

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112019\
 Data File : BG043735.D
 Acq On : 20 Nov 2019 19:47
 Operator : JU
 Sample : K5916-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 600429836MS

Manual Integrations
 APPROVED

mohammad
 11/21/2019 1:05:33 PM

Quant Time: Nov 21 01:05:54 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	30189	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	118123	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	84257	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	199472	20.00	ng	0.00
76) Chrysene-d12	21.63	240	214081	20.00	ng	0.00
87) Perylene-d12	24.80	264	229748	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	243587	147.86	ng	0.00
7) Phenol-d6	7.19	99	341498	144.07	ng	0.00
23) Nitrobenzene-d5	9.16	82	206932	90.32	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	201402	125.61	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	547717	89.82	ng	0.00
79) Terphenyl-d14	19.98	244	1068951	93.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	24523	38.198	ng	# 47
3) Pyridine	3.87	79	66376	40.986	ng	99
4) n-Nitrosodimethylamine	3.78	42	44464	54.410	ng	98
6) Aniline	7.33	93	18852	6.904	ng	95
8) 2-Chlorophenol	7.56	128	91181	50.138	ng	99
9) Benzaldehyde	7.13	77	13717	11.776	ng	87
10) Phenol	7.21	94	111534	51.493	ng	97
11) bis(2-Chloroethyl)ether	7.41	93	74739	44.631	ng	91
12) 1,3-Dichlorobenzene	7.88	146	99488	43.662	ng	99
13) 1,4-Dichlorobenzene	8.02	146	99851	43.313	ng	96
14) 1,2-Dichlorobenzene	8.35	146	97719	43.413	ng	97
15) Benzyl Alcohol	8.24	79	66410	39.894	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.51	45	107003	43.943	ng	99
17) 2-Methylphenol	8.46	107	79514	50.357	ng	95
18) Hexachloroethane	9.07	117	34996	42.075	ng	90
19) n-Nitroso-di-n-propylamine	8.79	70	67283	43.928	ng	# 95
20) 3+4-Methylphenols	8.79	107	106847	49.347	ng	96
22) Acetophenone	8.82	105	136071	44.982	ng	# 98
24) Nitrobenzene	9.20	77	106326	48.714	ng	98
25) Isophorone	9.72	82	192324	45.912	ng	99
26) 2-Nitrophenol	9.91	139	53668	50.931	ng	97
27) 2,4-Dimethylphenol	9.98	122	87081	57.658	ng	98
28) bis(2-Chloroethoxy)methane	10.20	93	103241	44.655	ng	98
29) 2,4-Dichlorophenol	10.47	162	95829	49.521	ng	97
30) 1,2,4-Trichlorobenzene	10.66	180	109056	44.714	ng	99
31) Naphthalene	10.84	128	279193	46.564	ng	98
32) Benzoic acid	10.18	122	46862	42.024	ng	95
33) 4-Chloroaniline	10.99	127	5083	2.068	ng	# 87
34) Hexachlorobutadiene	11.13	225	76264	42.300	ng	99
35) Caprolactam	11.74	113	30245m	45.382	ng	
36) 4-Chloro-3-methylphenol	12.11	107	105801	50.124	ng	90
37) 2-Methylnaphthalene	12.45	142	215096	46.755	ng	99
38) 1-Methylnaphthalene	12.66	142	206250	47.118	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	139079	44.602	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112019\
 Data File : BG043735.D
 Acq On : 20 Nov 2019 19:47
 Operator : JU
 Sample : K5916-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 600429836MS

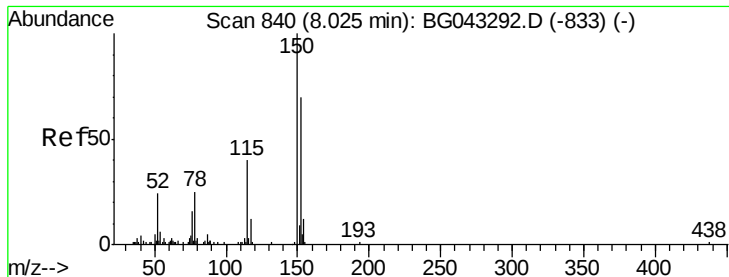
Manual Integrations
 APPROVED

mohammad
 11/21/2019 1:05:33 PM

Quant Time: Nov 21 01:05:54 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	12.79	237	150767	92.042	nq	98
43) 2,4,6-Trichlorophenol	13.06	196	89625	48.806	nq	95
44) 2,4,5-Trichlorophenol	13.16	196	97181	52.346	nq	98
46) 1,1'-Biphenyl	13.45	154	289183	45.116	nq	99
47) 2-Chloronaphthalene	13.50	162	222728	45.669	nq	96
48) 2-Nitroaniline	13.71	65	64971	44.573	nq	95
49) Acenaphthylene	14.34	152	362433	47.749	nq	99
50) Dimethylphthalate	14.07	163	302675	46.378	nq	99
51) 2,6-Dinitrotoluene	14.20	165	66812	47.123	nq	95
52) Acenaphthene	14.69	154	217474	46.982	nq	96
53) 3-Nitroaniline	14.54	138	9576	6.995	nq #	93
54) 2,4-Dinitrophenol	14.74	184	76664	85.991	nq	94
55) Dibenzofuran	15.02	168	357120	47.575	nq	98
56) 4-Nitrophenol	14.88	139	84896	92.547	nq	88
57) 2,4-Dinitrotoluene	14.99	165	95488	47.126	nq	97
58) Fluorene	15.67	166	293939	46.688	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.26	232	97777	49.571	nq	98
60) Diethylphthalate	15.43	149	293695	44.788	nq	99
61) 4-Chlorophenyl-phenylether	15.66	204	170464	46.412	nq	98
62) 4-Nitroaniline	15.70	138	45418	32.127	nq	97
63) Azobenzene	15.95	77	246948	46.531	nq	97
65) 4,6-Dinitro-2-methylphenol	15.76	198	60558	51.587	nq	98
66) n-Nitrosodiphenylamine	15.88	169	196283	34.854	nq	97
67) 4-Bromophenyl-phenylether	16.55	248	119266	44.429	nq	99
68) Hexachlorobenzene	16.68	284	132898	43.129	nq	95
69) Atrazine	16.82	200	65876	33.664	nq	95
70) Pentachlorophenol	17.03	266	136182	96.990	nq	97
71) Phenanthrene	17.41	178	471895	46.199	nq	97
72) Anthracene	17.50	178	491289	48.073	nq	99
73) Carbazole	17.78	167	339804	36.717	nq	99
74) Di-n-butylphthalate	18.32	149	507260	45.173	nq	99
75) Fluoranthene	19.42	202	622338	46.734	nq	99
77) Benzidine	19.66	184	978	0.227	nq #	66
78) Pyrene	19.78	202	634755	47.901	nq	99
80) Butylbenzylphthalate	20.66	149	235188	46.846	nq	98
81) Benzo(a)anthracene	21.61	228	646154	48.185	nq	98
82) 3,3'-Dichlorobenzidine	21.54	252	14038	2.707	nq #	96
83) Chrysene	21.68	228	632940	47.505	nq	98
84) Bis(2-ethylhexyl)phthalate	21.51	149	339149	47.556	nq	98
85) Di-n-octyl phthalate	22.70	149	591453	48.884	nq	98
86) Indeno(1,2,3-cd)pyrene	28.43	276	775537	46.371	nq	100
88) Benzo(b)fluoranthene	23.80	252	677104	52.036	nq	98
89) Benzo(k)fluoranthene	23.87	252	685302	52.315	nq	98
90) Benzo(a)pyrene	24.66	252	610485	49.131	nq	100
91) Dibenzo(a,h)anthracene	28.49	278	672825	52.938	nq	98
92) Benzo(g,h,i)perylene	29.56	276	635230	50.669	nq	99

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



#1

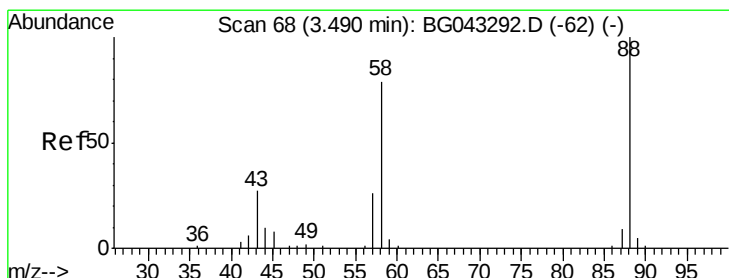
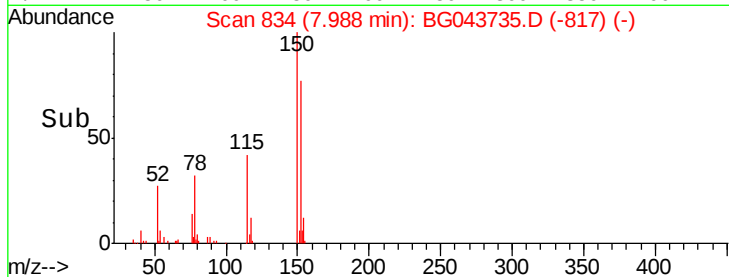
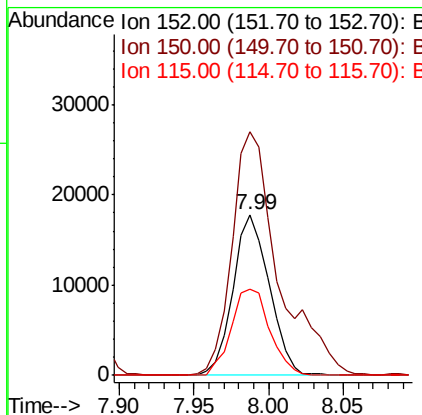
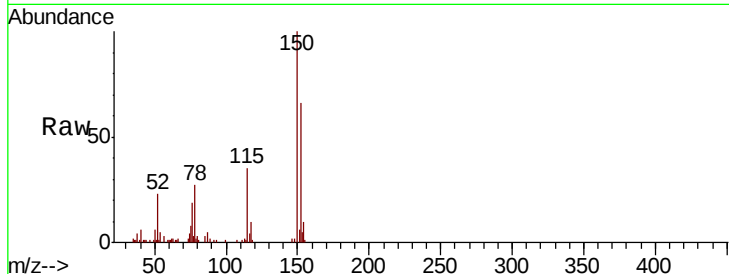
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Instrument :
BNA_G
ClientSampleId :
600429836MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.8	116.6	175.0
115	53.8	40.5	60.7

Manual Integrations
APPROVED

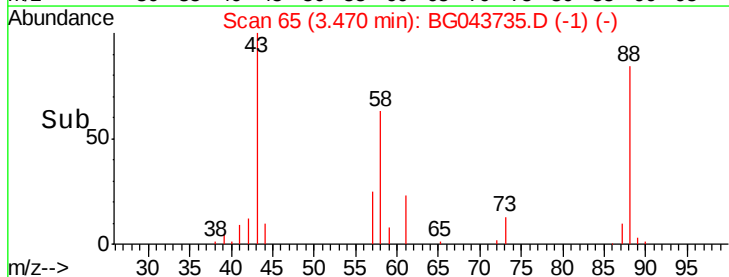
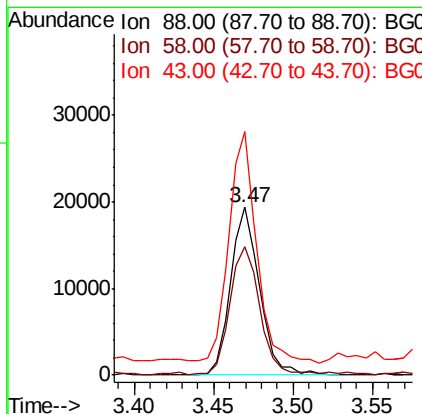
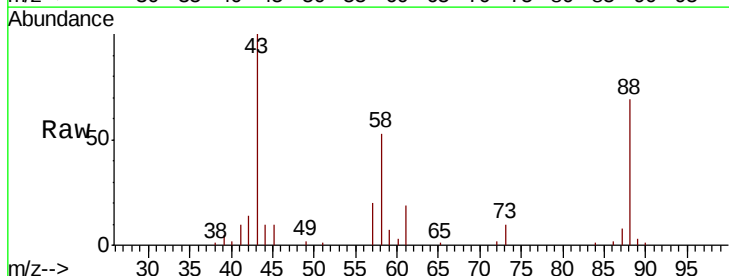
mohammad
11/21/2019 1:05:33 PM



#2

1,4-Dioxane
Concen: 38.198 ng
RT: 3.47 min Scan# 65
Delta R.T. 0.02 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.1	62.2	93.4
43	131.1	30.1	45.1#





#3

Pvridine

Concen: 40.986 ng

RT: 3.87 min Scan# 134

Delta R.T. 0.02 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

Instrument :

BNA_G

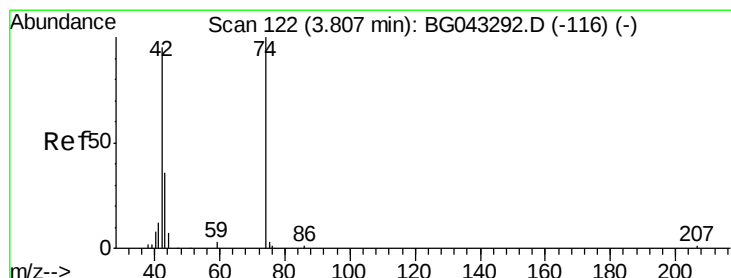
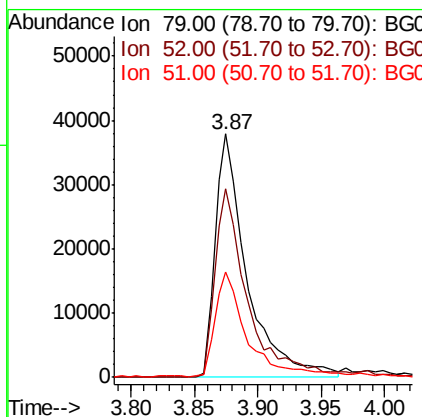
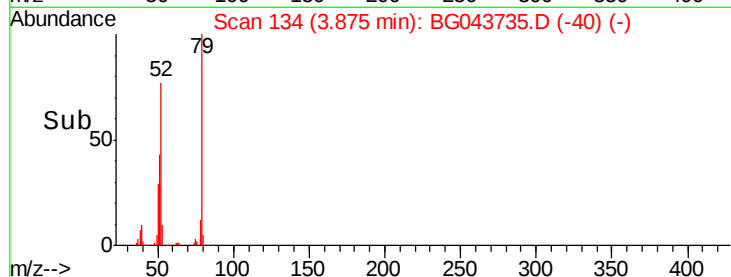
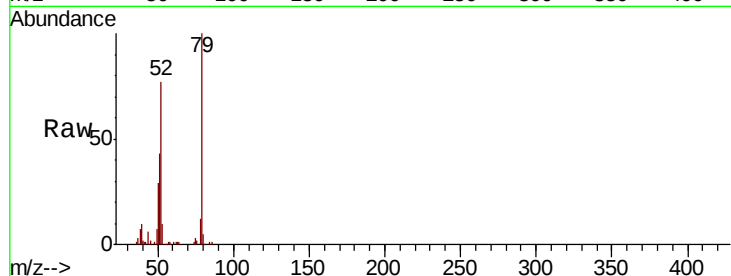
ClientSampleId :

600429836MS

Tot Ion:	79	Resp:	66376
Ion	Ratio	Lower	Upper
79	100		
52	77.4	63.2	94.8
51	43.4	34.5	51.7

Manual Integrations
APPROVED

mohammad
11/21/2019 1:05:33 PM



#4

n-Nitrosodimethylamine

Concen: 54.410 ng

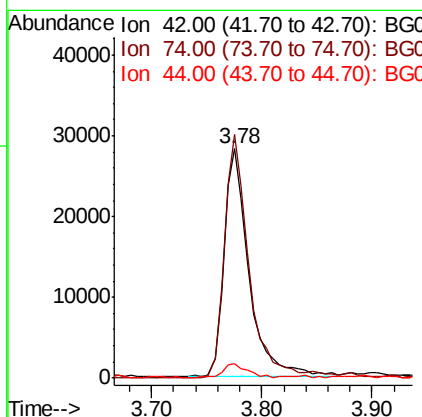
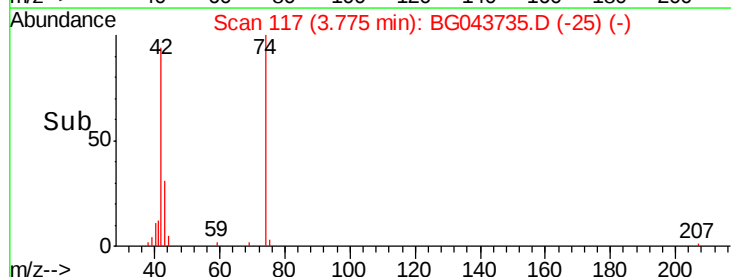
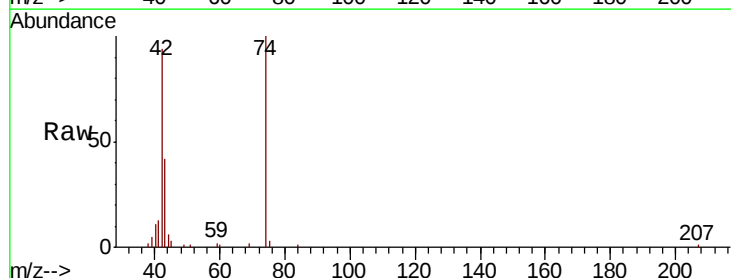
RT: 3.78 min Scan# 117

Delta R.T. 0.01 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

Tgt Ion:	42	Resp:	44464
Ion	Ratio	Lower	Upper
42	100		
74	106.2	83.0	124.6
44	6.1	4.4	6.6





#5

2-Fluorophenol

Concen: 147.855 ng

RT: 5.58 min Scan# 425

Delta R.T. 0.00 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

Instrument :

BNA_G

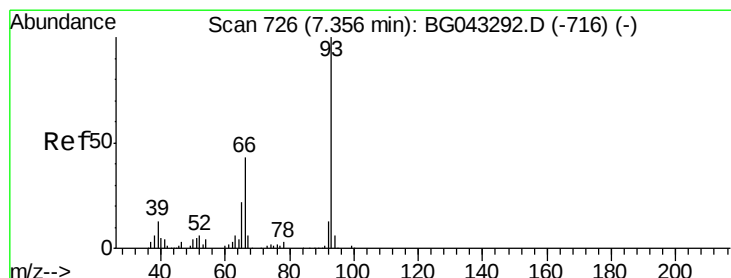
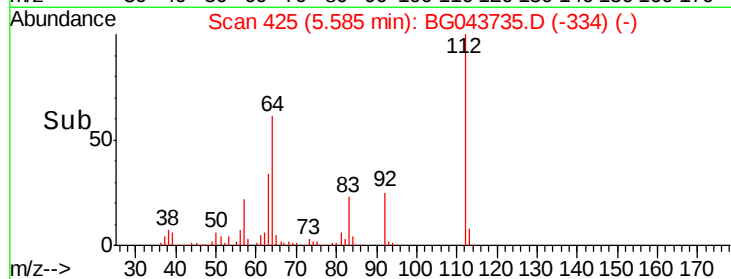
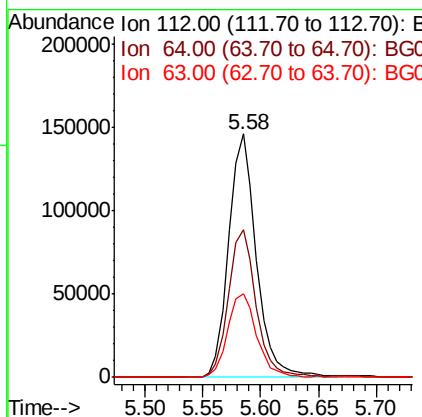
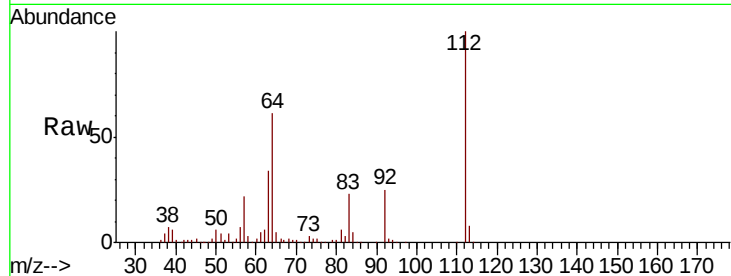
ClientSampleId :

600429836MS

Tot Ion:	112	Resp:	243587
Ion Ratio	Lower	Upper	
112	100		
64	60.6	50.6	75.8
63	34.3	30.5	45.7

Manual Integrations
APPROVED

mohammad
11/21/2019 1:05:33 PM



#6

Aniline

Concen: 6.904 ng

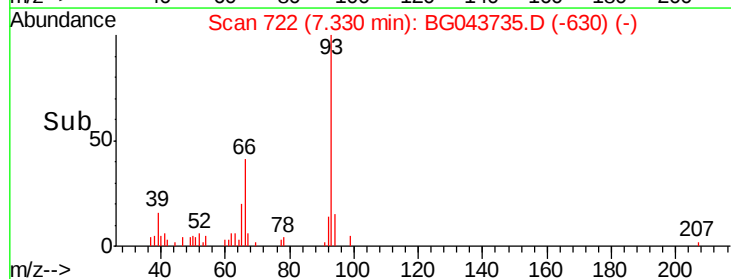
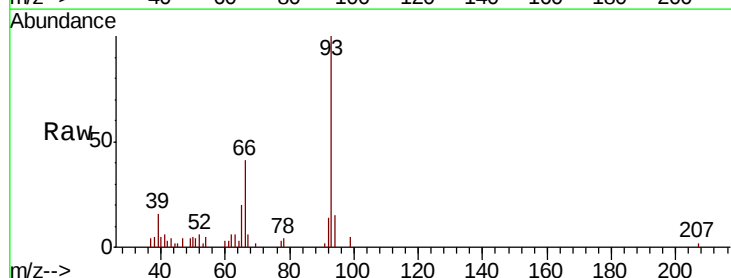
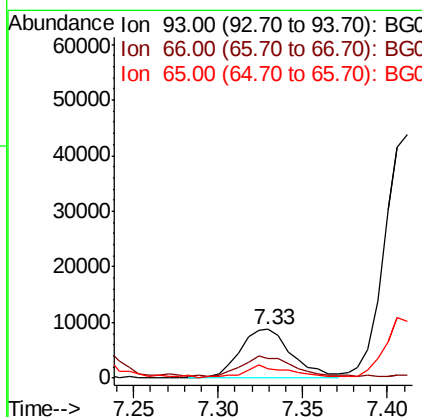
RT: 7.33 min Scan# 722

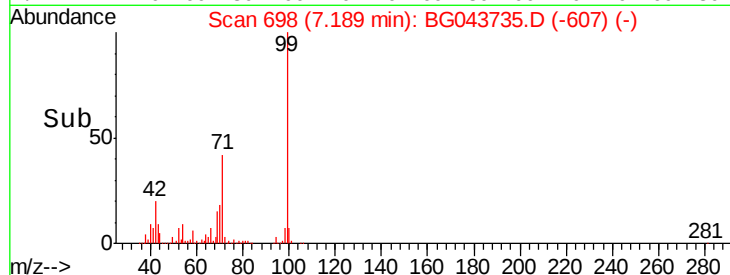
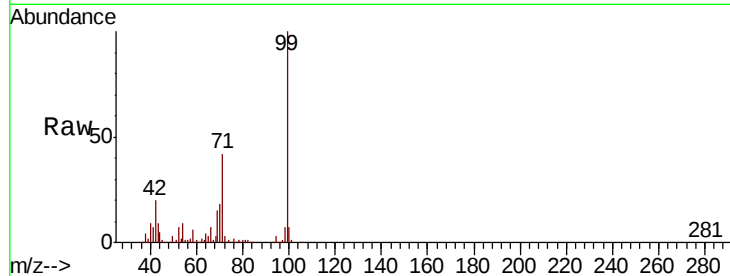
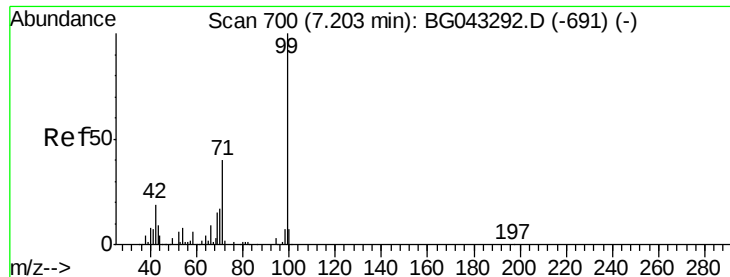
Delta R.T. 0.01 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

Tgt Ion:	93	Resp:	18852
Ion Ratio	Lower	Upper	
93	100		
66	40.6	35.4	53.2
65	20.4	17.1	25.7





#7

Phenol-d6

Concen: 144.073 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

Tot Ion:	99	Resp:	341498
Ion Ratio	Lower	Upper	
99	100		
42	19.7	15.8	23.8
71	41.8	34.4	51.6

Instrument :

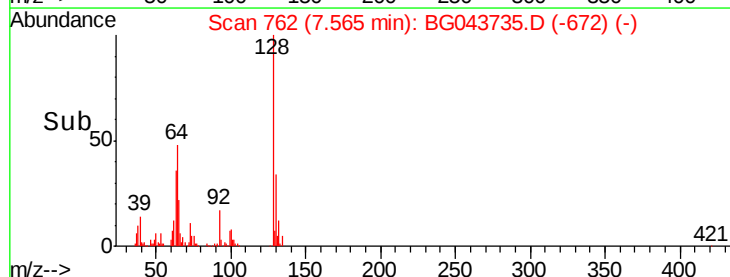
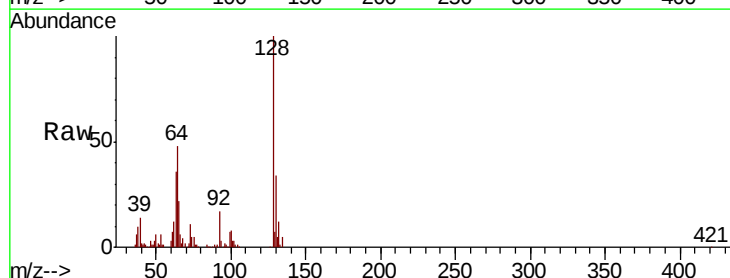
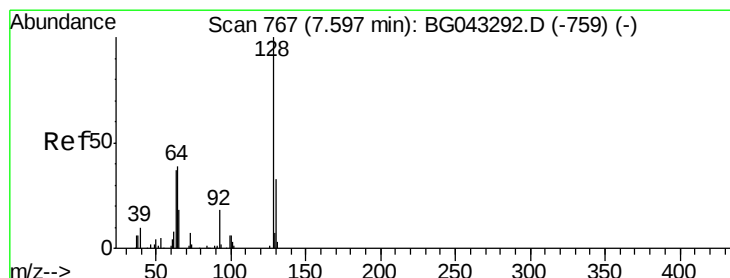
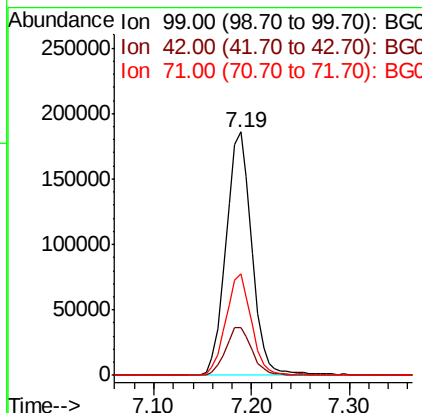
BNA_G

ClientSampleId :

600429836MS

Manual Integrations
APPROVED

mohammad
11/21/2019 1:05:33 PM



#8

2-Chlorophenol

Concen: 50.138 ng

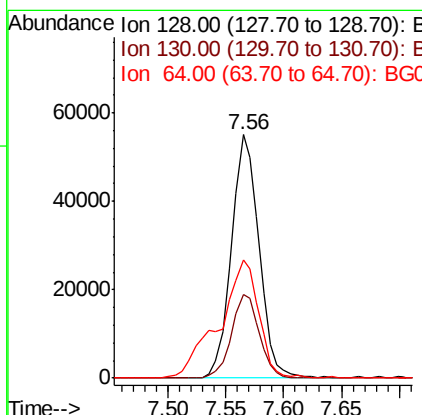
RT: 7.56 min Scan# 762

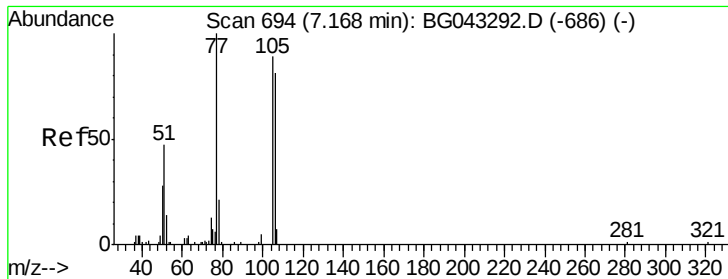
Delta R.T. -0.00 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

Tgt Ion:	128	Resp:	91181
Ion Ratio	Lower	Upper	
128	100		
130	34.1	14.5	54.5
64	48.5	29.2	69.2





#9

Benzaldehyde

Concen: 11.776 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

Instrument :

BNA_G

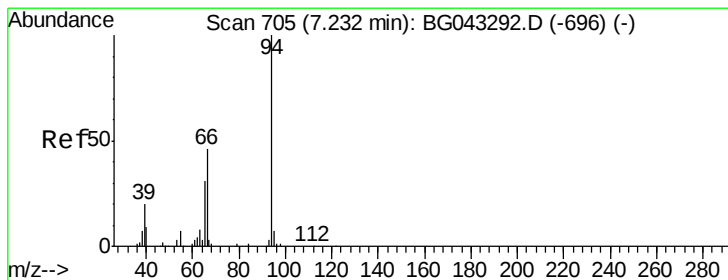
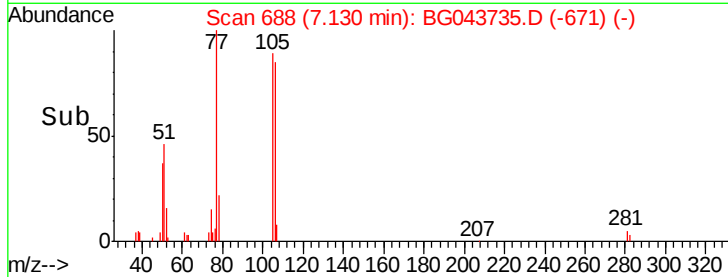
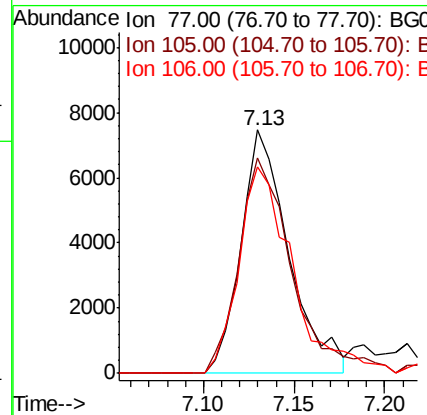
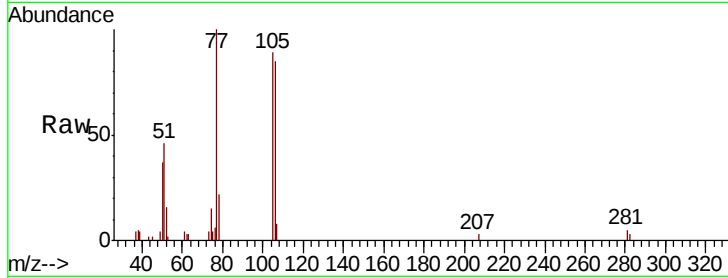
ClientSampleId :

