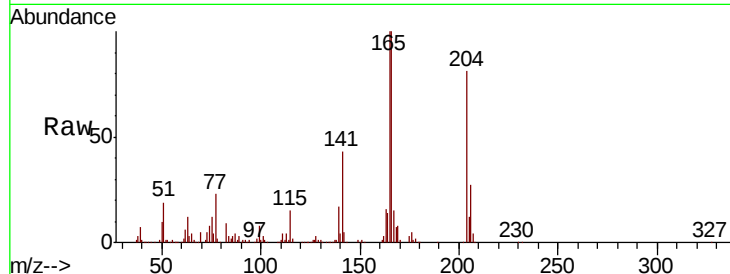
#61
4-Chlorophenyl-phenylether
Concen: 45.970 ng
RT: 15.66 min Scan# 2140
Delta R.T. -0.00 min
Lab File: BG043721.D
Acq: 20 Nov 2019 7:17

Instrument :
BNA_G
ClientSampleId :
HR-05-111419MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.0	28.2	42.4
141	53.2	44.5	66.7

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:24 AM

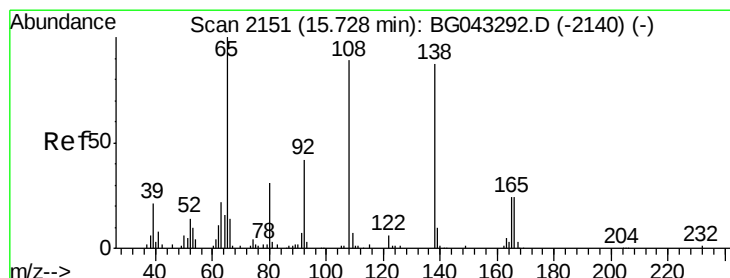
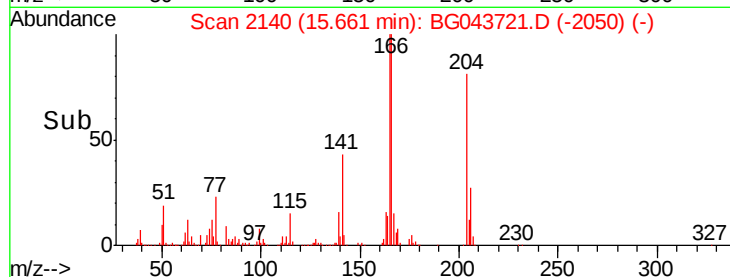
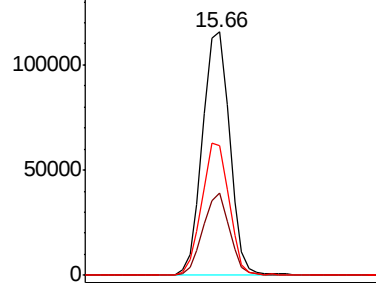


Abundance

Ion 204.00 (203.70 to 204.70): E

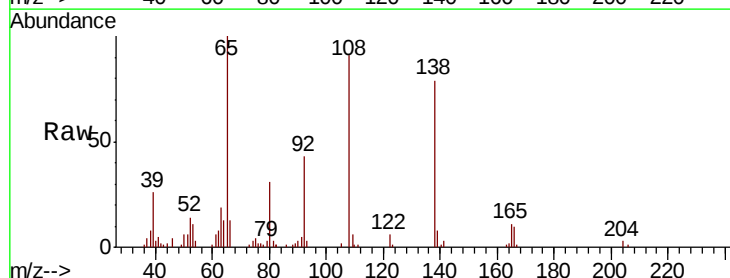
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 27.661 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BG043721.D
Acq: 20 Nov 2019 7:17

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.7	31.0	71.0
108	114.9	85.0	125.0

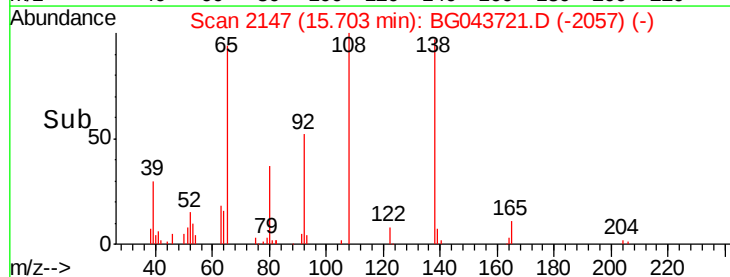
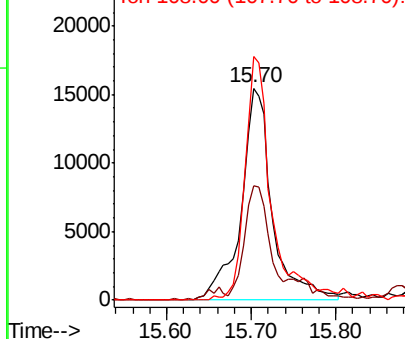


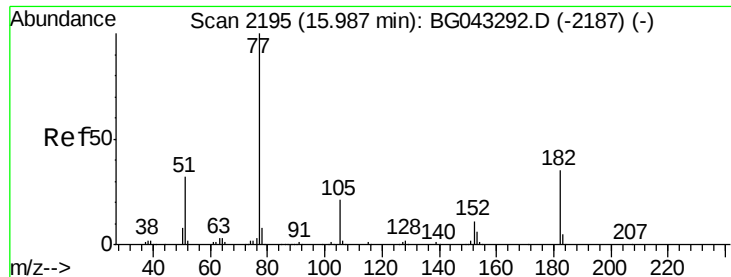
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





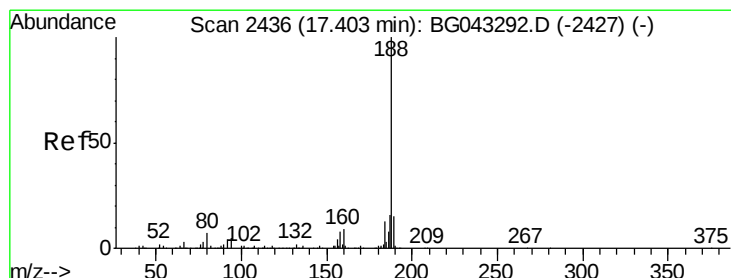
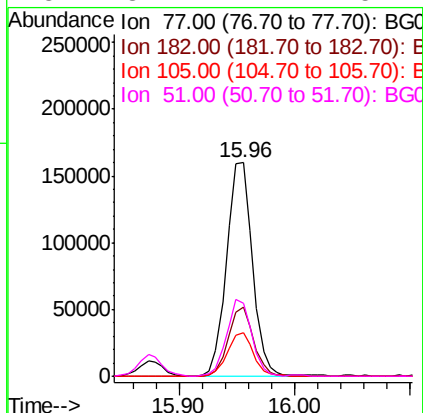
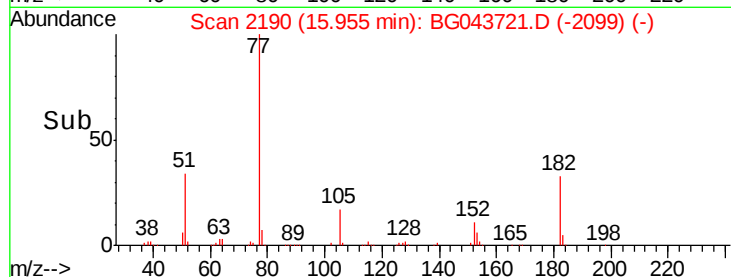
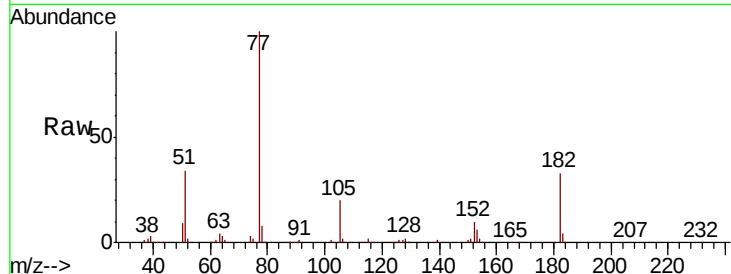
#63
Azobenzene
Concen: 45.908 ng
RT: 15.96 min Scan# 2190
Delta R.T. 0.00 min
Lab File: BG043721.D
Acq: 20 Nov 2019 7:17

Instrument :
BNA_G
ClientSampleId :
HR-05-111419MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	32.5	11.2	51.2
105	20.1	1.5	41.5
51	34.4	14.7	54.7

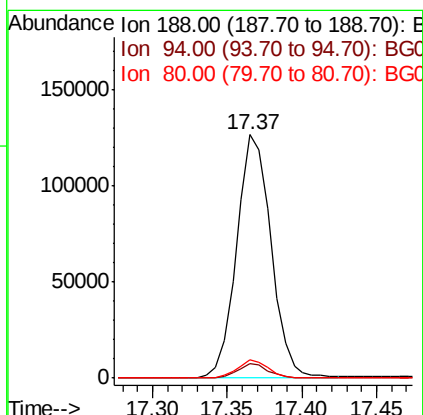
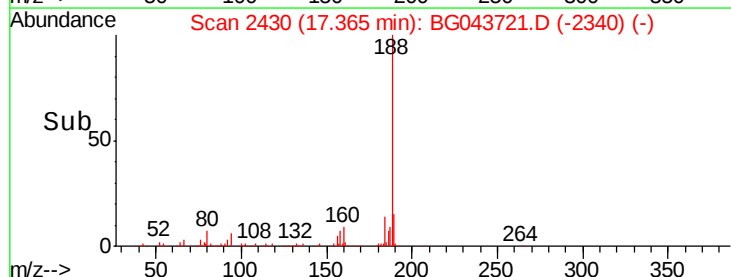
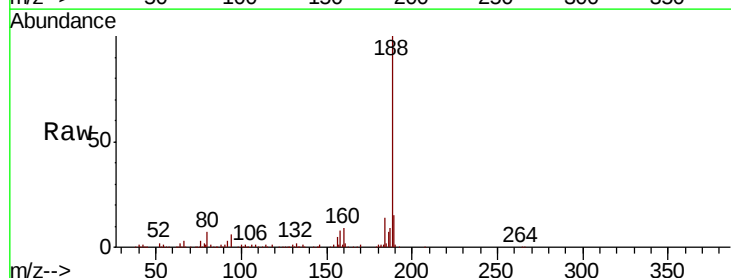
Manual Integrations
APPROVED

