

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
 Data File : BG042455.D
 Acq On : 24 Aug 2019 7:02
 Operator : HP/JU
 Sample : K4477-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1(1-3)MS

Manual Integrations
 APPROVED

Jagrut
 8/26/2019 2:02:06 PM

Quant Time: Aug 26 05:15:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	67127	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	261505	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	180141	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	393800	20.00	ng	0.00
76) Chrysene-d12	21.69	240	391710	20.00	ng	0.00
87) Perylene-d12	24.94	264	462527	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	481744	145.35	ng	0.00
7) Phenol-d6	7.17	99	658905	147.17	ng	0.00
23) Nitrobenzene-d5	9.17	82	375235	99.16	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	307455	120.08	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	942775	88.51	ng	0.00
79) Terphenyl-d14	20.03	244	1482446	81.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	53643	38.782	ng	95
3) Pyridine	3.82	79	138061	38.926	ng	97
4) n-Nitrosodimethylamine	3.73	42	57590	45.461	ng	97
6) Aniline	7.32	93	196559	32.917	ng	100
8) 2-Chlorophenol	7.57	128	186839	46.514	ng	97
9) Benzaldehyde	7.13	77	68638	30.623	ng	96
10) Phenol	7.20	94	218163	47.927	ng	97
11) bis(2-Chloroethyl)ether	7.42	93	166104	46.463	ng	98
12) 1,3-Dichlorobenzene	7.89	146	213046	41.692	ng	98
13) 1,4-Dichlorobenzene	8.03	146	213142	41.179	ng	95
14) 1,2-Dichlorobenzene	8.36	146	205230	41.404	ng	99
15) Benzyl Alcohol	8.24	79	141682	43.987	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	221285	45.668	ng	99
17) 2-Methylphenol	8.45	107	153171	45.684	ng	93
18) Hexachloroethane	9.09	117	70881	40.001	ng	95
19) n-Nitroso-di-n-propylamine	8.81	70	123828	42.692	ng	98
20) 3+4-Methylphenols	8.79	107	210397	45.350	ng	97
22) Acetophenone	8.83	105	259148	46.333	ng	100
24) Nitrobenzene	9.22	77	183170	47.799	ng	99
25) Isophorone	9.74	82	339840	45.505	ng	97
26) 2-Nitrophenol	9.93	139	109206	45.476	ng	96
27) 2,4-Dimethylphenol	9.99	122	173645	52.493	ng	98
28) bis(2-Chloroethoxy)methane	10.22	93	217743	46.259	ng	99
29) 2,4-Dichlorophenol	10.47	162	204251	47.193	ng	96
30) 1,2,4-Trichlorobenzene	10.69	180	224719	42.301	ng	99
31) Naphthalene	10.87	128	558192	45.976	ng	99
32) Benzoic acid	10.16	122	96488	41.520	ng	98
33) 4-Chloroaniline	10.98	127	150643	26.878	ng	96
34) Hexachlorobutadiene	11.17	225	142703	39.970	ng	98
35) Caprolactam	11.76	113	63952m	44.283	ng	
36) 4-Chloro-3-methylphenol	12.12	107	190700	46.416	ng	99
37) 2-Methylnaphthalene	12.49	142	439201	45.052	ng	99
38) 1-Methylnaphthalene	12.71	142	409284	44.199	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	266284	46.030	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
 Data File : BG042455.D
 Acq On : 24 Aug 2019 7:02
 Operator : HP/JU
 Sample : K4477-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1(1-3)MS

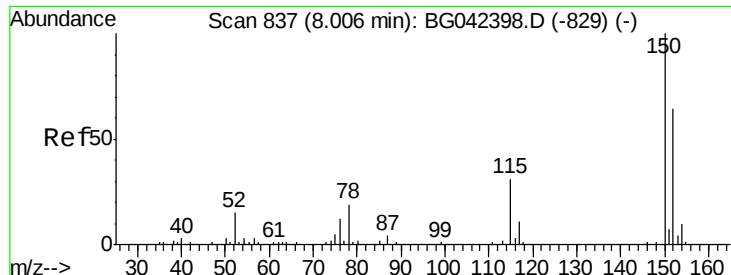
Manual Integrations
 APPROVED

Jagrut
 8/26/2019 2:02:06 PM

Quant Time: Aug 26 05:15:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	142040	46.742	nq	99
43) 2,4,6-Trichlorophenol	13.10	196	178007	45.523	nq	98
44) 2,4,5-Trichlorophenol	13.18	196	188723	46.574	nq	96
46) 1,1'-Biphenyl	13.49	154	550401	47.267	nq	99
47) 2-Chloronaphthalene	13.54	162	452376	45.055	nq	98
48) 2-Nitroaniline	13.74	65	116679	48.190	nq	97
49) Acenaphthylene	14.39	152	711410	47.095	nq	99
50) Dimethylphthalate	14.12	163	722317	55.572	nq	100
51) 2,6-Dinitrotoluene	14.23	165	133304	44.246	nq	97
52) Acenaphthene	14.73	154	416377	45.394	nq	99
53) 3-Nitroaniline	14.56	138	108643	36.057	nq	96
54) 2,4-Dinitrophenol	14.78	184	64912	35.722	nq	98
55) Dibenzofuran	15.06	168	693374	45.668	nq	98
56) 4-Nitrophenol	14.89	139	236632	110.523	nq	98
57) 2,4-Dinitrotoluene	15.03	165	189834	44.001	nq	92
58) Fluorene	15.71	166	559010	45.040	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	184287m	45.988	nq	
60) Diethylphthalate	15.48	149	547528	43.092	nq	98
61) 4-Chlorophenyl-phenylether	15.70	204	319494	42.703	nq	98
62) 4-Nitroaniline	15.73	138	129624	40.196	nq	99
63) Azobenzene	16.00	77	426656	49.004	nq	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	60406	24.466	nq	94
66) n-Nitrosodiphenylamine	15.92	169	513199	47.388	nq	97
67) 4-Bromophenyl-phenylether	16.60	248	219736	43.990	nq	98
68) Hexachlorobenzene	16.72	284	225703	41.566	nq	# 94
69) Atrazine	16.87	200	190931	49.855	nq	99
70) Pentachlorophenol	17.07	266	270709	95.950	nq	97
71) Phenanthrene	17.46	178	924894	47.283	nq	98
72) Anthracene	17.55	178	942054	48.243	nq	98
73) Carbazole	17.82	167	828322	47.595	nq	98
74) Di-n-butylphthalate	18.38	149	974553	47.371	nq	99
75) Fluoranthene	19.47	202	1157574	48.490	nq	98
77) Benzidine	19.64	184	664785	59.195	nq	99
78) Pyrene	19.83	202	1150289	47.898	nq	98
80) Butylbenzylphthalate	20.71	149	457442	48.428	nq	99
81) Benzo(a)anthracene	21.68	228	1103173	46.296	nq	99
82) 3,3'-Dichlorobenzidine	21.58	252	372365	38.855	nq	# 98
83) Chrysene	21.74	228	1067996	46.474	nq	97
84) Bis(2-ethylhexyl)phthalate	21.58	149	634588	48.386	nq	99
85) Di-n-octyl phthalate	22.79	149	1099120	48.727	nq	99
86) Indeno(1,2,3-cd)pyrene	28.65	276	1341923	42.969	nq	# 93
88) Benzo(b)fluoranthene	23.91	252	1176660	46.274	nq	98
89) Benzo(k)fluoranthene	23.97	252	1186353	48.538	nq	98
90) Benzo(a)pyrene	24.79	252	1186600	49.177	nq	99
91) Dibenzo(a,h)anthracene	28.71	278	1118615	45.787	nq	98
92) Benzo(g,h,i)perylene	29.81	276	1062707	43.492	nq	# 96

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



#1

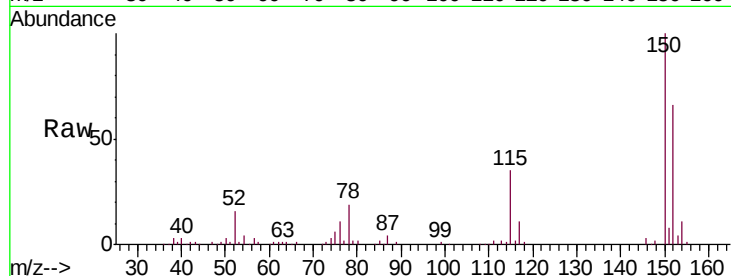
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Instrument :
BNA_G
ClientSampleId :
TP-1(1-3)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	125.4	188.0
115	53.6	38.5	57.7

Manual Integrations
APPROVED

Jagrut
8/26/2019 2:02:06 PM

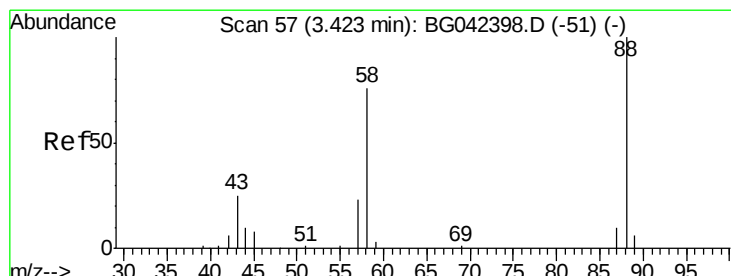
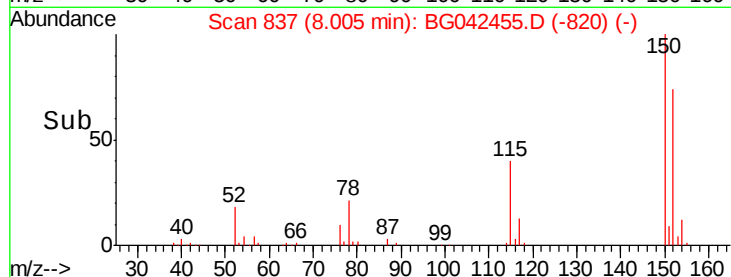
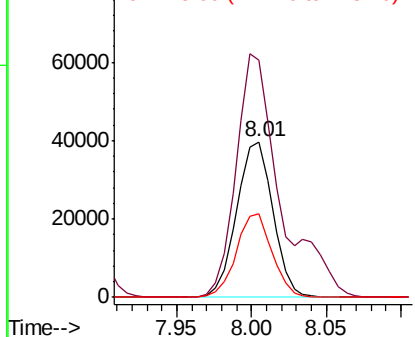


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

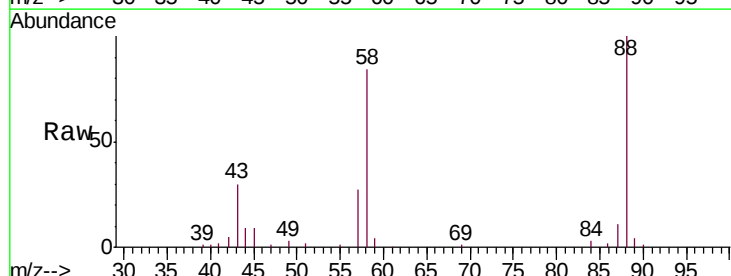
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.782 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.01 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.1	58.3	87.5
43	24.3	20.2	30.2

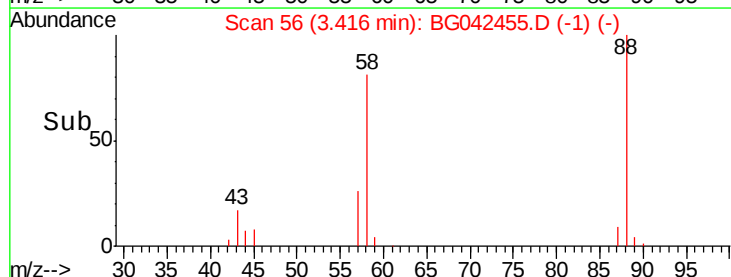
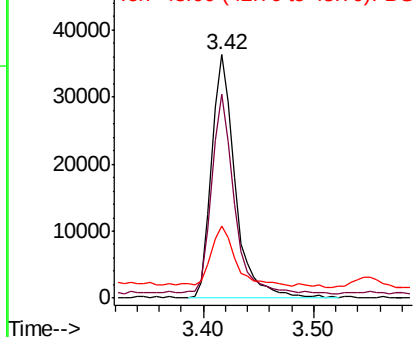