600429836MS

Tot Ion:	77	Resp:	13717
Ion	Ratio	Lower	Upper
77	100		
105	88.6	84.9	124.9
106	84.8	75.1	115.1

Manual Integrations
APPROVED

mohammad
11/21/2019 1:05:33 PM



#10

Phenol

Concen: 51.493 ng

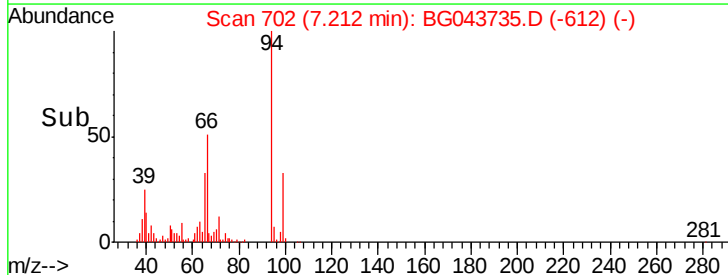
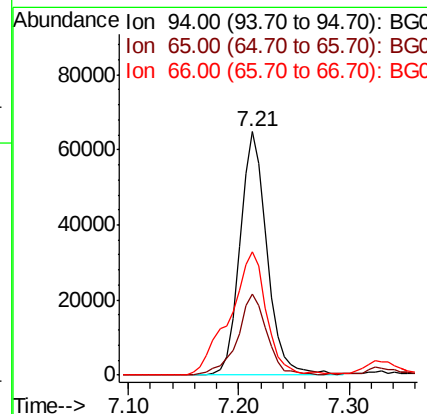
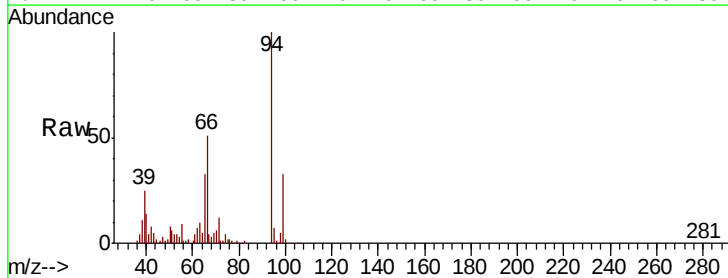
RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

Tgt Ion:	94	Resp:	111534
Ion	Ratio	Lower	Upper
94	100		
65	33.3	11.4	51.4
66	50.5	28.4	68.4





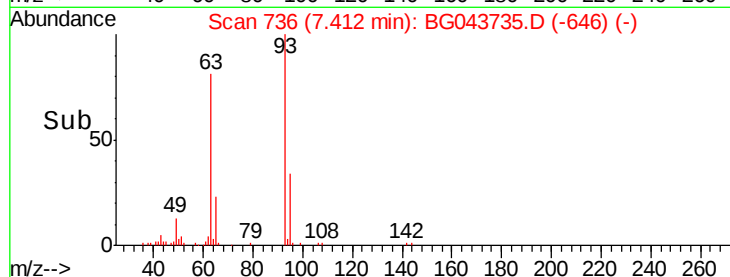
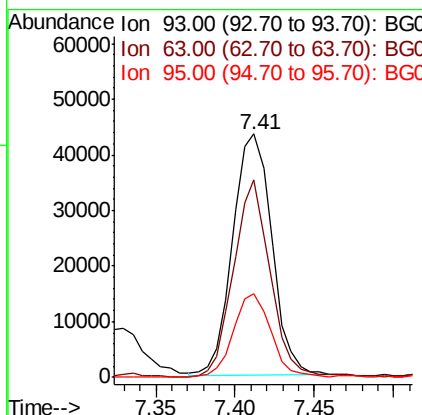
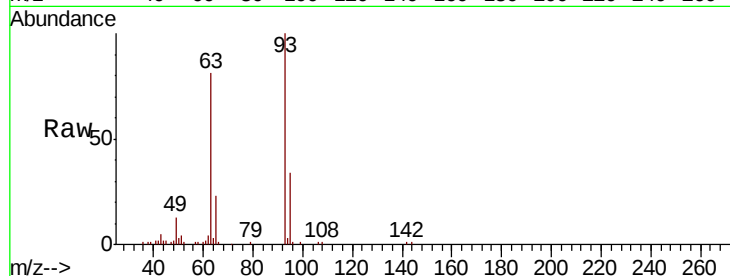
#11
 bis(2-Chloroethyl)ether
 Concen: 44.631 ng
 RT: 7.41 min Scan# 736
 Delta R.T. -0.00 min
 Lab File: BG043735.D
 Acq: 20 Nov 2019 19:47

Instrument :
 BNA_G
 ClientSampleId :
 600429836MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.0	54.9	94.9
95	34.2	7.2	47.2

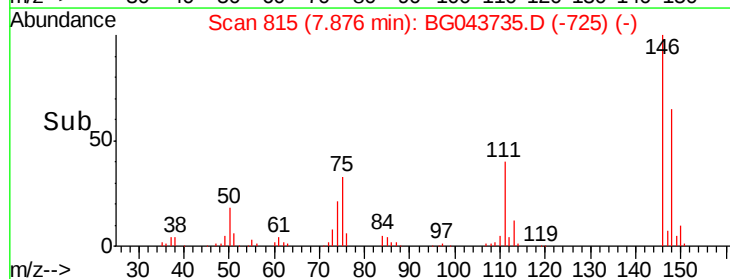
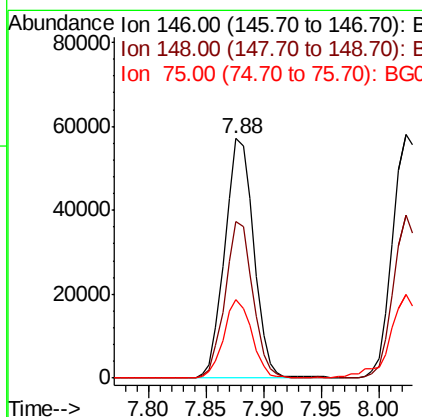
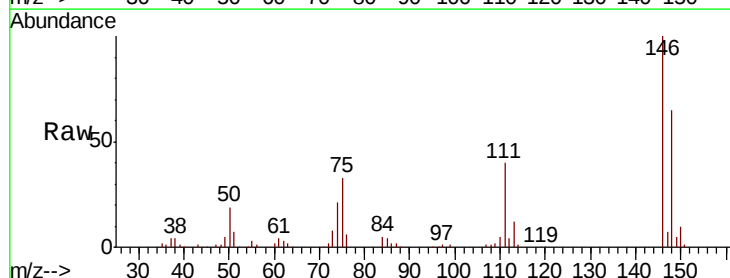
Manual Integrations
 APPROVED

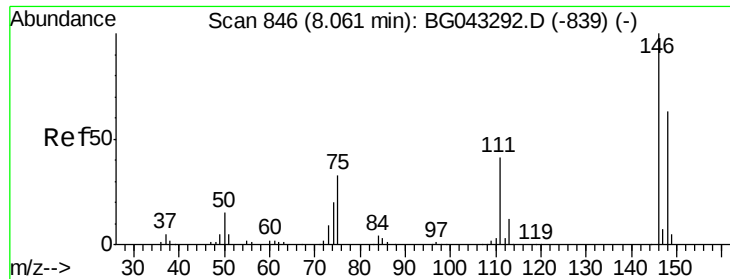
mohammad
 11/21/2019 1:05:33 PM



#12
 1,3-Dichlorobenzene
 Concen: 43.662 ng
 RT: 7.88 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BG043735.D
 Acq: 20 Nov 2019 19:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.4	77.2
75	32.9	26.2	39.2





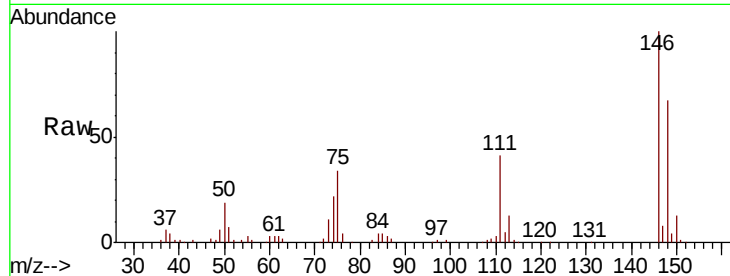
#13
1,4-Dichlorobenzene
Concen: 43.313 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Instrument :
BNA_G
ClientSampleId :
600429836MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.1	51.0	76.6
111	40.8	34.3	51.5

Manual Integrations
APPROVED

mohammad
11/21/2019 1:05:33 PM

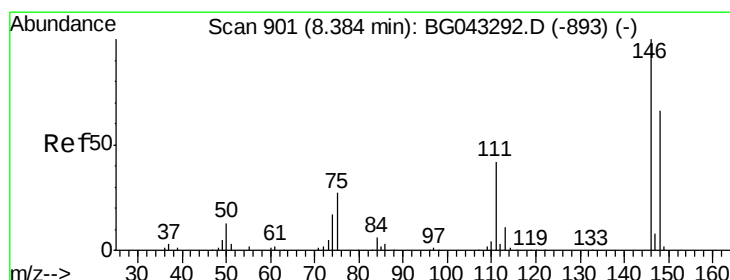
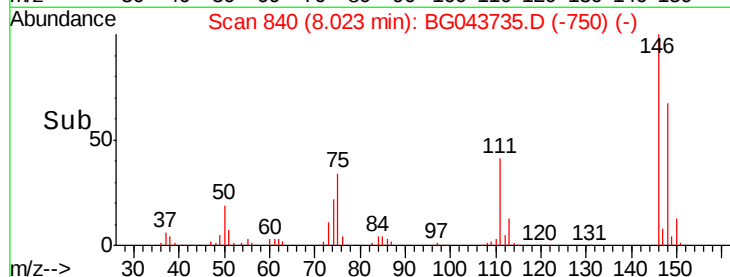
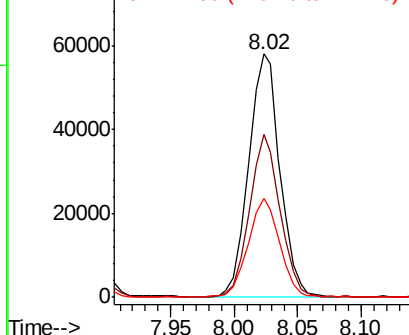


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 43.413 ng
RT: 8.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

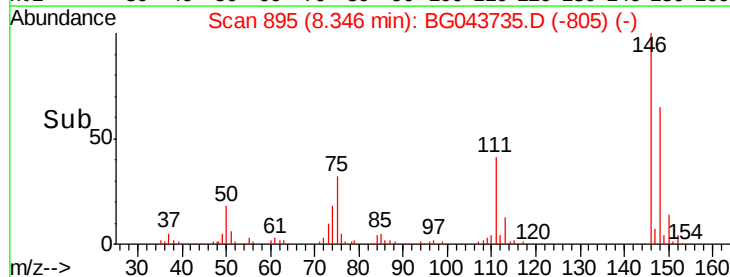
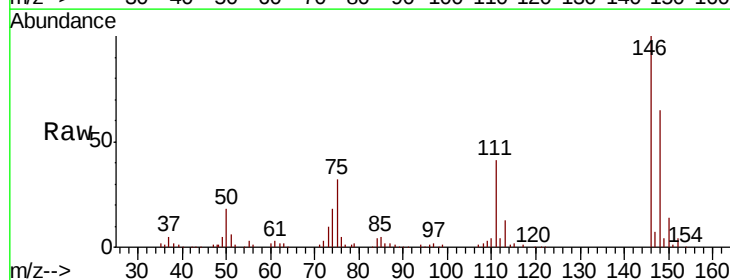
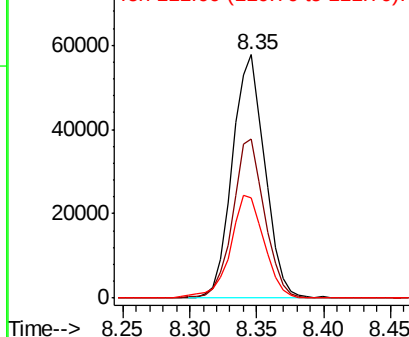
Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	53.4	80.2
111	41.2	35.3	52.9

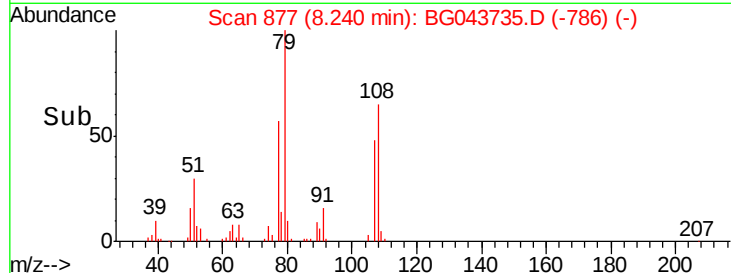
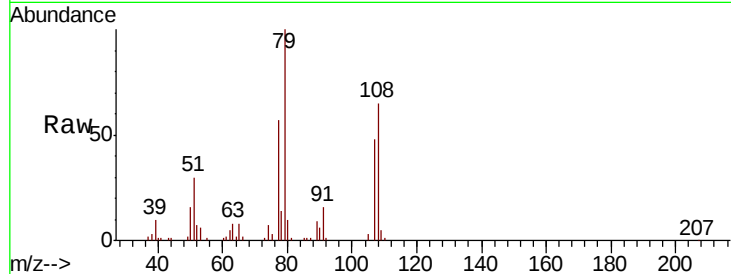
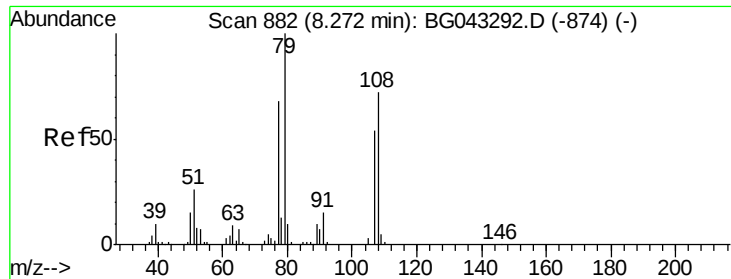
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





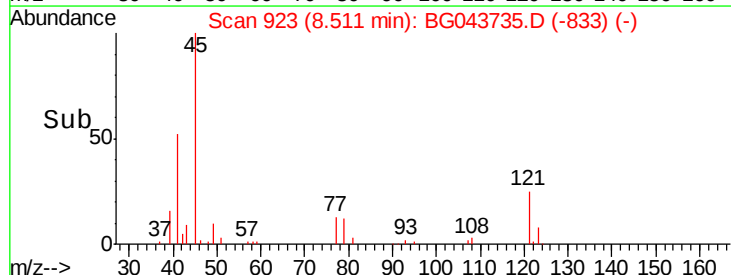
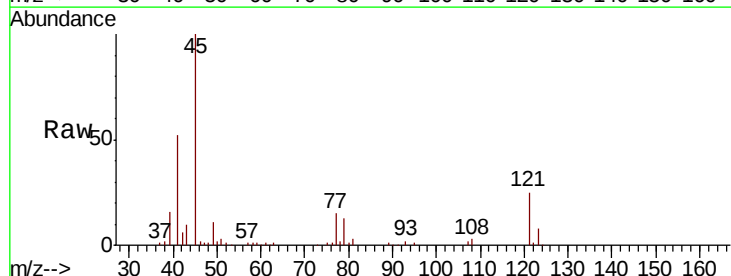
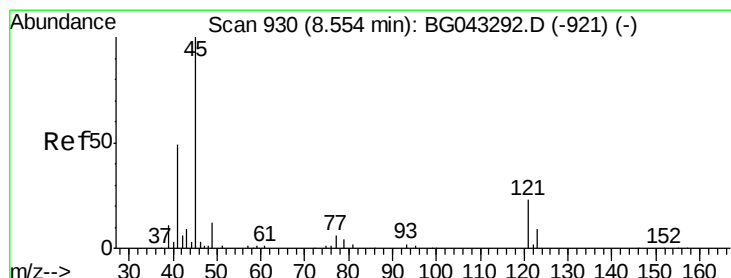
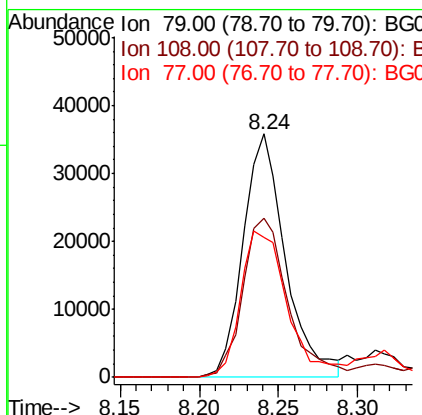
#15
Benzyl Alcohol
Concen: 39.894 ng
RT: 8.24 min Scan# 877
Delta R.T. 0.00 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
108	65.3	56.0	84.0		
77	57.3	47.9	71.9		

Instrument :
BNA_G
ClientSampleId :
600429836MS

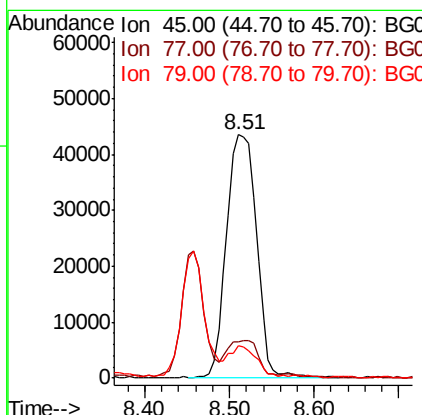
Manual Integrations
APPROVED

mohammad
11/21/2019 1:05:33 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.943 ng
RT: 8.51 min Scan# 923
Delta R.T. -0.00 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100				
77	15.1	0.0	35.2		
79	13.1	0.0	32.4		





#17

2-Methylphenol

Concen: 50.357 ng

RT: 8.46 min Scan# 914

Delta R.T. 0.00 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

Instrument :

BNA_G

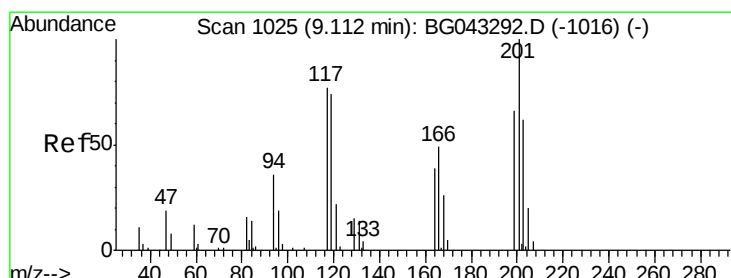
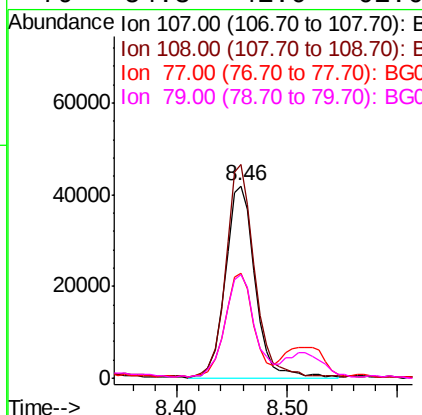
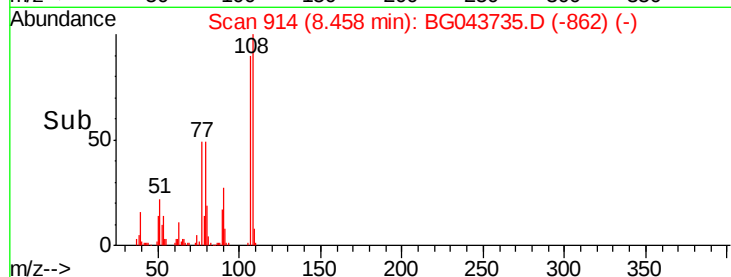
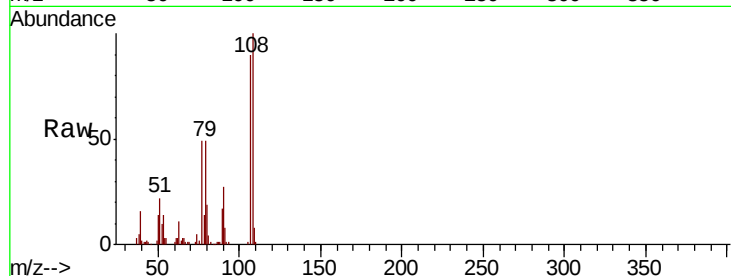
ClientSampleId :

600429836MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.1	84.7	127.1	
77	54.4	46.2	69.4	
79	54.3	41.0	61.6	

Manual Integrations
APPROVED

mohammad
11/21/2019 1:05:33 PM



#18

Hexachloroethane

Concen: 42.075 ng

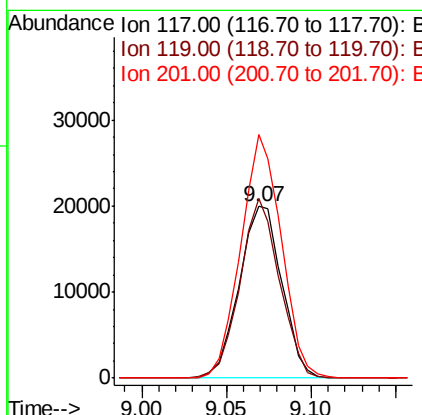
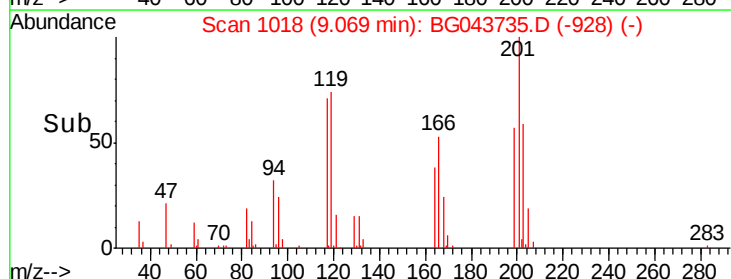
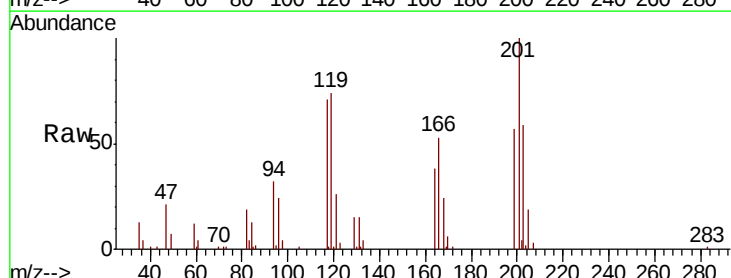
RT: 9.07 min Scan# 1018

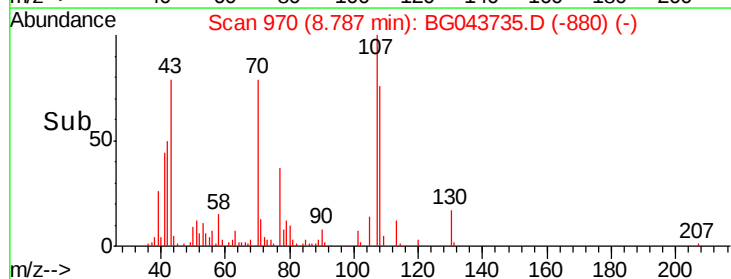
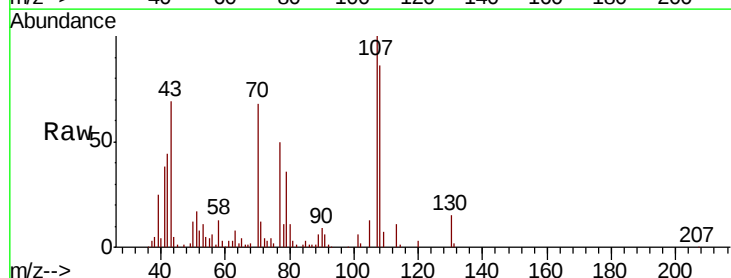
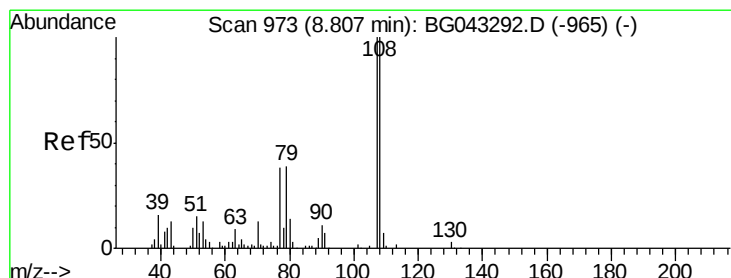
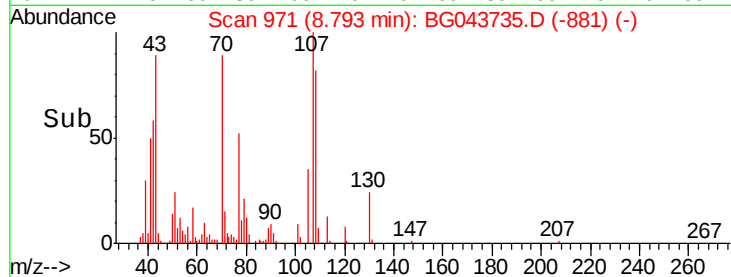
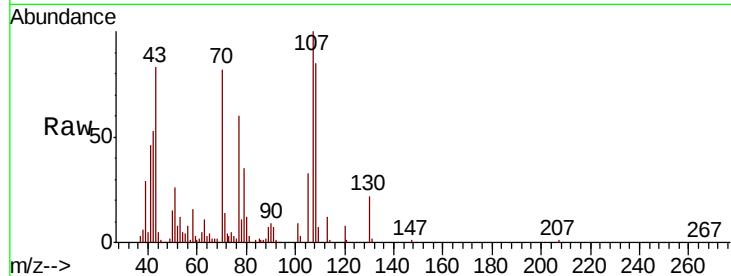
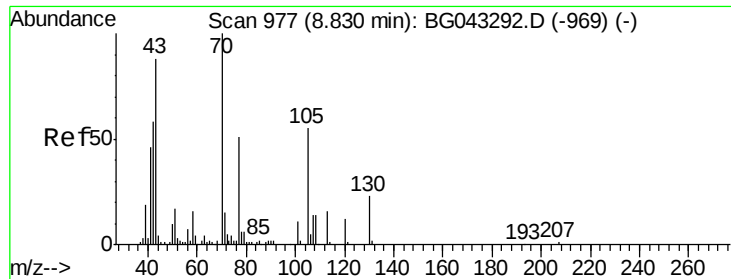
Delta R.T. -0.00 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	104.2	81.7	122.5	
201	141.8	98.6	147.8	





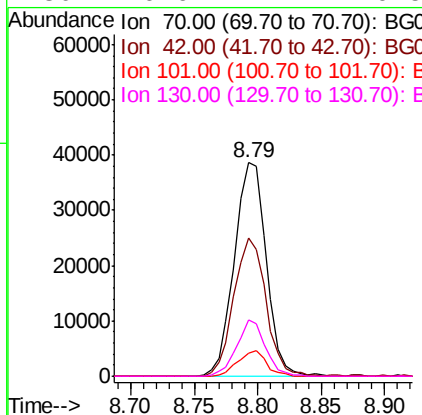
#19
n-Nitroso-di-n-propylamine
Concen: 43.928 ng
RT: 8.79 min Scan# 971
Delta R.T. -0.00 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Instrument :
BNA_G
ClientSampleId :
600429836MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.5	49.7	74.5
101	10.6	9.7	14.5
130	26.6	17.7	26.5

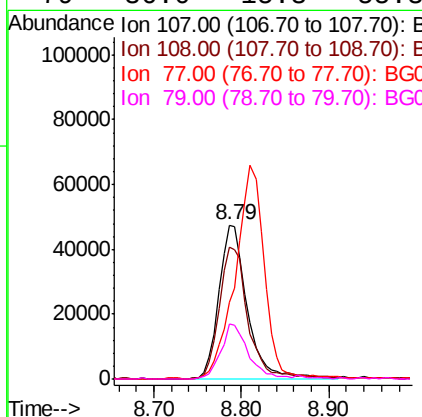
Manual Integrations
APPROVED

mohammad
11/21/2019 1:05:33 PM



#20
3+4-Methylphenols
Concen: 49.347 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.8	69.5	109.5
77	49.7	32.8	72.8
79	36.0	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: BG043735.D

Acq: 20 Nov 2019 19:47

Instrument :

BNA_G

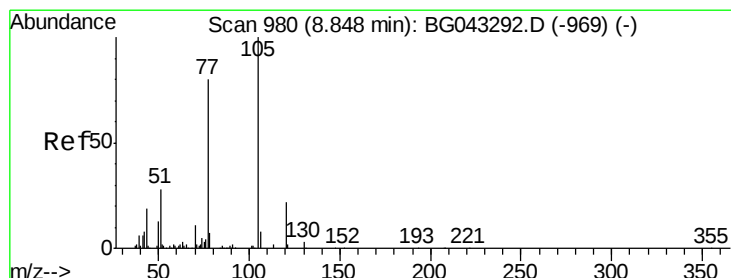
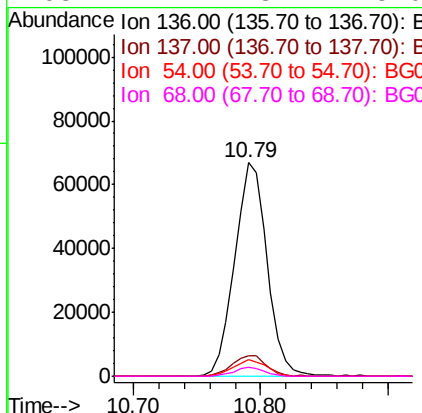
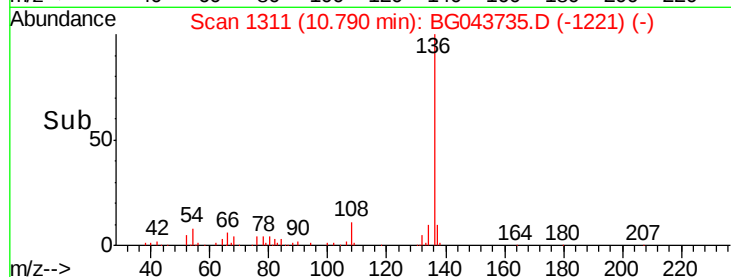
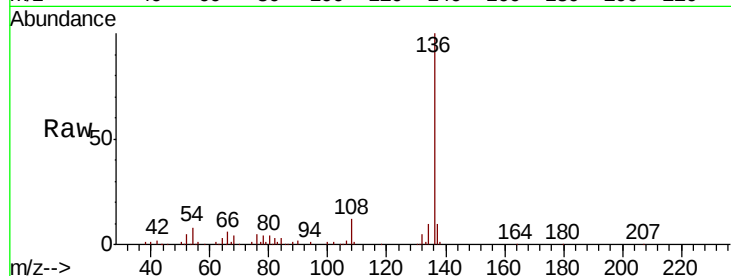
ClientSampleId :

600429836MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		118123		
137	9.7		8.8	13.2	
54	7.5		6.2	9.2	
68	4.2		3.4	5.0	