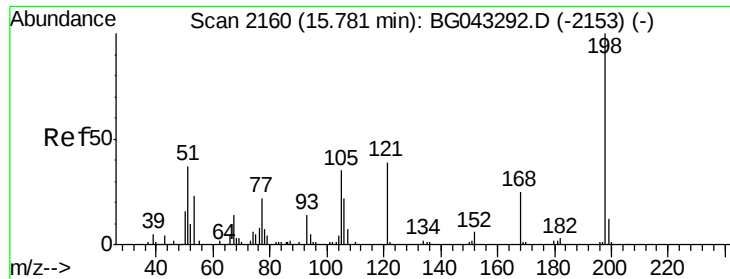
mohammad
11/21/2019 9:04:24 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG043721.D
Acq: 20 Nov 2019 7:17

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.1	4.6	7.0
80	7.3	5.2	7.8





#65

4,6-Dinitro-2-methylphenol

Concen: 52.316 ng

RT: 15.76 min Scan# 2156

Delta R.T. -0.00 min

Lab File: BG043721.D

Acq: 20 Nov 2019 7:17

Instrument :

BNA_G

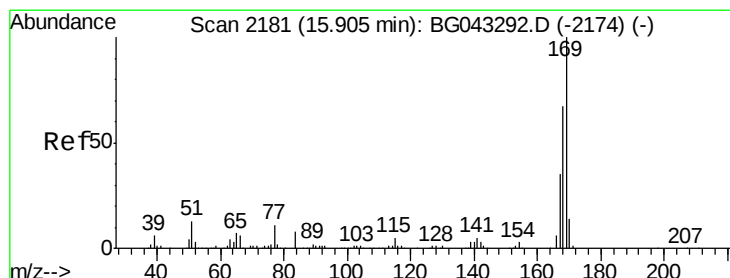
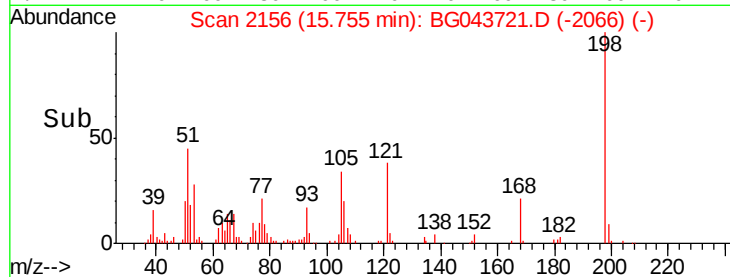
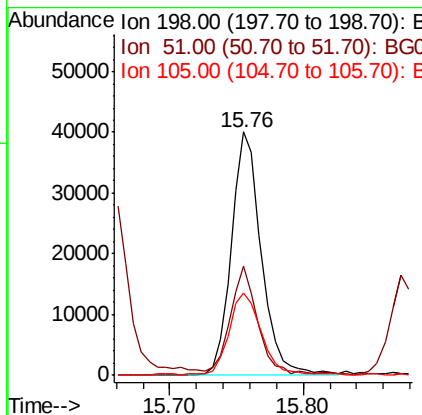
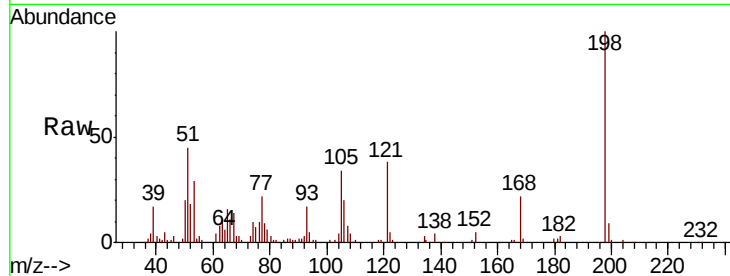
ClientSampleId :

HR-05-111419MS

Tot Ion:	198	Resp:	62605
Ion Ratio	Lower	Upper	
198	100		
51	44.8	17.3	57.3
105	34.1	13.9	53.9

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:24 AM



#66

n-Nitrosodiphenylamine

Concen: 28.862 ng

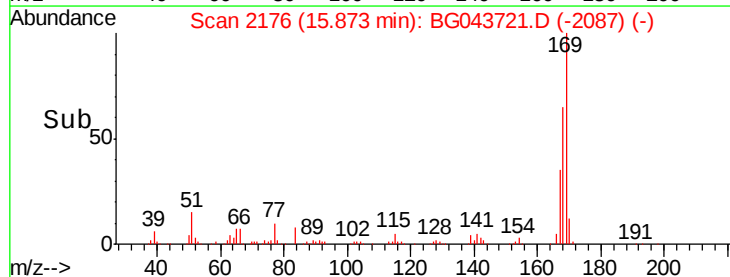
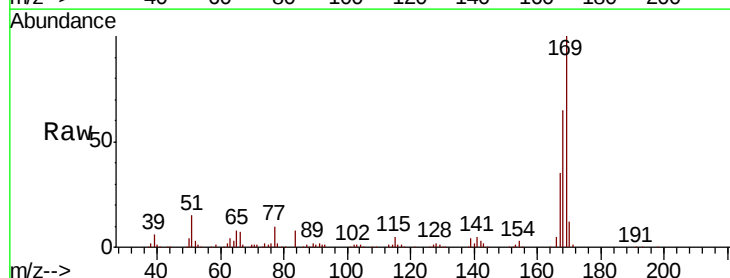
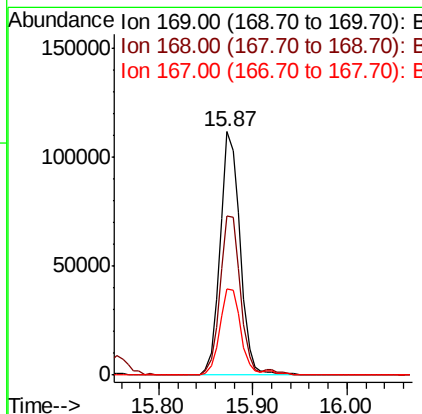
RT: 15.87 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BG043721.D

Acq: 20 Nov 2019 7:17

Tgt Ion:	169	Resp:	165692
Ion Ratio	Lower	Upper	
169	100		
168	65.4	56.2	84.4
167	35.3	29.8	44.8





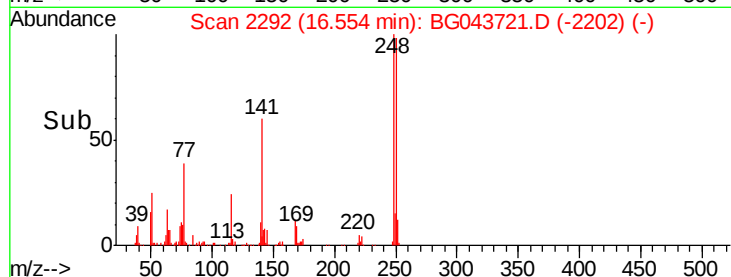
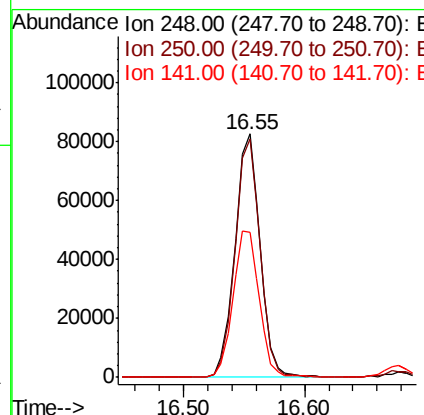
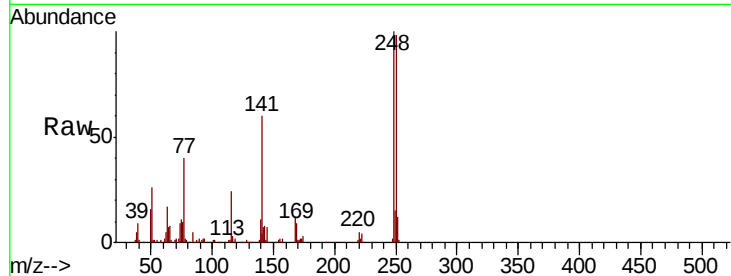
#67
4-Bromophenyl-phenylether
Concen: 43.807 ng
RT: 16.55 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BG043721.D
Acq: 20 Nov 2019 7:17

Instrument :
BNA_G
ClientSampleId :
HR-05-111419MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	76.3	114.5
141	59.8	49.5	74.3

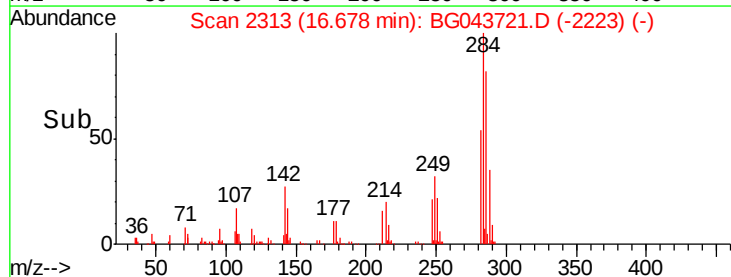
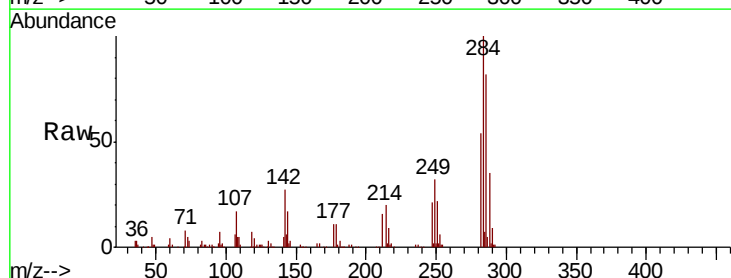
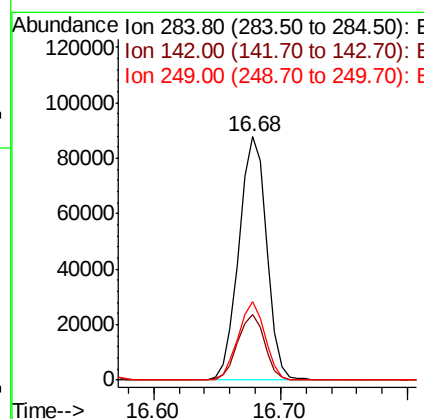
Manual Integrations
APPROVED

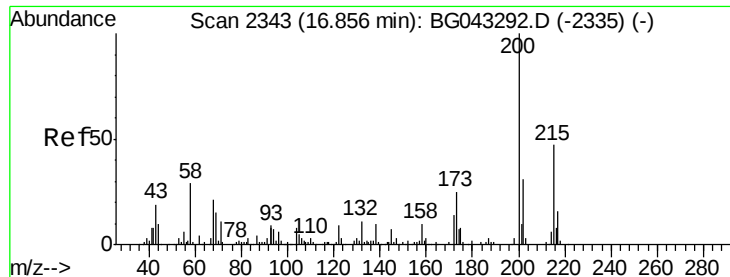
mohammad
11/21/2019 9:04:24 AM



#68
Hexachlorobenzene
Concen: 42.096 ng
RT: 16.68 min Scan# 2313
Delta R.T. -0.00 min
Lab File: BG043721.D
Acq: 20 Nov 2019 7:17