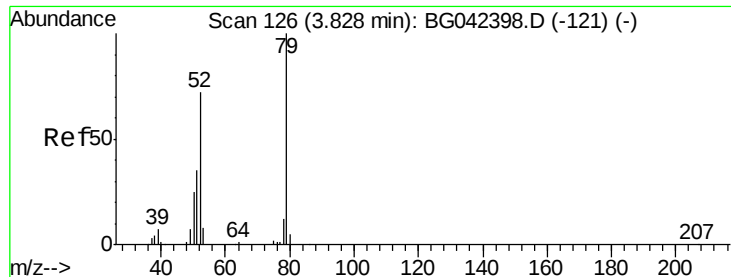
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 38.926 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.01 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

Instrument :

BNA_G

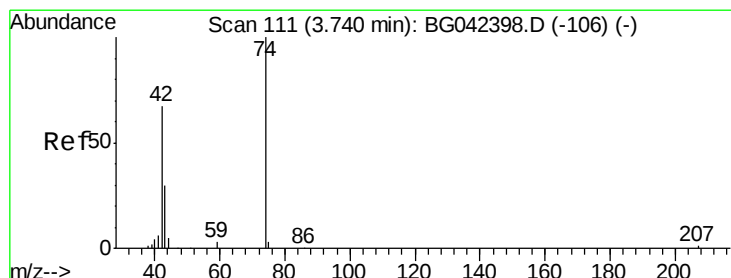
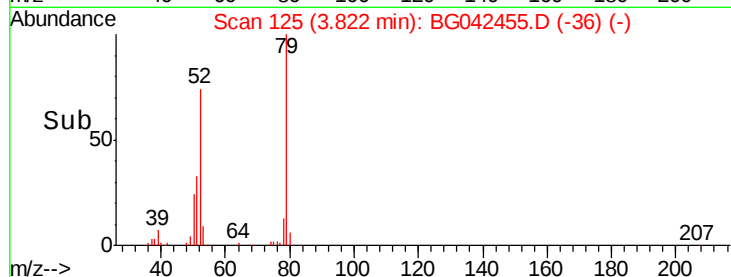
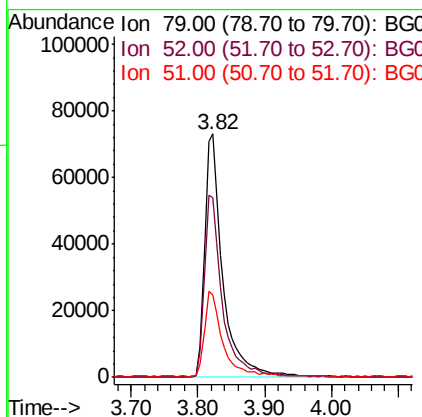
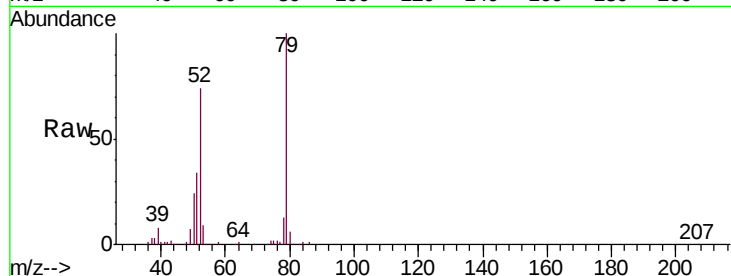
ClientSampled :

TP-1(1-3)MS

Tot Ion:	79	Resp:	138061
Ion Ratio	Lower	Upper	
79	100		
52	73.8	57.7	86.5
51	33.8	28.8	43.2

Manual Integrations
APPROVED

Jagrut
8/26/2019 2:02:06 PM



#4

n-Nitrosodimethylamine

Concen: 45.461 ng

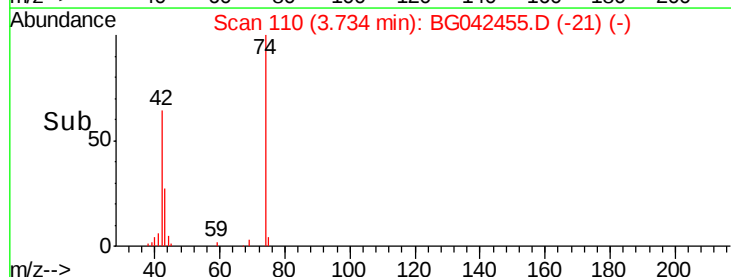
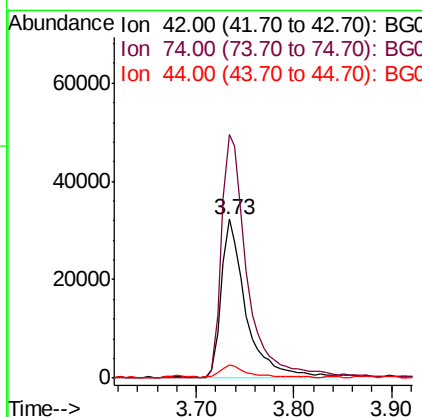
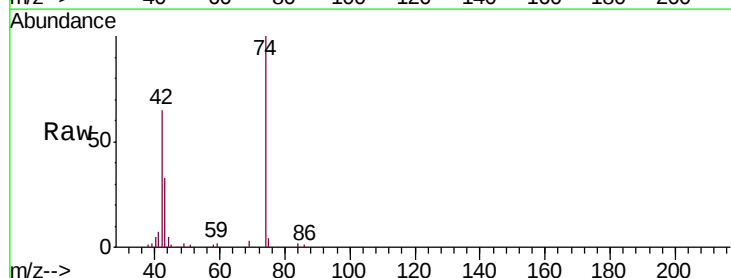
RT: 3.73 min Scan# 110

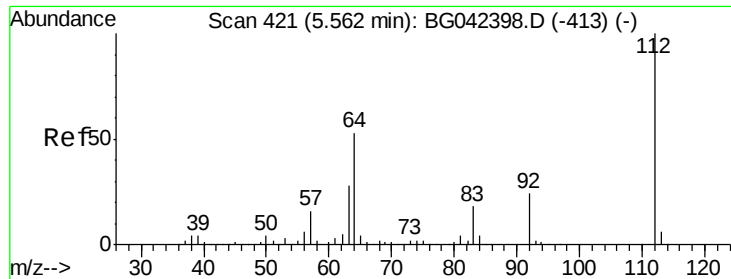
Delta R.T. -0.01 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

Tgt Ion:	42	Resp:	57590
Ion Ratio	Lower	Upper	
42	100		
74	153.4	119.6	179.4
44	8.4	6.5	9.7





#5

2-Fluorophenol

Concen: 145.347 ng

RT: 5.56 min Scan# 421

Delta R.T. -0.00 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

Instrument :

BNA_G

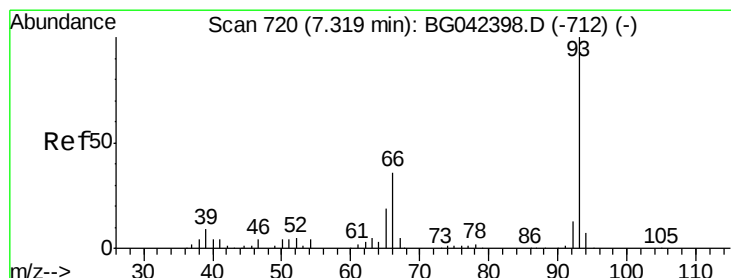
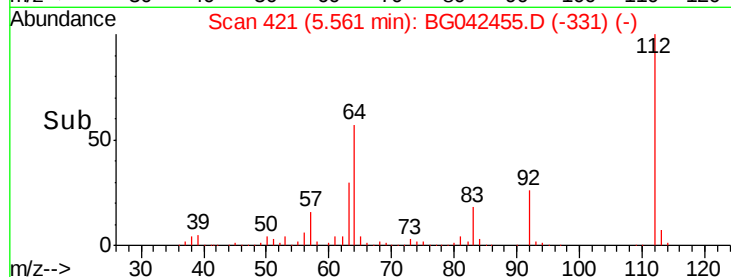
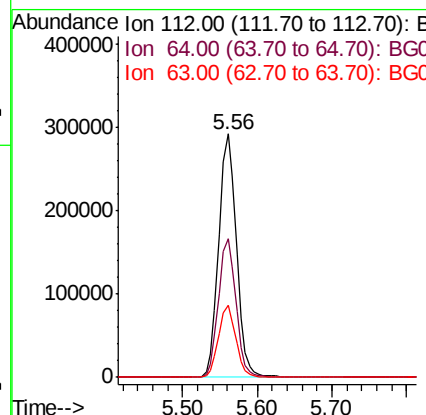
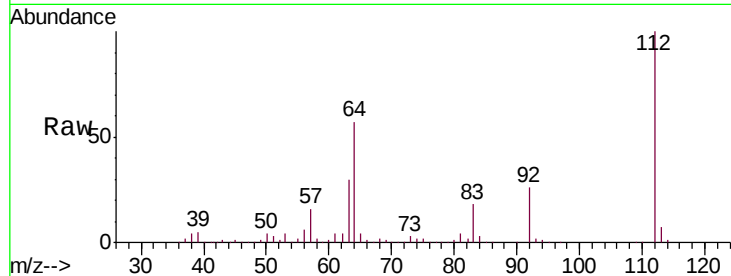
ClientSampleId :

TP-1(1-3)MS

Tot Ion:	112	Resp:	481744
Ion Ratio	Lower	Upper	
112	100		
64	57.0	42.8	64.2
63	29.7	22.7	34.1

Manual Integrations
APPROVED

Jagrut
8/26/2019 2:02:06 PM



#6

Aniline

Concen: 32.917 ng

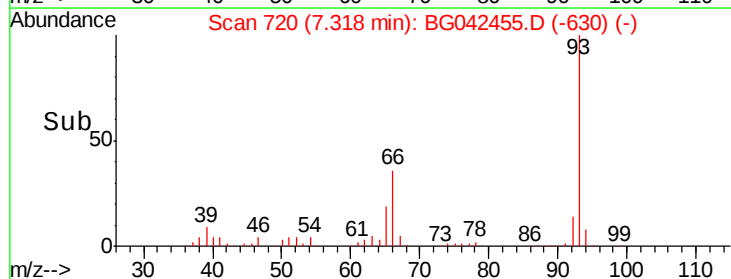
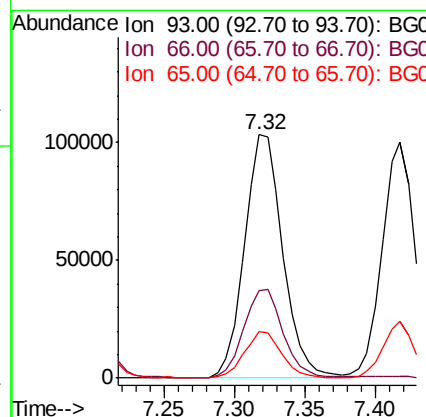
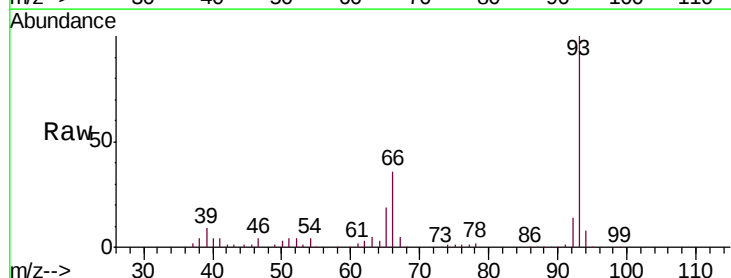
RT: 7.32 min Scan# 720

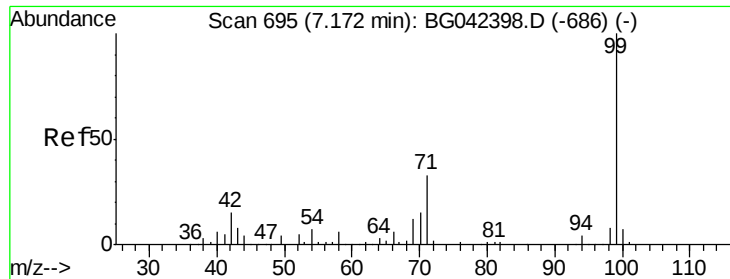
Delta R.T. -0.00 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

Tgt Ion:	93	Resp:	196559
Ion Ratio	Lower	Upper	
93	100		
66	36.1	29.0	43.6
65	19.2	15.2	22.8





#7

Phenol-d6

Concen: 147.174 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

Instrument :