Manual Integrations
APPROVED

mohammad
11/21/2019 1:05:33 PM



#22

Acetophenone

Concen: 44.982 ng

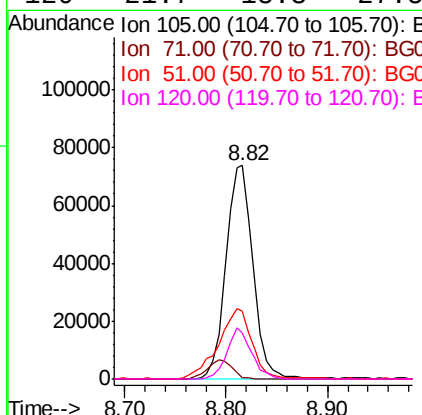
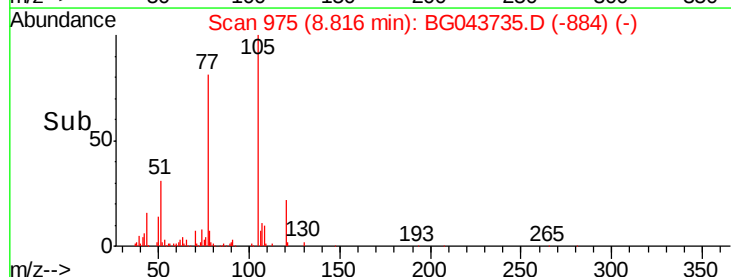
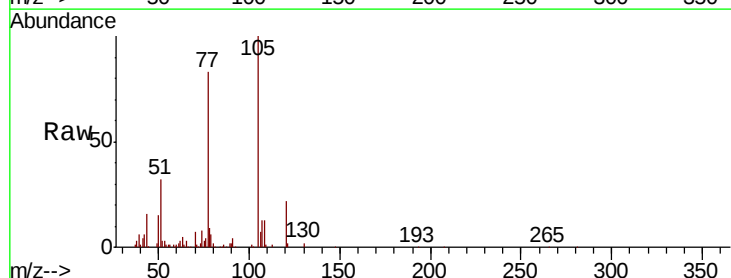
RT: 8.82 min Scan# 975

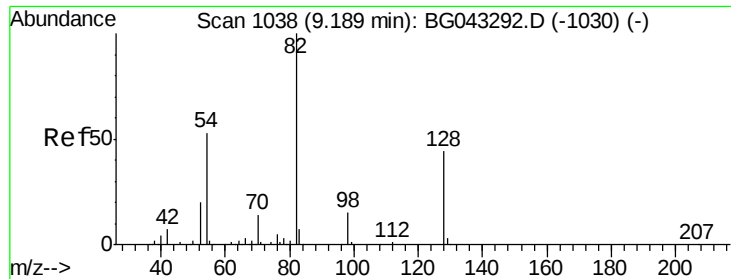
Delta R.T. 0.00 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		136071		
71	0.9		1.5	2.3#	
51	31.8		25.0	37.6	
120	21.7		18.3	27.5	





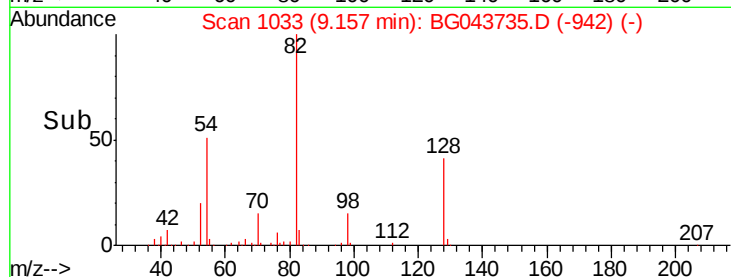
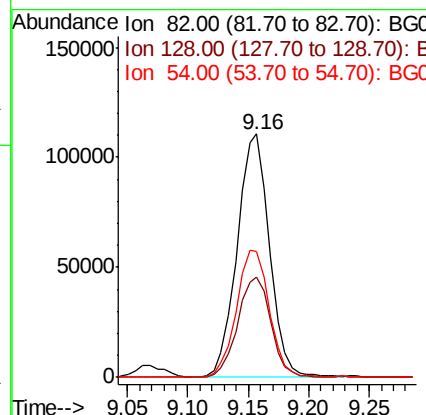
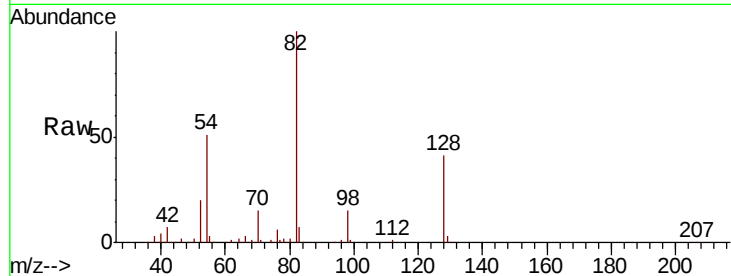
#23
Nitrobenzene-d5
Concen: 90.315 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Instrument :
BNA_G
ClientSampleId :
600429836MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	206932		
128	41.0		34.2	51.4
54	51.4		44.7	67.1

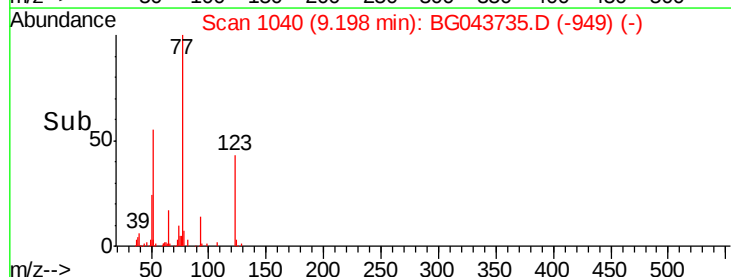
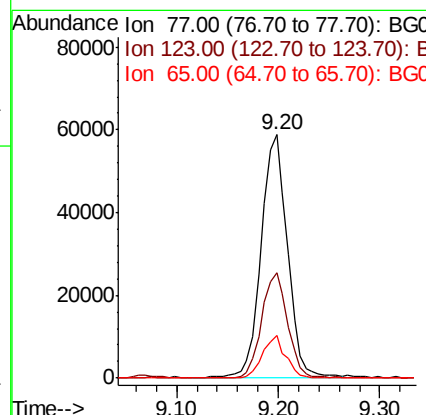
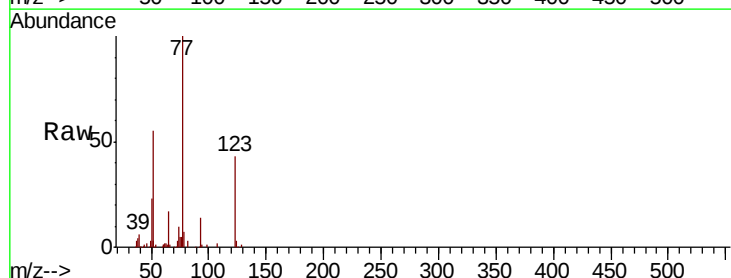
Manual Integrations
APPROVED

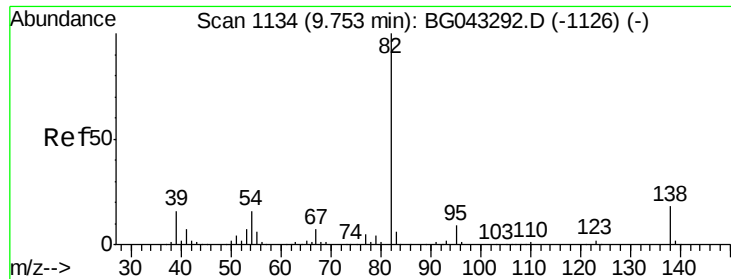
mohammad
11/21/2019 1:05:33 PM



#24
Nitrobenzene
Concen: 48.714 ng
RT: 9.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	106326		
123	43.2		33.6	50.4
65	17.4		12.9	19.3





#25

Isophorone

Concen: 45.912 ng

RT: 9.72 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

Instrument :

BNA_G

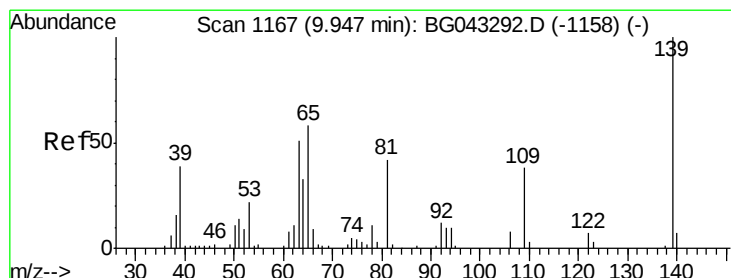
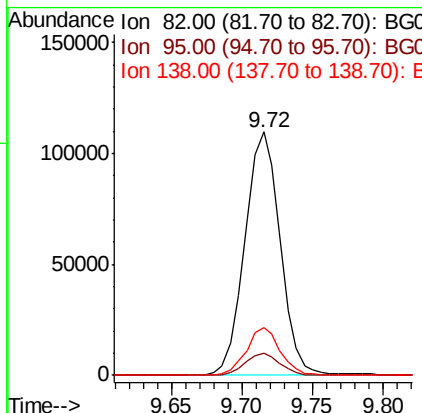
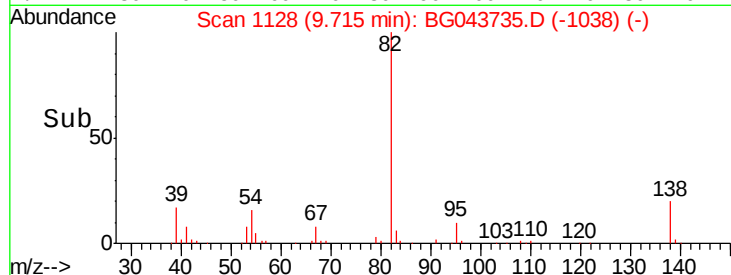
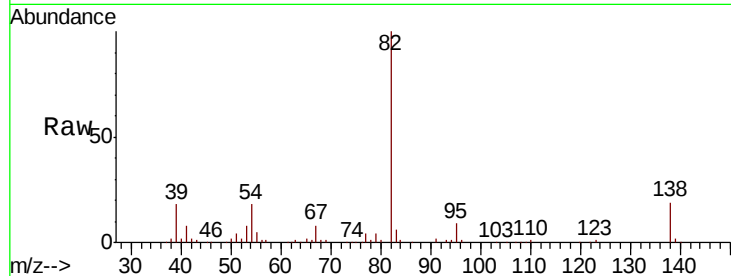
ClientSampleId :

600429836MS

Tot Ion:	82	Resp:	192324
Ion Ratio	Lower	Upper	
82	100		
95	9.3	7.4	11.0
138	19.4	15.1	22.7

Manual Integrations
APPROVED

mohammad
11/21/2019 1:05:33 PM



#26

2-Nitrophenol

Concen: 50.931 ng

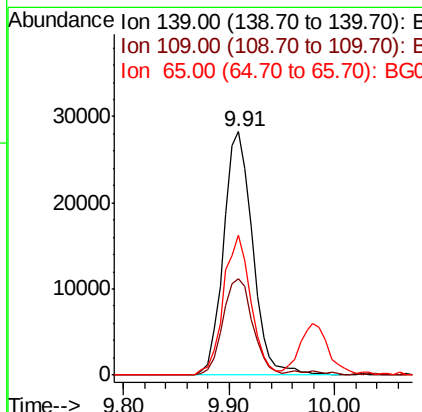
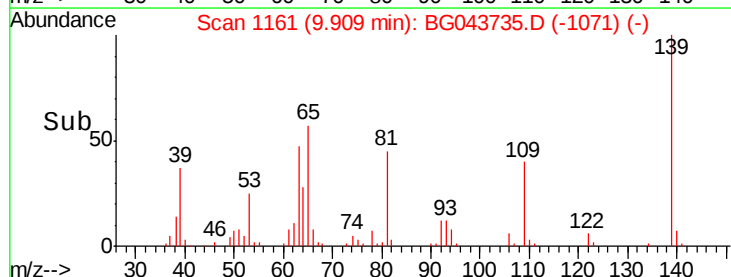
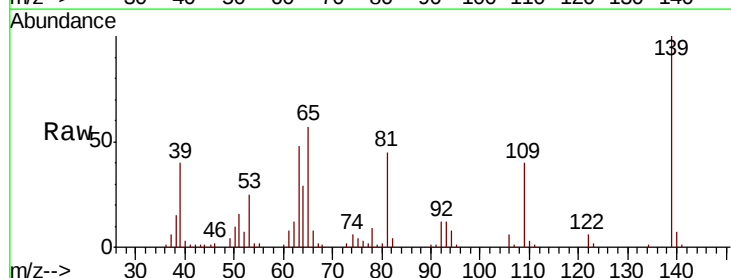
RT: 9.91 min Scan# 1161

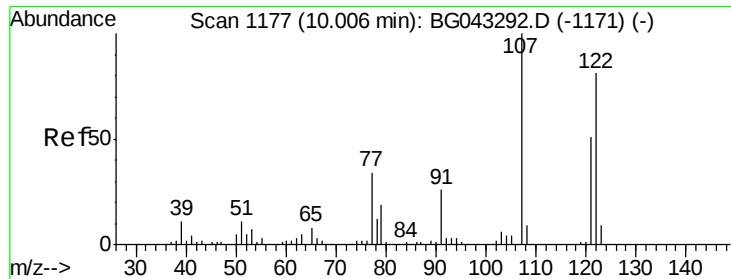
Delta R.T. -0.00 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

Tgt Ion:	139	Resp:	53668
Ion Ratio	Lower	Upper	
139	100		
109	39.5	32.6	48.8
65	57.3	47.6	71.4





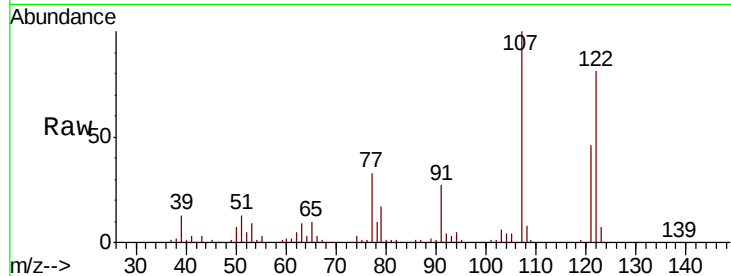
#27
2,4-Dimethylphenol
Concen: 57.658 ng
RT: 9.98 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Instrument :
BNA_G
ClientSampleId :
600429836MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	123.3	100.7	151.1
121	56.8	47.0	70.4

Manual Integrations
APPROVED

mohammad
11/21/2019 1:05:33 PM

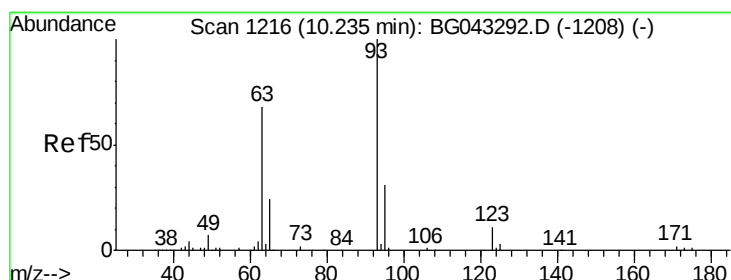
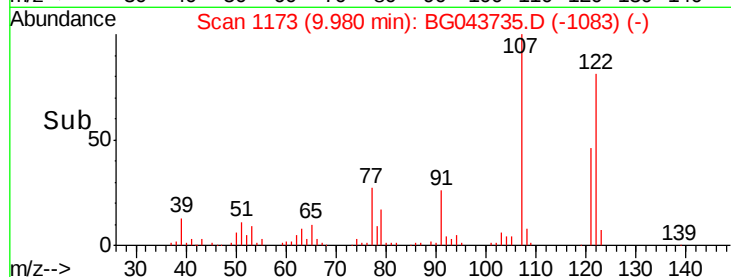
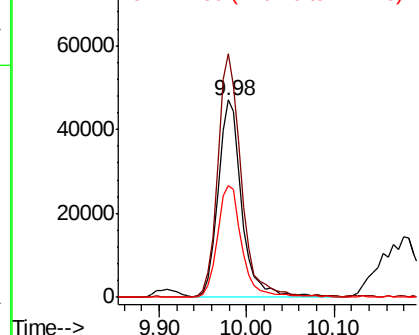


Abundance

Ion 122.00 (121.70 to 122.70): E

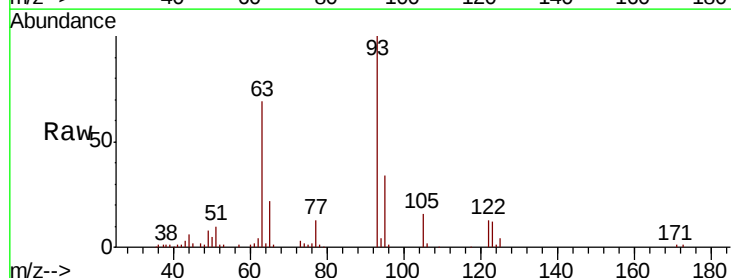
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 44.655 ng
RT: 10.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.9	27.5	41.3
123	12.0	10.7	16.1

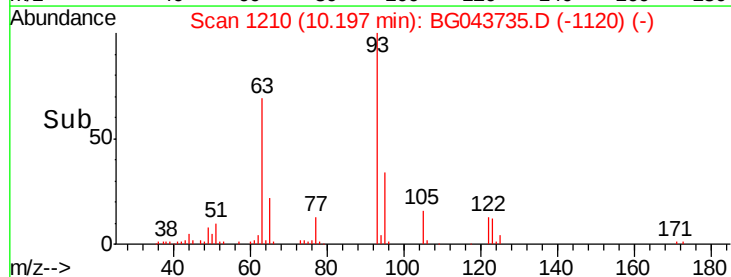
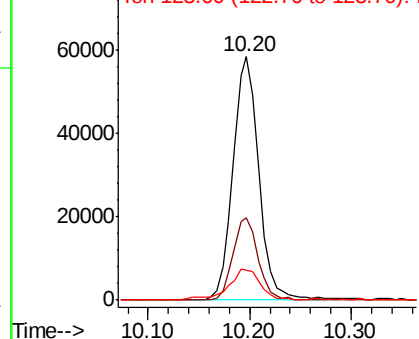


Abundance

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





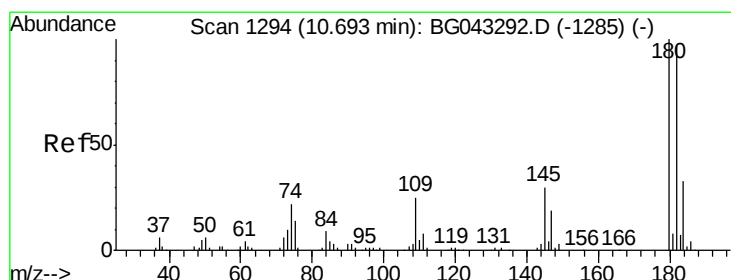
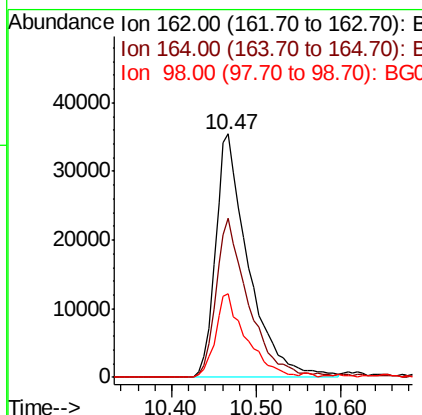
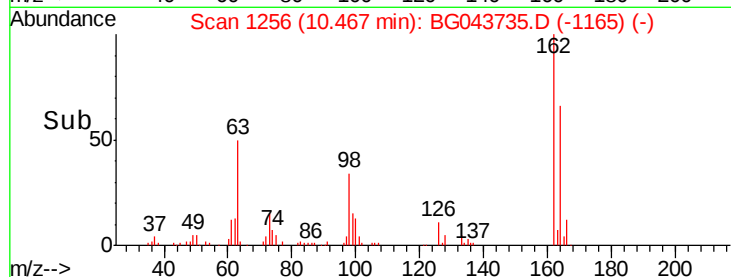
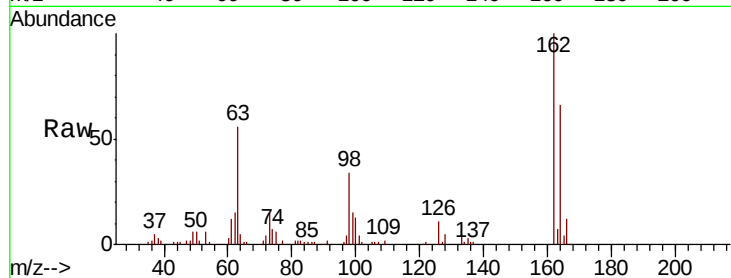
#29
 2,4-Dichlorophenol
 Concen: 49.521 ng
 RT: 10.47 min Scan# 1256
 Delta R.T. 0.00 min
 Lab File: BG043735.D
 Acq: 20 Nov 2019 19:47

Instrument :
 BNA_G
 ClientSampleId :
 600429836MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	65.6	45.4	85.4	
98	34.4	10.1	50.1	

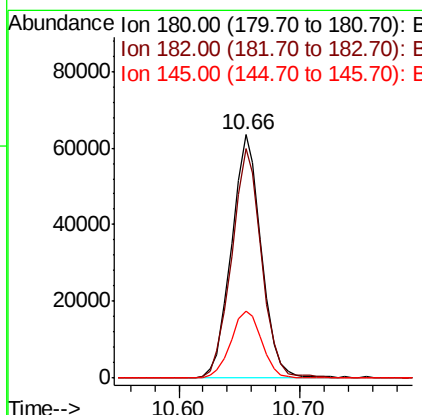
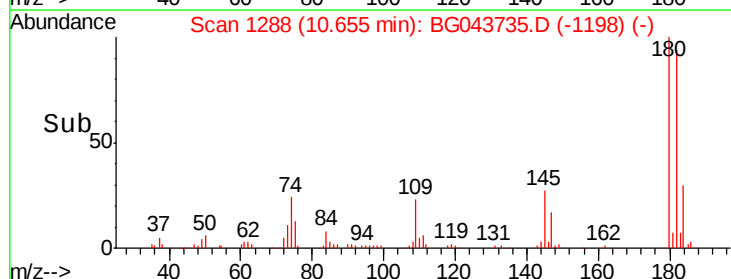
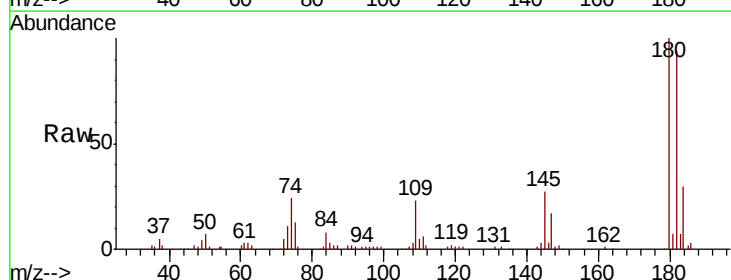
Manual Integrations
 APPROVED

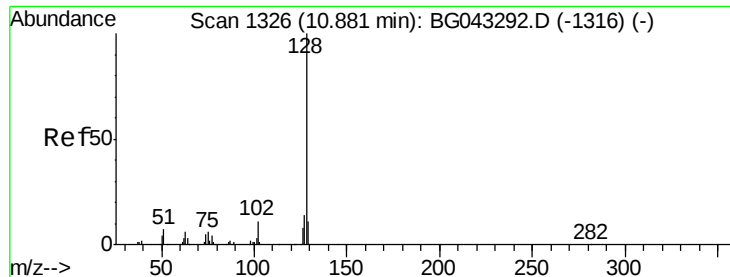
mohammad
 11/21/2019 1:05:33 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 44.714 ng
 RT: 10.66 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: BG043735.D
 Acq: 20 Nov 2019 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.3	74.5	111.7	
145	27.3	21.4	32.0	





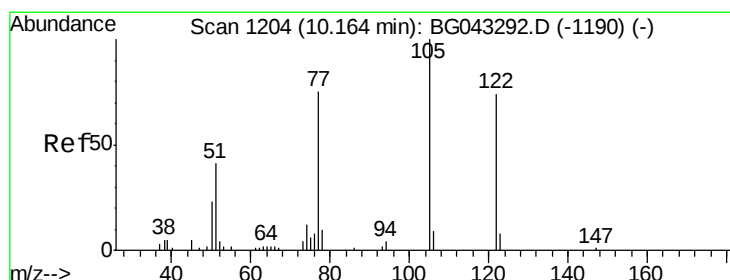
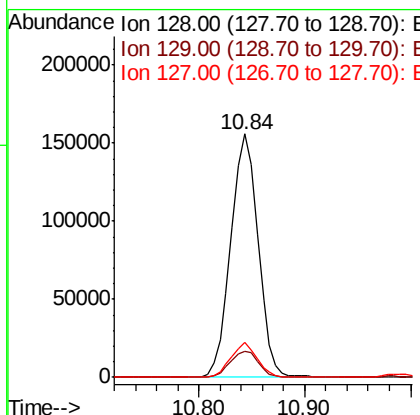
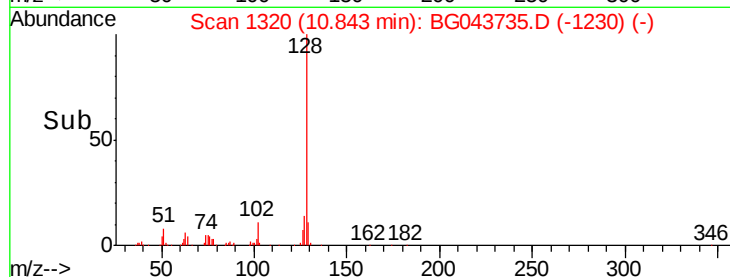
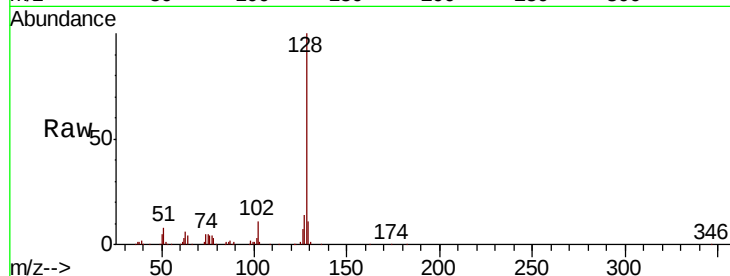
#31
Naphthalene
Concen: 46.564 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Instrument :
BNA_G
ClientSampleId :
600429836MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	279193		
129	10.6		9.5	14.3
127	14.2		11.0	16.4

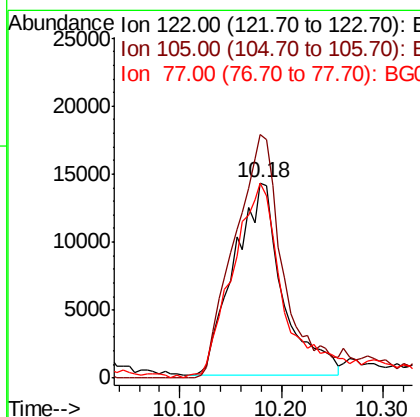
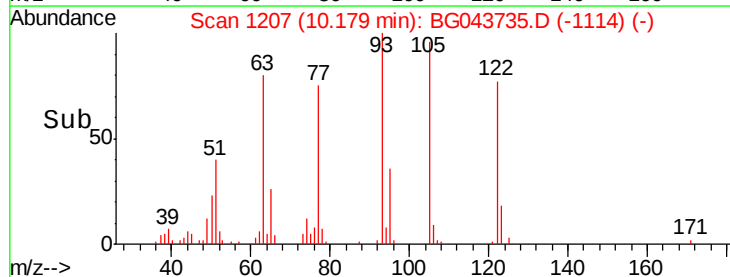
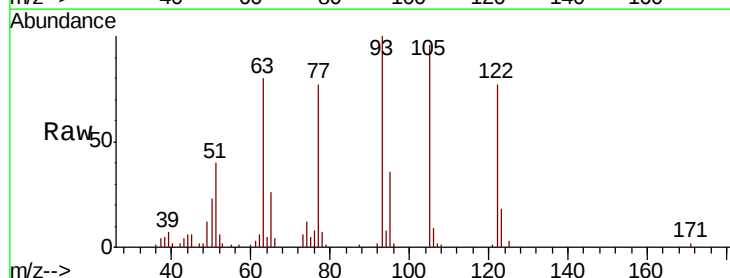
Manual Integrations
APPROVED

mohammad
11/21/2019 1:05:33 PM



#32
Benzoic acid
Concen: 42.024 ng
RT: 10.18 min Scan# 1207
Delta R.T. 0.02 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	46862		
105	124.5		101.8	141.8
77	99.6		86.8	126.8





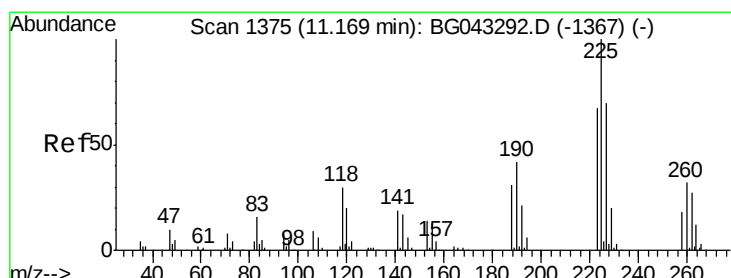
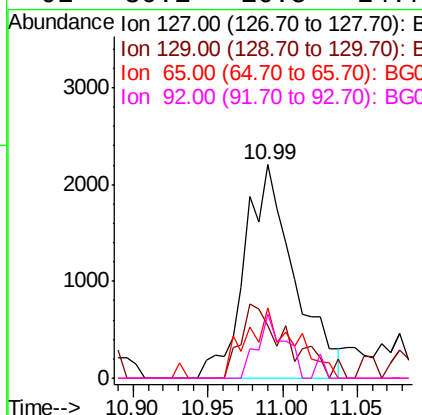
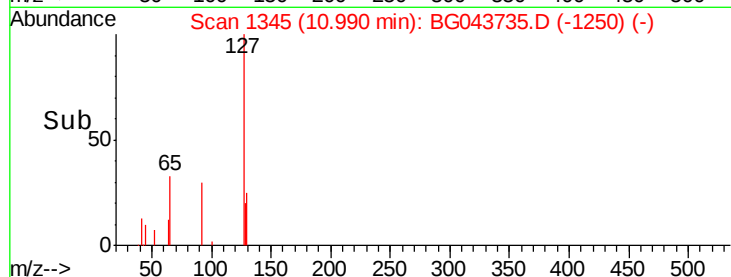
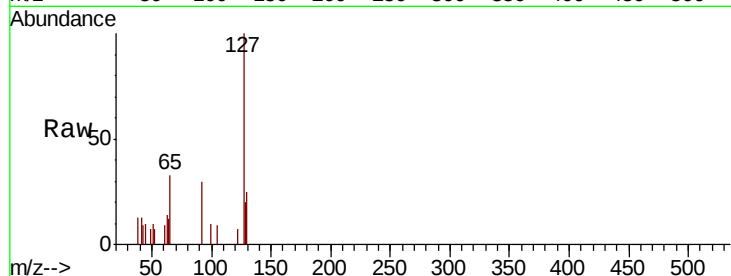
#33
4-Chloroaniline
Concen: 2.068 ng
RT: 10.99 min Scan# 1345
Delta R.T. 0.03 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Instrument :
BNA_G
ClientSampleId :
600429836MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	24.5	28.0	42.0#
65	32.8	28.3	42.5
92	30.1	16.5	24.7#