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.1	23.2	34.8
249	32.2	27.0	40.4





#69

Atrazine

Concen: 21.414 ng

RT: 16.82 min Scan# 2338

Delta R.T. -0.00 min

Lab File: BG043721.D

Acq: 20 Nov 2019 7:17

Instrument :

BNA_G

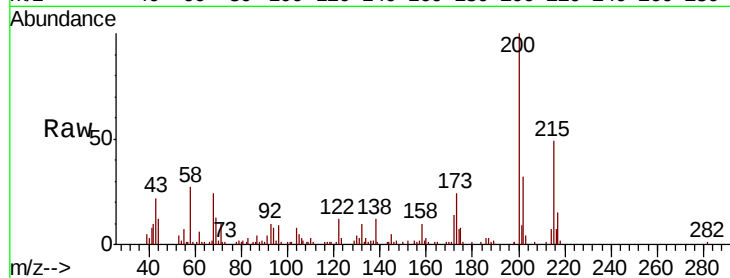
ClientSampleId :

HR-05-111419MS

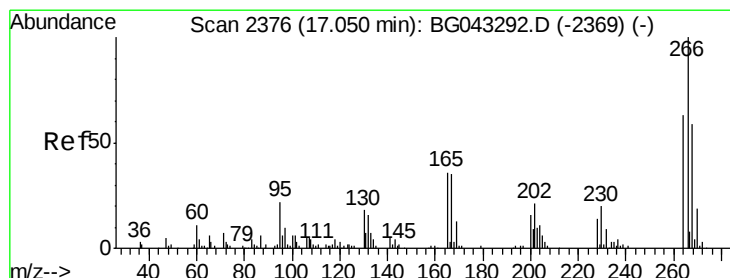
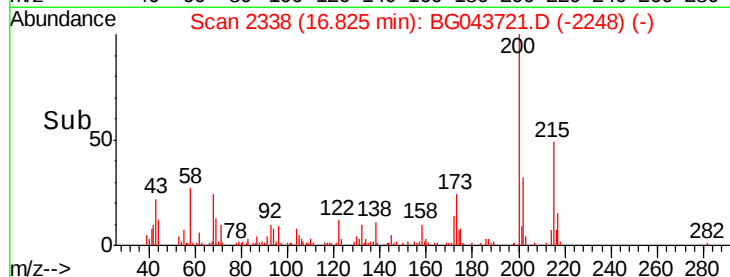
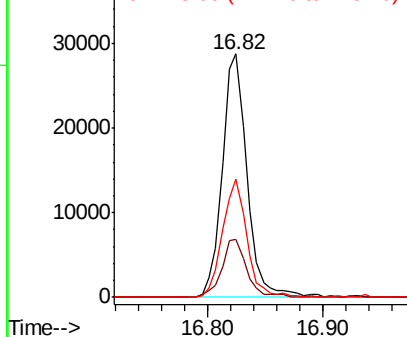
Tot Ion:	200	Resp:	42717
Ion Ratio	Lower	Upper	
200	100		
173	23.8	5.1	45.1
215	48.5	29.8	69.8

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:24 AM



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 94.961 ng

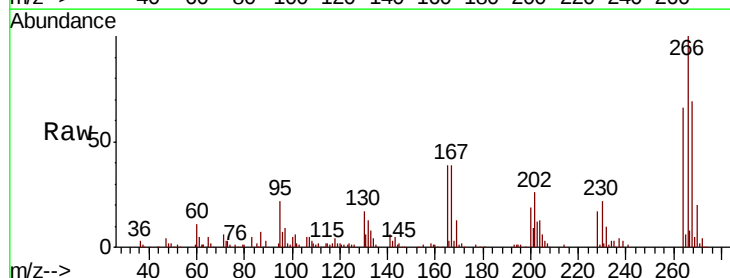
RT: 17.03 min Scan# 2373

Delta R.T. -0.00 min

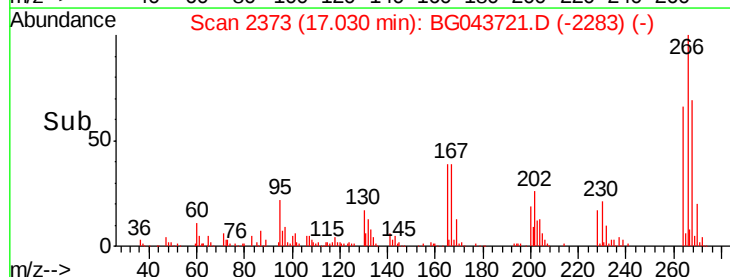
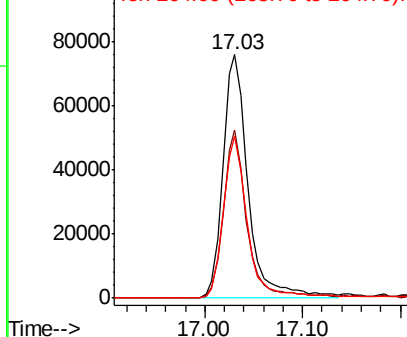
Lab File: BG043721.D

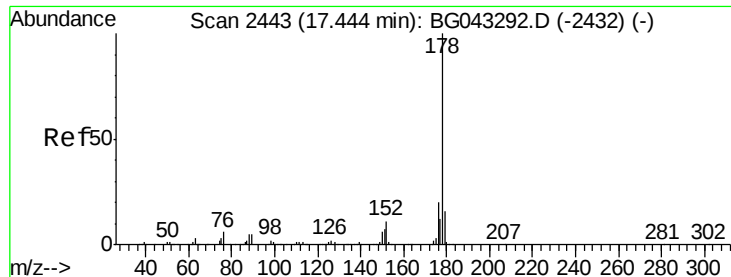
Acq: 20 Nov 2019 7:17

Tgt Ion:	266	Resp:	135919
Ion Ratio	Lower	Upper	
266	100		
268	69.0	53.2	79.8
264	66.2	48.9	73.3



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





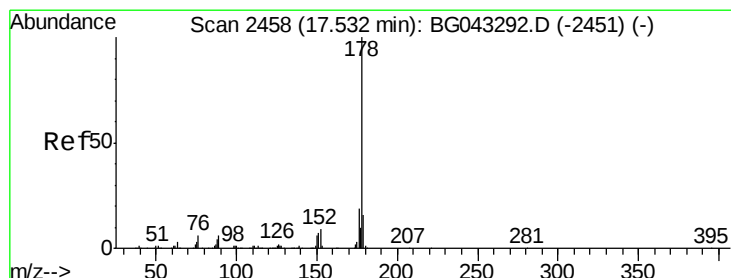
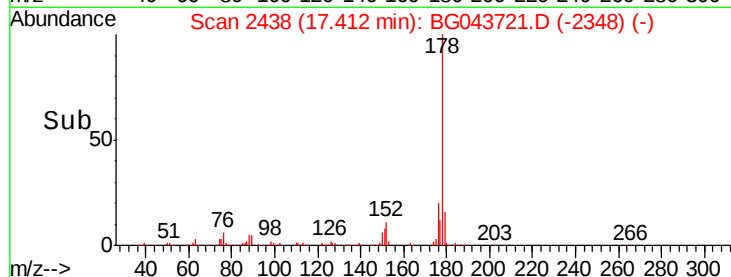
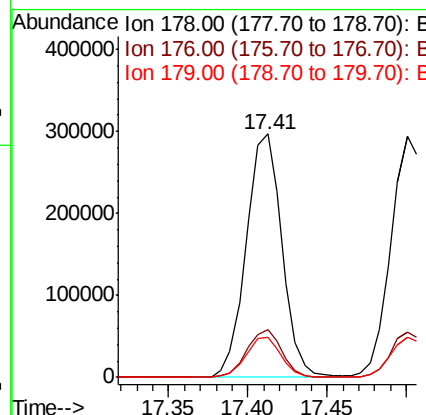
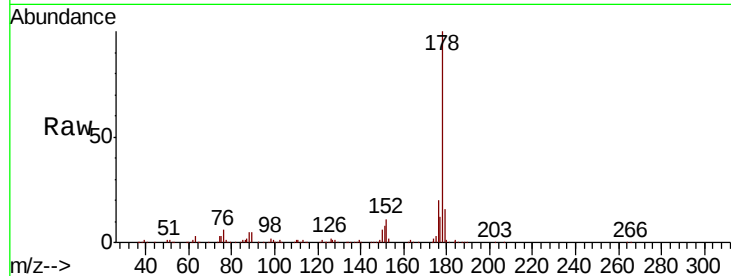
#71
Phenanthrene
Concen: 44.677 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG043721.D
Acq: 20 Nov 2019 7:17

Instrument :
BNA_G
ClientSampleId :
HR-05-111419MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.0	22.4
179	16.5	13.0	19.4

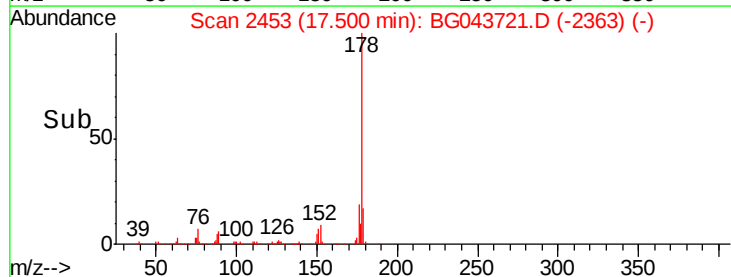
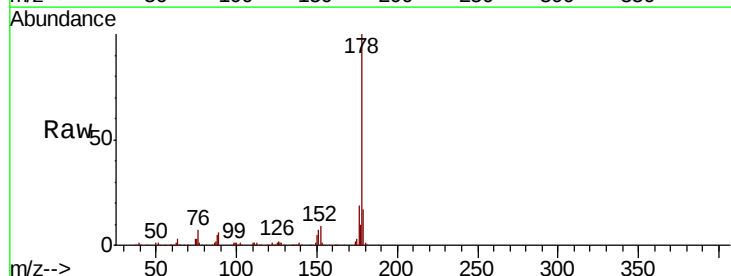
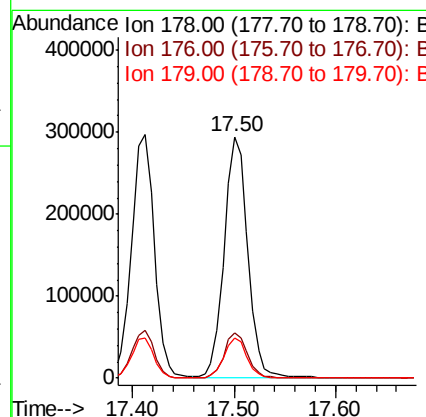
Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:24 AM