BNA_G

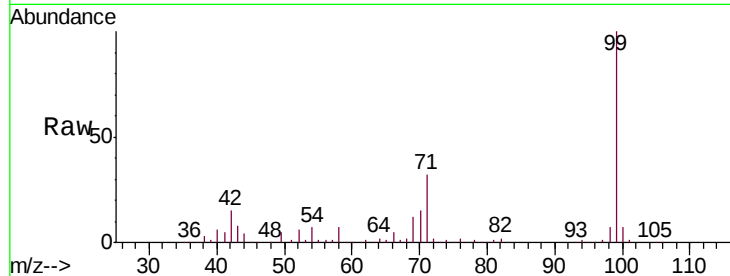
ClientSampleId :

TP-1(1-3)MS

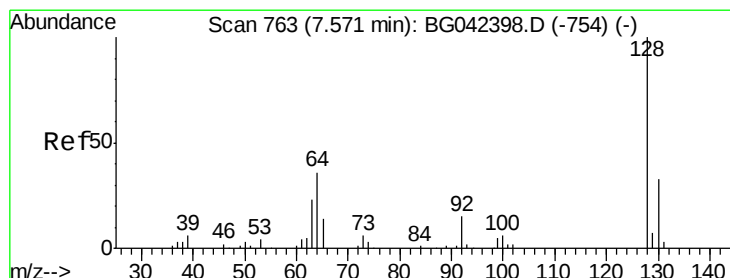
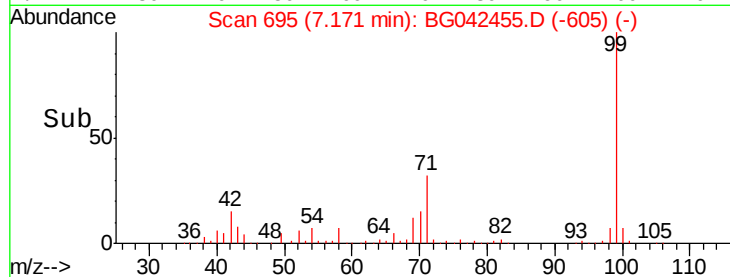
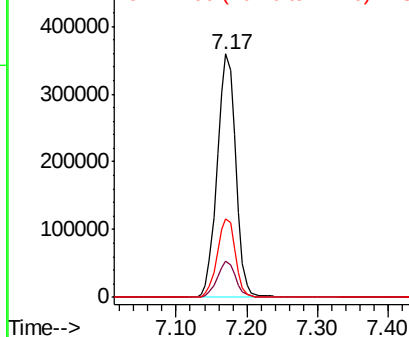
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		658905		
42	14.8	12.0	18.0		
71	32.1	26.3	39.5		

Manual Integrations
APPROVED

Jagrut
8/26/2019 2:02:06 PM



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



#8

2-Chlorophenol

Concen: 46.514 ng

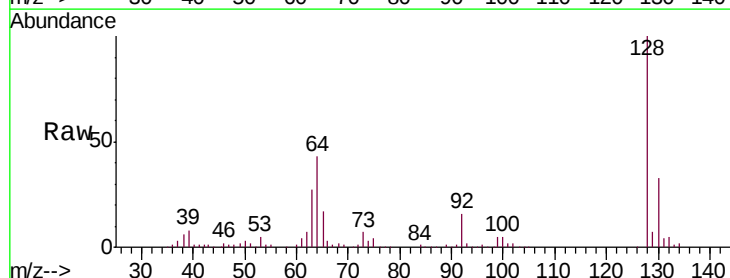
RT: 7.57 min Scan# 763

Delta R.T. -0.00 min

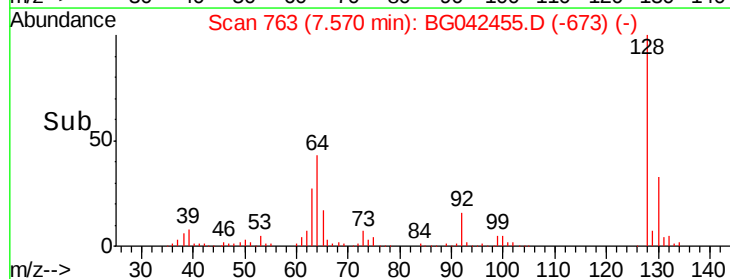
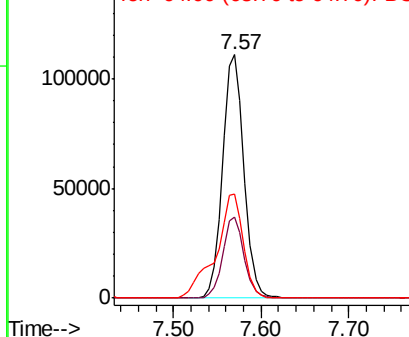
Lab File: BG042455.D

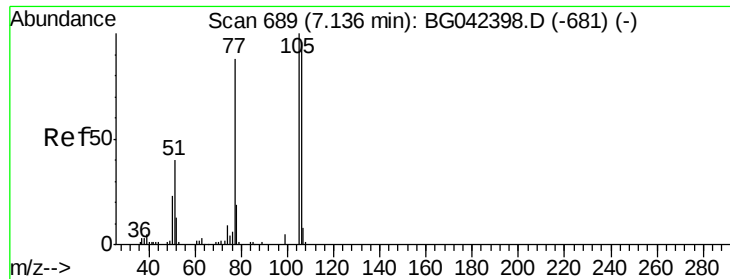
Acq: 24 Aug 2019 7:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		186839		
130	33.1	12.8	52.8		
64	42.7	19.2	59.2		



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





#9

Benzaldehyde

Concen: 30.623 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

Instrument :

BNA_G

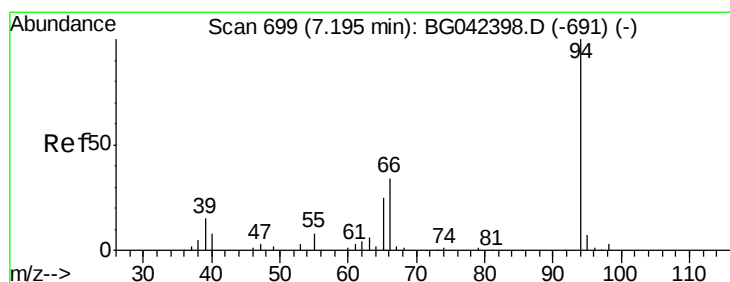
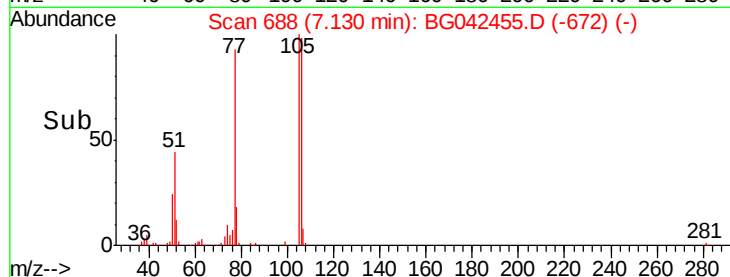
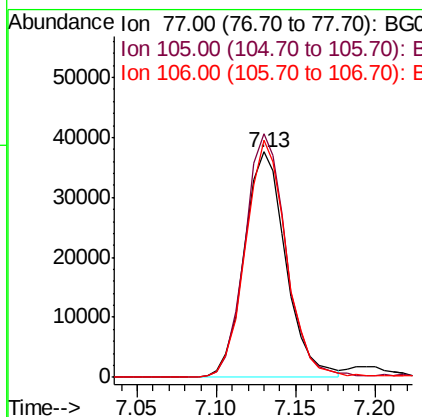
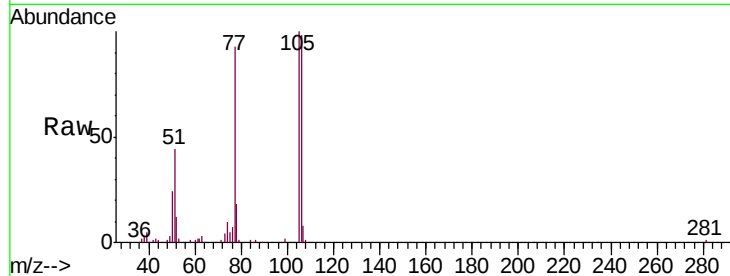
ClientSampled :

TP-1(1-3)MS

Tot Ion:	77	Resp:	68638
Ion	Ratio	Lower	Upper
77	100		
105	108.0	93.4	133.4
106	105.3	88.4	128.4

Manual Integrations
APPROVED

Jagrut
8/26/2019 2:02:06 PM



#10

Phenol

Concen: 47.927 ng

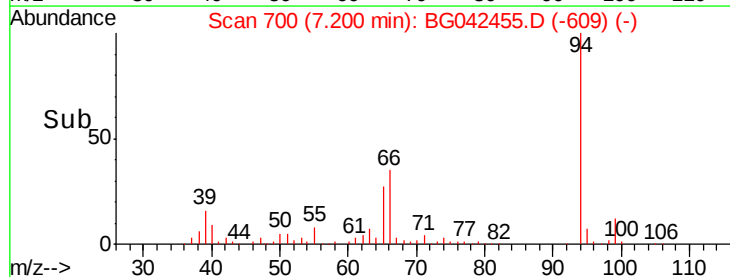
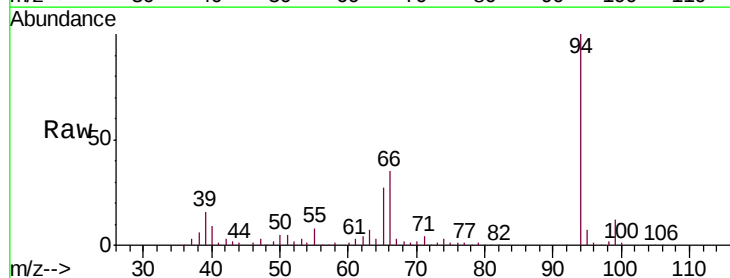
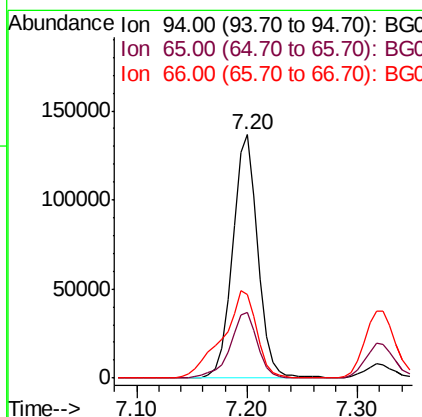
RT: 7.20 min Scan# 700

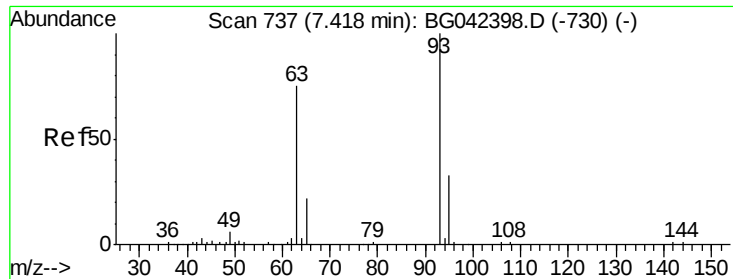
Delta R.T. 0.00 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

Tgt Ion:	94	Resp:	218163
Ion	Ratio	Lower	Upper
94	100		
65	27.2	5.6	45.6
66	34.5	16.0	56.0





#11

bis(2-Chloroethyl)ether

Concen: 46.463 ng

RT: 7.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

Instrument :