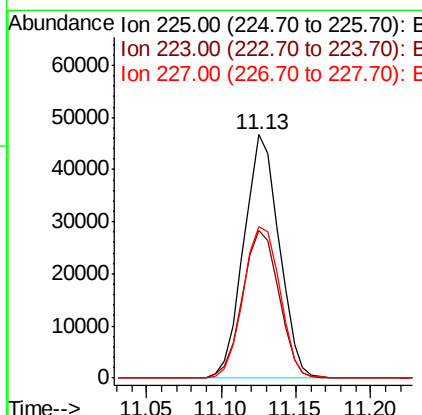
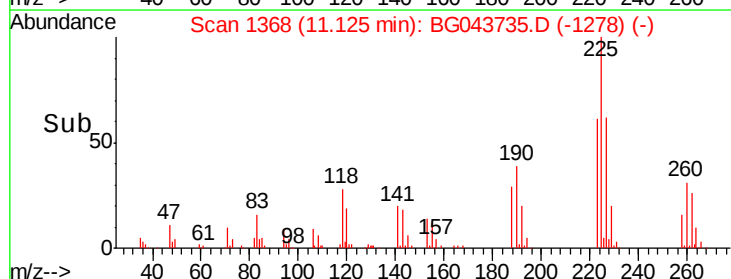
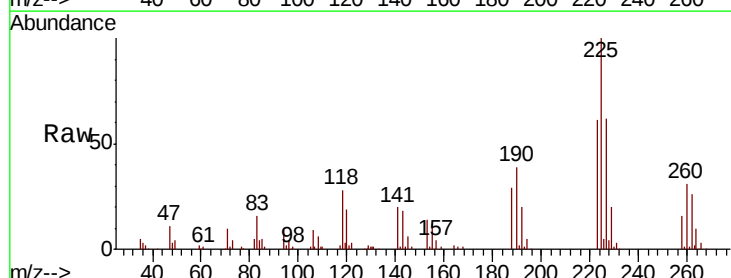
Manual Integrations
APPROVED

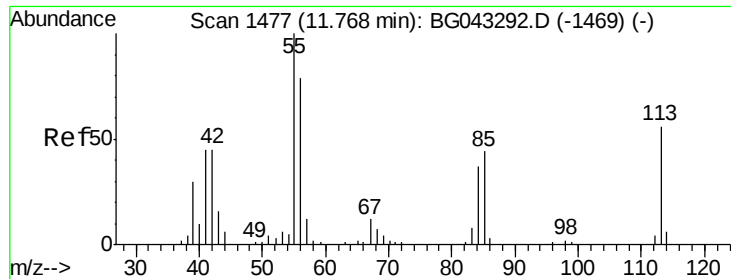
mohammad
11/21/2019 1:05:33 PM



#34
Hexachlorobutadiene
Concen: 42.300 ng
RT: 11.13 min Scan# 1368
Delta R.T. -0.00 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.9	48.6	73.0
227	62.4	49.1	73.7





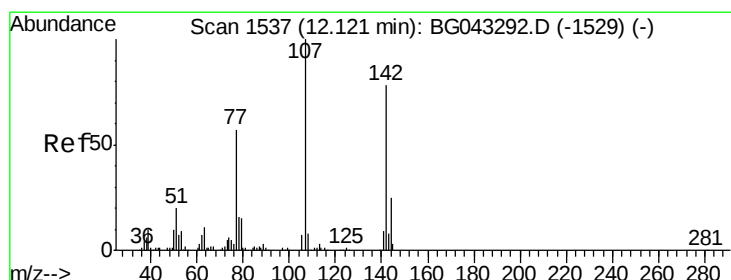
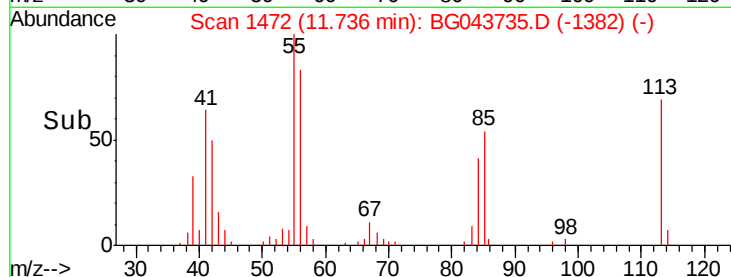
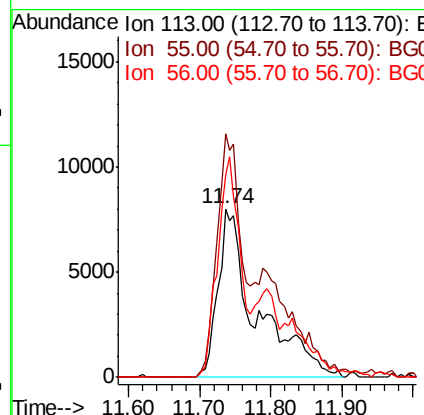
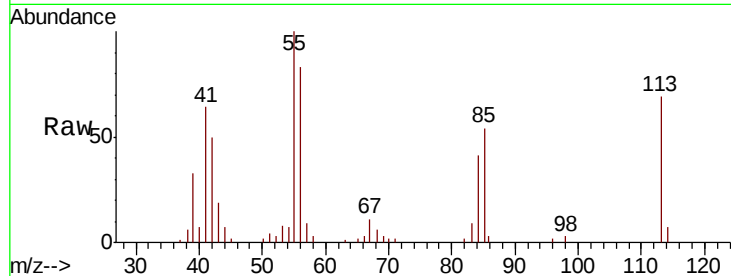
#35
Caprolactam
Concen: 45.382 ng/ml
RT: 11.74 min Scan# 1472
Delta R.T. -0.00 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Instrument :
BNA_G
ClientSampleId :
600429836MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	144.4	154.4	194.4		
56	120.2	112.9	152.9		

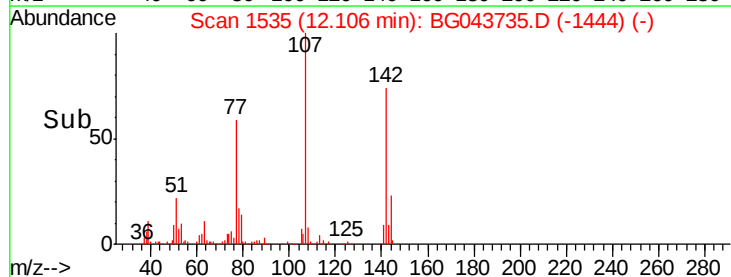
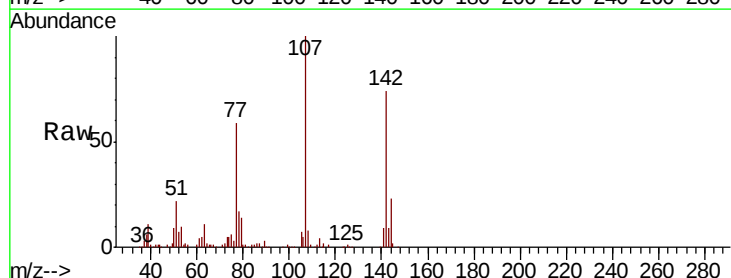
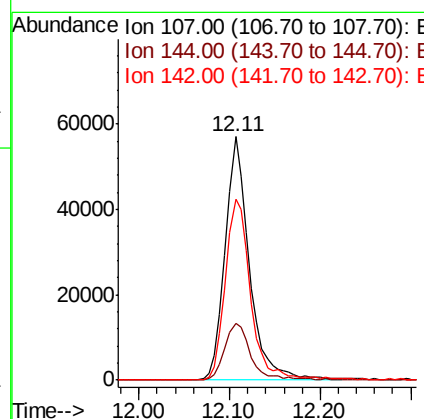
Manual Integrations
APPROVED

mohammad
11/21/2019 1:05:33 PM



#36
4-Chloro-3-methylphenol
Concen: 50.124 ng/ml
RT: 12.11 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	23.1	21.7	32.5		
142	74.3	67.2	100.8		





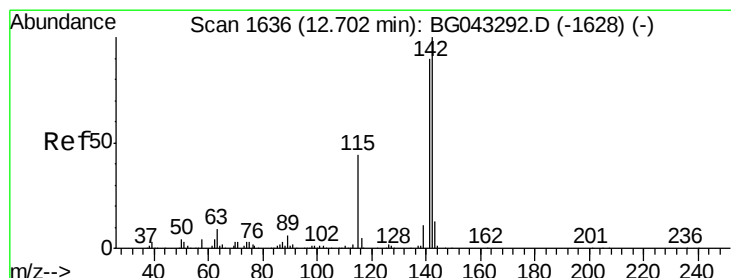
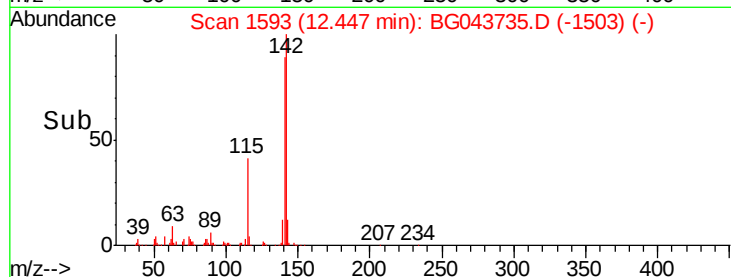
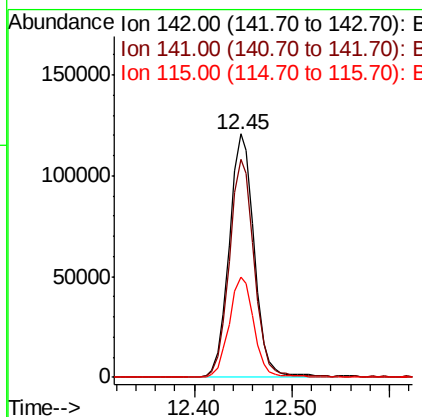
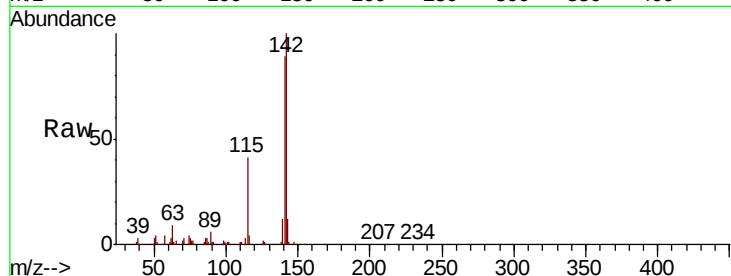
#37
2-Methylnaphthalene
Concen: 46.755 ng
RT: 12.45 min Scan# 1593
Delta R.T. -0.00 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Instrument :
BNA_G
ClientSampleId :
600429836MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.2	106.8
115	40.9	31.9	47.9

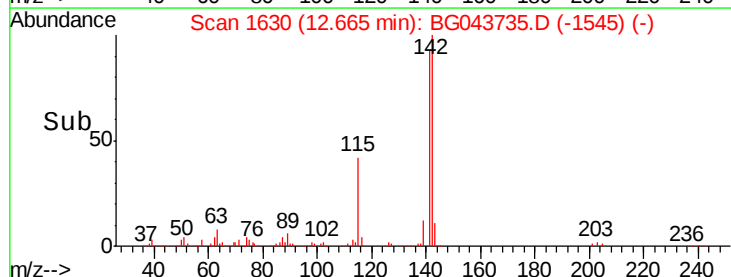
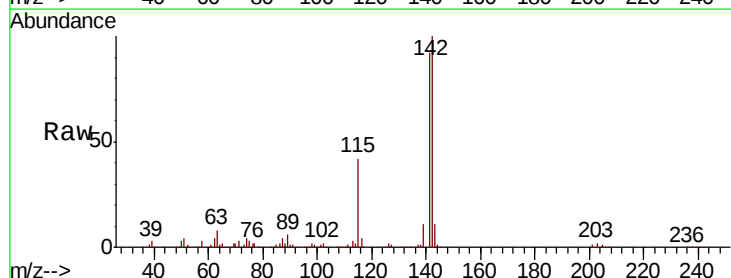
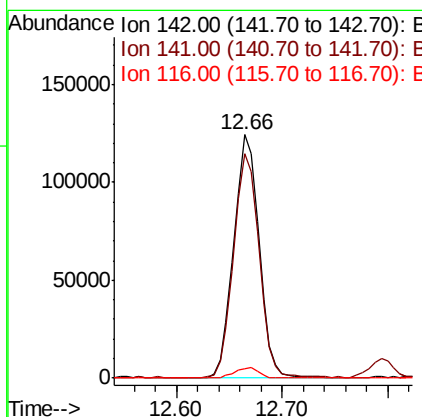
Manual Integrations
APPROVED

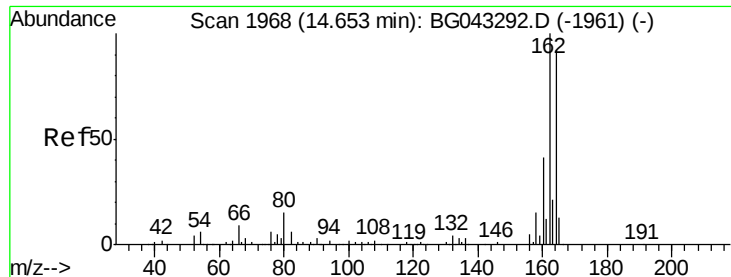
mohammad
11/21/2019 1:05:33 PM



#38
1-Methylnaphthalene
Concen: 47.118 ng
RT: 12.66 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	74.5	111.7
116	3.9	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: BG043735.D

Acq: 20 Nov 2019 19:47

Instrument :

BNA_G

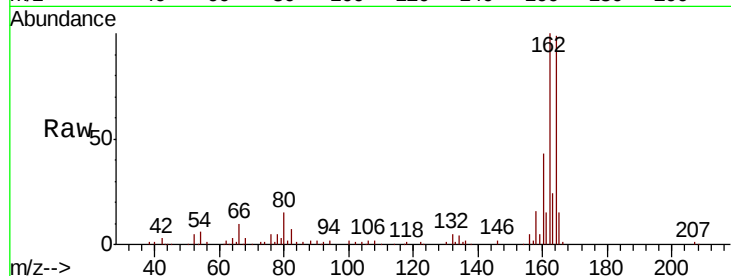
ClientSampleId :

600429836MS

Tot Ion:	164	Resp:	84257
Ion Ratio	Lower	Upper	
164	100		
162	101.1	79.4	119.2
160	43.5	36.3	54.5

Manual Integrations
APPROVED

mohammad
11/21/2019 1:05:33 PM

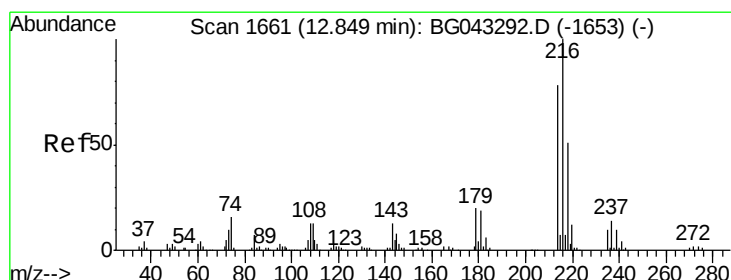
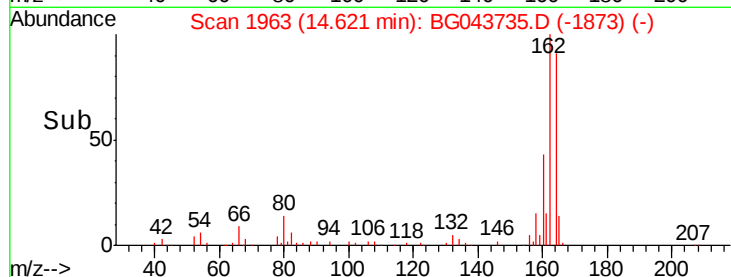
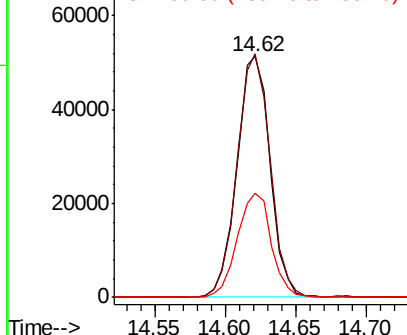


Abundance

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: 44.602 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

Tgt Ion:	216	Resp:	139079
Ion Ratio	Lower	Upper	
216	100		
214	78.8	62.8	94.2
179	20.0	16.5	24.7
108	17.3	12.7	19.1

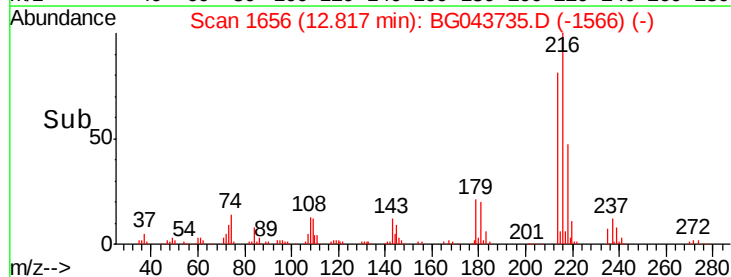
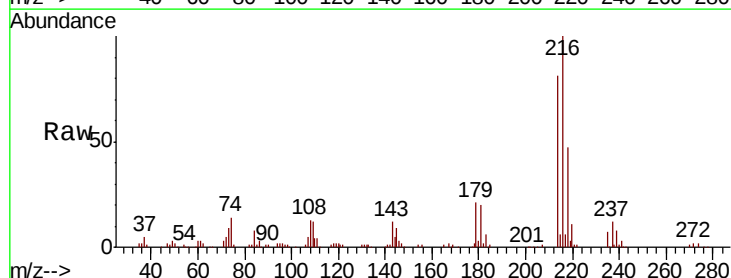
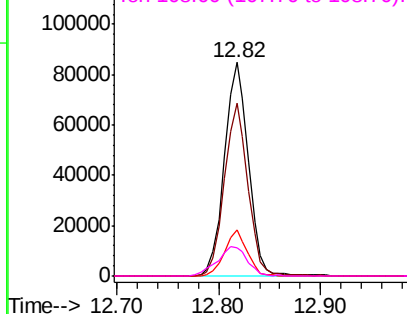
Abundance

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





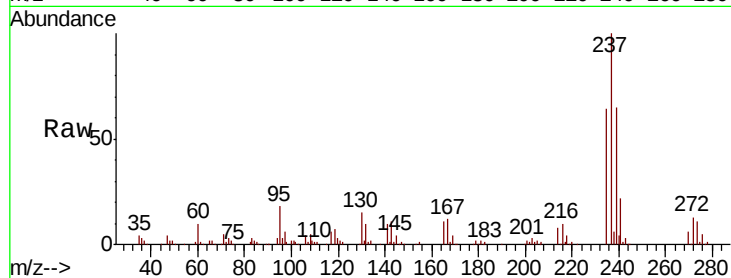
#41
Hexachlorocyclopentadiene
Concen: 92.042 ng
RT: 12.79 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Instrument :
BNA_G
ClientSampleId :
600429836MS

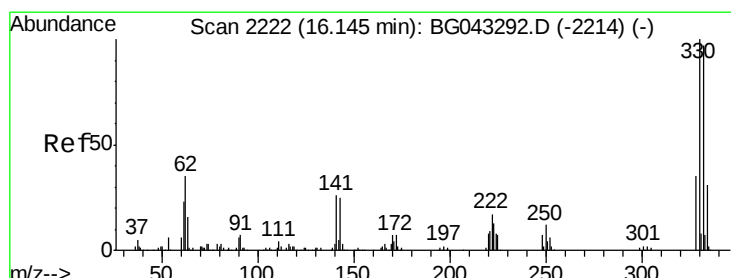
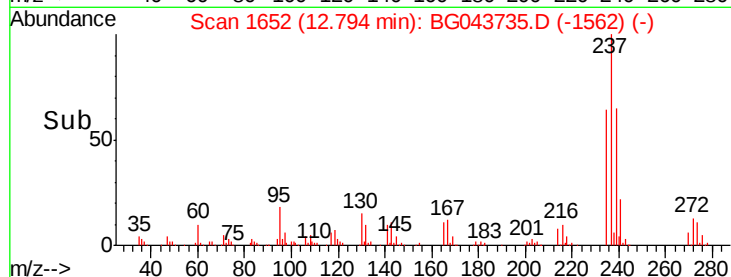
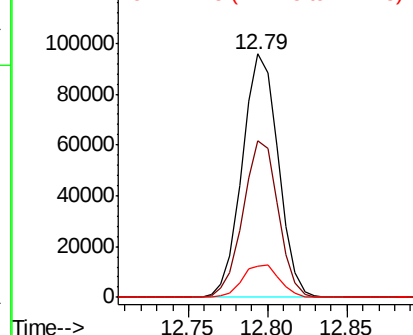
Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	64.1	42.2	82.2	
272	12.7	0.0	32.6	

Manual Integrations
APPROVED

mohammad
11/21/2019 1:05:33 PM

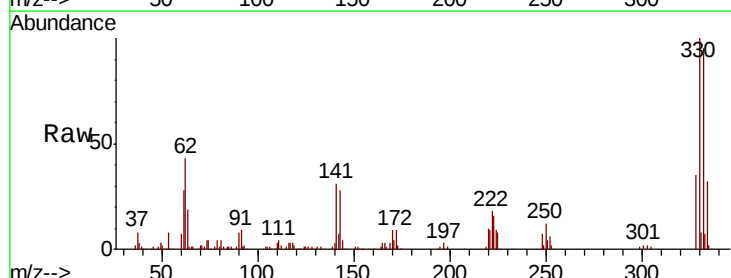


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

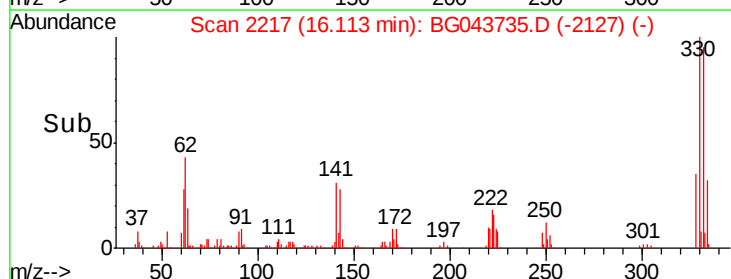
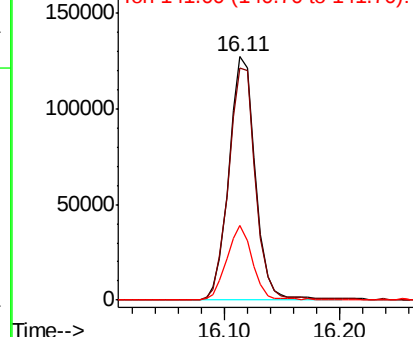


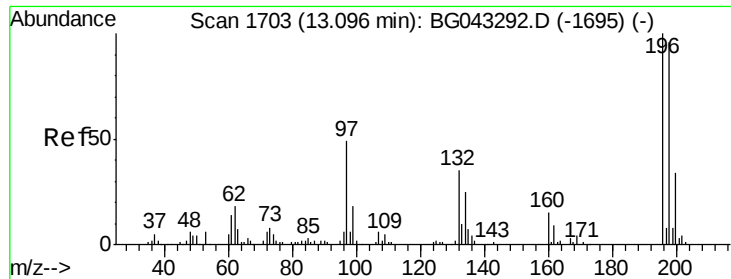
#42
2,4,6-Tribromophenol
Concen: 125.608 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.00 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.6	76.6	115.0	
141	29.9	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





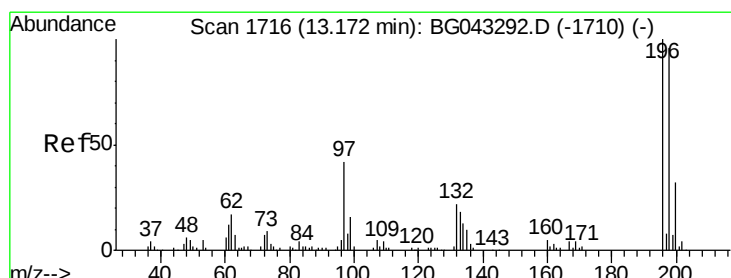
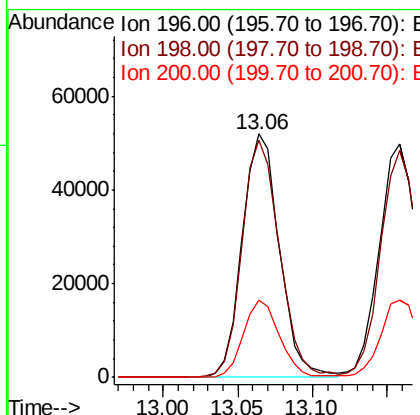
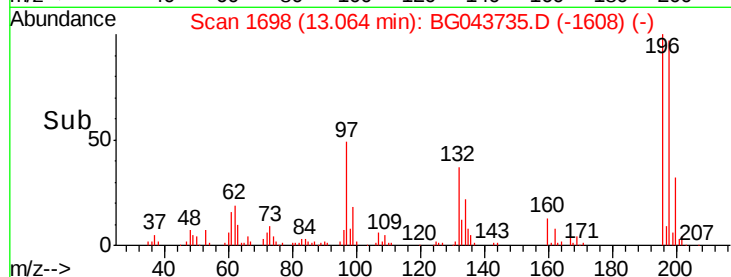
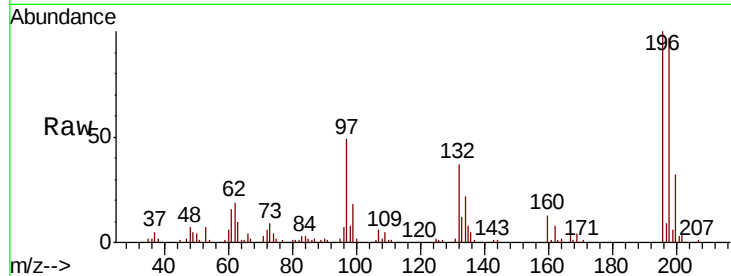
#43
 2,4,6-Trichlorophenol
 Concen: 48.806 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: BG043735.D
 Acq: 20 Nov 2019 19:47

Instrument :
 BNA_G
 ClientSampleId :
 600429836MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	89625		
198	97.3	81.3	121.9	
200	32.0	28.2	42.2	

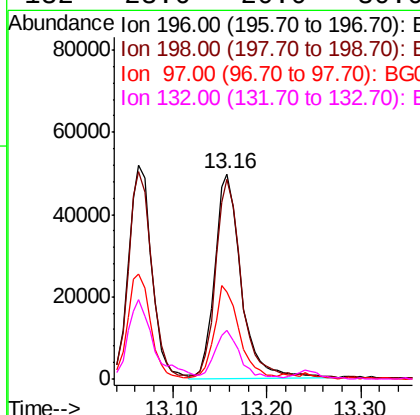
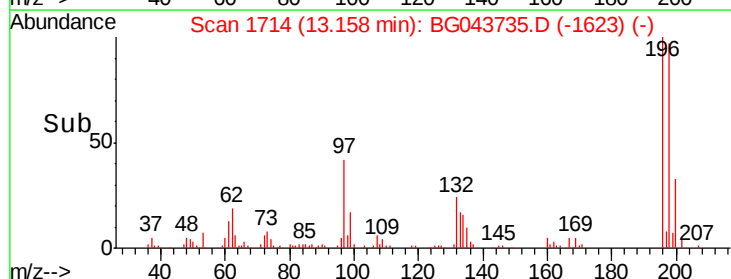
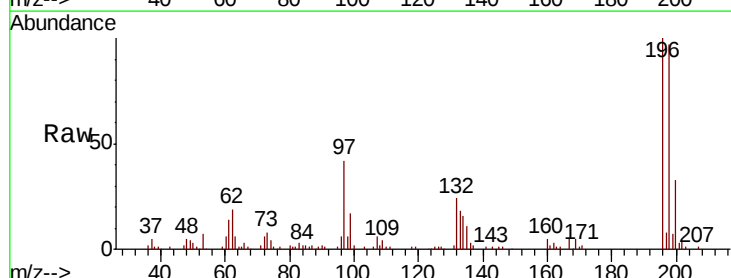
Manual Integrations
 APPROVED

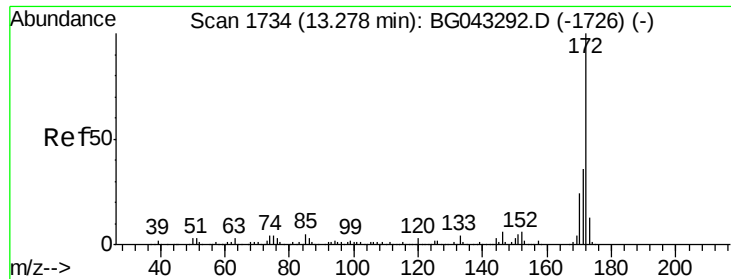
mohammad
 11/21/2019 1:05:33 PM



#44
 2,4,5-Trichlorophenol
 Concen: 52.346 ng
 RT: 13.16 min Scan# 1714
 Delta R.T. 0.00 min
 Lab File: BG043735.D
 Acq: 20 Nov 2019 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	97181		
198	97.2	77.4	116.2	
97	42.3	35.9	53.9	
132	23.6	20.0	30.0	





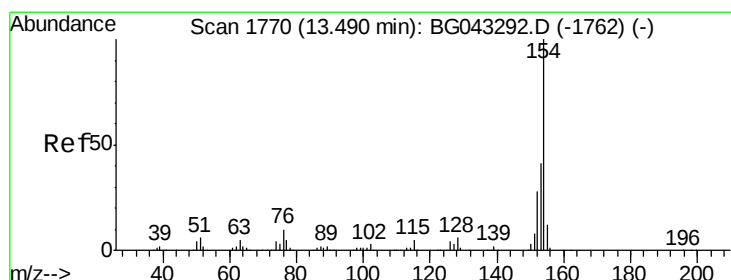
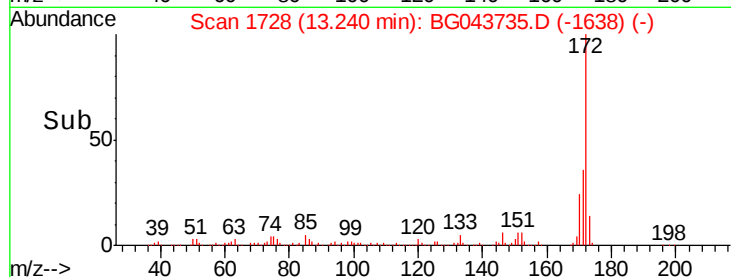
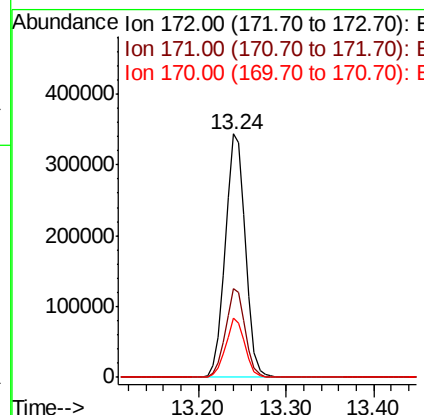
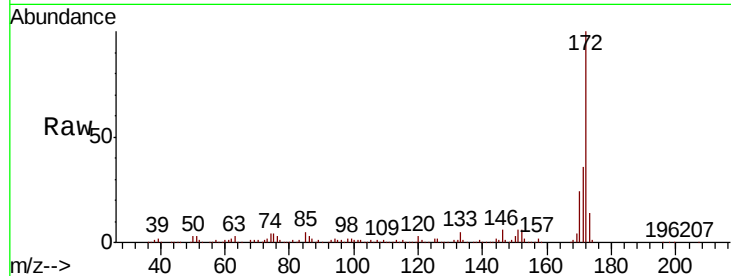
#45
 2-Fluorobiphenyl
 Concen: 89.825 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG043735.D
 Acq: 20 Nov 2019 19:47