#72
Anthracene
Concen: 45.532 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BG043721.D
Acq: 20 Nov 2019 7:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	16.7	13.3	19.9





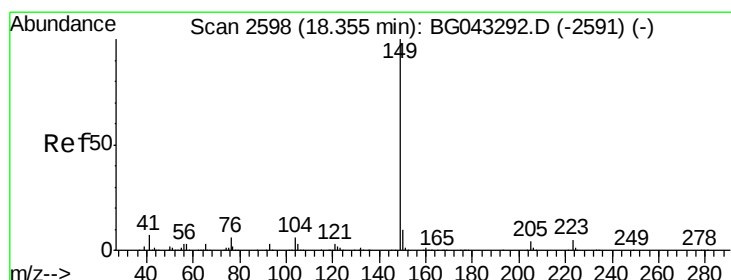
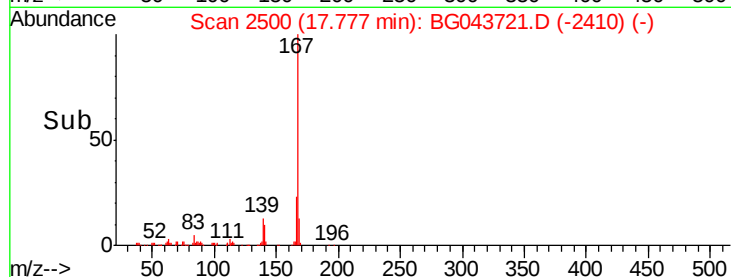
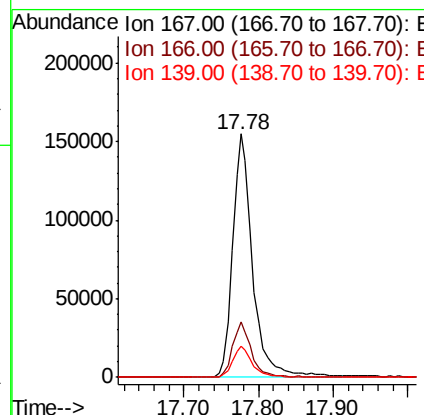
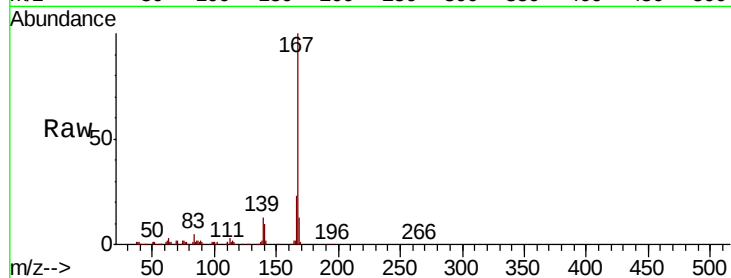
#73
 Carbazole
 Concen: 30.545 ng
 RT: 17.78 min Scan# 2500
 Delta R.T. -0.00 min
 Lab File: BG043721.D
 Acq: 20 Nov 2019 7:17

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-111419MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.6	26.4
139	12.8	10.3	15.5

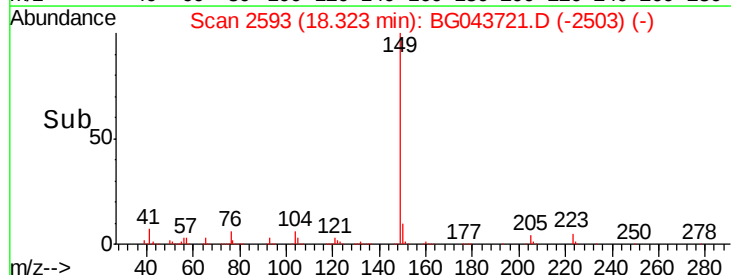
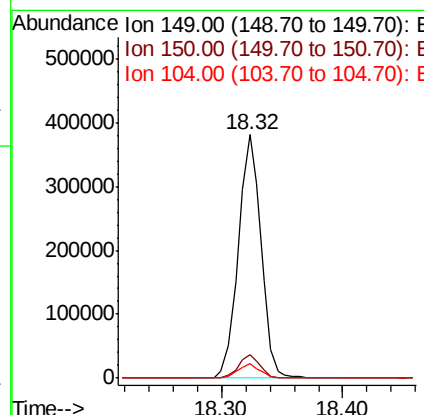
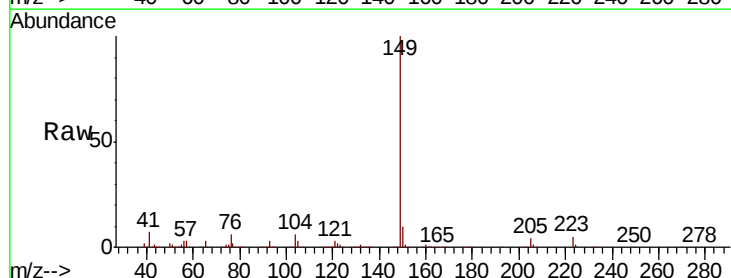
Manual Integrations
 APPROVED

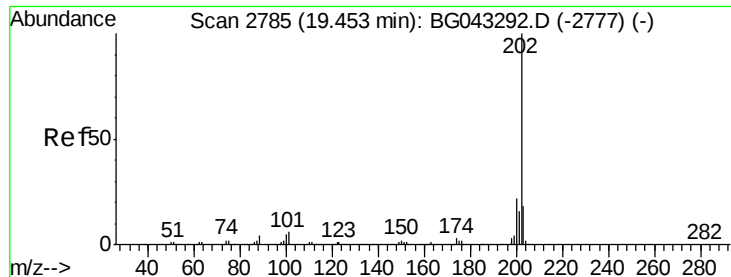
mohammad
 11/21/2019 9:04:24 AM



#74
 Di-n-butylphthalate
 Concen: 43.755 ng
 RT: 18.32 min Scan# 2593
 Delta R.T. -0.00 min
 Lab File: BG043721.D
 Acq: 20 Nov 2019 7:17

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.6	11.4
104	5.8	4.7	7.1





#75

Fluoranthene

Concen: 44.432 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.00 min

Lab File: BG043721.D

Acq: 20 Nov 2019 7:17

Instrument :

BNA_G

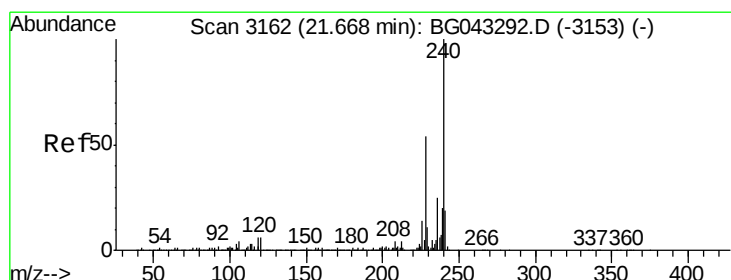
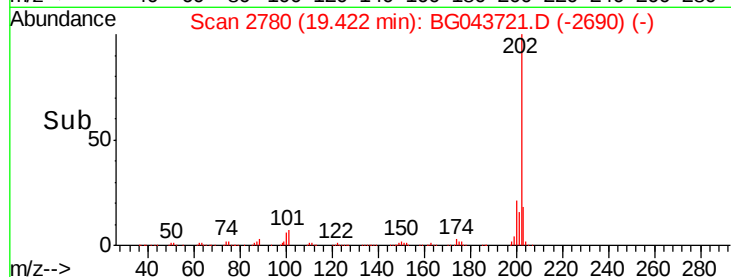
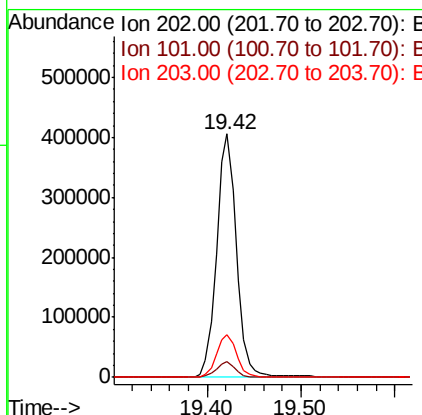
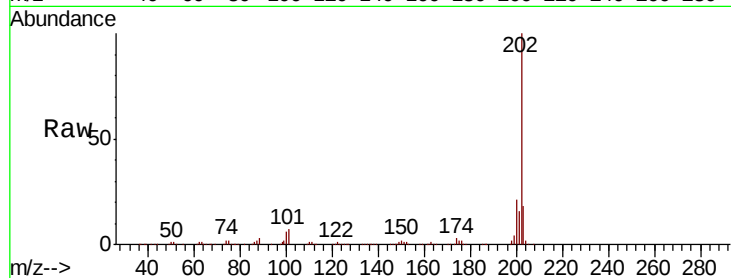
ClientSampleId :

HR-05-111419MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		603157		
101	6.5	0.0	25.6		
203	17.7	0.0	37.6		

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:24 AM



#76

Chrysene-d12

Concen: 20.000 ng

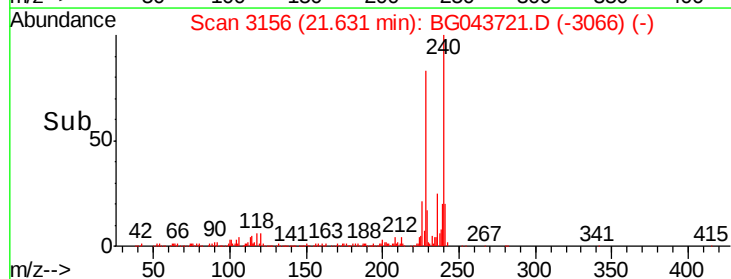
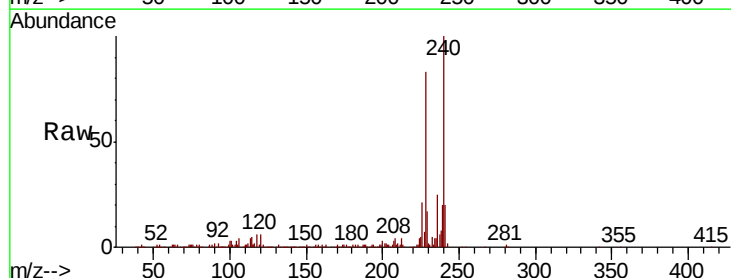
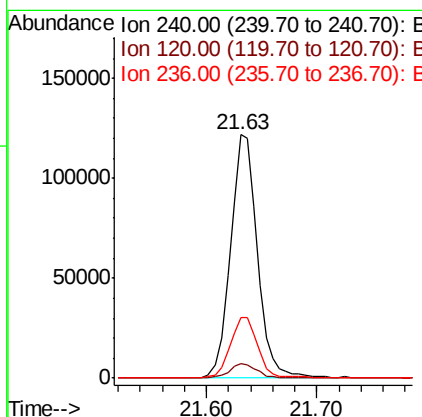
RT: 21.63 min Scan# 3156