BNA_G

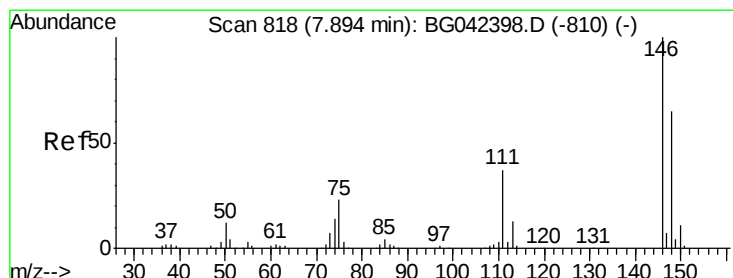
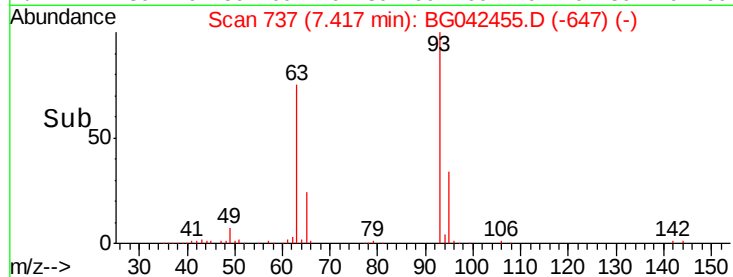
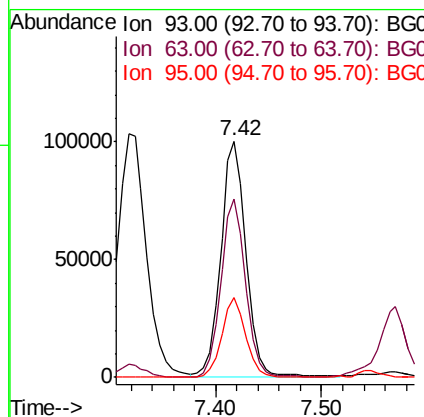
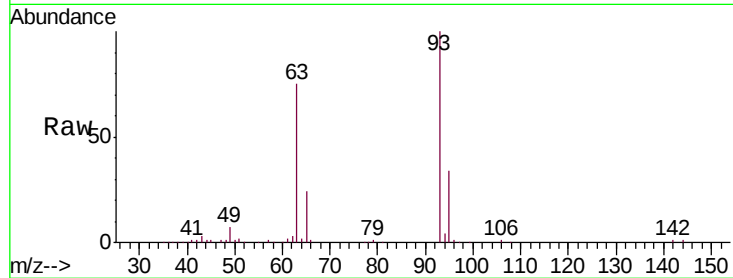
ClientSampled :

TP-1(1-3)MS

Tot Ion:	93	Resp:	166104
Ion Ratio	Lower	Upper	
93	100		
63	75.4	53.8	93.8
95	33.6	13.1	53.1

Manual Integrations
APPROVED

Jagrut
8/26/2019 2:02:06 PM



#12

1,3-Dichlorobenzene

Concen: 41.692 ng

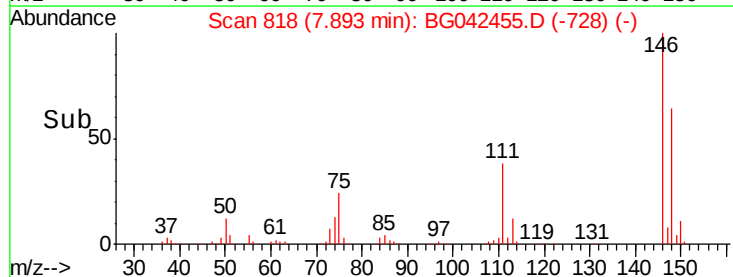
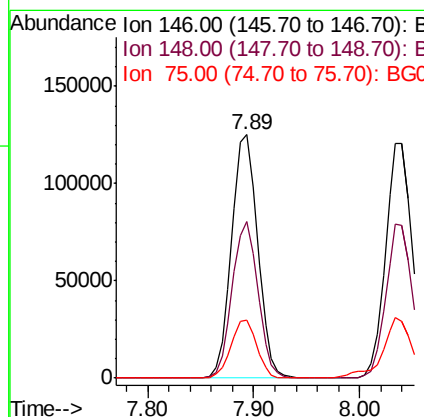
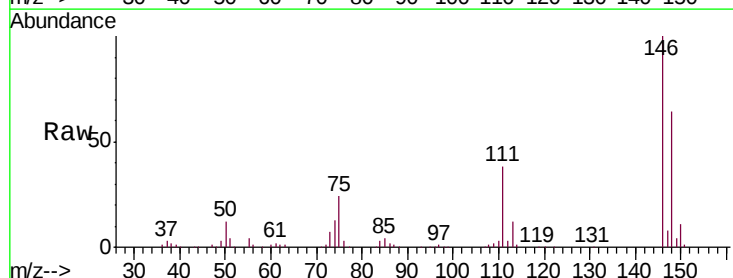
RT: 7.89 min Scan# 818

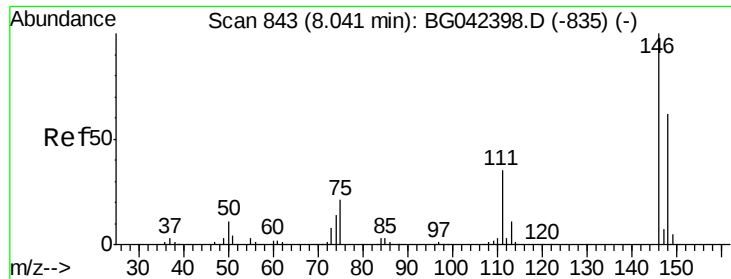
Delta R.T. -0.00 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

Tgt Ion:	146	Resp:	213046
Ion Ratio	Lower	Upper	
146	100		
148	64.4	52.2	78.2
75	24.0	18.0	27.0





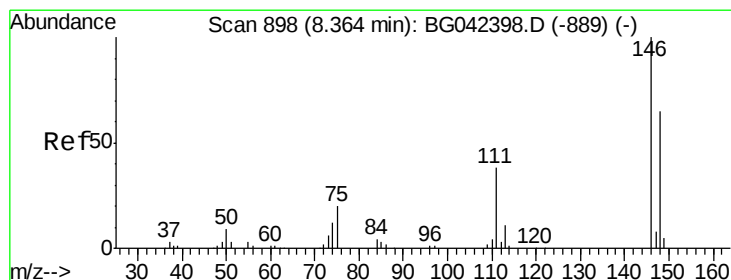
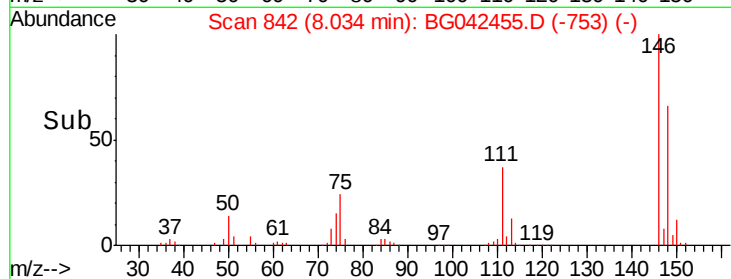
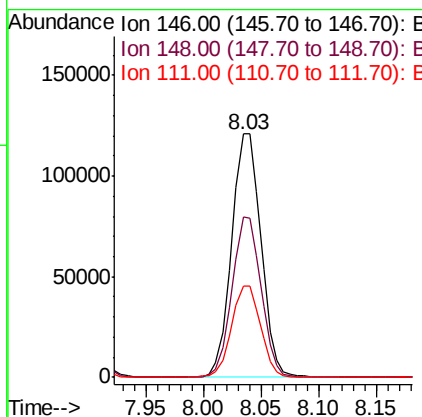
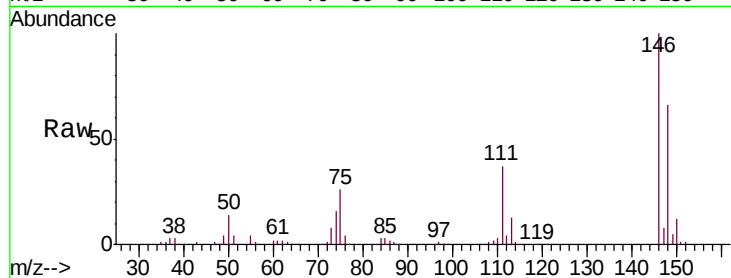
#13
 1,4-Dichlorobenzene
 Concen: 41.179 ng
 RT: 8.03 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BG042455.D
 Acq: 24 Aug 2019 7:02

Instrument :
 BNA_G
 ClientSampleId :
 TP-1(1-3)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.7	49.5	74.3
111	37.4	28.1	42.1

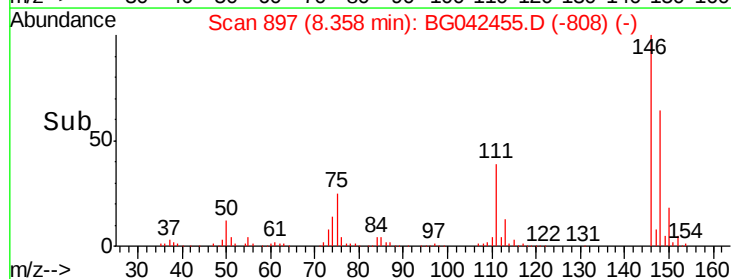
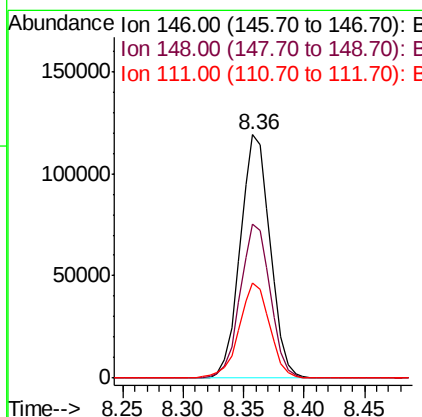
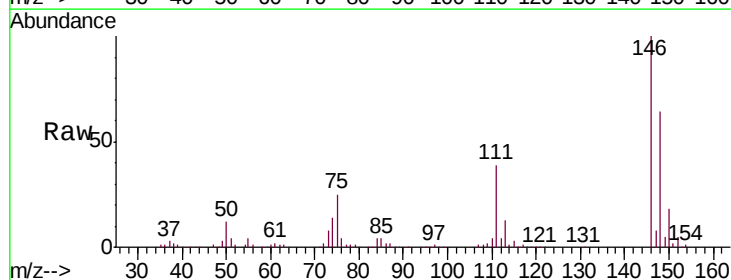
Manual Integrations
 APPROVED

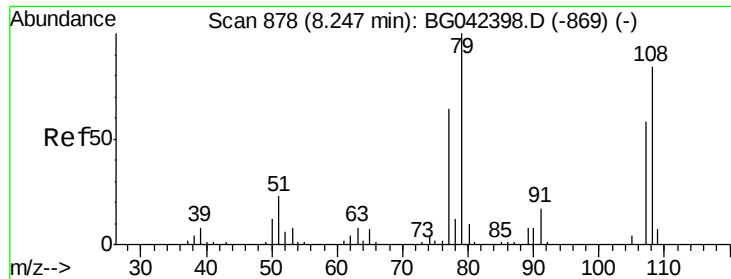
Jagrut
 8/26/2019 2:02:06 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.404 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BG042455.D
 Acq: 24 Aug 2019 7:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.8	77.6
111	39.3	30.9	46.3





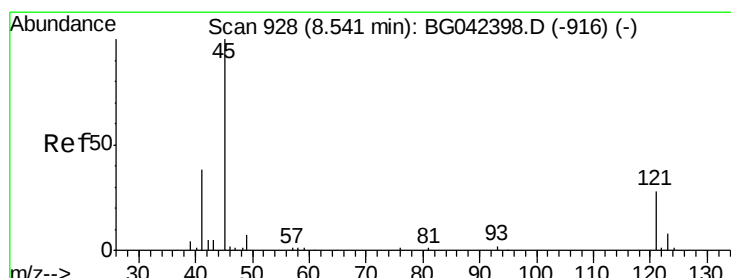
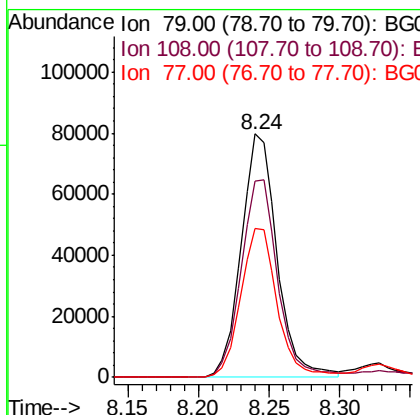
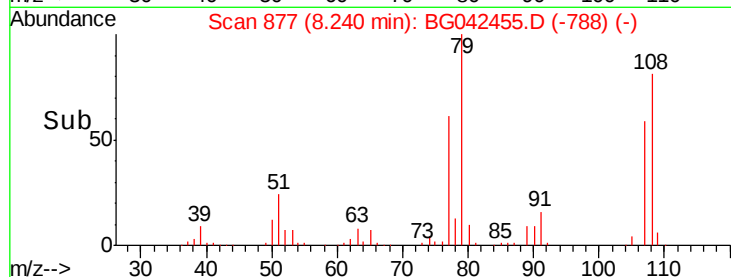
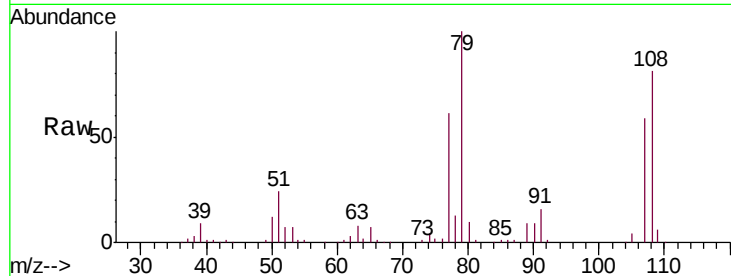
#15
Benzyl Alcohol
Concen: 43.987 ng
RT: 8.24 min Scan# 877
Delta R.T. -0.01 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Instrument :
BNA_G
ClientSampled :
TP-1(1-3)MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.7	67.4	101.2
77	61.4	50.8	76.2