Instrument :
 BNA_G
 ClientSampleId :
 600429836MS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	547717		
171	36.2		28.1	42.1
170	24.4		18.8	28.2

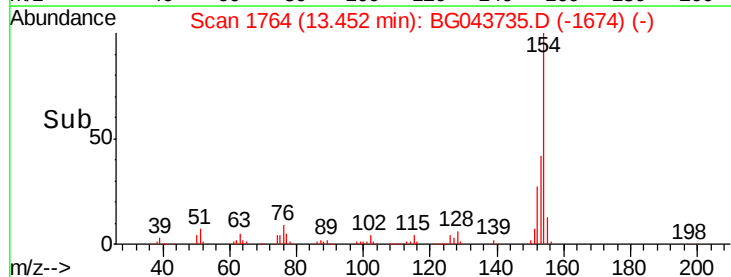
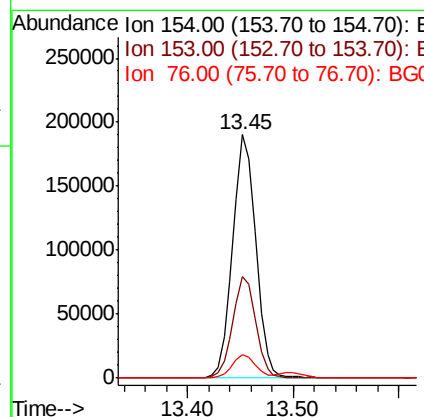
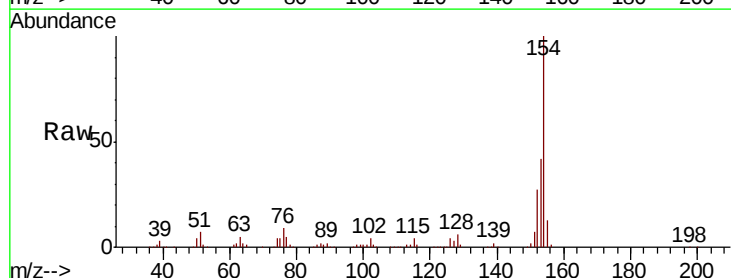
Manual Integrations
 APPROVED

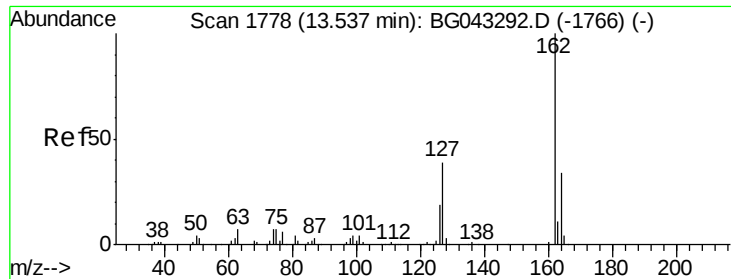
mohammad
 11/21/2019 1:05:33 PM



#46
 1,1'-Biphenyl
 Concen: 45.116 ng
 RT: 13.45 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: BG043735.D
 Acq: 20 Nov 2019 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	289183		
153	41.7		22.6	62.6
76	9.4		0.0	29.1





#47

2-Chloronaphthalene

Concen: 45.669 ng

RT: 13.50 min Scan# 1772

Delta R.T. -0.00 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

Instrument :

BNA_G

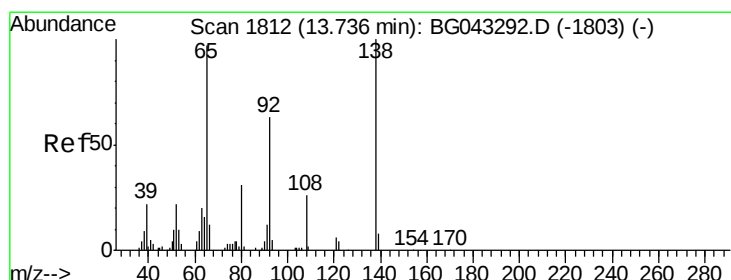
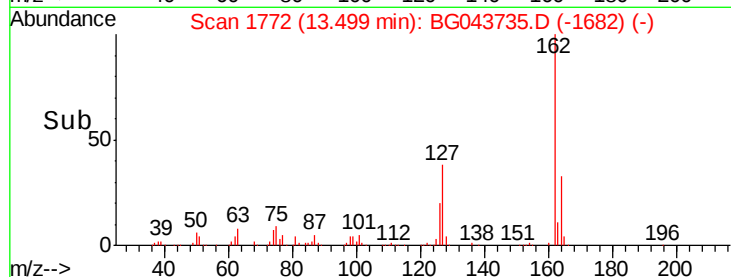
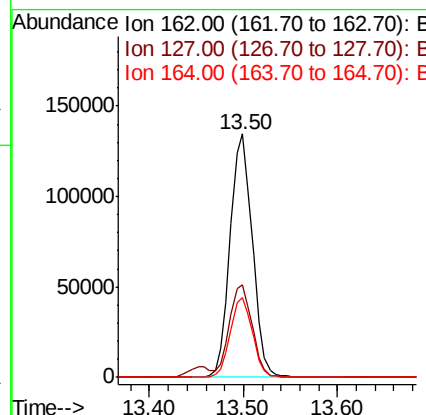
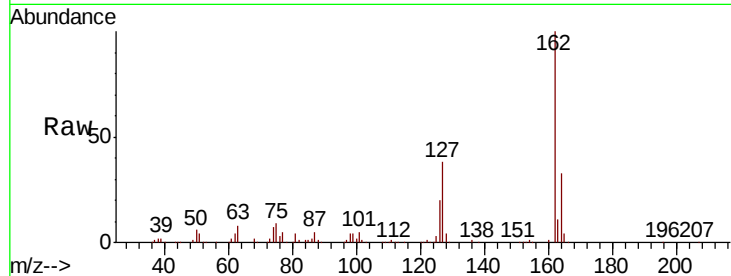
ClientSampleId :

600429836MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	38.3	32.8	49.2		
164	32.9	27.8	41.8		

Manual Integrations
APPROVED

mohammad
11/21/2019 1:05:33 PM



#48

2-Nitroaniline

Concen: 44.573 ng

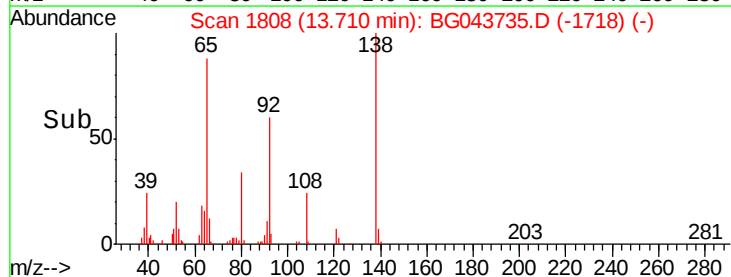
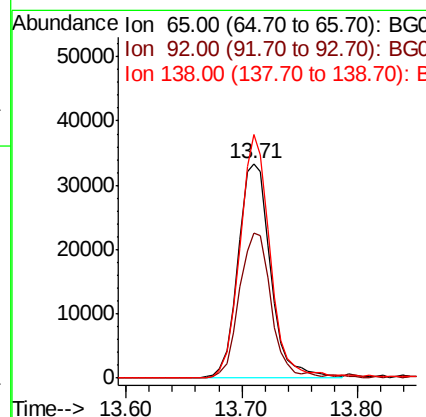
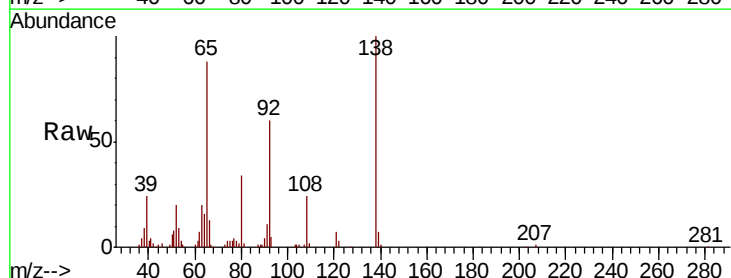
RT: 13.71 min Scan# 1808

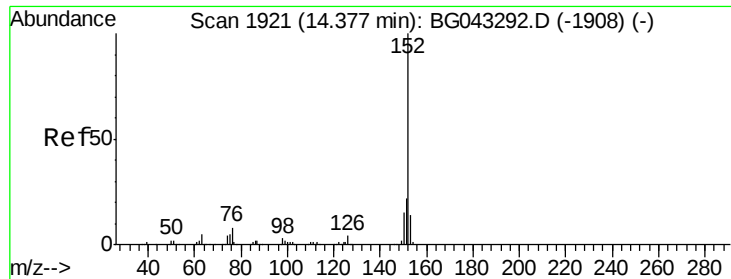
Delta R.T. -0.00 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	67.7	54.9	82.3		
138	113.5	85.0	127.6		





#49

Acenaphthylene

Concen: 47.749 ng

RT: 14.34 min Scan# 1916

Delta R.T. -0.00 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

Instrument :

BNA_G

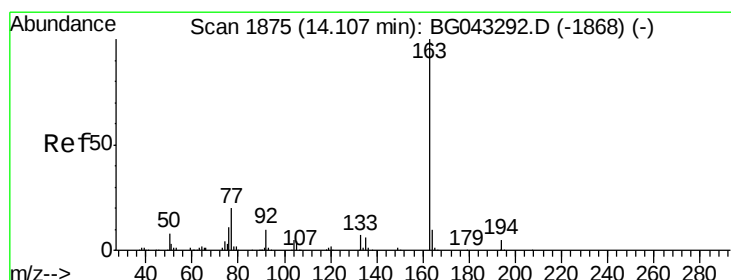
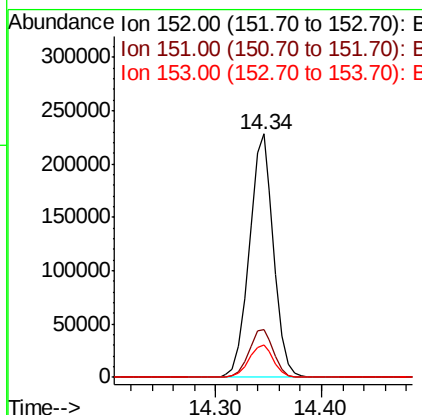
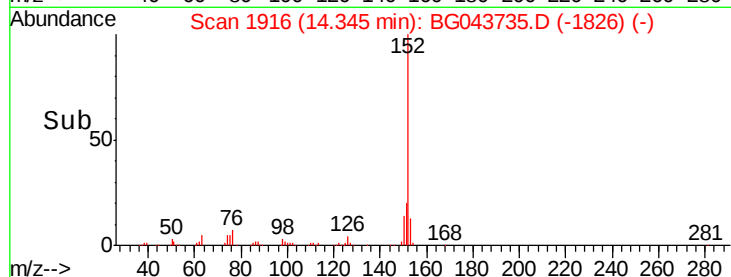
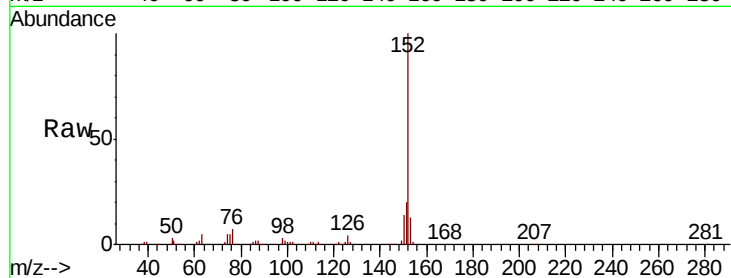
ClientSampleId :

600429836MS

Tot Ion:	152	Resp:	362433
Ion Ratio	Lower	Upper	
152	100		
151	19.8	16.1	24.1
153	13.1	11.0	16.4

Manual Integrations
APPROVED

mohammad
11/21/2019 1:05:33 PM



#50

Dimethylphthalate

Concen: 46.378 ng

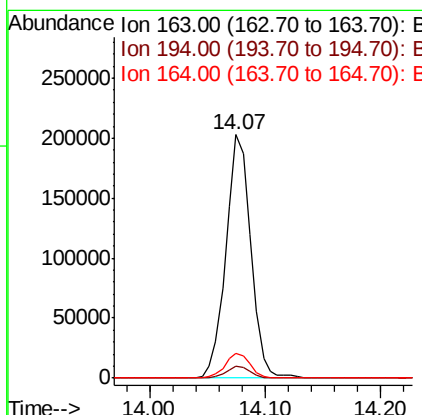
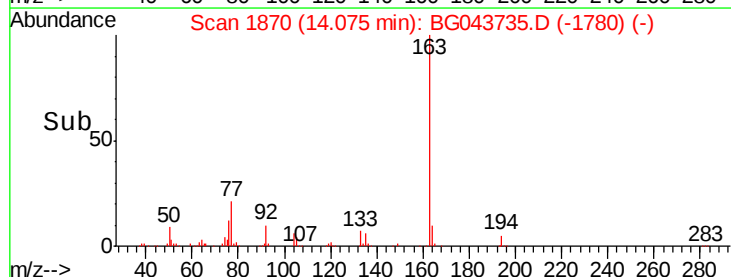
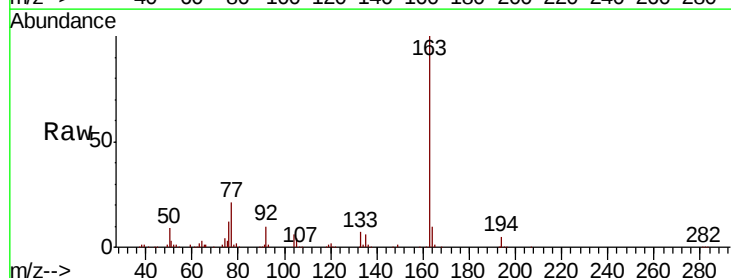
RT: 14.07 min Scan# 1870

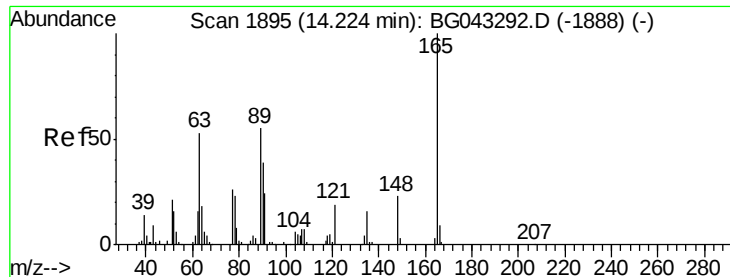
Delta R.T. -0.00 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

Tgt Ion:	163	Resp:	302675
Ion Ratio	Lower	Upper	
163	100		
194	4.7	3.8	5.8
164	9.9	8.5	12.7





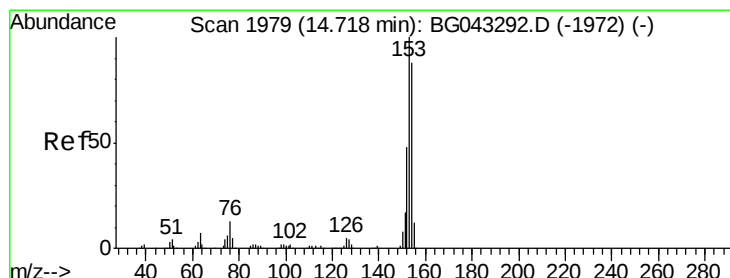
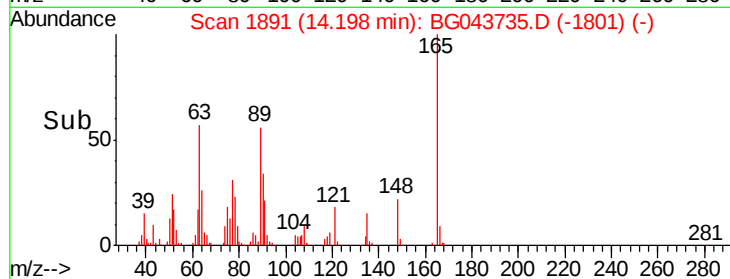
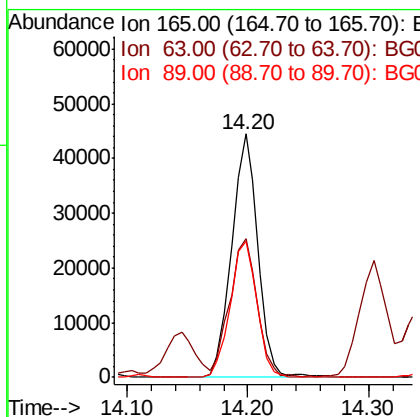
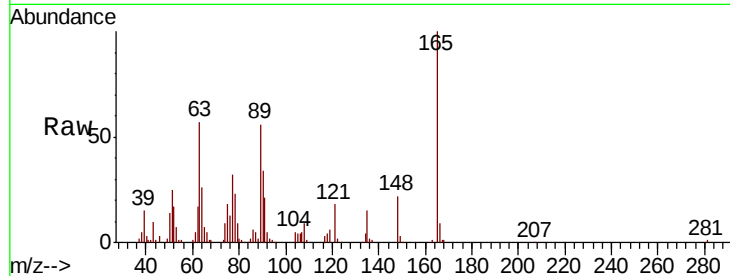
#51
2,6-Dinitrotoluene
Concen: 47.123 ng
RT: 14.20 min Scan# 1891
Delta R.T. -0.00 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Instrument :
BNA_G
ClientSampleId :
600429836MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	57.1	45.0	67.6
89	55.7	39.8	59.8

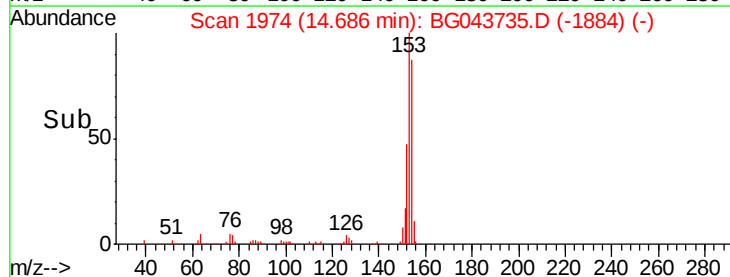
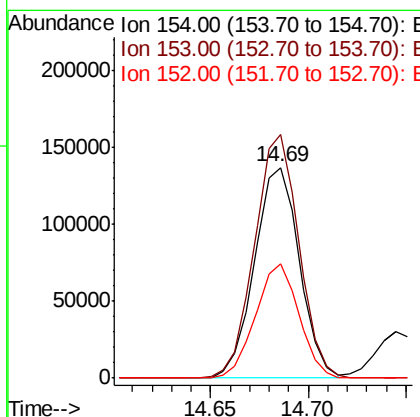
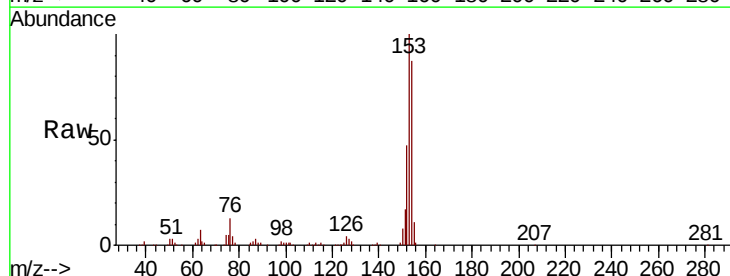
Manual Integrations
APPROVED

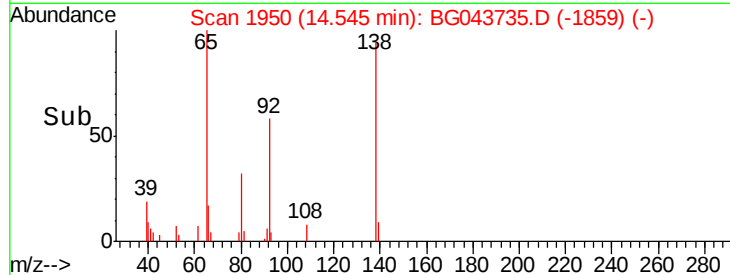
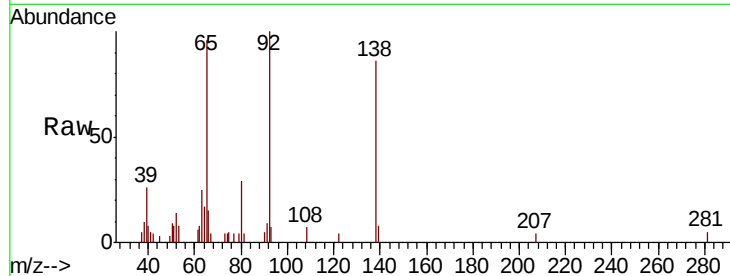
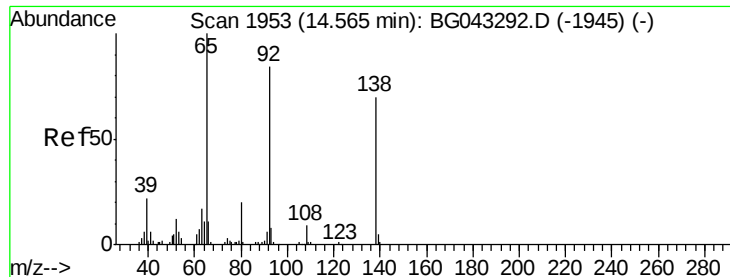
mohammad
11/21/2019 1:05:33 PM



#52
Acenaphthene
Concen: 46.982 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.5	89.2	133.8
152	54.3	41.4	62.0





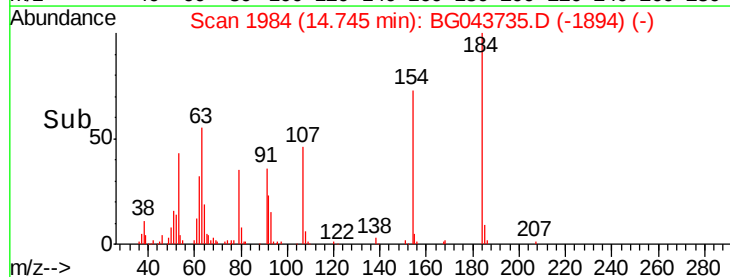
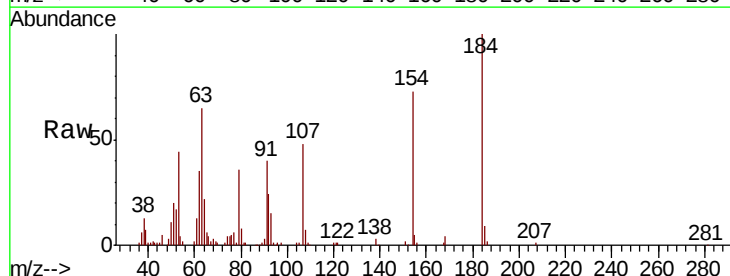
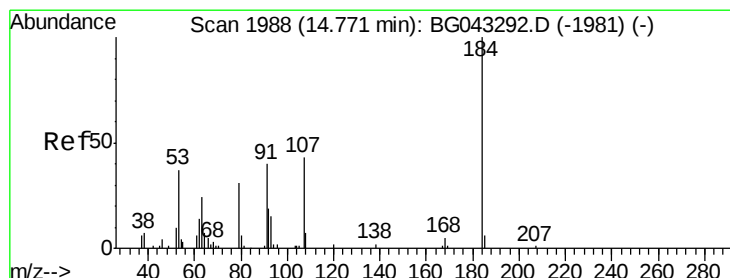
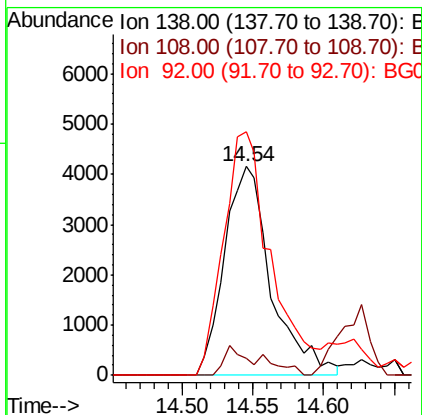
#53
3-Nitroaniline
Concen: 6.995 ng
RT: 14.54 min Scan# 1950
Delta R.T. 0.00 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Instrument :
BNA_G
ClientSampleId :
600429836MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	8.1	9.8	14.8#
92	116.6	88.1	132.1

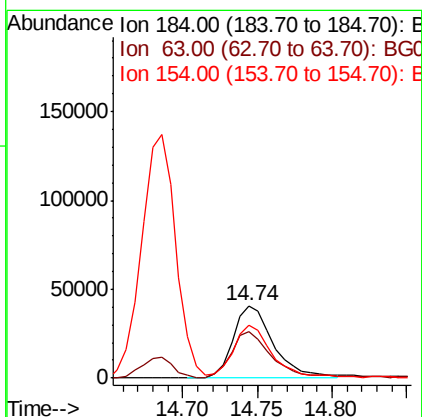
Manual Integrations
APPROVED

mohammad
11/21/2019 1:05:33 PM



#54
2,4-Dinitrophenol
Concen: 85.991 ng
RT: 14.74 min Scan# 1984
Delta R.T. -0.00 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.0	59.0	88.4
154	73.5	57.4	86.2





#55

Dibenzofuran

Concen: 47.575 ng

RT: 15.02 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

Instrument :

BNA_G

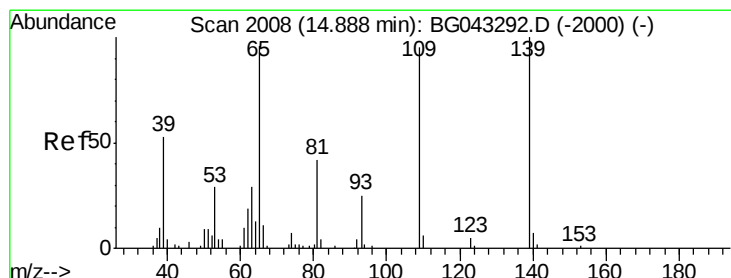
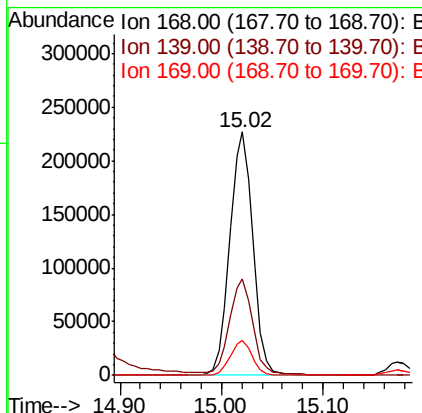
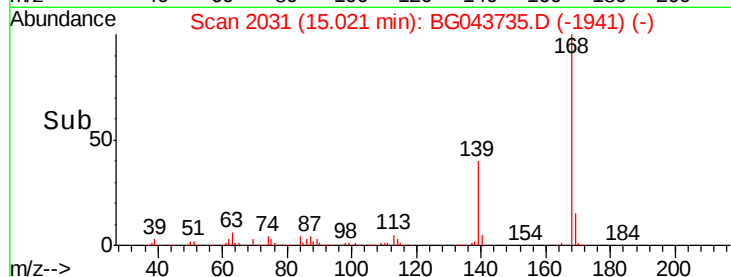
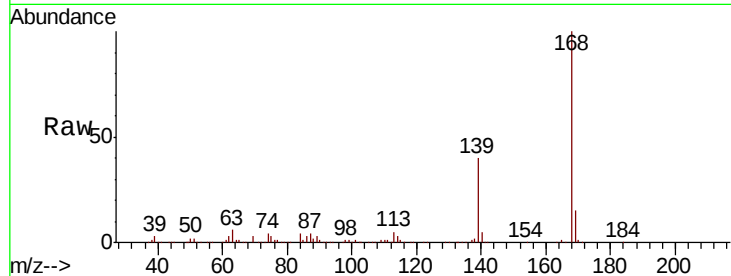
ClientSampleId :

600429836MS

Tot Ion:	168	Resp:	357120
Ion Ratio	Lower	Upper	
168	100		
139	39.5	32.7	49.1
169	14.6	10.6	15.8

Manual Integrations
APPROVED

mohammad
11/21/2019 1:05:33 PM



#56

4-Nitrophenol

Concen: 92.547 ng

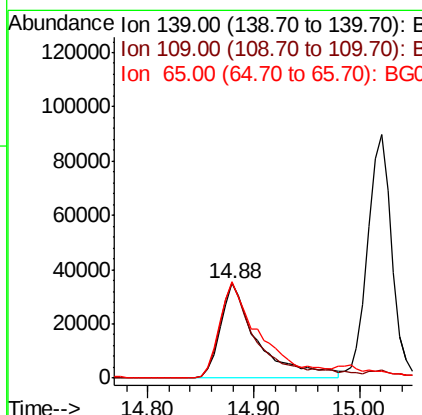
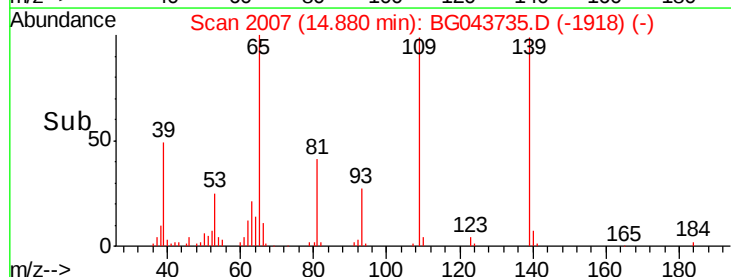
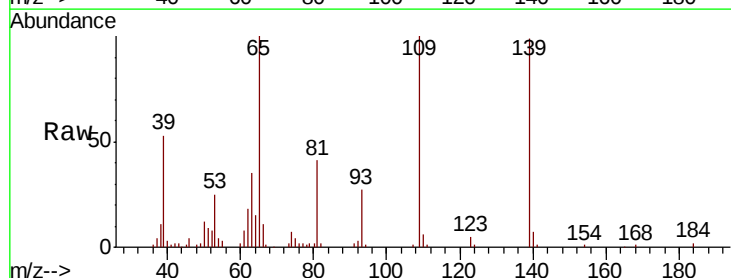
RT: 14.88 min Scan# 2007

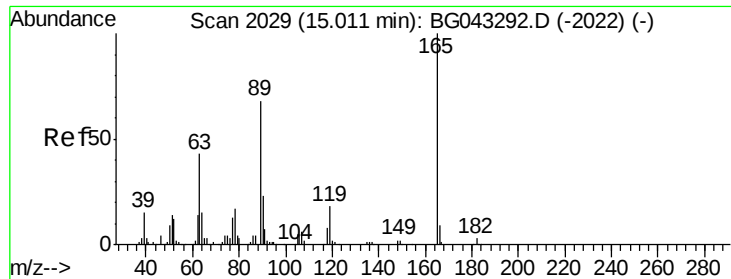
Delta R.T. -0.01 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

Tgt Ion:	139	Resp:	84896
Ion Ratio	Lower	Upper	
139	100		
109	101.0	64.0	104.0
65	101.3	75.6	115.6