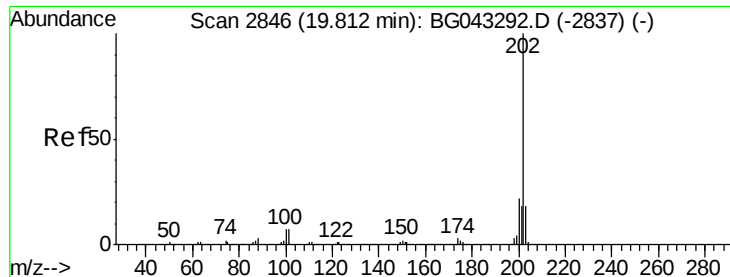
Delta R.T. -0.00 min

Lab File: BG043721.D

Acq: 20 Nov 2019 7:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		208429		
120	6.0	4.9	7.3		
236	25.0	21.4	32.0		





#78

Pvrene

Concen: 47.448 ng

RT: 19.78 min Scan# 2841

Delta R.T. -0.00 min

Lab File: BG043721.D

Acq: 20 Nov 2019 7:17

Instrument :

BNA_G

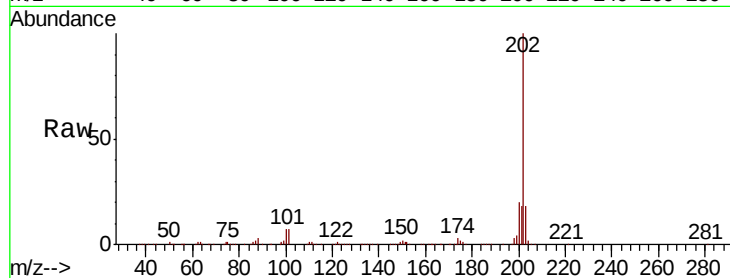
ClientSampleId :

HR-05-111419MS

Tot Ion:	202	Resp:	612155
Ion Ratio		Lower	Upper
202	100		
200	20.3	16.9	25.3
203	18.1	14.8	22.2

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:24 AM

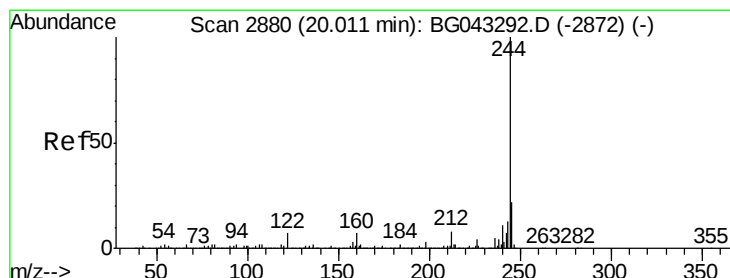
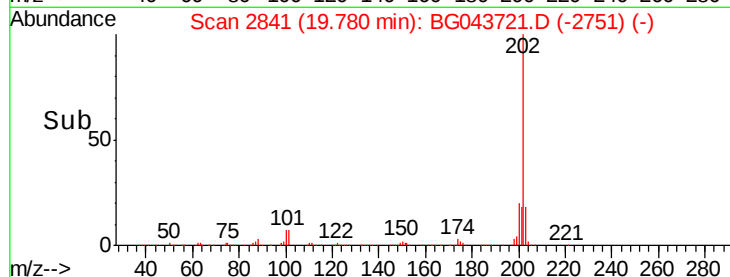
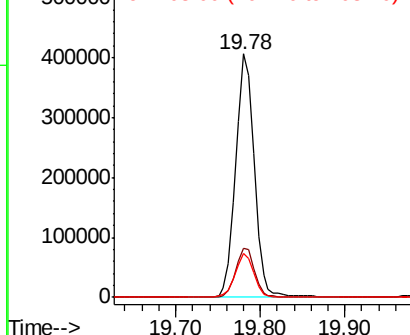


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 93.557 ng

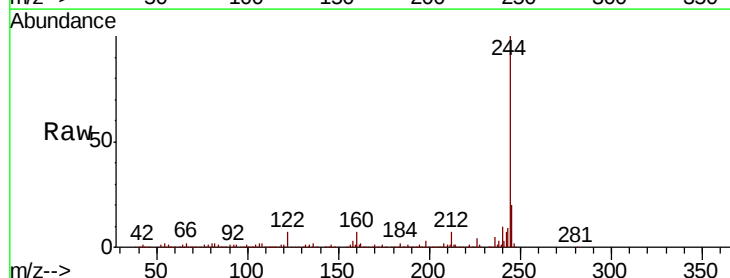
RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG043721.D

Acq: 20 Nov 2019 7:17

Tgt Ion:	244	Resp:	1039416
Ion Ratio		Lower	Upper
244	100		
212	7.1	5.6	8.4
122	6.5	5.2	7.8

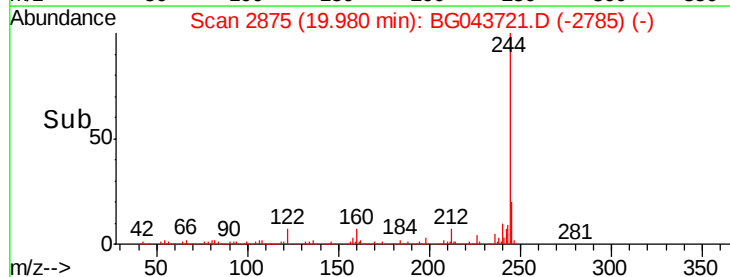
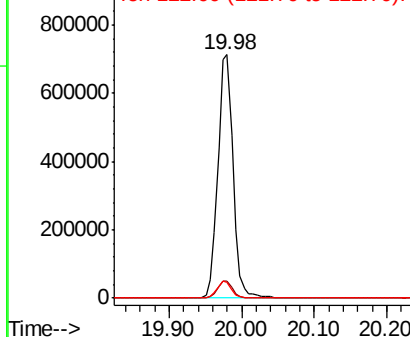


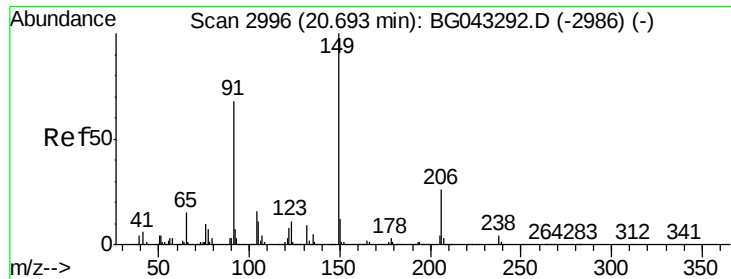
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





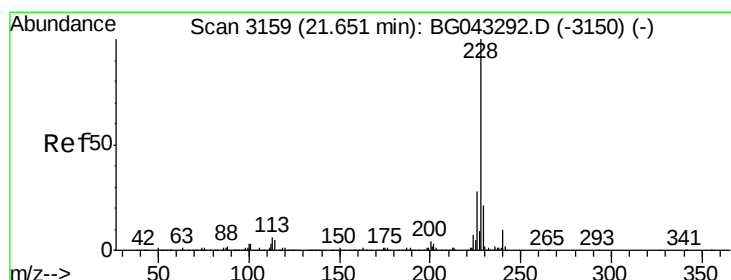
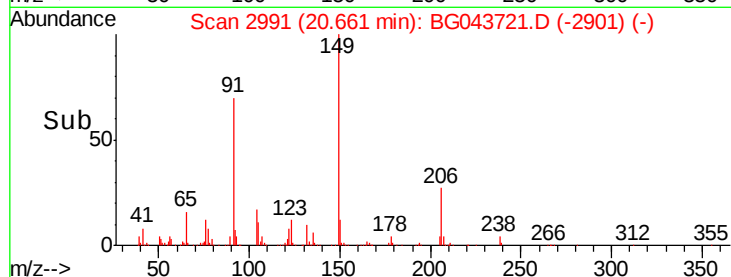
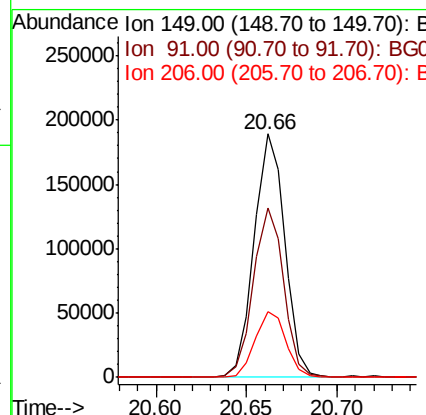
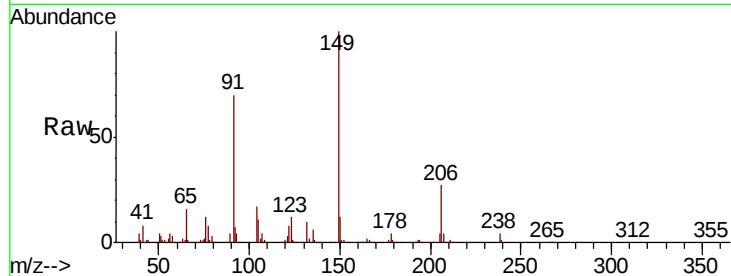
#80
Butylbenzylphthalate
Concen: 45.881 ng
RT: 20.66 min Scan# 2991
Delta R.T. -0.00 min
Lab File: BG043721.D
Acq: 20 Nov 2019 7:17

Instrument :
BNA_G
ClientSampleId :
HR-05-111419MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	69.5	55.4	83.0
206	26.9	20.2	30.4