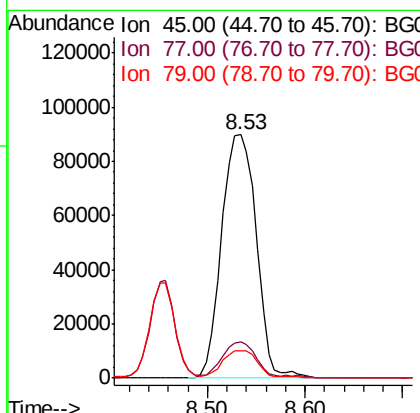
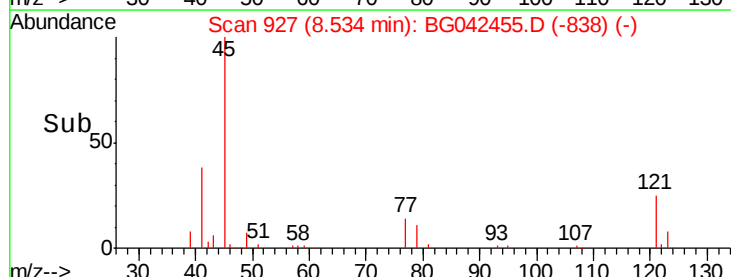
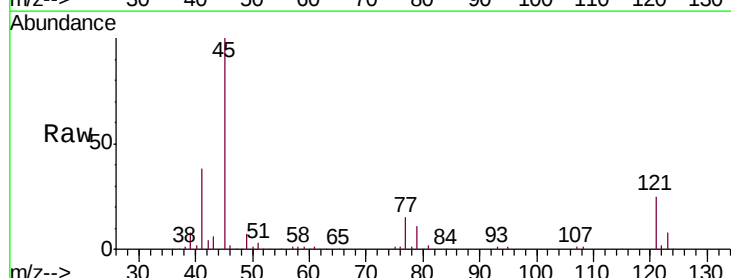
Manual Integrations
APPROVED

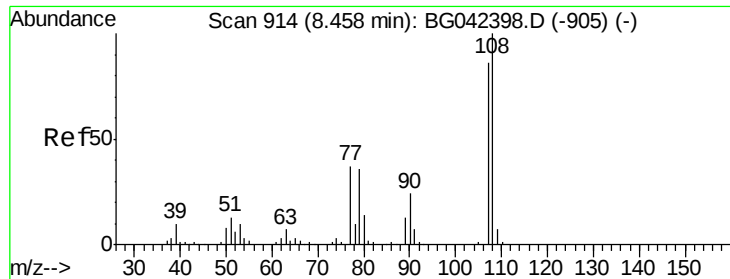
Jagrut
8/26/2019 2:02:06 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.668 ng
RT: 8.53 min Scan# 927
Delta R.T. -0.01 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.8	0.0	35.6
79	11.2	0.0	31.6





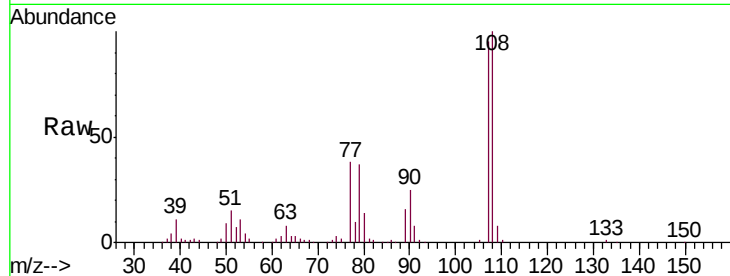
#17
2-Methylphenol
Concen: 45.684 ng
RT: 8.45 min Scan# 913
Delta R.T. -0.01 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Instrument :
BNA_G
ClientSampleId :
TP-1(1-3)MS

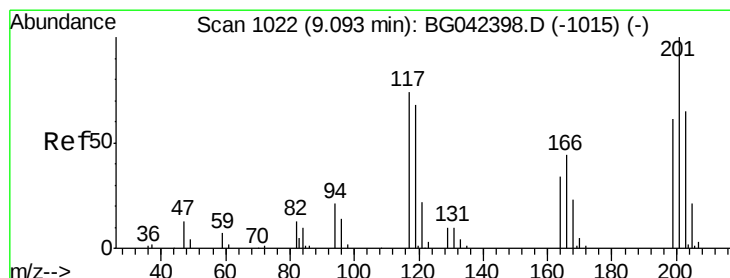
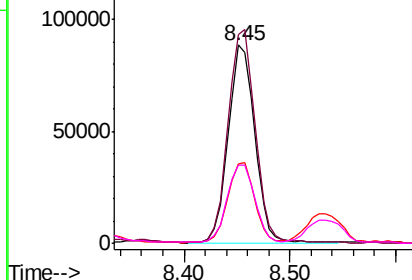
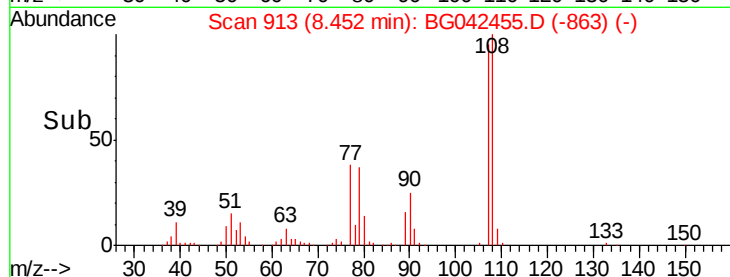
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	105.8	92.9	139.3	
77	40.3	34.4	51.6	
79	39.4	33.8	50.6	

Manual Integrations
APPROVED

Jagrut
8/26/2019 2:02:06 PM

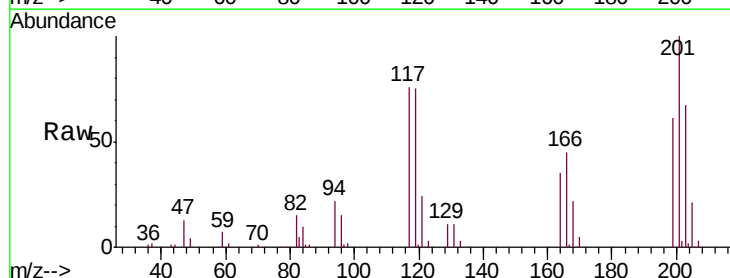


Abundance Ion 107.00 (106.70 to 107.70): E
150000
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

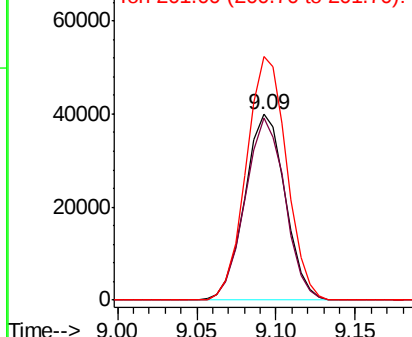
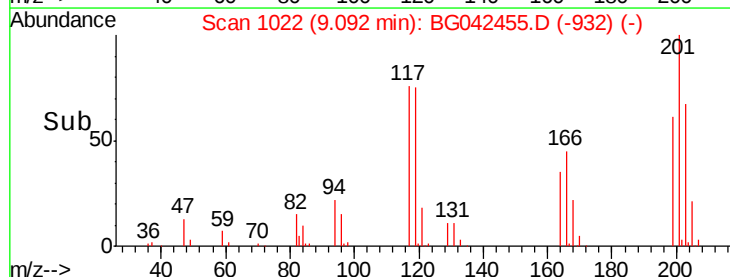


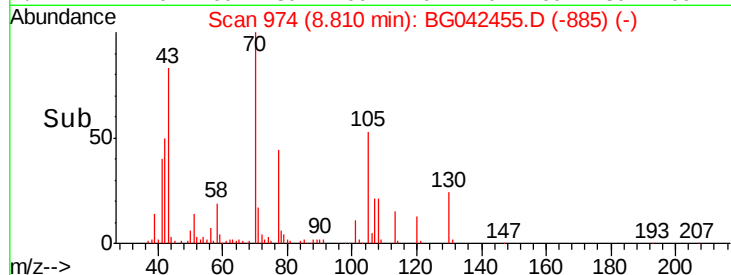
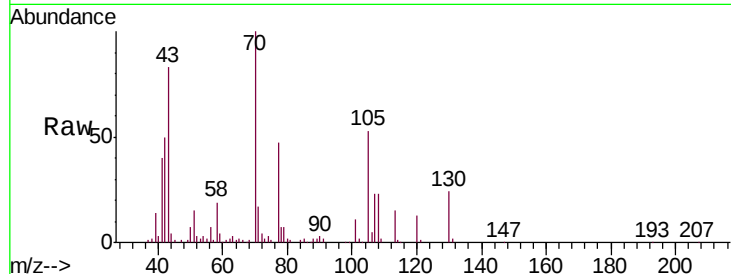
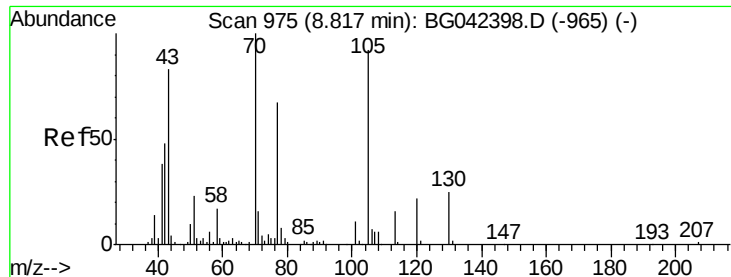
#18
Hexachloroethane
Concen: 40.001 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.3	73.8	110.8	
201	131.0	108.3	162.5	



Abundance Ion 117.00 (116.70 to 117.70): E
60000
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





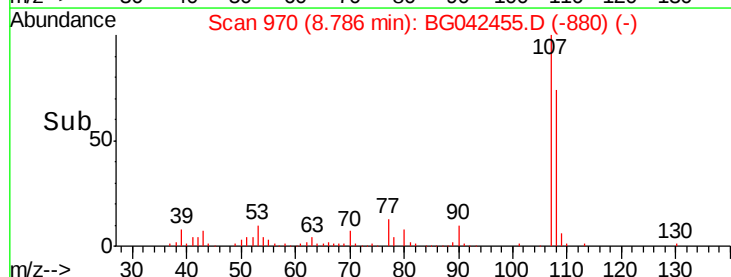
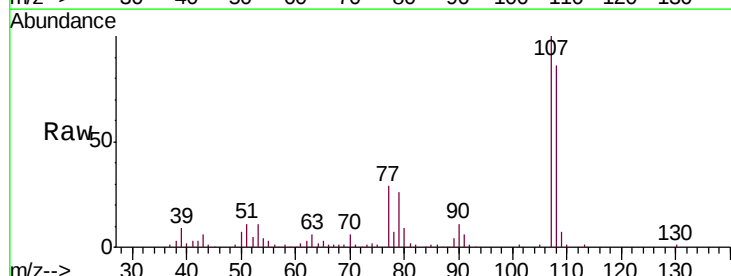
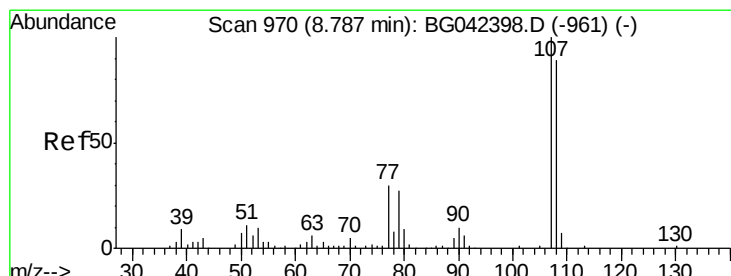
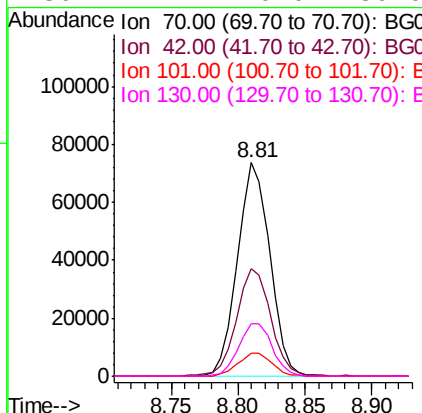
#19
n-Nitroso-di-n-propylamine
Concen: 42.692 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Instrument :
BNA_G
ClientSampled :
TP-1(1-3)MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	50.4	38.8	58.2
101	10.9	9.0	13.6
130	24.4	20.0	30.0