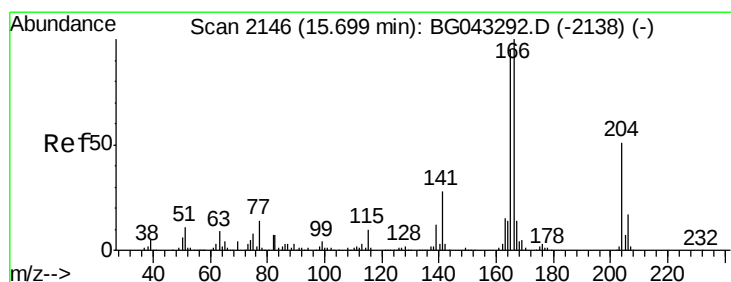
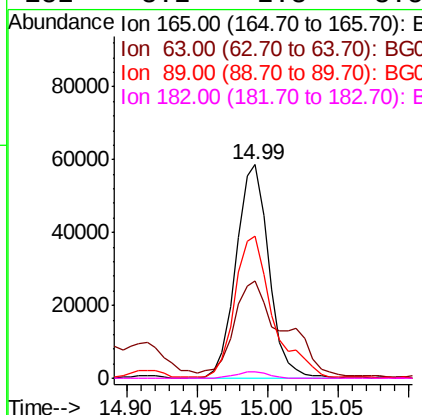
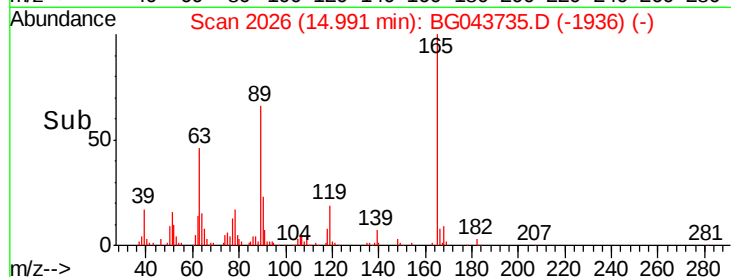
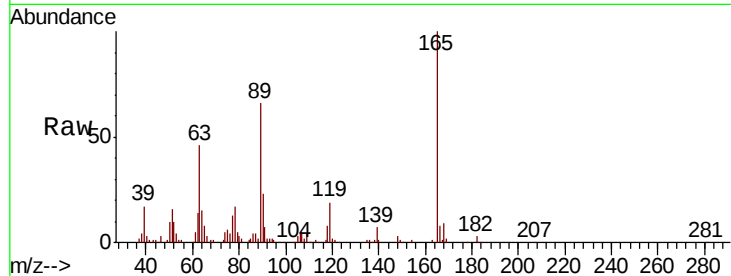
#57
2,4-Dinitrotoluene
Concen: 47.126 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Instrument :
BNA_G
ClientSampleId :
600429836MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		95488		
63	45.6	37.4	56.0		
89	66.5	50.9	76.3		
182	3.2	2.3	3.5		

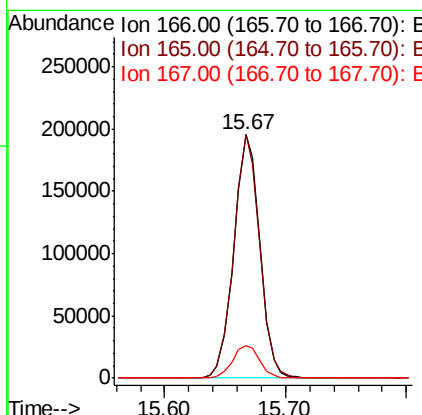
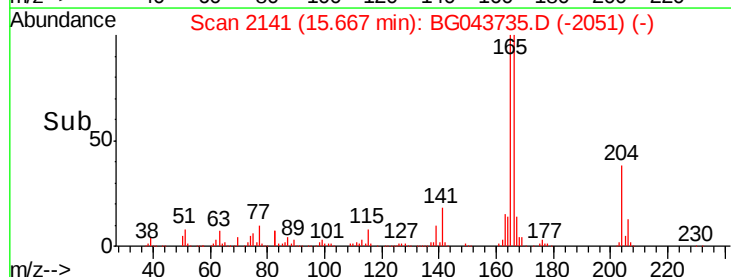
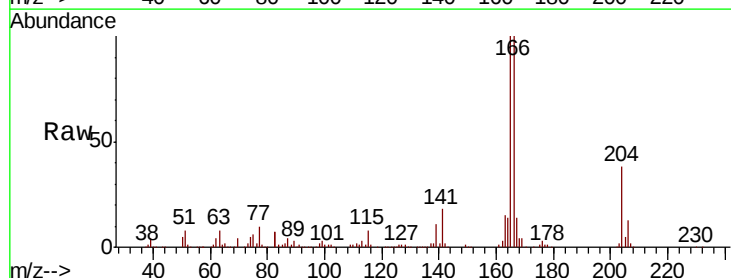
Manual Integrations
APPROVED

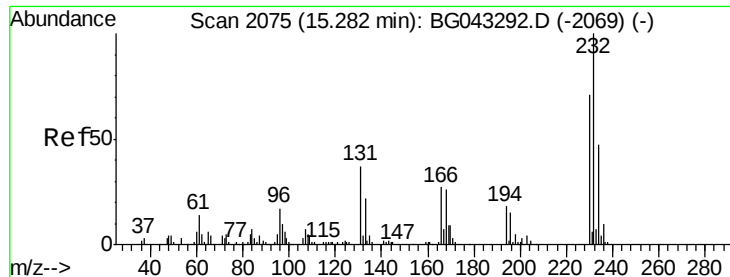
mohammad
11/21/2019 1:05:33 PM



#58
Fluorene
Concen: 46.688 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		293939		
165	99.8	78.4	117.6		
167	13.5	11.2	16.8		





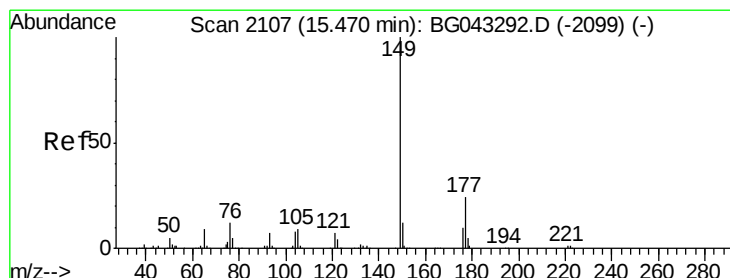
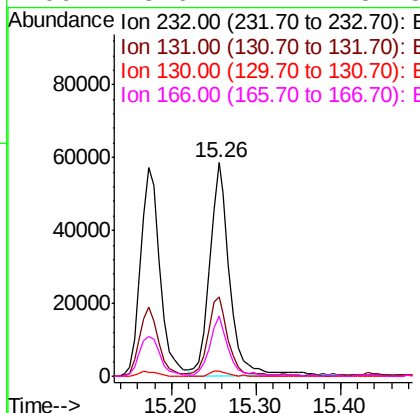
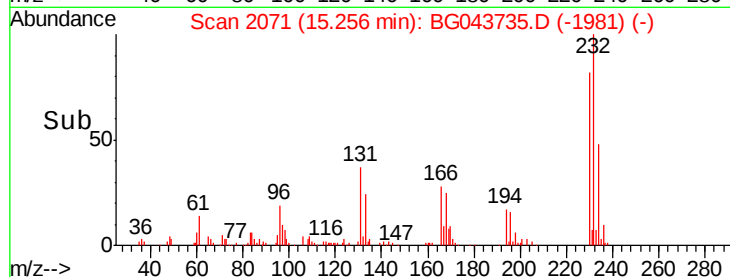
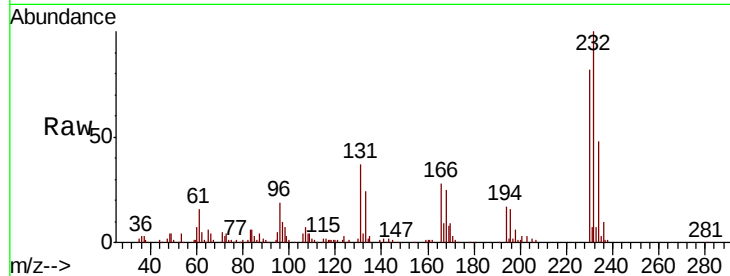
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.571 ng
RT: 15.26 min Scan# 2071
Delta R.T. -0.00 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Instrument :
BNA_G
ClientSampleId :
600429836MS

Tot Ion:	232	Resp:	97777
Ion Ratio	Lower	Upper	
232	100		
131	36.1	29.6	44.4
130	2.0	1.4	2.0
166	25.6	21.2	31.8

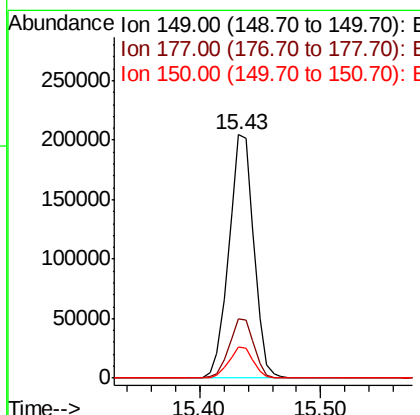
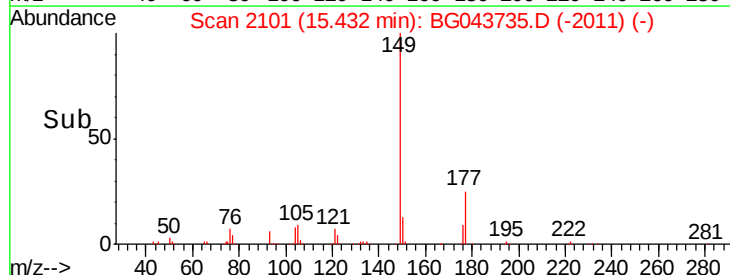
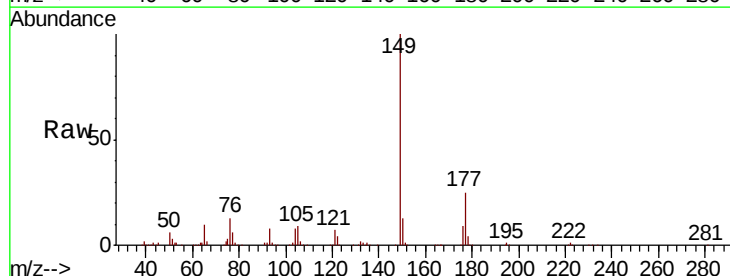
Manual Integrations
APPROVED

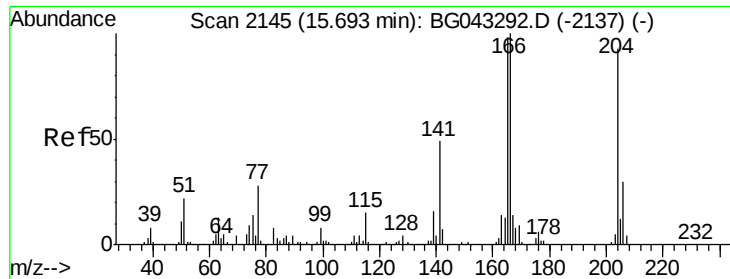
mohammad
11/21/2019 1:05:33 PM



#60
Diethylphthalate
Concen: 44.788 ng
RT: 15.43 min Scan# 2101
Delta R.T. -0.00 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Tgt Ion:	149	Resp:	293695
Ion Ratio	Lower	Upper	
149	100		
177	24.6	19.3	28.9
150	12.8	10.5	15.7





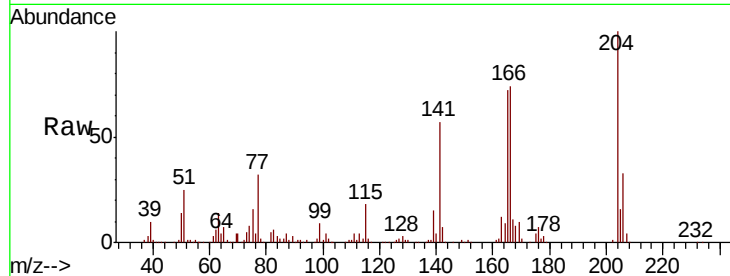
#61
4-Chlorophenyl-phenylether
Concen: 46.412 ng
RT: 15.66 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Instrument :
BNA_G
ClientSampleId :
600429836MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	28.2	42.4
141	57.0	44.5	66.7

Manual Integrations
APPROVED

mohammad
11/21/2019 1:05:33 PM

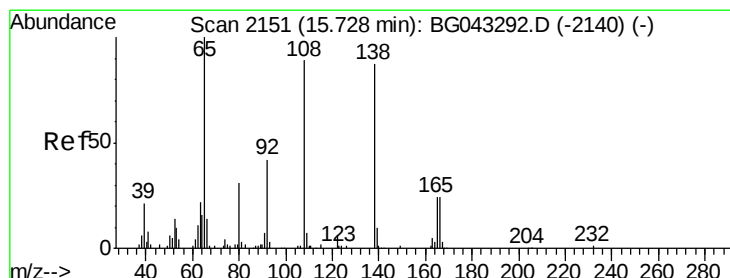
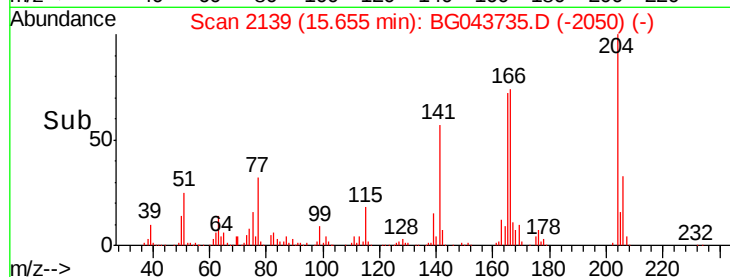
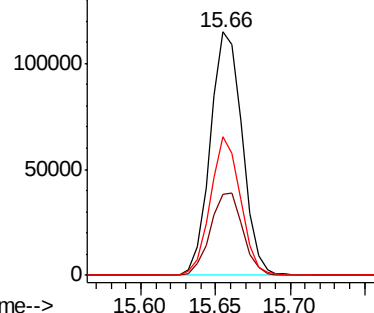


Abundance

Ion 204.00 (203.70 to 204.70): E

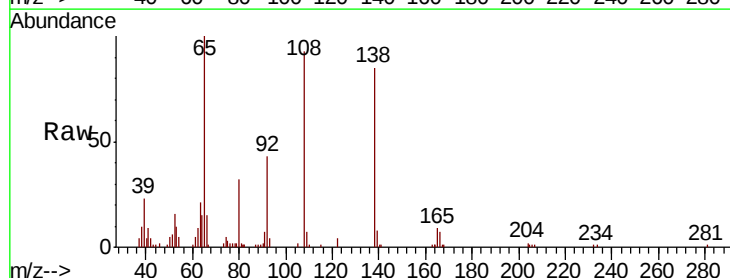
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 32.127 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.9	31.0	71.0
108	109.6	85.0	125.0

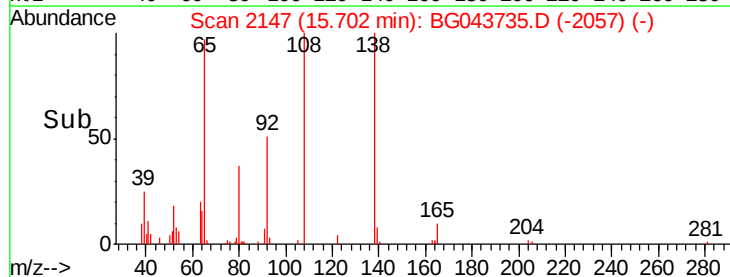
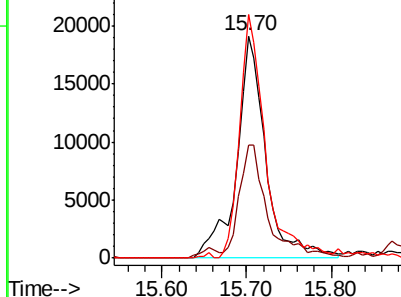


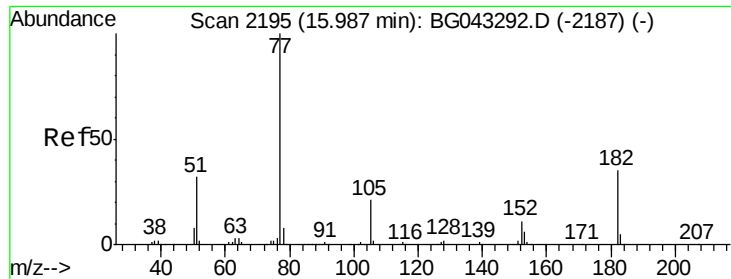
Abundance

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





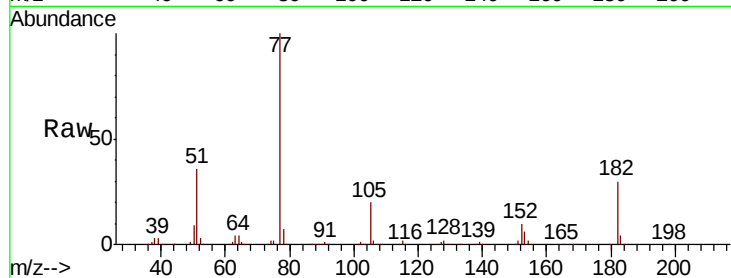
#63
Azobenzene
Concen: 46.531 ng
RT: 15.95 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Instrument :
BNA_G
ClientSampleId :
600429836MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		246948		
182	29.8	11.2	51.2		
105	19.6	1.5	41.5		
51	35.6	14.7	54.7		

Manual Integrations
APPROVED

mohammad
11/21/2019 1:05:33 PM



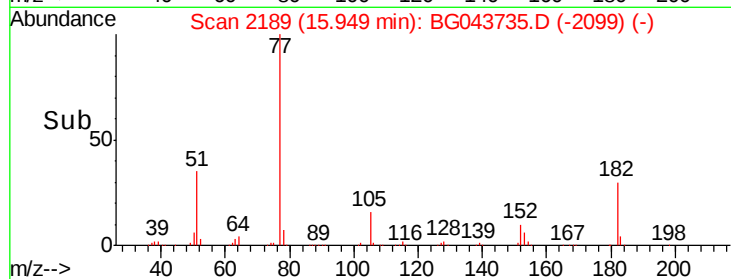
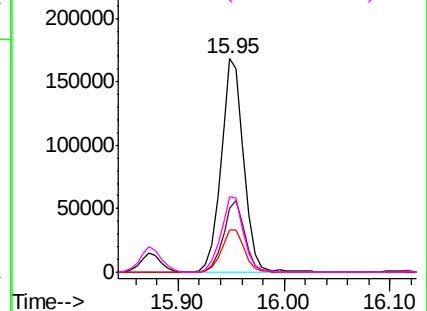
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

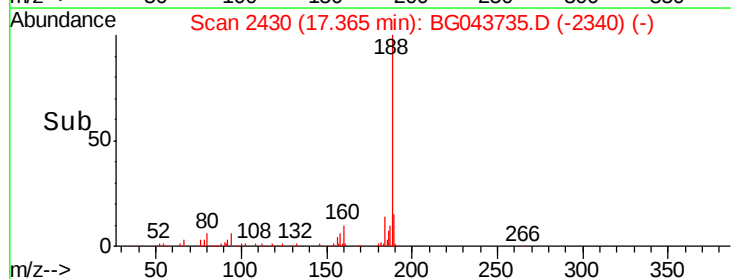
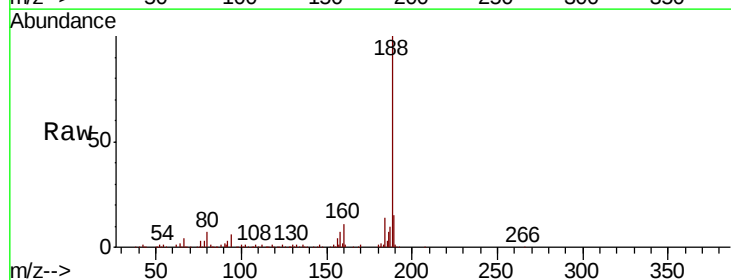
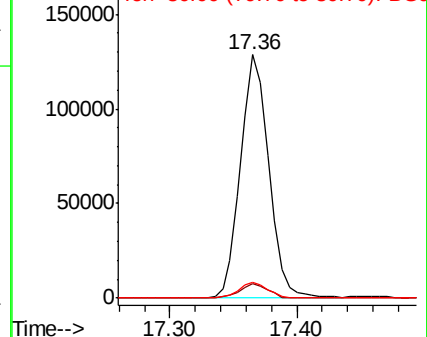
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		199472		
94	6.1	4.6	7.0		
80	6.7	5.2	7.8		

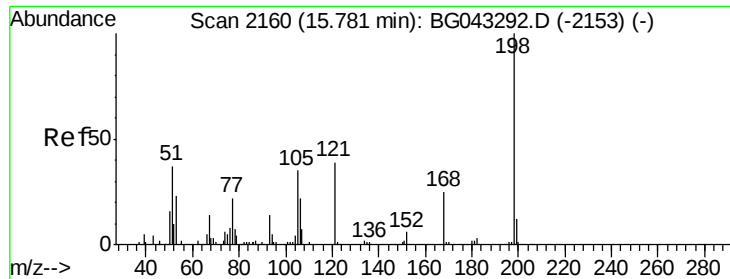
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 51.587 ng

RT: 15.76 min Scan# 2156

Delta R.T. -0.00 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

Instrument :

BNA_G

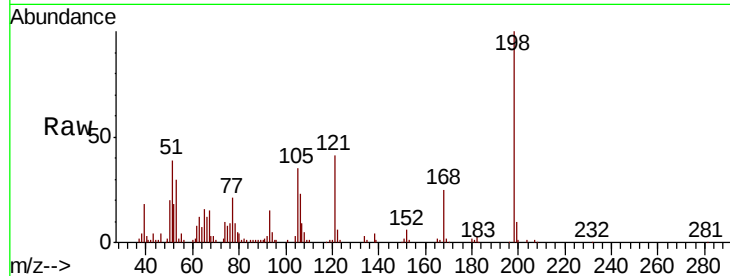
ClientSampleId :

600429836MS

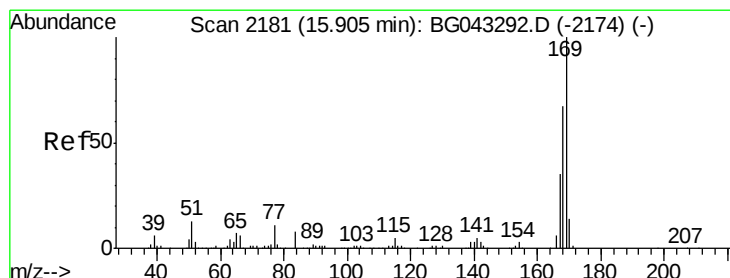
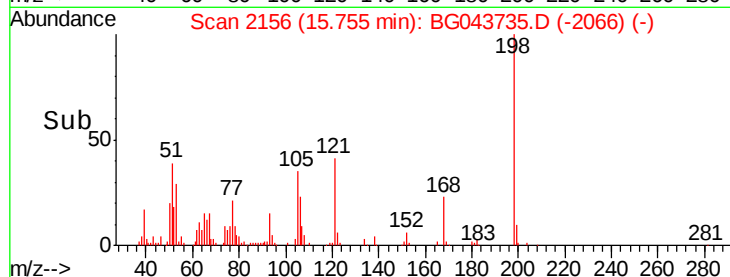
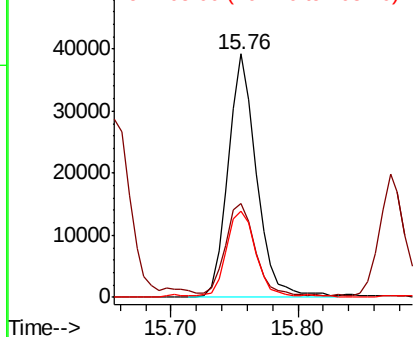
Tot Ion:	198	Resp:	60558
Ion Ratio	Lower	Upper	
198	100		
51	38.7	17.3	57.3
105	35.3	13.9	53.9

Manual Integrations
APPROVED

mohammad
11/21/2019 1:05:33 PM



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



#66

n-Nitrosodiphenylamine

Concen: 34.854 ng

RT: 15.88 min Scan# 2177

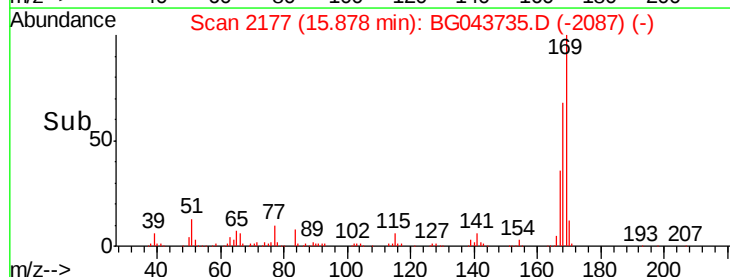
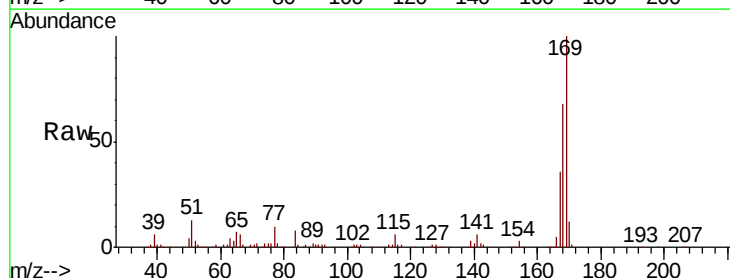
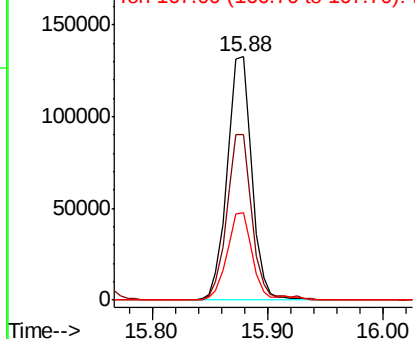
Delta R.T. -0.00 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

Tgt Ion:	169	Resp:	196283
Ion Ratio	Lower	Upper	
169	100		
168	67.9	56.2	84.4
167	36.0	29.8	44.8

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





#67

4-Bromophenyl-phenylether

Concen: 44.429 ng

RT: 16.55 min Scan# 2292

Delta R.T. -0.00 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

Instrument :

BNA_G

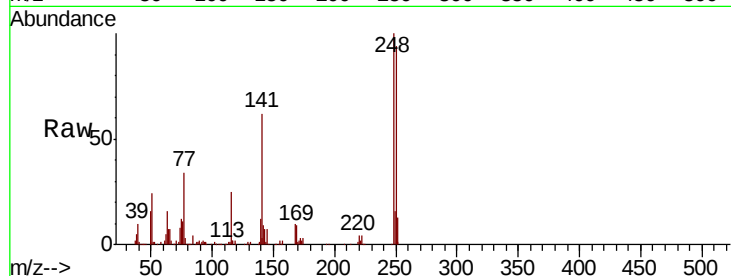
ClientSampleId :

600429836MS

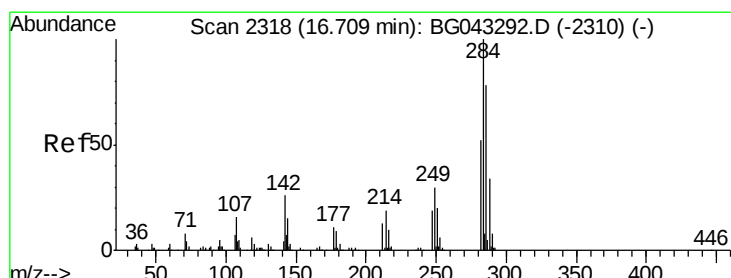
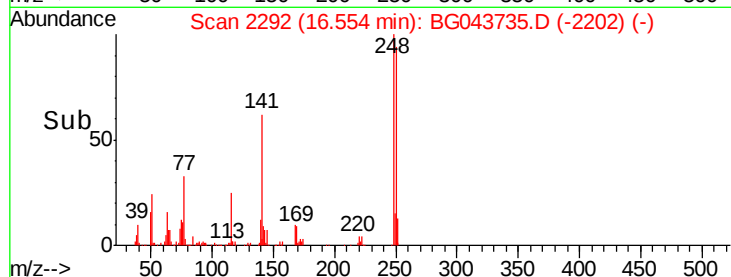
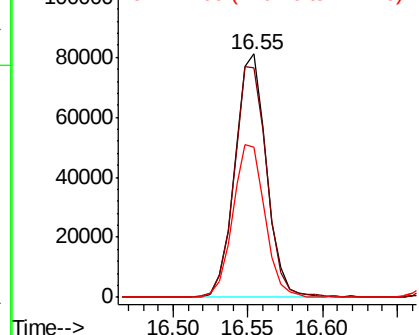
Tot Ion:	248	Resp:	119266
Ion Ratio	Lower	Upper	
248	100		
250	94.5	76.3	114.5
141	61.8	49.5	74.3

Manual Integrations
APPROVED

mohammad
11/21/2019 1:05:33 PM



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 43.129 ng

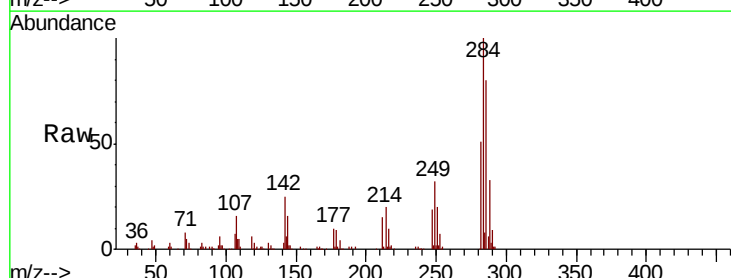
RT: 16.68 min Scan# 2313

Delta R.T. -0.00 min

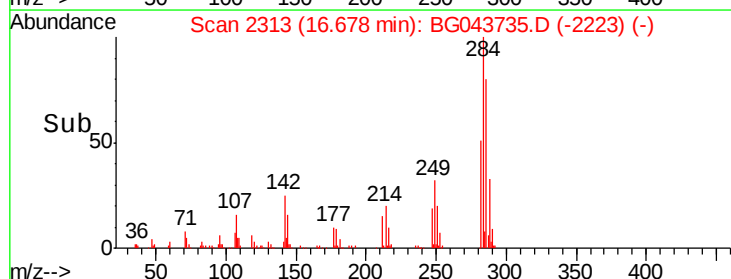
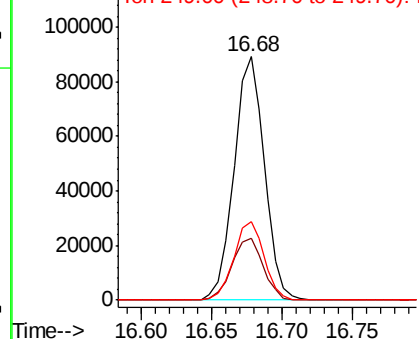
Lab File: BG043735.D

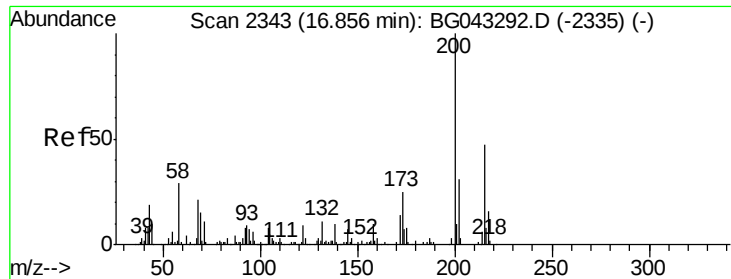
Acq: 20 Nov 2019 19:47

Tgt Ion:	284	Resp:	132898
Ion Ratio	Lower	Upper	
284	100		
142	25.2	23.2	34.8
249	32.4	27.0	40.4