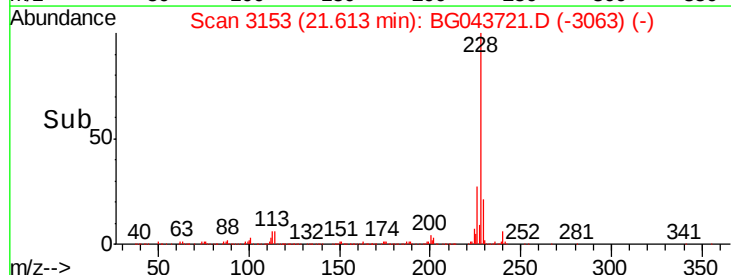
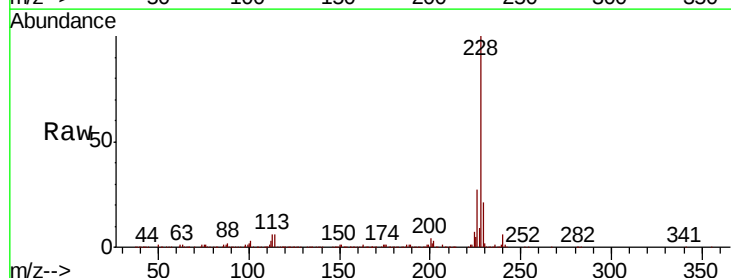
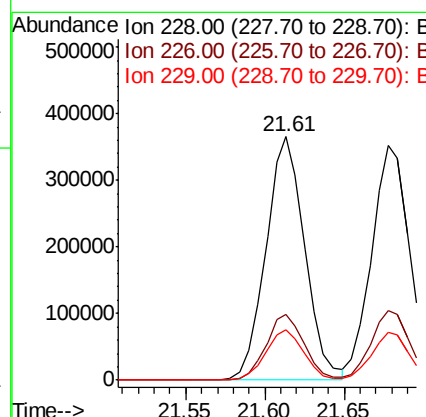
Manual Integrations
APPROVED

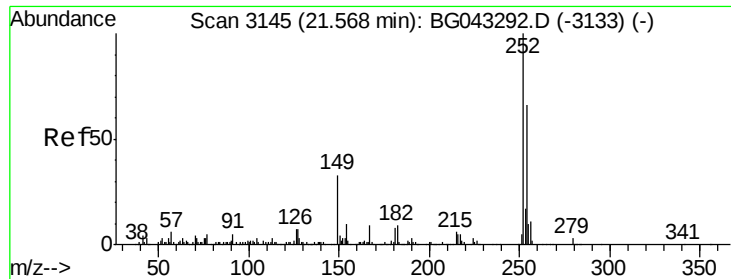
mohammad
11/21/2019 9:04:24 AM



#81
Benzo(a)anthracene
Concen: 47.561 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BG043721.D
Acq: 20 Nov 2019 7:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.8	32.6
229	20.5	15.9	23.9





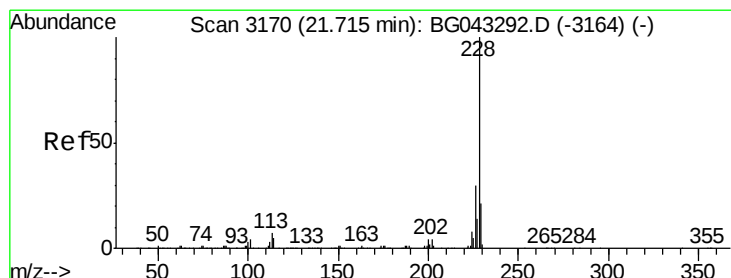
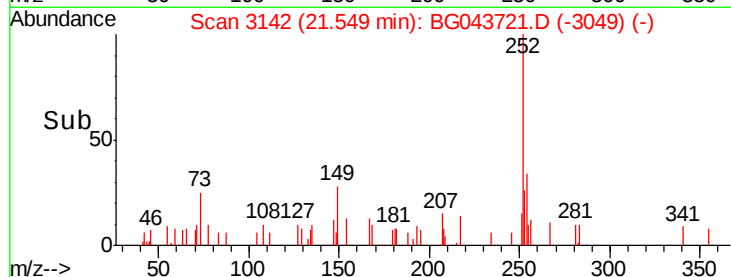
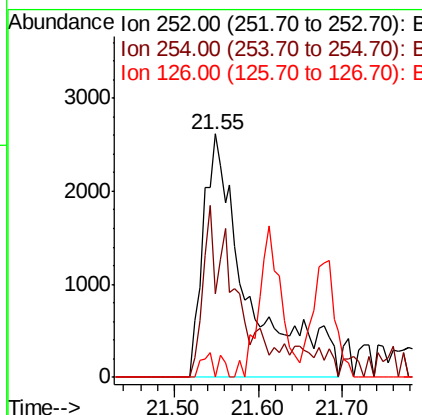
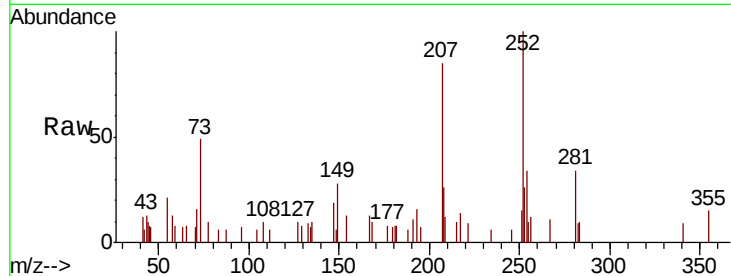
#82
 3,3'-Dichlorobenzidine
 Concen: 1.894 ng/mL
 RT: 21.55 min Scan# 3142
 Delta R.T. 0.02 min
 Lab File: BG043721.D
 Acq: 20 Nov 2019 7:17

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-111419MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	34.5	50.2	75.4#
126	0.0	5.4	8.0#

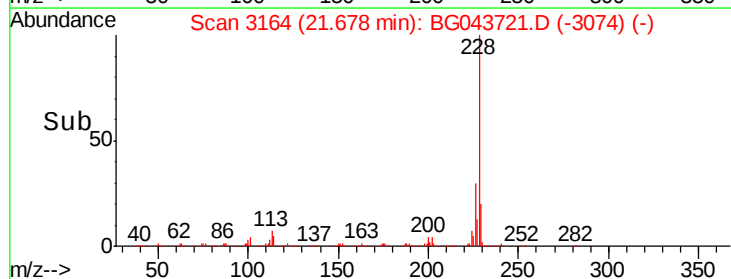
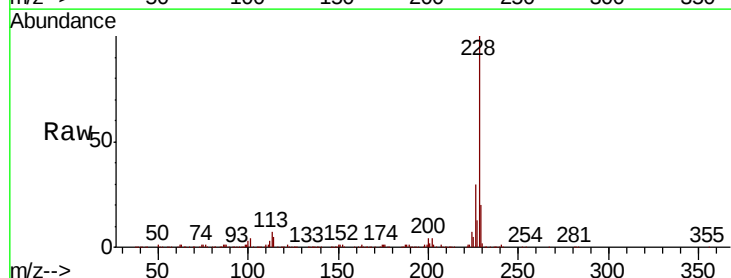
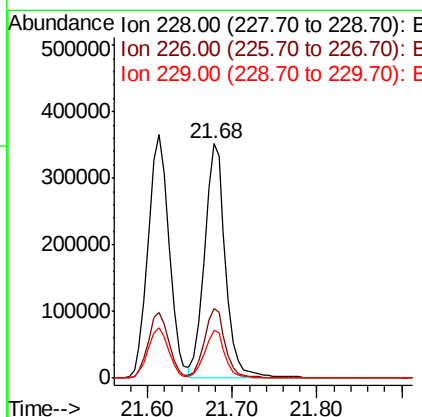
Manual Integrations
 APPROVED

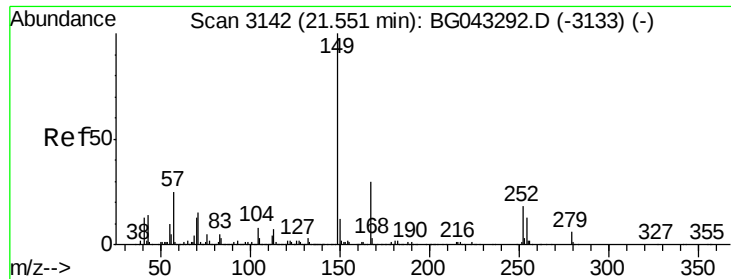
mohammad
 11/21/2019 9:04:24 AM



#83
 Chrysene
 Concen: 46.778 ng/mL
 RT: 21.68 min Scan# 3164
 Delta R.T. -0.00 min
 Lab File: BG043721.D
 Acq: 20 Nov 2019 7:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.3	34.9
229	20.4	16.5	24.7





#84

Bis(2-ethylhexyl)phthalate

Concen: 47.936 ng

RT: 21.51 min Scan# 3136

Delta R.T. -0.00 min

Lab File: BG043721.D

Acq: 20 Nov 2019 7:17

Instrument :

BNA_G

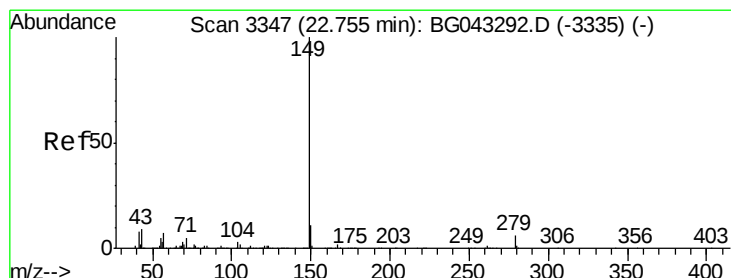
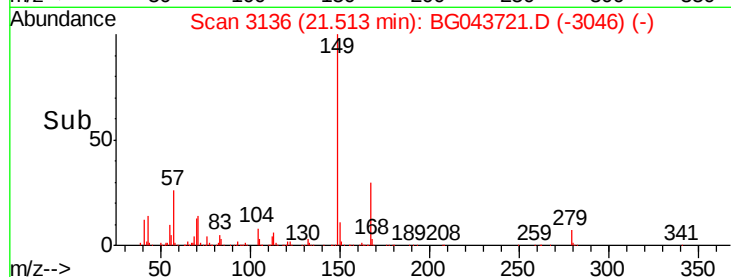
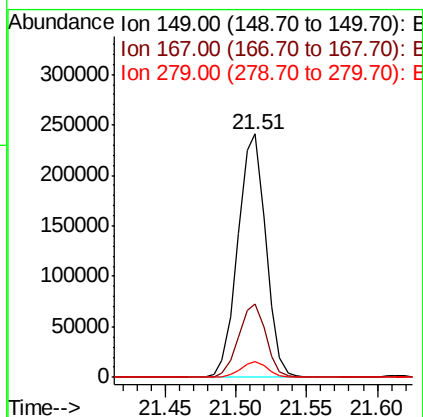
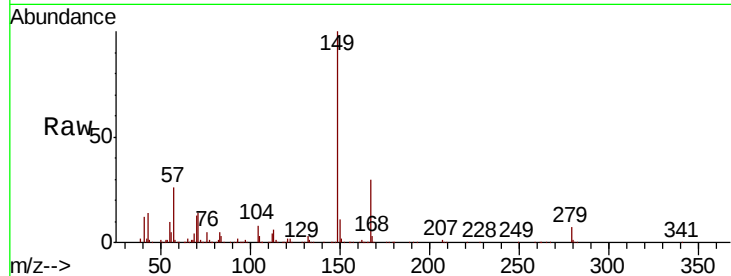
ClientSampleId :