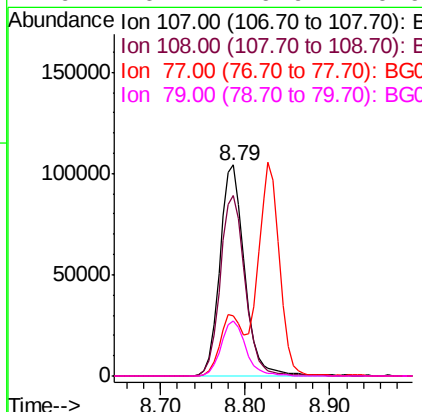
Manual Integrations
APPROVED

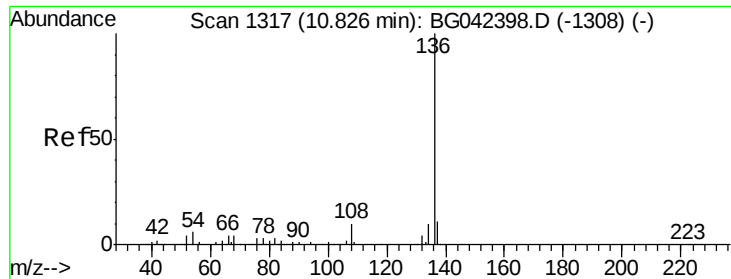
Jagrut
8/26/2019 2:02:06 PM



#20
3+4-Methylphenols
Concen: 45.350 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.7	68.7	108.7
77	28.8	10.2	50.2
79	26.1	6.9	46.9





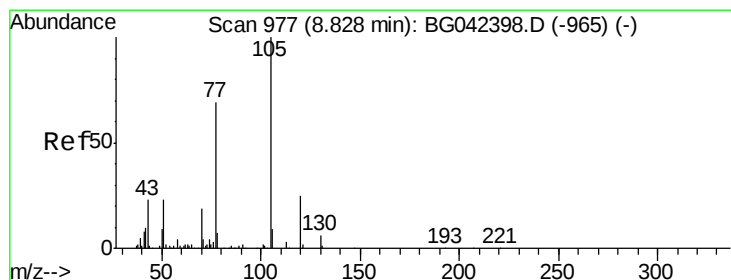
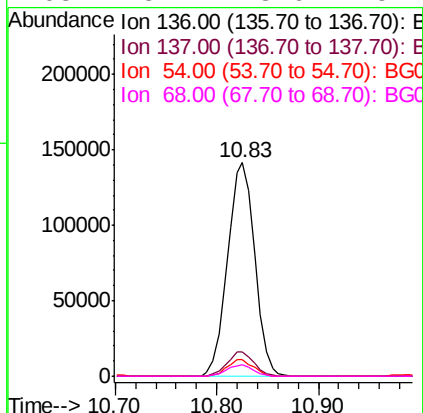
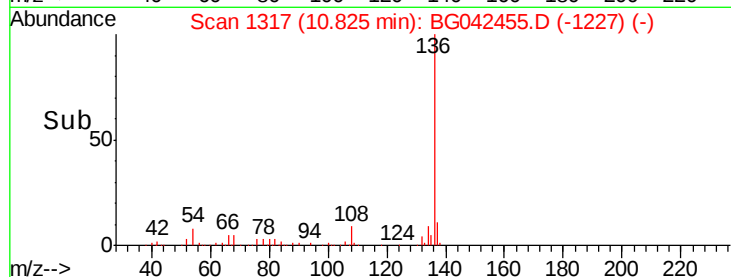
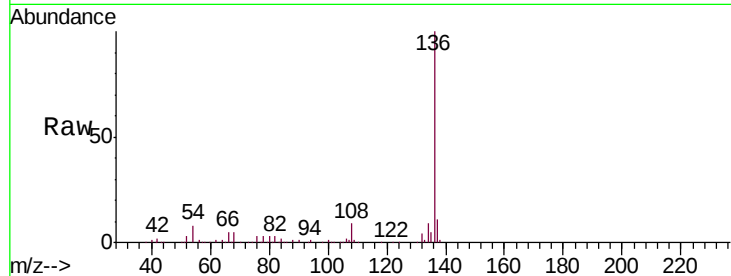
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Instrument :
BNA_G
ClientSampleId :
TP-1(1-3)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	261505		
137	11.1	8.7	13.1	
54	7.6	4.9	7.3	
68	5.2	3.6	5.4	

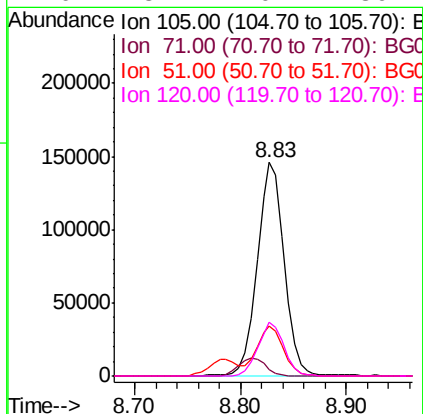
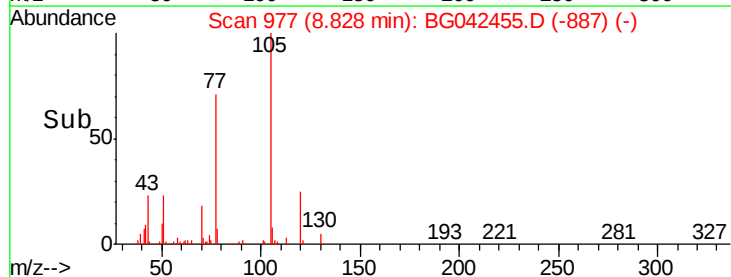
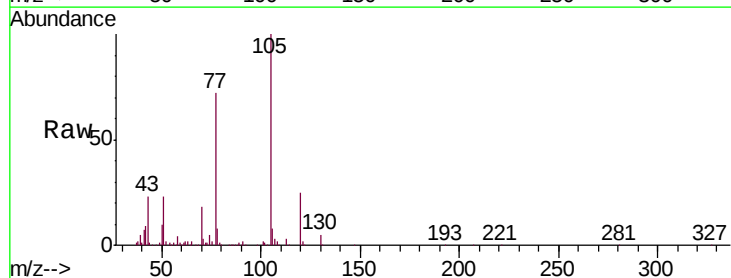
Manual Integrations
APPROVED

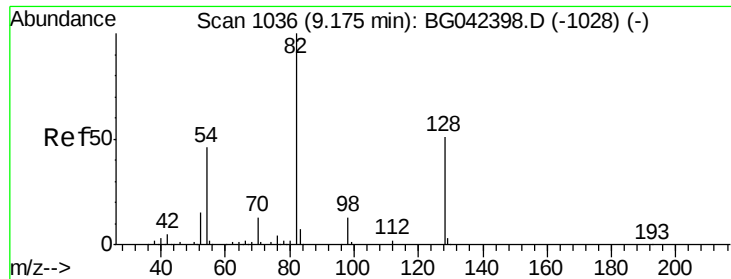
Jagrut
8/26/2019 2:02:06 PM



#22
Acetophenone
Concen: 46.333 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	259148		
71	3.1	2.8	4.2	
51	23.1	18.7	28.1	
120	25.2	20.1	30.1	





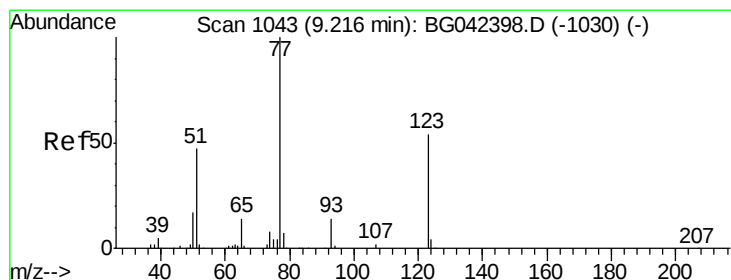
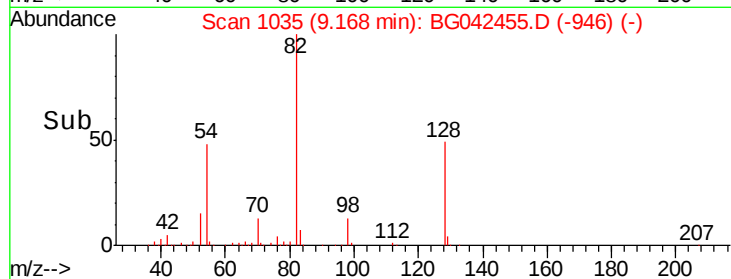
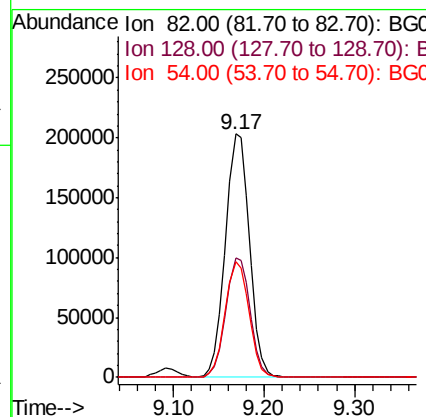
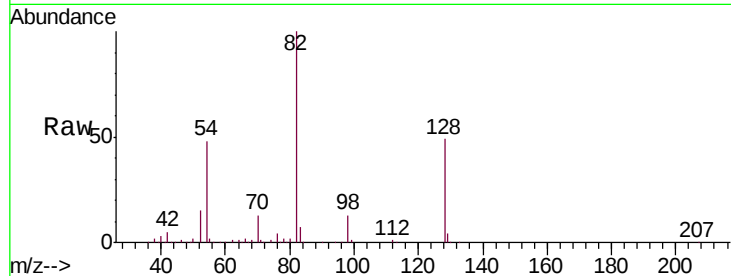
#23
 Nitrobenzene-d5
 Concen: 99.158 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG042455.D
 Acq: 24 Aug 2019 7:02

Instrument :
 BNA_G
 ClientSampled :
 TP-1(1-3)MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.0	40.7	61.1
54	47.7	36.3	54.5

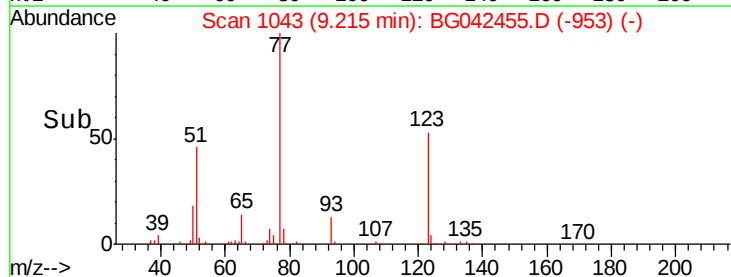
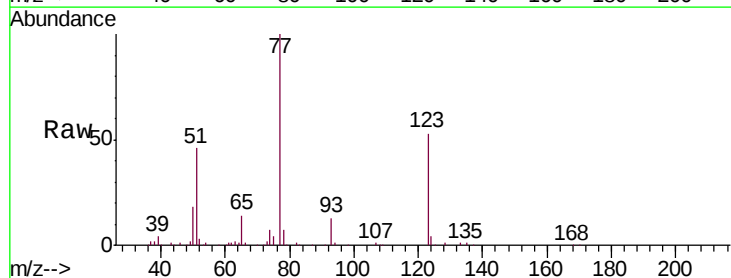
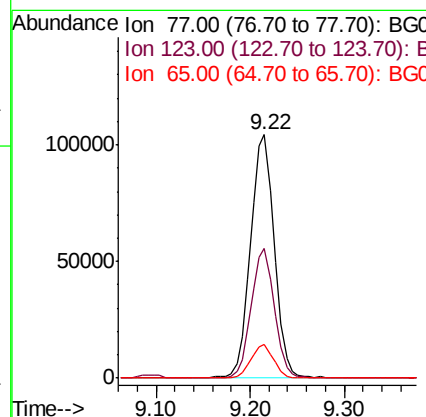
Manual Integrations
 APPROVED