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





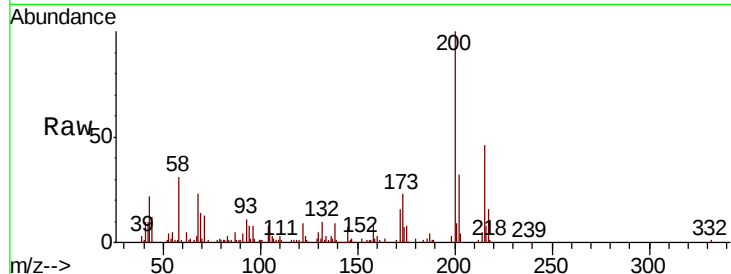
#69
 Atrazine
 Concen: 33.664 ng
 RT: 16.82 min Scan# 2338
 Delta R.T. -0.00 min
 Lab File: BG043735.D
 Acq: 20 Nov 2019 19:47

Instrument :
 BNA_G
 ClientSampleId :
 600429836MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.9	5.1	45.1
215	46.4	29.8	69.8

Manual Integrations
 APPROVED

mohammad
 11/21/2019 1:05:33 PM

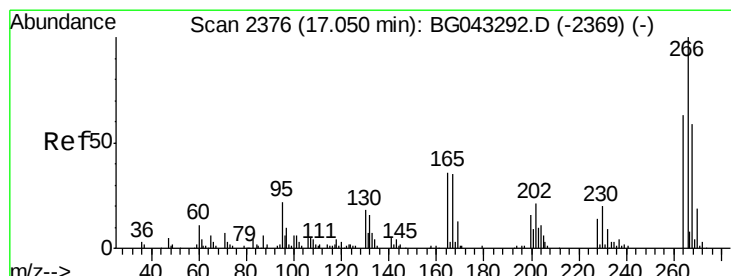
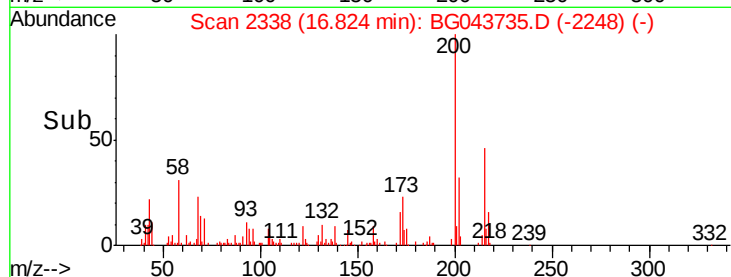
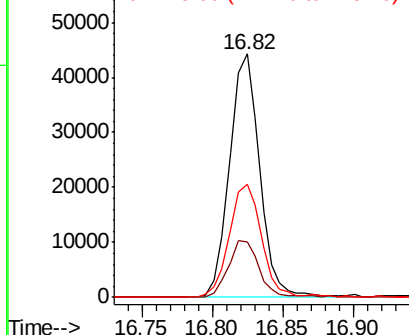


Abundance

Ion 200.00 (199.70 to 200.70): E

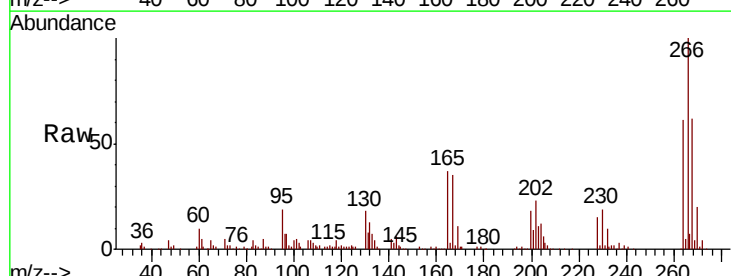
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 96.990 ng
 RT: 17.03 min Scan# 2373
 Delta R.T. -0.00 min
 Lab File: BG043735.D
 Acq: 20 Nov 2019 19:47

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.6	53.2	79.8
264	61.2	48.9	73.3

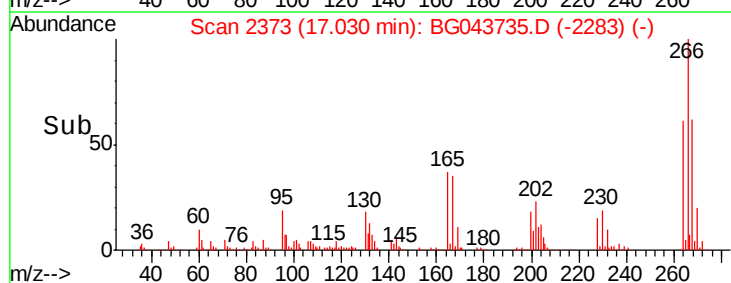
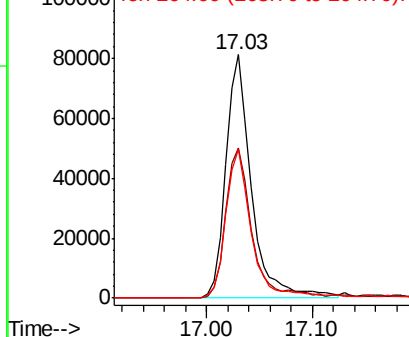


Abundance

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





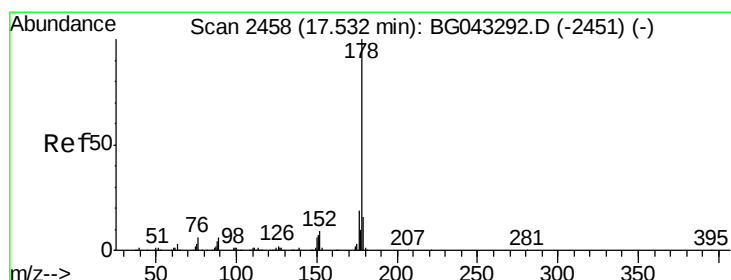
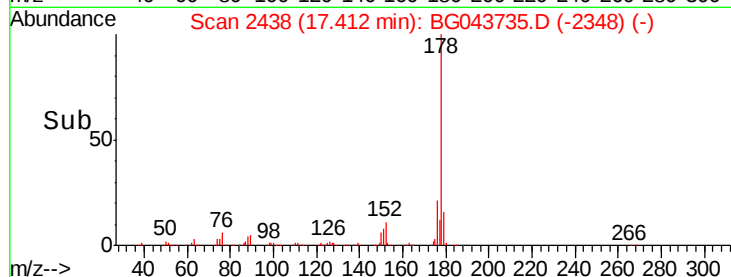
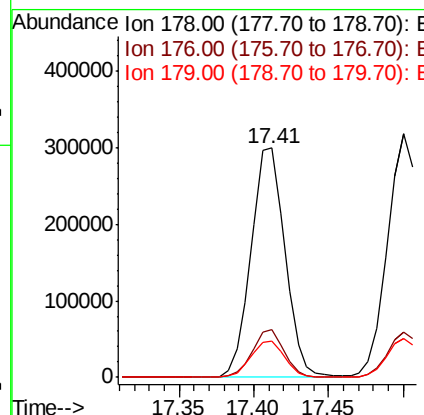
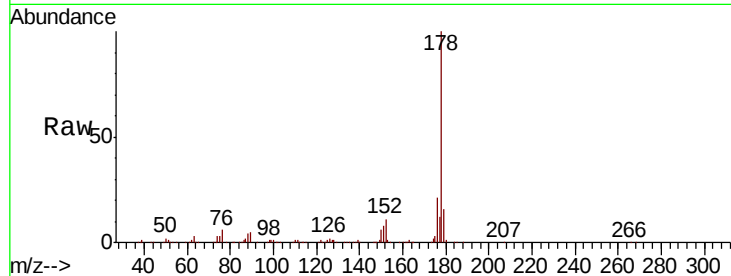
#71
 Phenanthrene
 Concen: 46.199 ng
 RT: 17.41 min Scan# 2438
 Delta R.T. -0.00 min
 Lab File: BG043735.D
 Acq: 20 Nov 2019 19:47

Instrument :
 BNA_G
 ClientSampleId :
 600429836MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.0	22.4
179	15.8	13.0	19.4

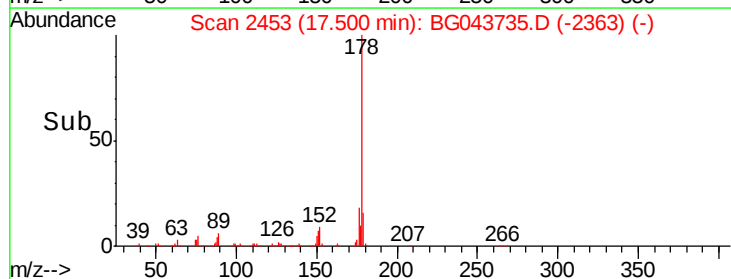
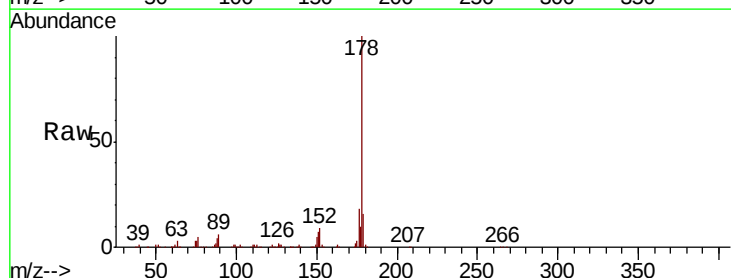
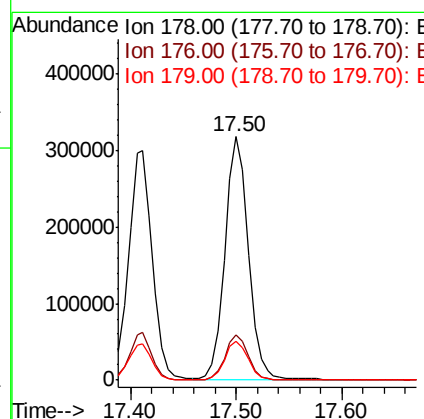
Manual Integrations
 APPROVED

mohammad
 11/21/2019 1:05:33 PM



#72
 Anthracene
 Concen: 48.073 ng
 RT: 17.50 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: BG043735.D
 Acq: 20 Nov 2019 19:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.6
179	16.0	13.3	19.9





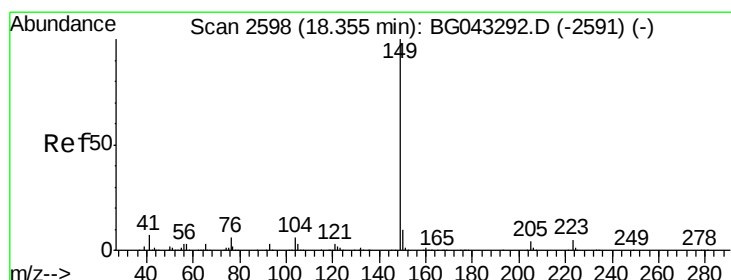
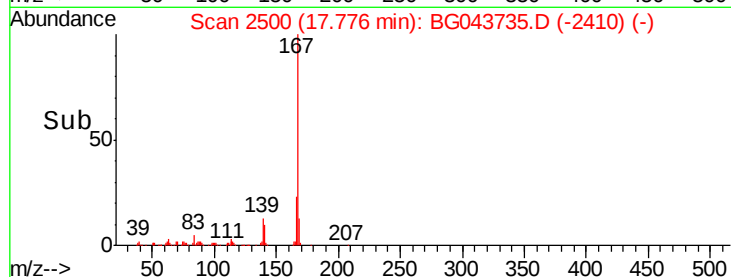
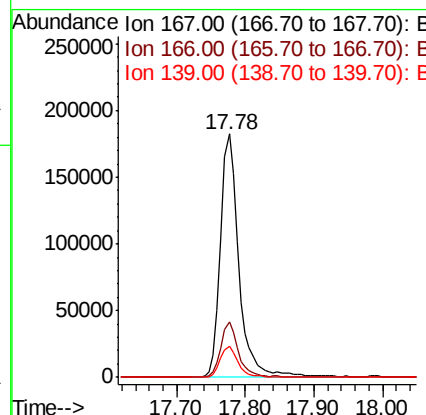
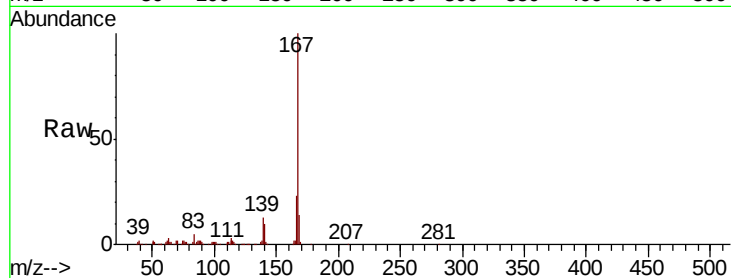
#73
 Carbazole
 Concen: 36.717 ng
 RT: 17.78 min Scan# 2500
 Delta R.T. -0.00 min
 Lab File: BG043735.D
 Acq: 20 Nov 2019 19:47

Instrument :
 BNA_G
 ClientSampleId :
 600429836MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.6	26.4
139	13.0	10.3	15.5

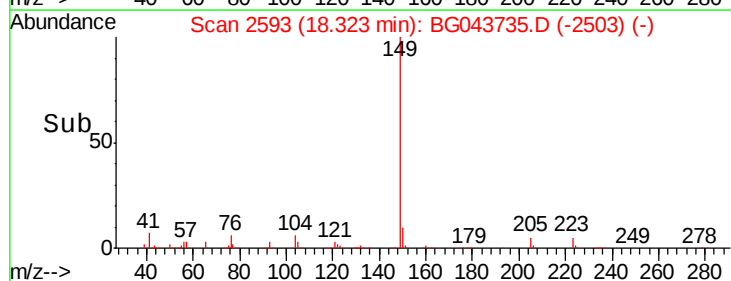
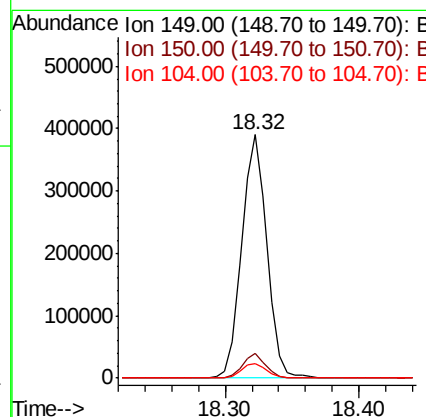
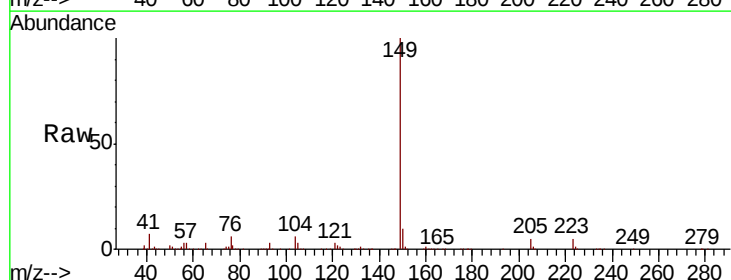
Manual Integrations
 APPROVED

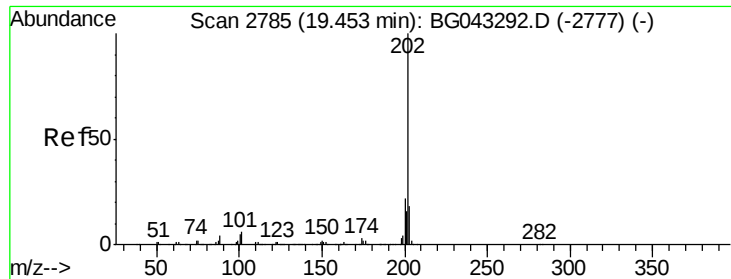
mohammad
 11/21/2019 1:05:33 PM



#74
 Di-n-butylphthalate
 Concen: 45.173 ng
 RT: 18.32 min Scan# 2593
 Delta R.T. -0.00 min
 Lab File: BG043735.D
 Acq: 20 Nov 2019 19:47

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.6	11.4
104	5.9	4.7	7.1





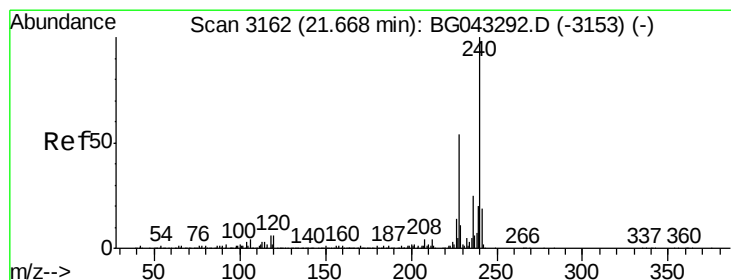
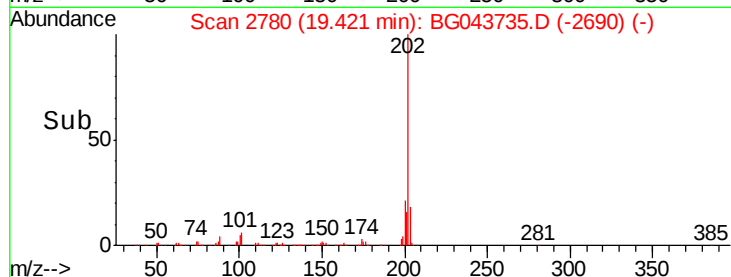
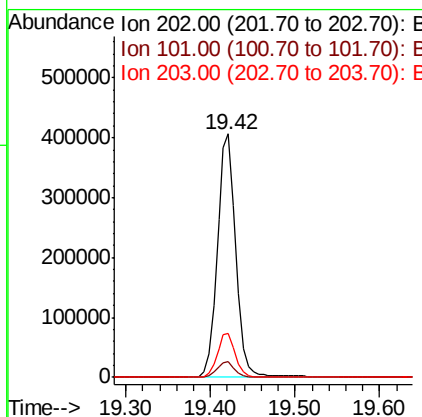
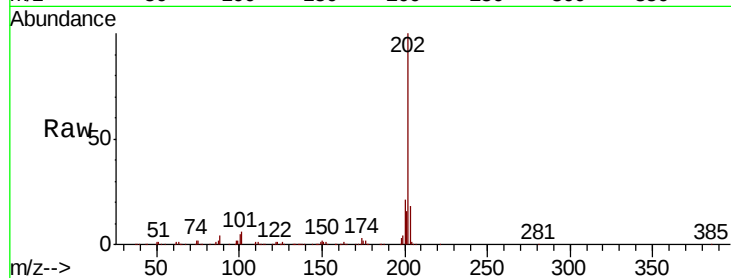
#75
Fluoranthene
Concen: 46.734 ng
RT: 19.42 min Scan# 2780
Delta R.T. -0.00 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Instrument :
BNA_G
ClientSampleId :
600429836MS

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	6.3	0.0	25.6
203	17.8	0.0	37.6

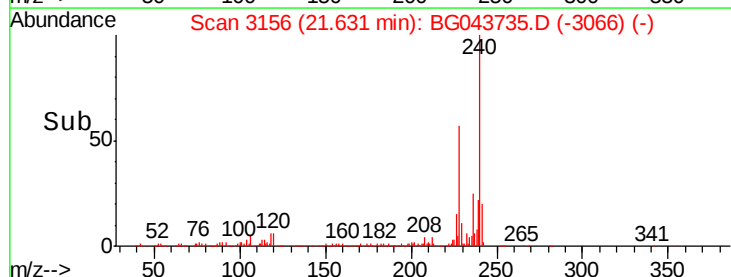
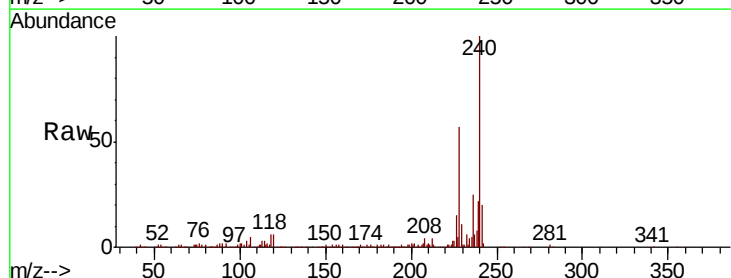
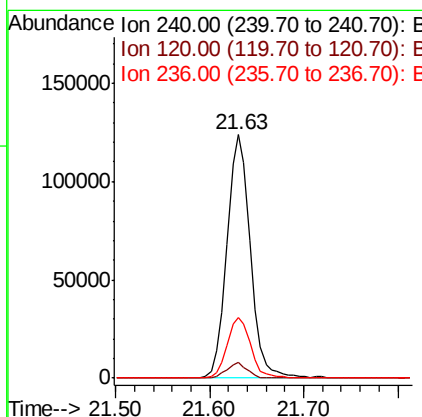
Manual Integrations
APPROVED

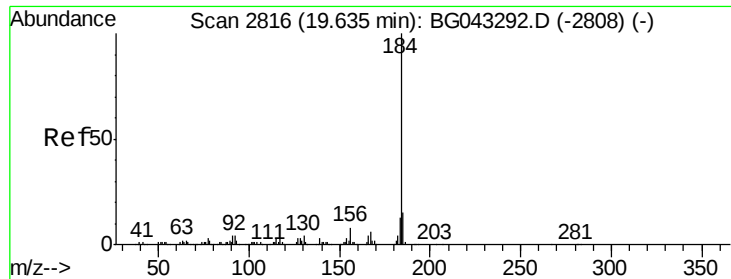
mohammad
11/21/2019 1:05:33 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	6.3	4.9	7.3
236	24.9	21.4	32.0





#77

Benzidine

Concen: 0.227 ng

RT: 19.66 min Scan# 2820

Delta R.T. 0.04 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

Instrument :

BNA_G

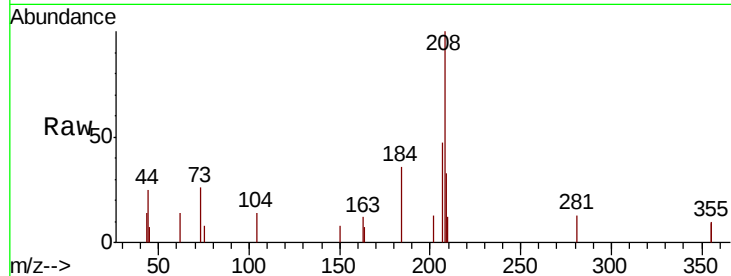
ClientSampleId :

600429836MS

Tot Ion	Ratio	Lower	Upper
184	100		
185	0.0	12.7	19.1#
183	0.0	8.8	13.2#

Manual Integrations
APPROVED

mohammad
11/21/2019 1:05:33 PM

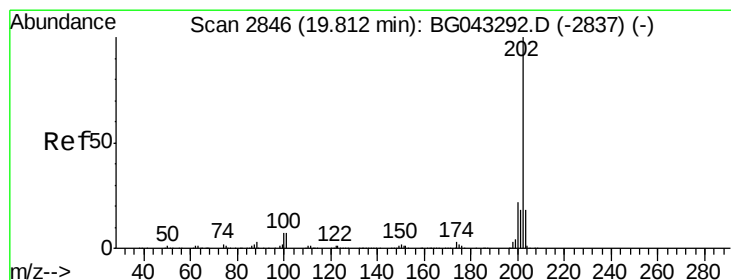
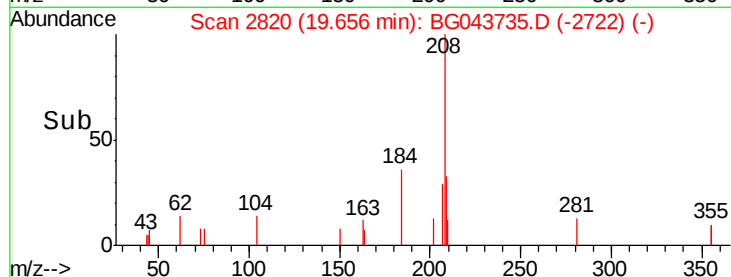
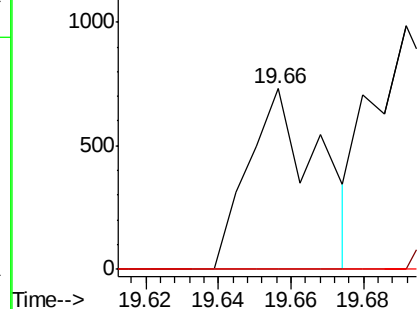


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 47.901 ng

RT: 19.78 min Scan# 2841

Delta R.T. -0.00 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

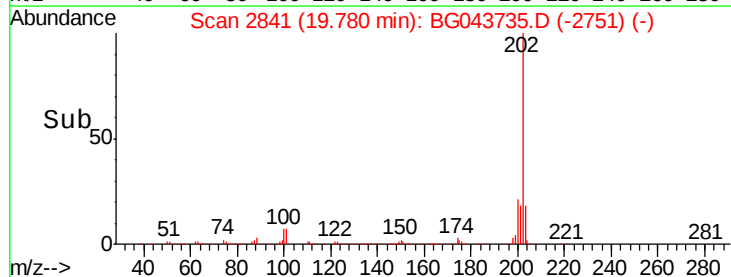
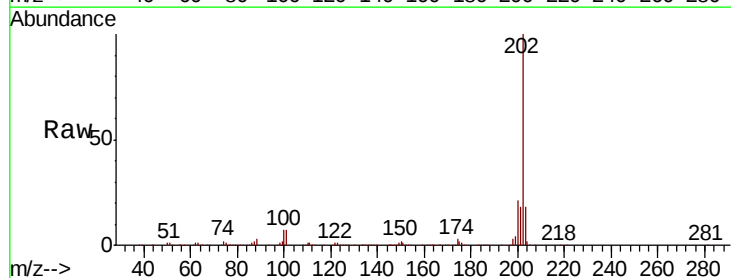
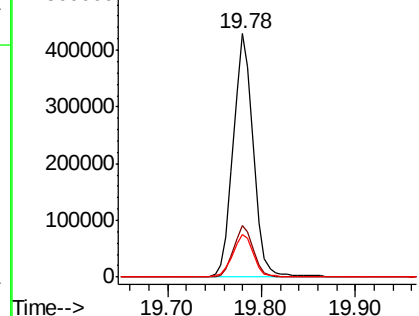
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	17.7	14.8	22.2

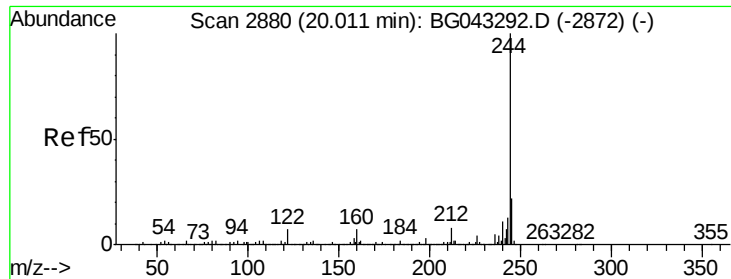
Abundance

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





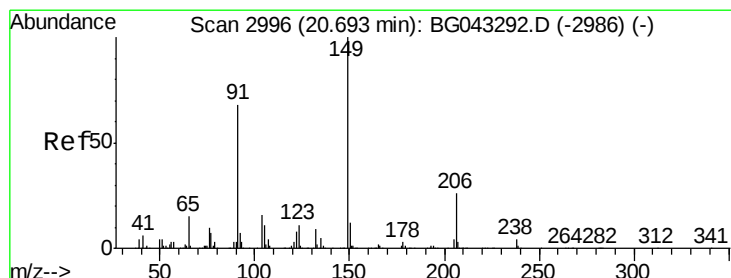
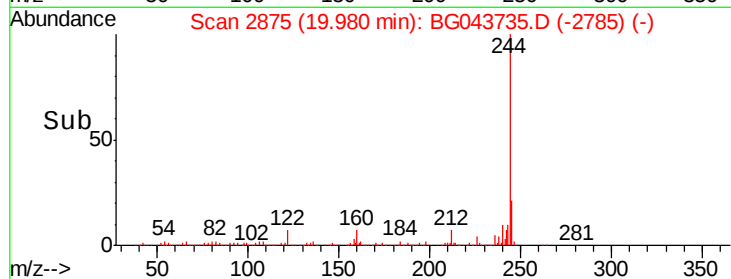
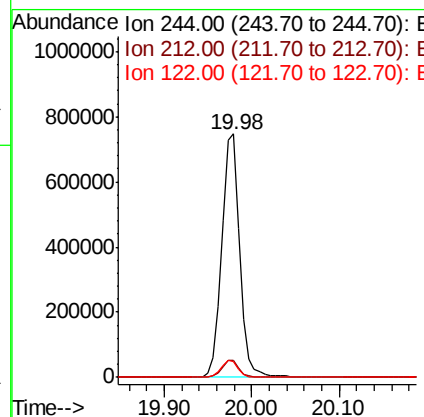
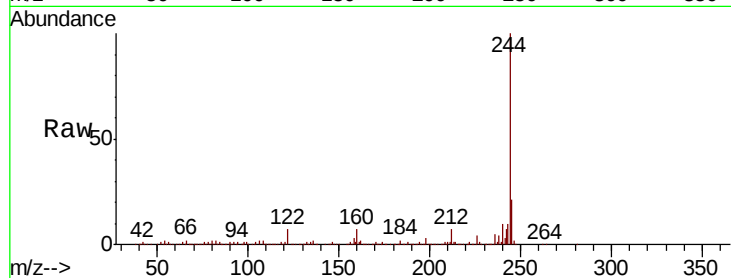
#79
 Terphenyl-d14
 Concen: 93.675 ng
 RT: 19.98 min Scan# 2875
 Delta R.T. -0.00 min
 Lab File: BG043735.D
 Acq: 20 Nov 2019 19:47

Instrument :
 BNA_G
 ClientSampleId :
 600429836MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	6.6	5.2	7.8

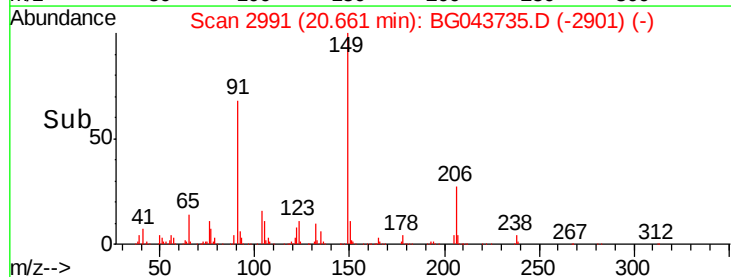
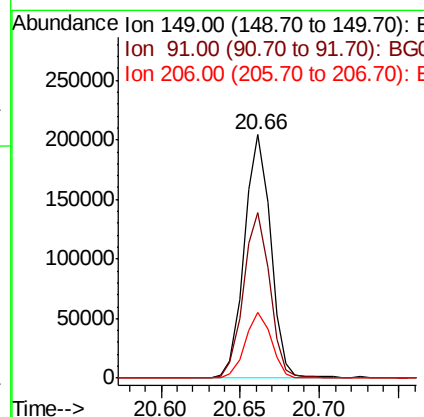
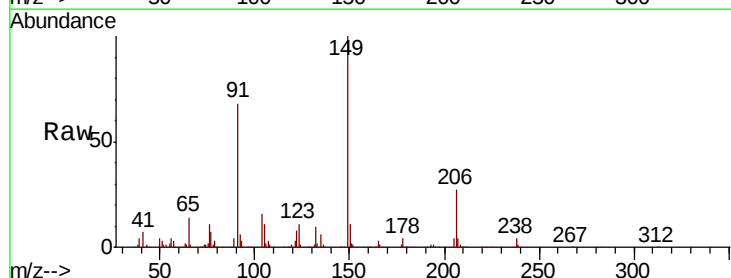
Manual Integrations
 APPROVED