HR-05-111419MS

Tot Ion:	149	Resp:	332832
Ion Ratio	Lower	Upper	
149	100		
167	30.2	24.8	37.2
279	6.5	5.4	8.0

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:24 AM



#85

Di-n-octyl phthalate

Concen: 48.182 ng

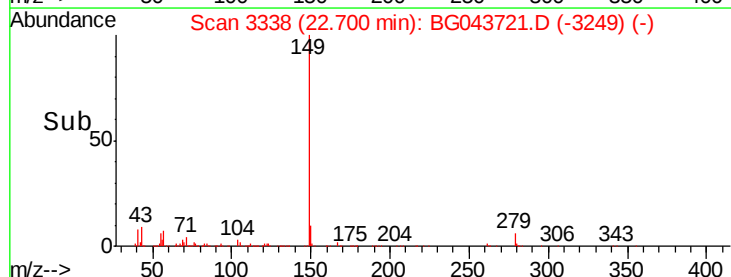
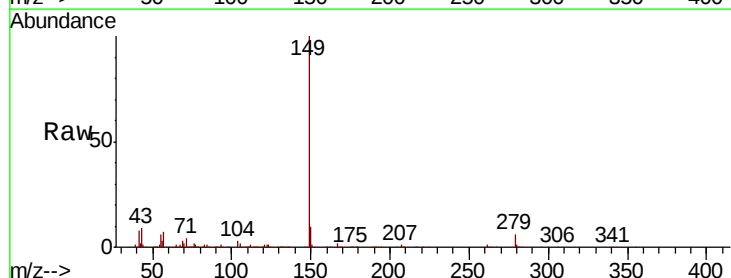
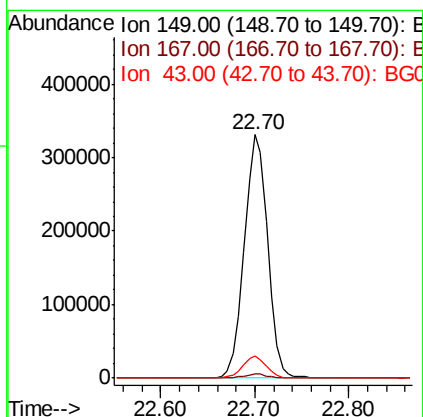
RT: 22.70 min Scan# 3338

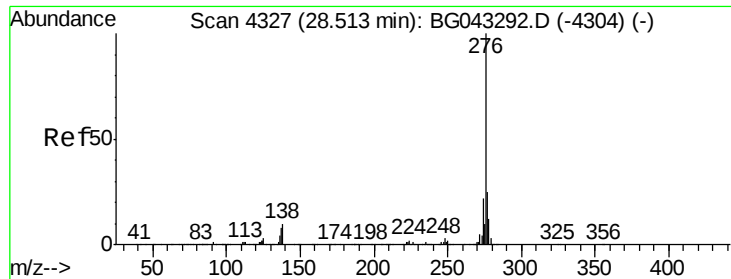
Delta R.T. -0.01 min

Lab File: BG043721.D

Acq: 20 Nov 2019 7:17

Tgt Ion:	149	Resp:	567577
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.2
43	8.9	7.8	11.8





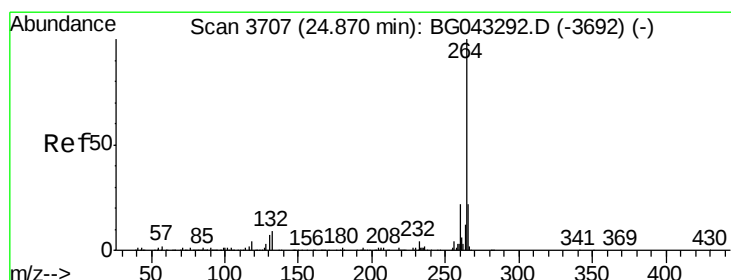
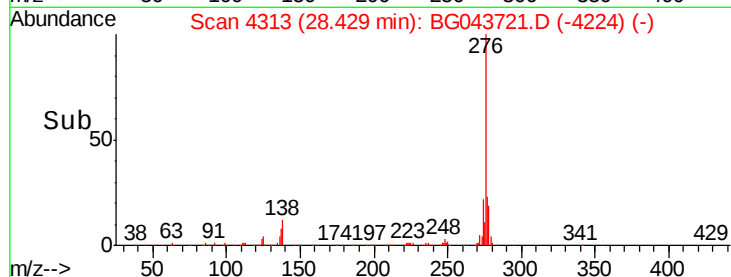
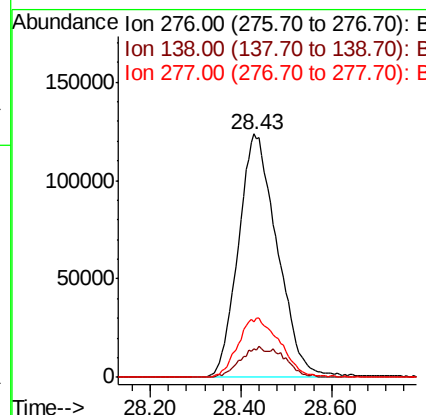
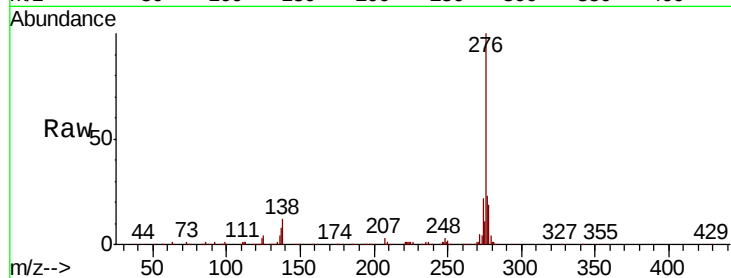
#86
Indeno(1,2,3-cd)pyrene
Concen: 45.283 ng
RT: 28.43 min Scan# 4313
Delta R.T. -0.01 min
Lab File: BG043721.D
Acq: 20 Nov 2019 7:17

Instrument :
BNA_G
ClientSampleId :
HR-05-111419MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	8.4	11.3	16.9#
277	26.0	20.6	31.0

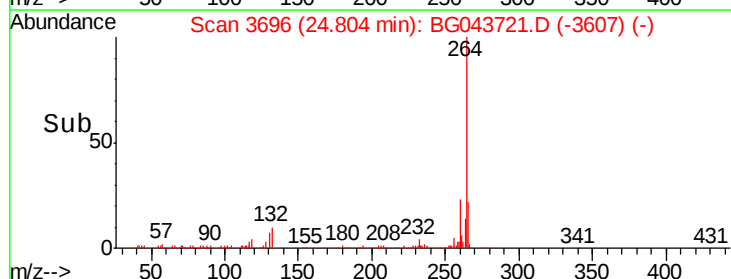
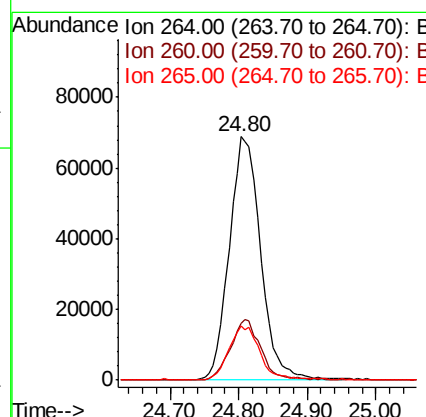
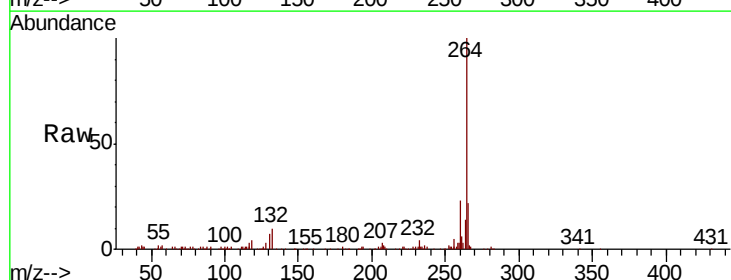
Manual Integrations
APPROVED

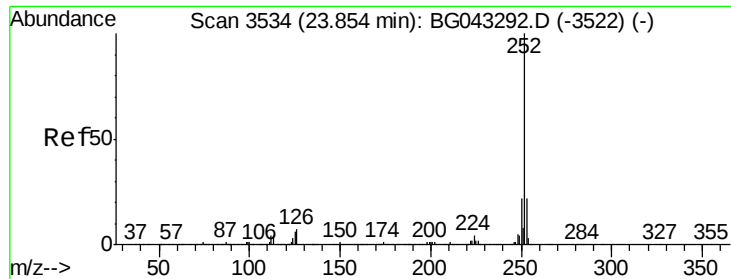
mohammad
11/21/2019 9:04:24 AM



#87
Perylene-d12
Concen: 20.000 ng
RT: 24.80 min Scan# 3696
Delta R.T. -0.01 min
Lab File: BG043721.D
Acq: 20 Nov 2019 7:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.4	27.6
265	22.1	15.8	23.8





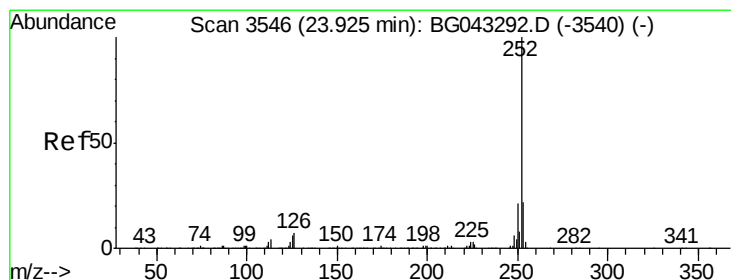
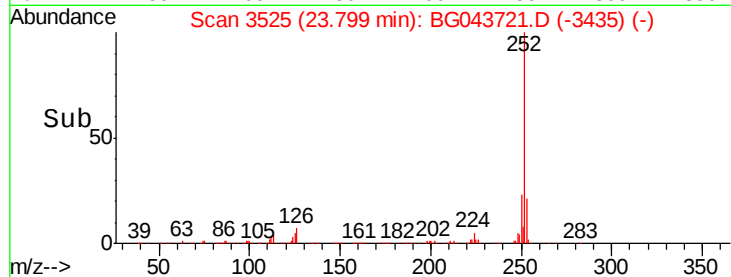
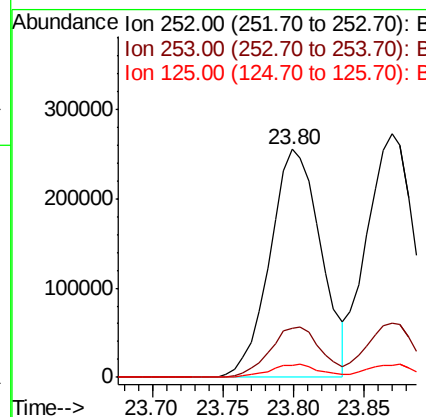
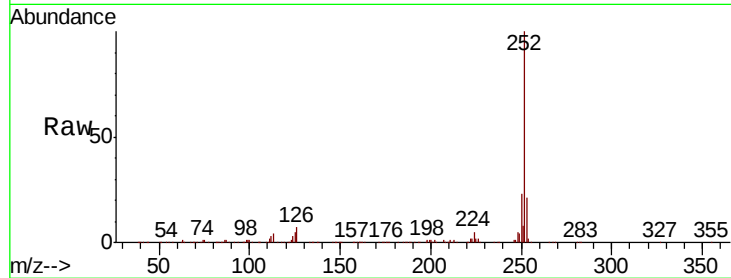
#88
Benzo(b)fluoranthene
Concen: 52.176 ng
RT: 23.80 min Scan# 3525
Delta R.T. -0.00 min
Lab File: BG043721.D
Acq: 20 Nov 2019 7:17