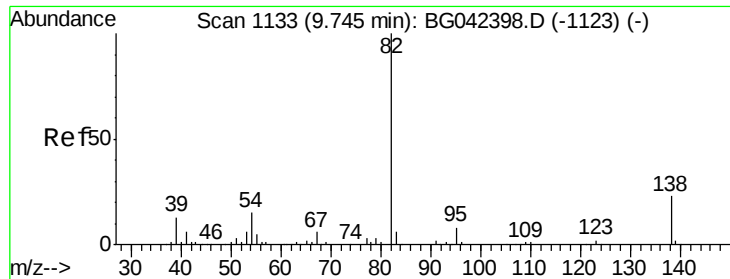
Jagrut
 8/26/2019 2:02:06 PM



#24
 Nitrobenzene
 Concen: 47.799 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG042455.D
 Acq: 24 Aug 2019 7:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	53.2	43.4	65.0
65	13.6	11.0	16.6





#25

Isophorone

Concen: 45.505 ng

RT: 9.74 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

Instrument :

BNA_G

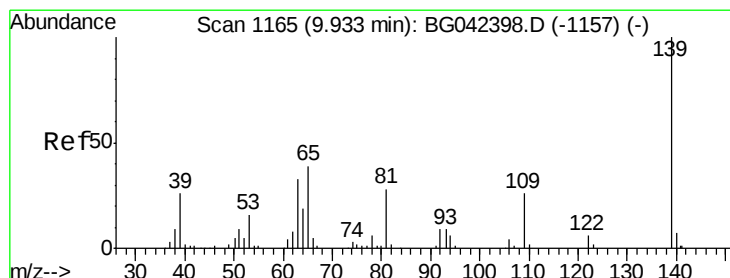
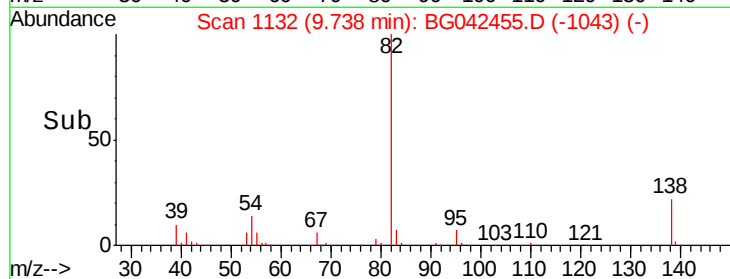
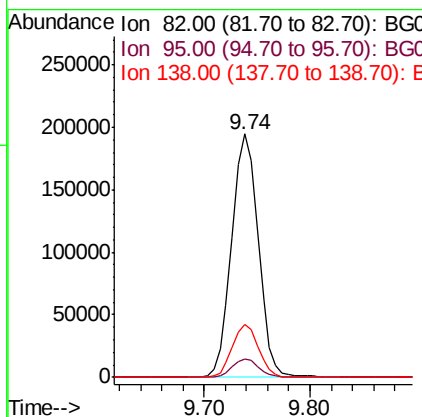
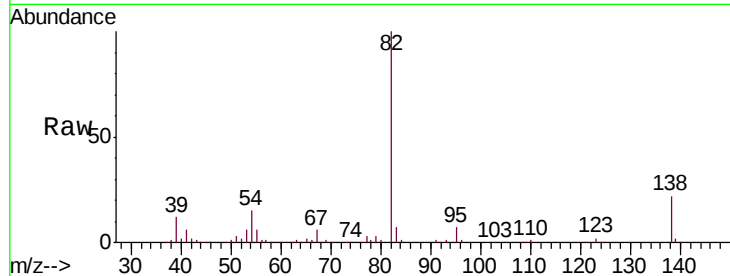
ClientSampled :

TP-1(1-3)MS

Tot Ion:	82	Resp:	339840
Ion Ratio	Lower	Upper	
82	100		
95	7.4	6.6	9.8
138	21.7	18.6	27.8

Manual Integrations
APPROVED

Jagrut
8/26/2019 2:02:06 PM



#26

2-Nitrophenol

Concen: 45.476 ng

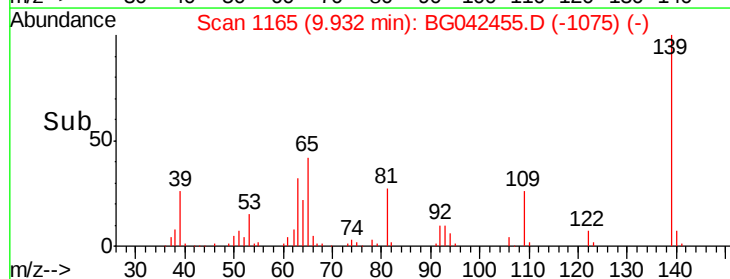
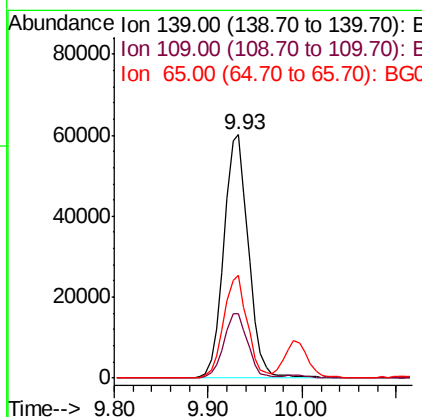
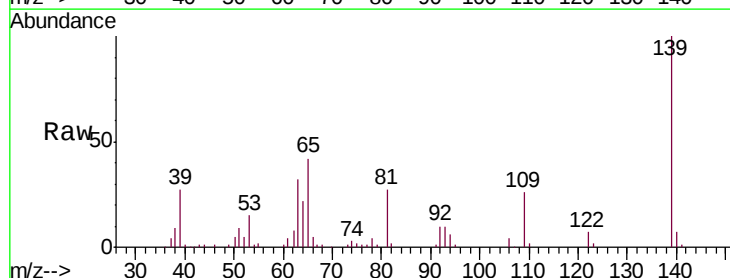
RT: 9.93 min Scan# 1165

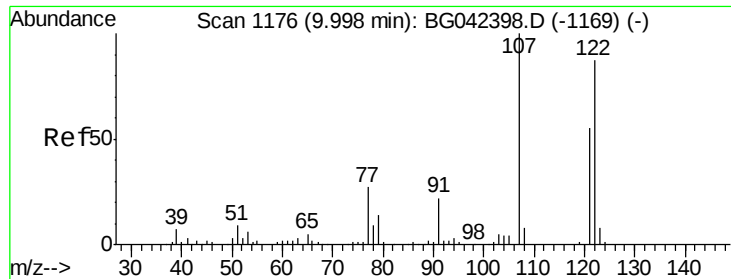
Delta R.T. -0.00 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

Tgt Ion:	139	Resp:	109206
Ion Ratio	Lower	Upper	
139	100		
109	26.2	20.5	30.7
65	42.5	30.9	46.3





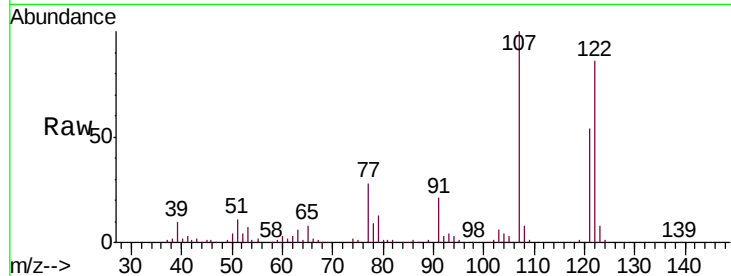
#27
 2,4-Dimethylphenol
 Concen: 52.493 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BG042455.D
 Acq: 24 Aug 2019 7:02

Instrument :
 BNA_G
 ClientSampled :
 TP-1(1-3)MS

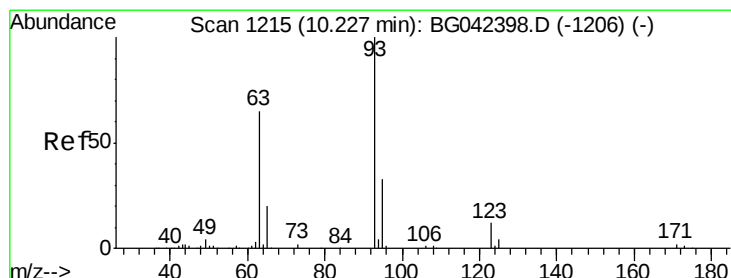
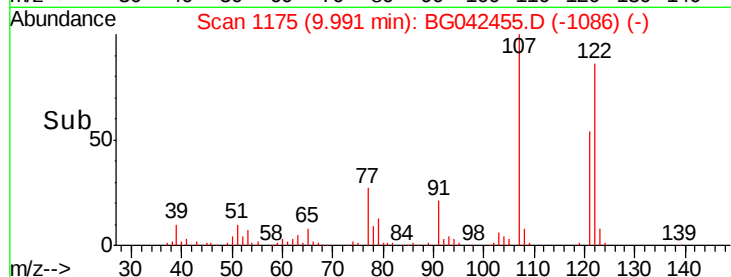
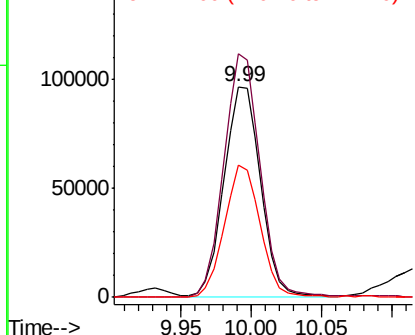
Tot Ion	Ratio	Lower	Upper
122	100		
107	115.6	90.8	136.2
121	62.7	49.6	74.4

Manual Integrations
 APPROVED

Jagrut
 8/26/2019 2:02:06 PM

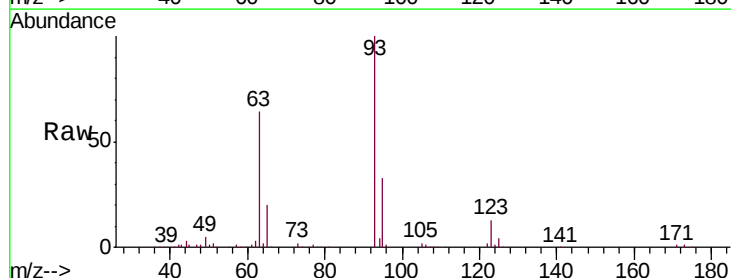


Abundance Ion 122.00 (121.70 to 122.70): E
 150000 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

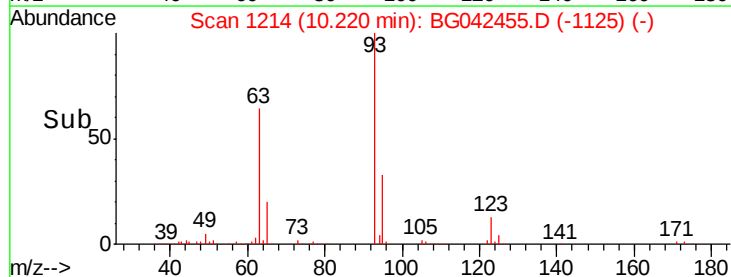
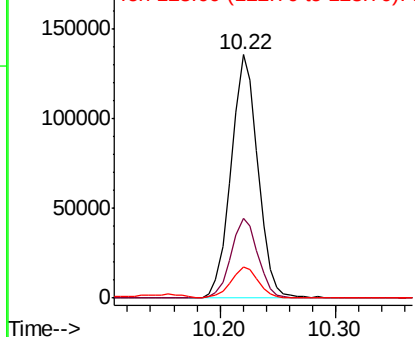


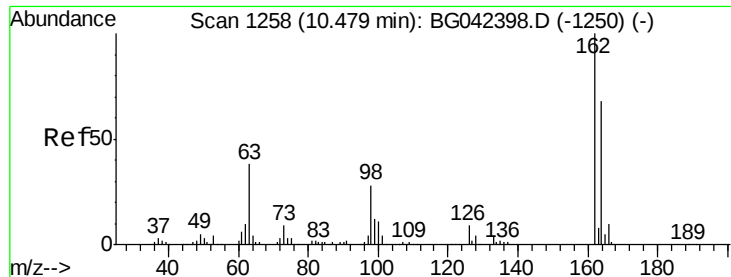
#28
 bis(2-Chloroethoxy)methane
 Concen: 46.259 ng
 RT: 10.22 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BG042455.D
 Acq: 24 Aug 2019 7:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.6	40.0
123	12.9	10.1	15.1