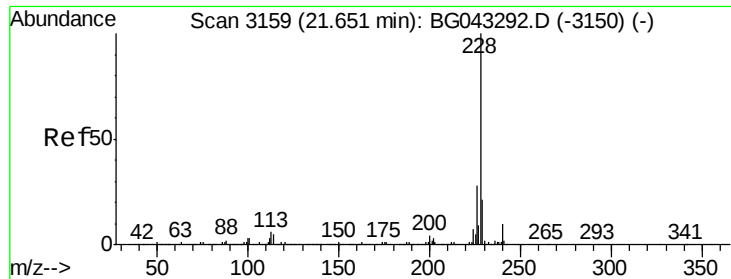
mohammad
 11/21/2019 1:05:33 PM



#80
 Butylbenzylphthalate
 Concen: 46.846 ng
 RT: 20.66 min Scan# 2991
 Delta R.T. -0.00 min
 Lab File: BG043735.D
 Acq: 20 Nov 2019 19:47

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.8	55.4	83.0
206	26.8	20.2	30.4





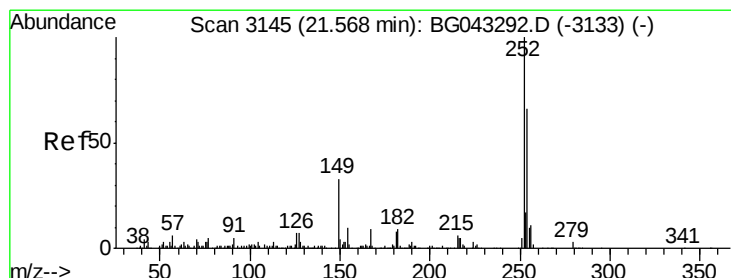
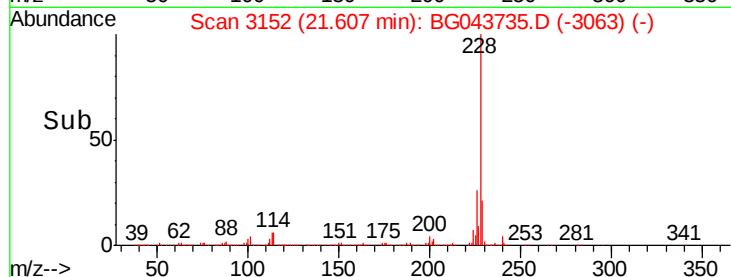
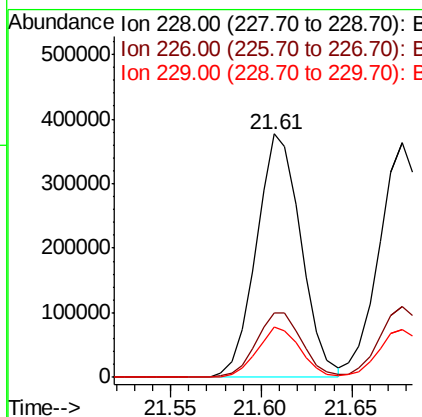
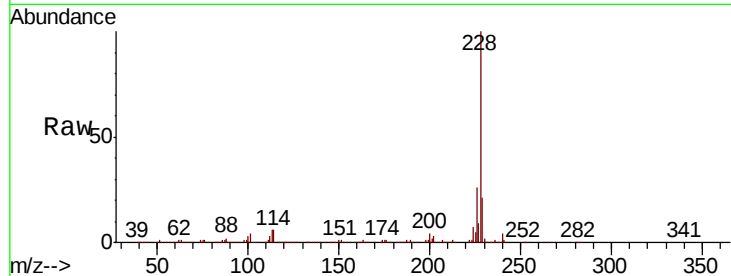
#81
Benzo(a)anthracene
Concen: 48.185 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Instrument :
BNA_G
ClientSampleId :
600429836MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.8	32.6
229	20.7	15.9	23.9

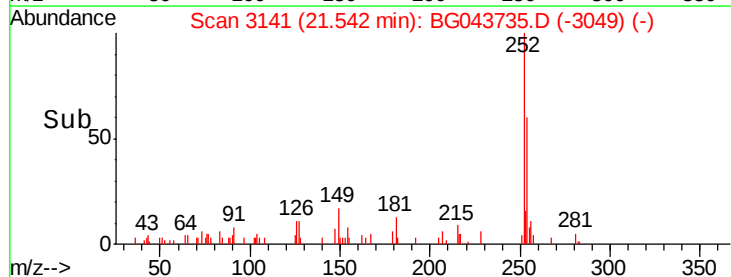
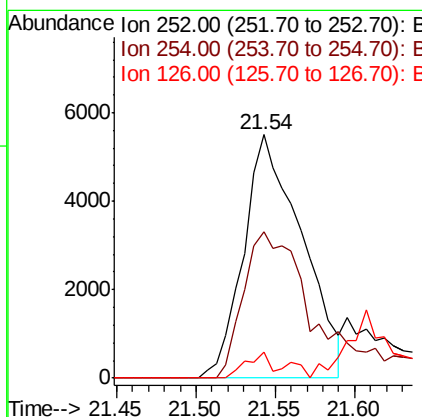
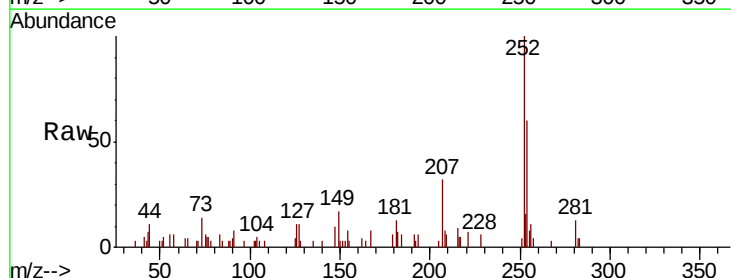
Manual Integrations
APPROVED

mohammad
11/21/2019 1:05:33 PM



#82
3,3'-Dichlorobenzidine
Concen: 2.707 ng
RT: 21.54 min Scan# 3141
Delta R.T. 0.01 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Tgt Ion	Ratio	Lower	Upper
252	100		
254	60.0	50.2	75.4
126	10.7	5.4	8.0#





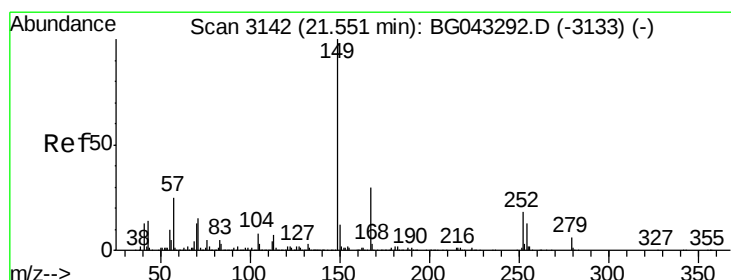
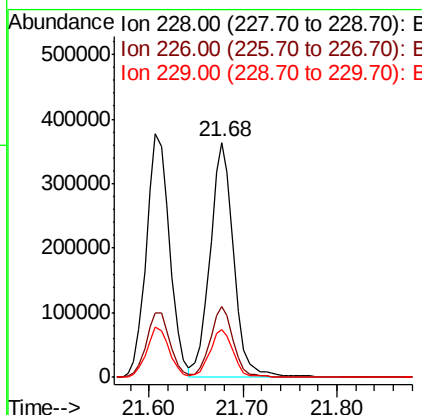
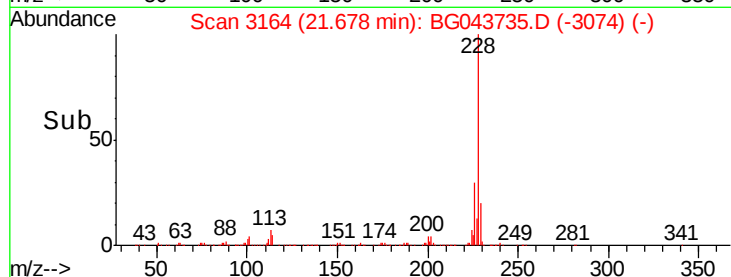
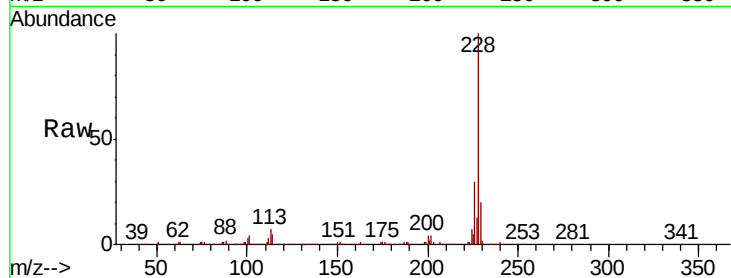
#83
Chrysene
Concen: 47.505 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.00 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Instrument :
BNA_G
ClientSampleId :
600429836MS

Tot Ion:	228	Resp:	632940
Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.3	34.9
229	20.1	16.5	24.7

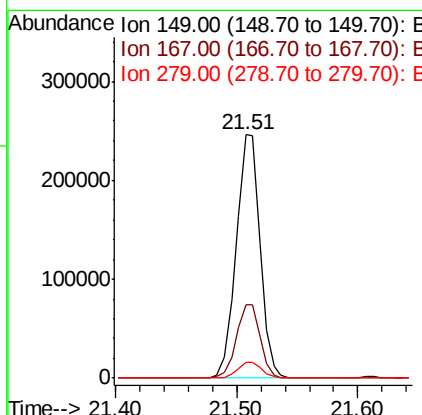
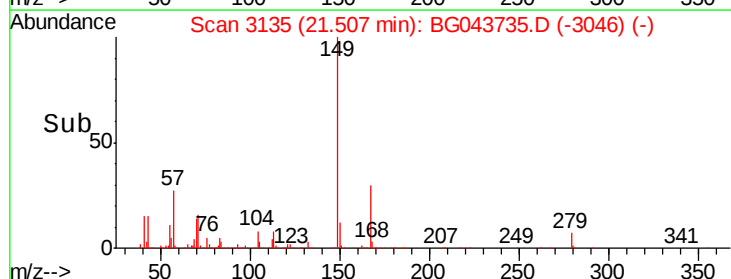
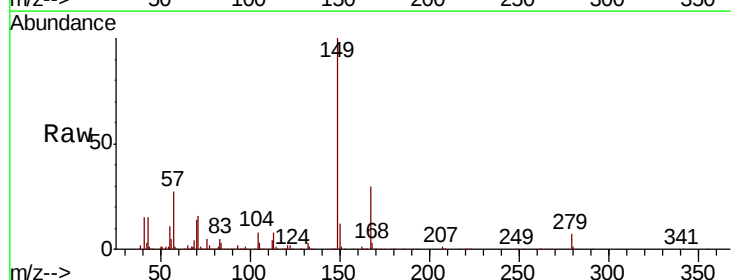
Manual Integrations
APPROVED

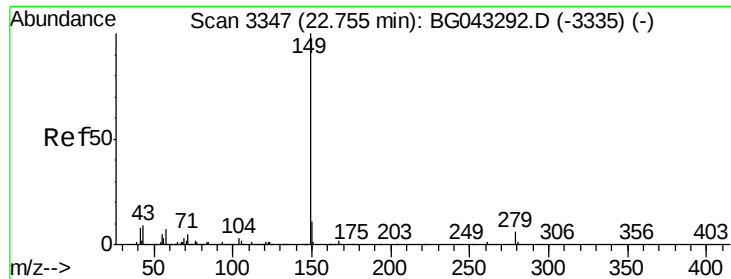
mohammad
11/21/2019 1:05:33 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.556 ng
RT: 21.51 min Scan# 3135
Delta R.T. -0.01 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Tgt Ion:	149	Resp:	339149
Ion	Ratio	Lower	Upper
149	100		
167	29.9	24.8	37.2
279	6.7	5.4	8.0





#85

Di-n-octyl phthalate

Concen: 48.884 ng

RT: 22.70 min Scan# 3338

Delta R.T. -0.01 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

Instrument :

BNA_G

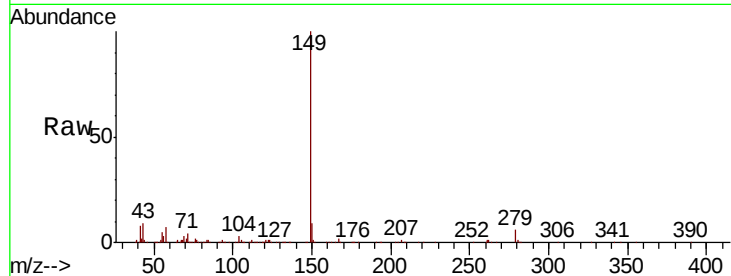
ClientSampleId :

600429836MS

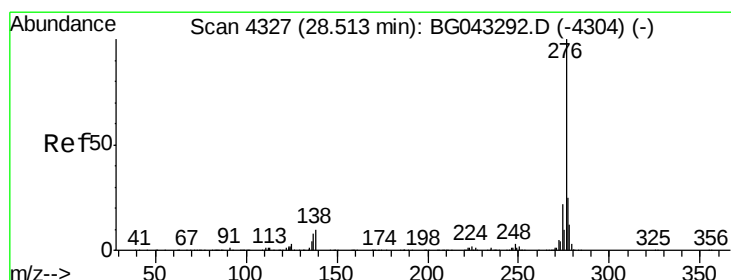
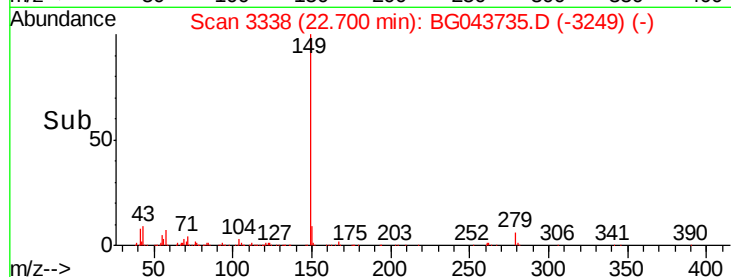
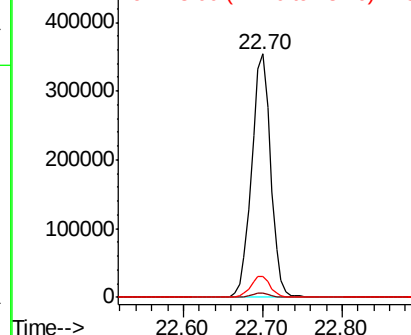
Tot Ion:	149	Resp:	591453
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.2
43	8.9	7.8	11.8

Manual Integrations
APPROVED

mohammad
11/21/2019 1:05:33 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.371 ng

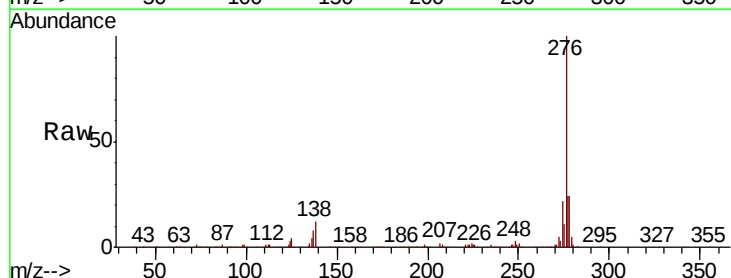
RT: 28.43 min Scan# 4313

Delta R.T. -0.01 min

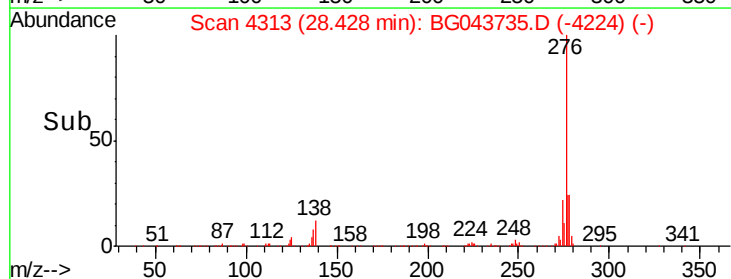
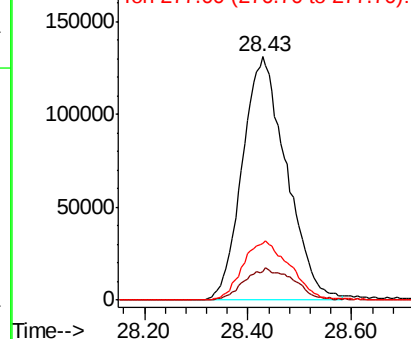
Lab File: BG043735.D

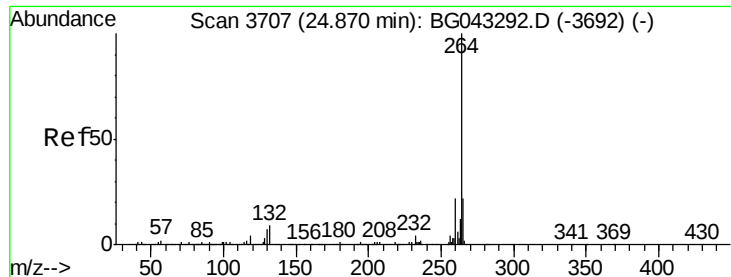
Acq: 20 Nov 2019 19:47

Tgt Ion:	276	Resp:	775537
Ion Ratio	Lower	Upper	
276	100		
138	14.4	11.3	16.9
277	25.9	20.6	31.0



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.80 min Scan# 3696

Delta R.T. -0.01 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

Instrument :

BNA_G

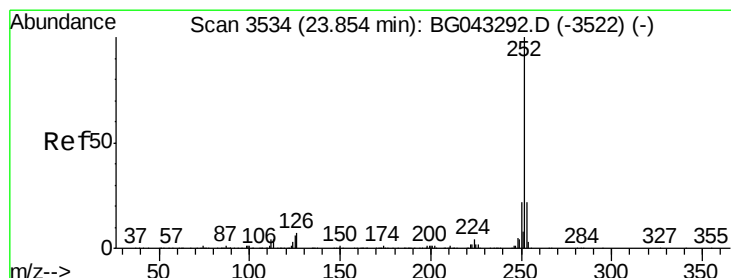
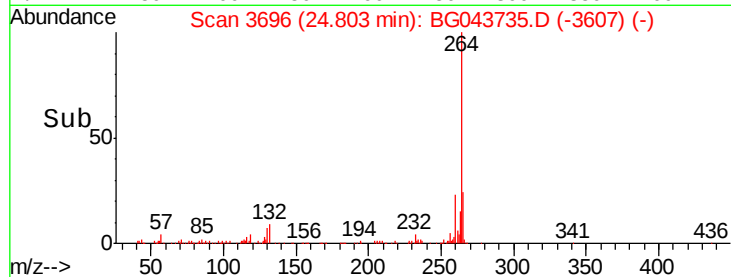
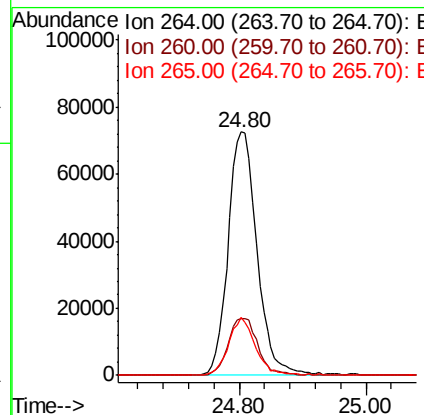
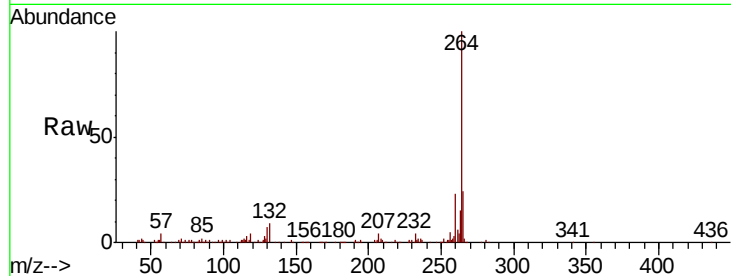
ClientSampleId :

600429836MS

Tot Ion:	264	Resp:	229748
Ion Ratio	Lower	Upper	
264	100		
260	23.4	18.4	27.6
265	24.1	15.8	23.8#

Manual Integrations
APPROVED

mohammad
11/21/2019 1:05:33 PM



#88

Benzo(b)fluoranthene

Concen: 52.036 ng

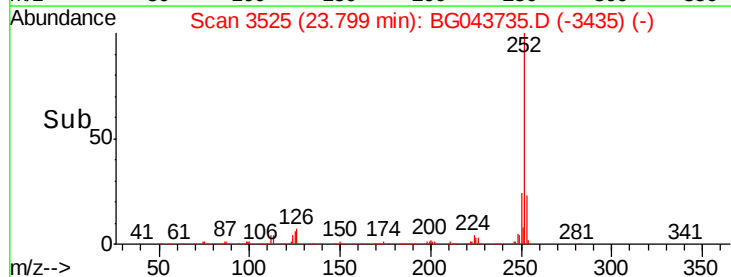
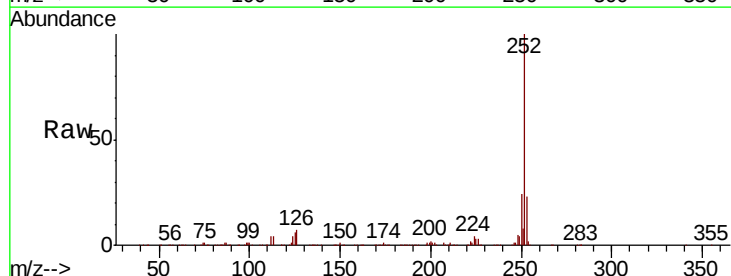
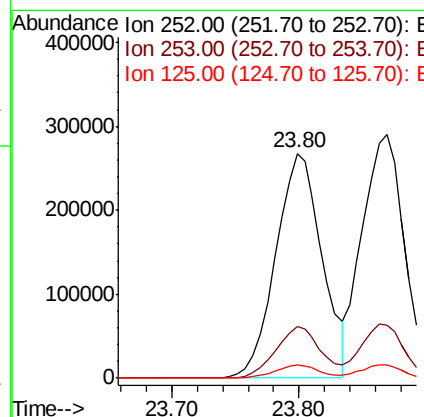
RT: 23.80 min Scan# 3525

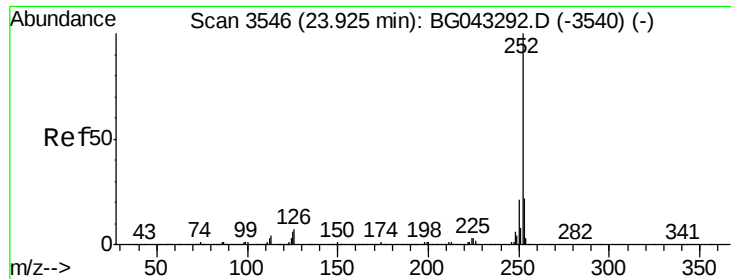
Delta R.T. -0.00 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

Tgt Ion:	252	Resp:	677104
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.7	26.5
125	5.7	4.5	6.7





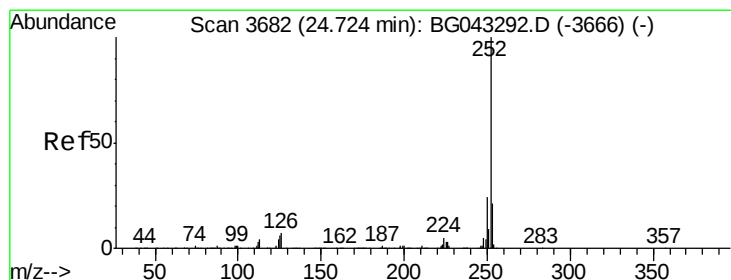
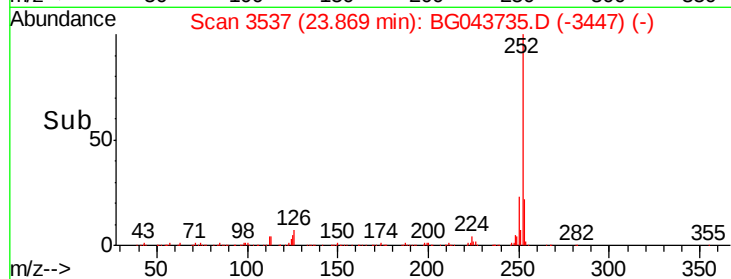
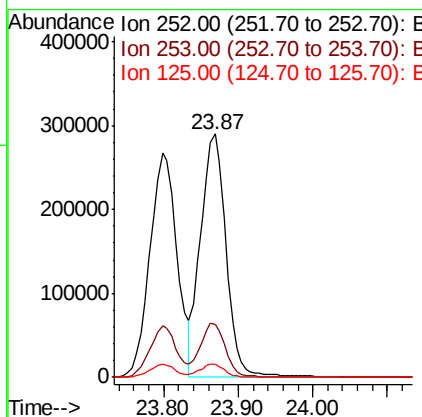
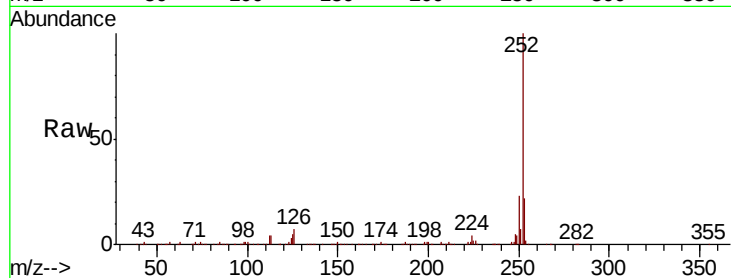
#89
Benzo(k)fluoranthene
Concen: 52.315 ng
RT: 23.87 min Scan# 3537
Delta R.T. -0.00 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Instrument :
BNA_G
ClientSampleId :
600429836MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	5.4	4.7	7.1

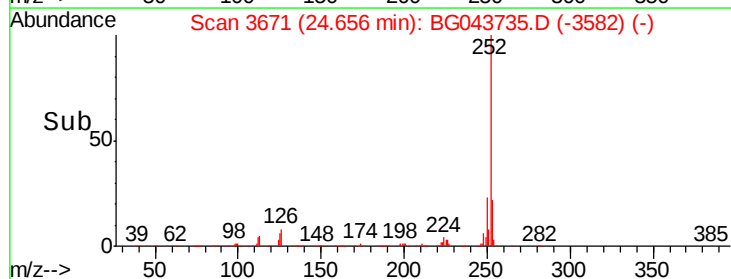
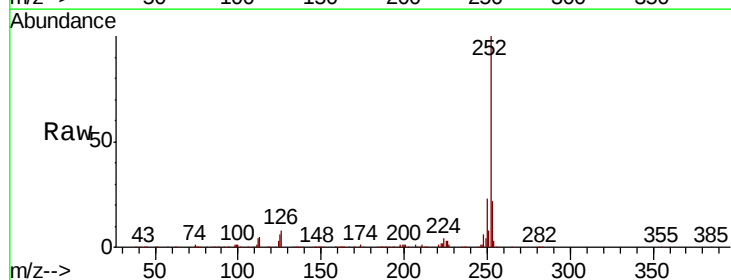
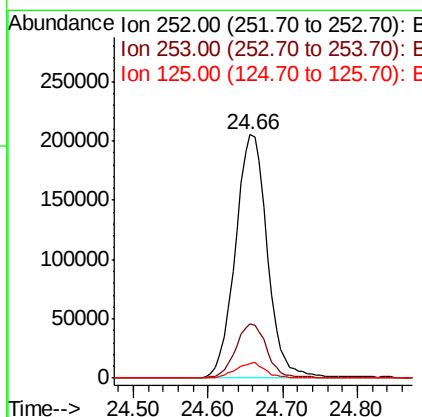
Manual Integrations
APPROVED

mohammad
11/21/2019 1:05:33 PM



#90
Benzo(a)pyrene
Concen: 49.131 ng
RT: 24.66 min Scan# 3671
Delta R.T. -0.01 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	5.8	5.0	7.6





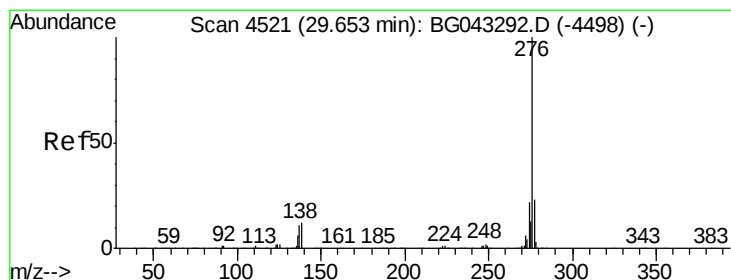
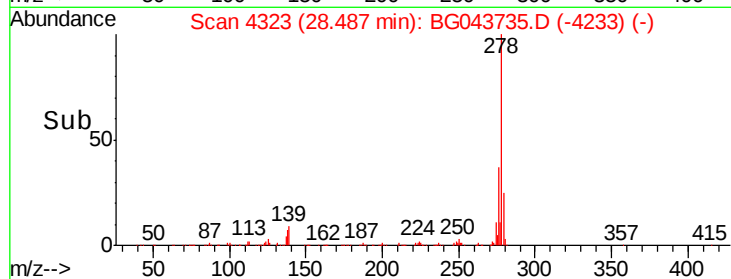
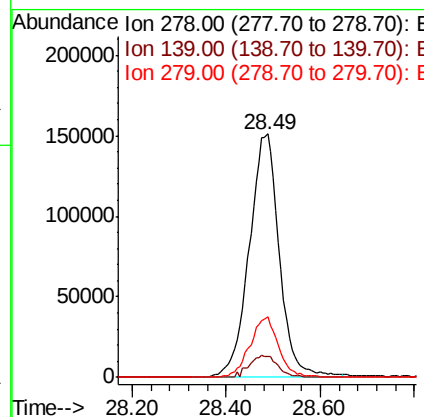
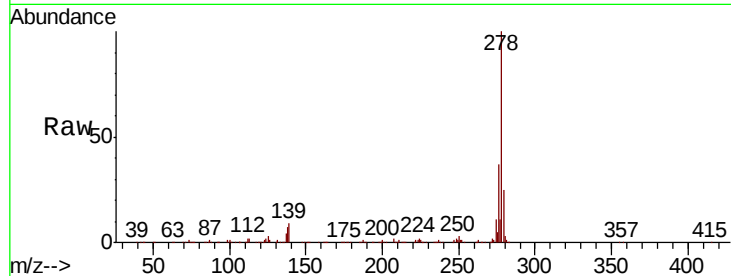
#91
Dibenzo(a,h)anthracene
Concen: 52.938 ng
RT: 28.49 min Scan# 4323
Delta R.T. -0.00 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Instrument :
BNA_G
ClientSampleId :
600429836MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.6	7.2	10.8
279	24.8	19.0	28.4

Manual Integrations
APPROVED

mohammad
11/21/2019 1:05:33 PM



#92
Benzo(g,h,i)perylene
Concen: 50.669 ng
RT: 29.56 min Scan# 4505
Delta R.T. -0.02 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.7	19.8	29.6
138	12.3	9.7	14.5