Instrument :
BNA_G
ClientSampleId :
HR-05-111419MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.7	26.5
125	5.4	4.5	6.7

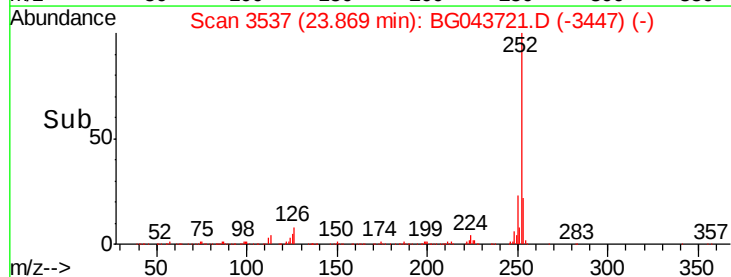
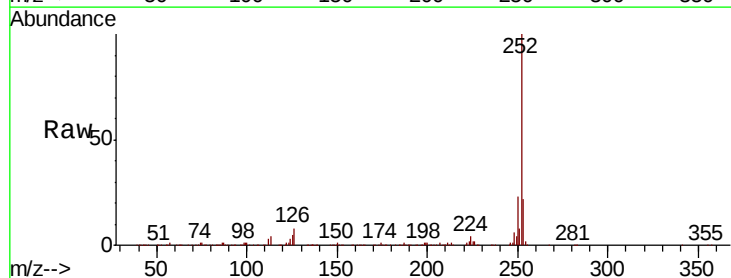
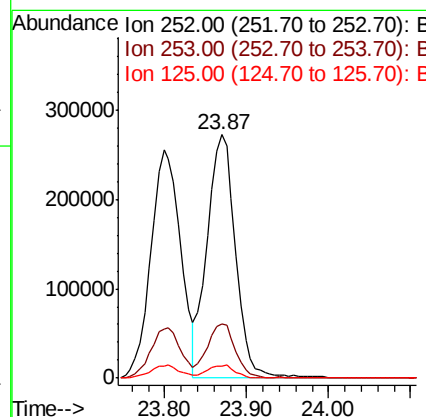
Manual Integrations
APPROVED

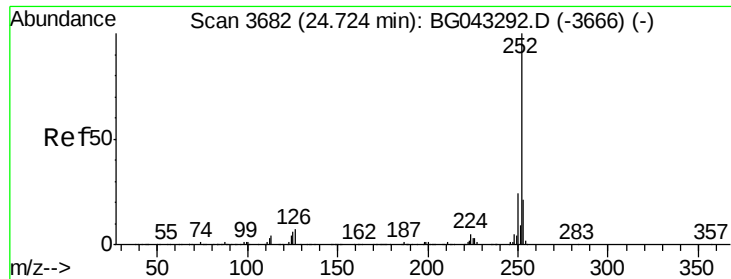
mohammad
11/21/2019 9:04:24 AM



#89
Benzo(k)fluoranthene
Concen: 52.630 ng
RT: 23.87 min Scan# 3537
Delta R.T. -0.00 min
Lab File: BG043721.D
Acq: 20 Nov 2019 7:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	5.1	4.7	7.1





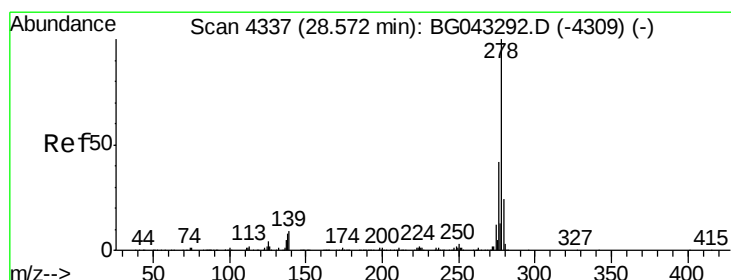
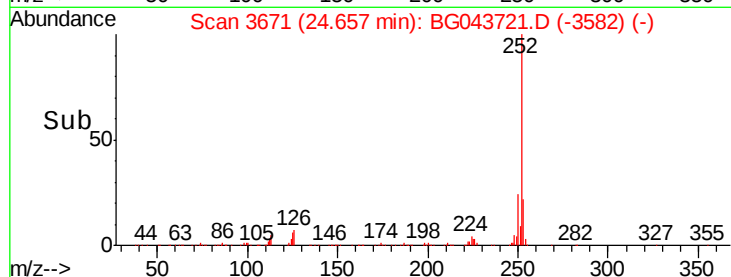
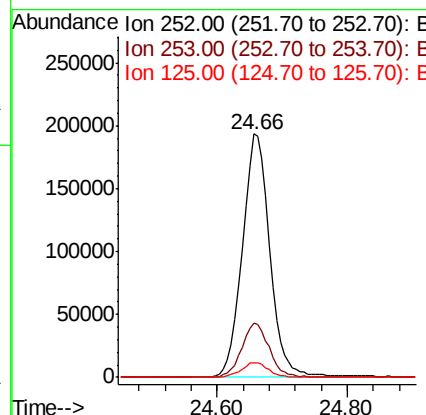
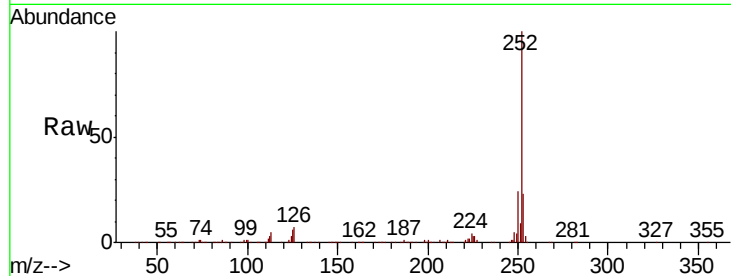
#90
Benzo(a)pyrene
Concen: 47.839 ng
RT: 24.66 min Scan# 3671
Delta R.T. -0.01 min
Lab File: BG043721.D
Acq: 20 Nov 2019 7:17

Instrument :
BNA_G
ClientSampleId :
HR-05-111419MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	5.8	5.0	7.6

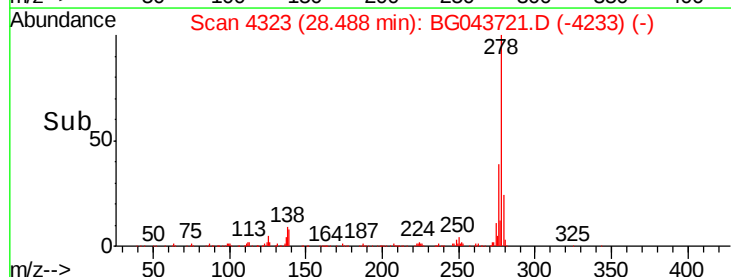
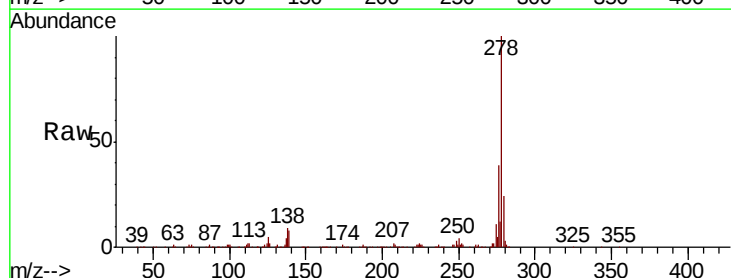
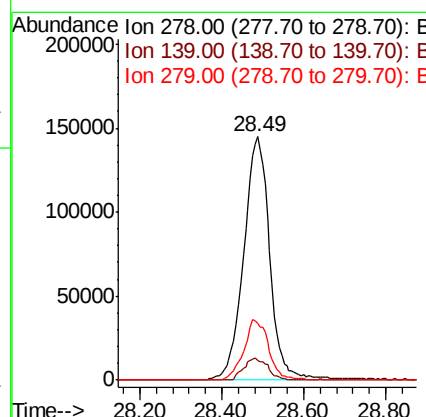
Manual Integrations
APPROVED

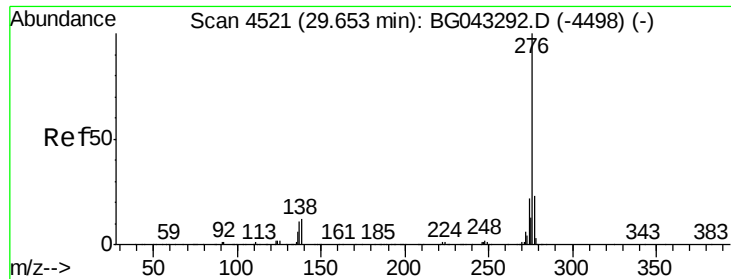
mohammad
11/21/2019 9:04:24 AM



#91
Dibenzo(a,h)anthracene
Concen: 52.848 ng
RT: 28.49 min Scan# 4323
Delta R.T. -0.00 min
Lab File: BG043721.D
Acq: 20 Nov 2019 7:17

Tgt Ion	Ratio	Lower	Upper
278	100		
139	8.1	7.2	10.8
279	23.5	19.0	28.4





#92

Benzo(a,h,i)perylene

Concen: 50.726 ng

RT: 29.56 min Scan# 4506

Delta R.T. -0.01 min

Lab File: BG043721.D

Acq: 20 Nov 2019 7:17

Instrument :

BNA_G

ClientSampleId :

HR-05-111419MS

Tot Ion:	276	Resp:	604170
Ion Ratio		Lower	Upper
276	100		
277	24.6	19.8	29.6
138	12.0	9.7	14.5

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:24 AM