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





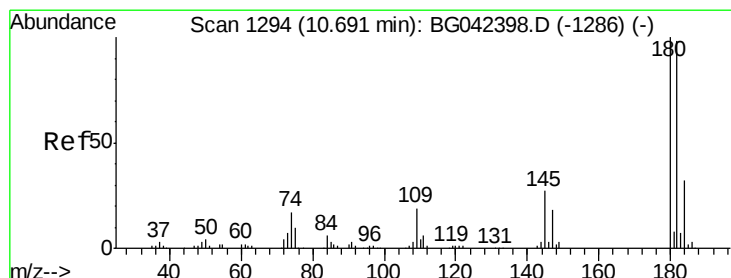
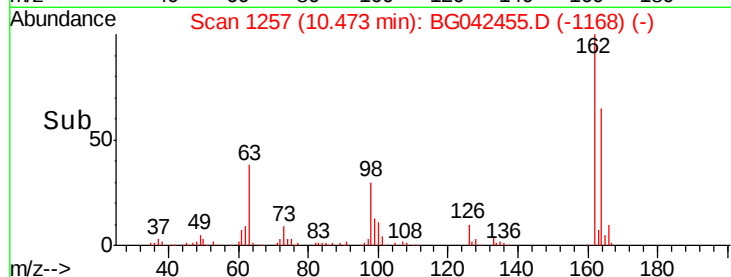
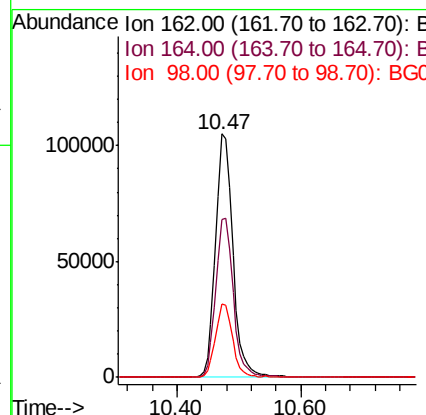
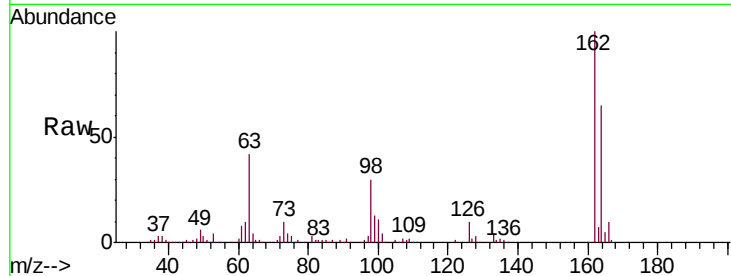
#29
 2,4-Dichlorophenol
 Concen: 47.193 ng
 RT: 10.47 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BG042455.D
 Acq: 24 Aug 2019 7:02

Instrument :
 BNA_G
 ClientSampled :
 TP-1(1-3)MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	204251		
164	64.9	48.1	88.1	
98	30.1	7.6	47.6	

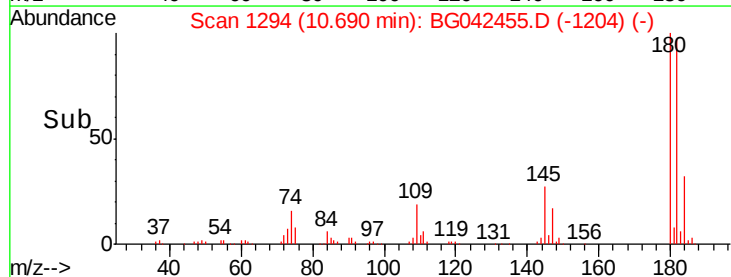
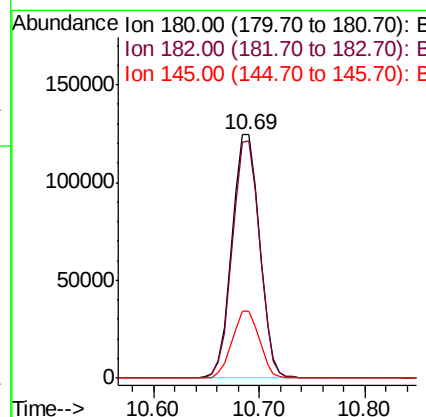
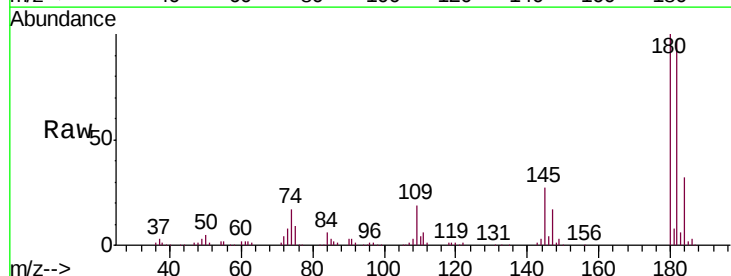
Manual Integrations
 APPROVED

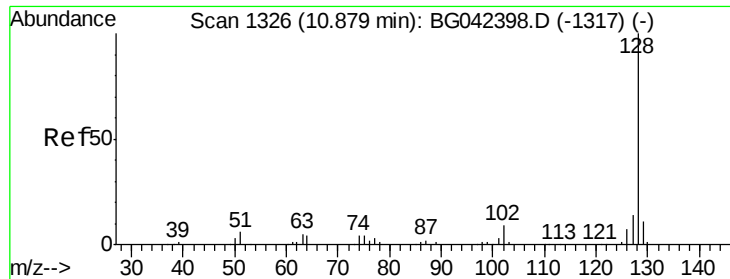
Jagrut
 8/26/2019 2:02:06 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 42.301 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BG042455.D
 Acq: 24 Aug 2019 7:02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	224719		
182	97.4	78.7	118.1	
145	27.3	21.6	32.4	





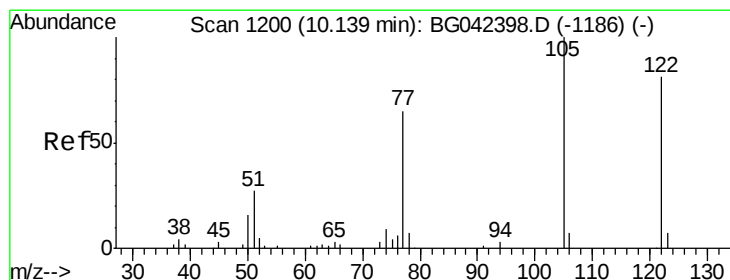
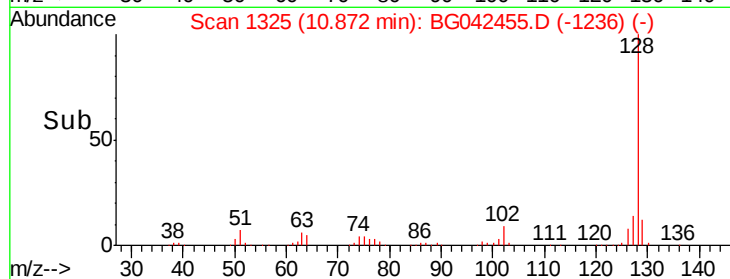
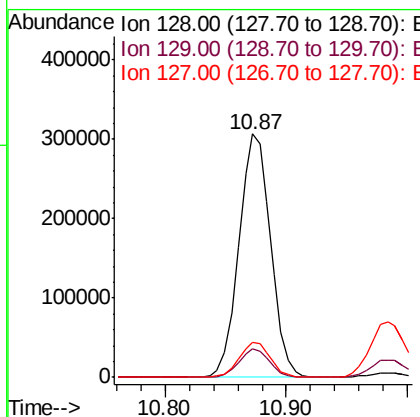
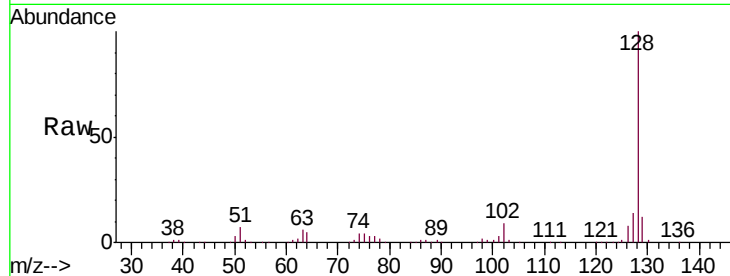
#31
Naphthalene
Concen: 45.976 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Instrument :
BNA_G
ClientSampleId :
TP-1(1-3)MS

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	11.7	8.8	13.2
127	14.3	11.4	17.0

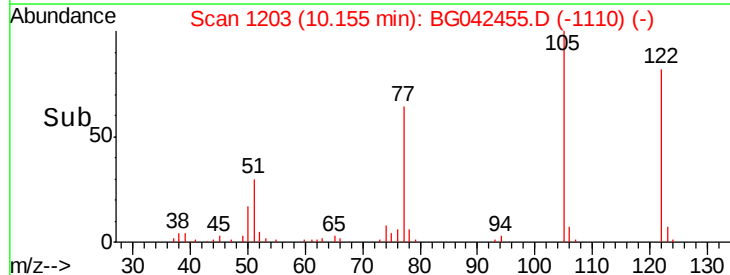
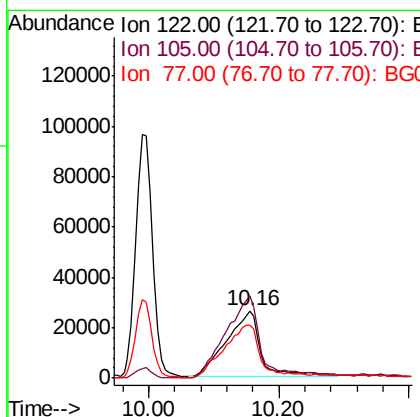
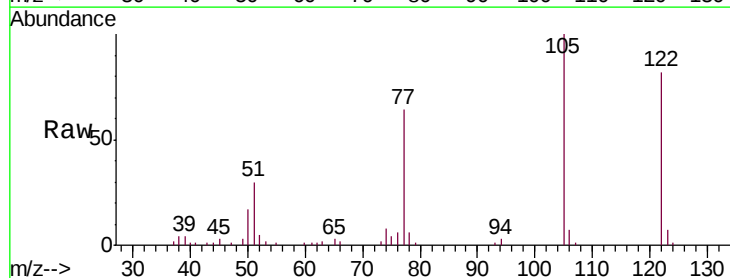
Manual Integrations
APPROVED

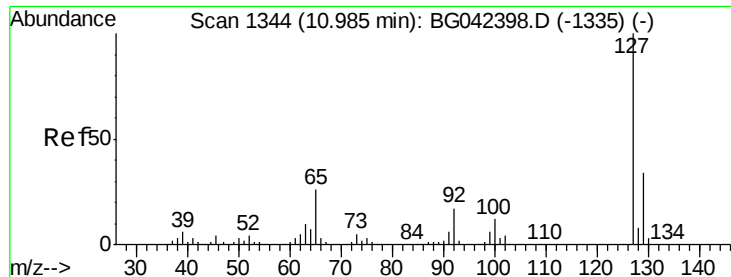
Jagrut
8/26/2019 2:02:06 PM



#32
Benzoic acid
Concen: 41.520 ng
RT: 10.16 min Scan# 1203
Delta R.T. 0.02 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	122.1	99.6	139.6
77	78.4	59.5	99.5





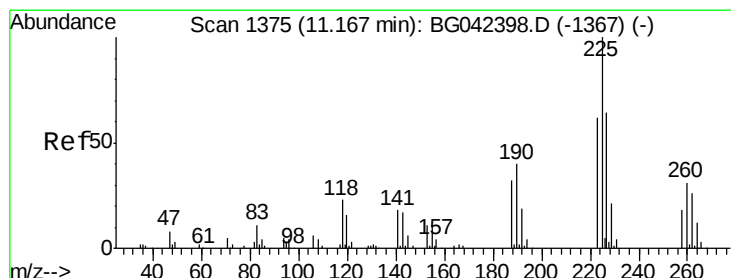
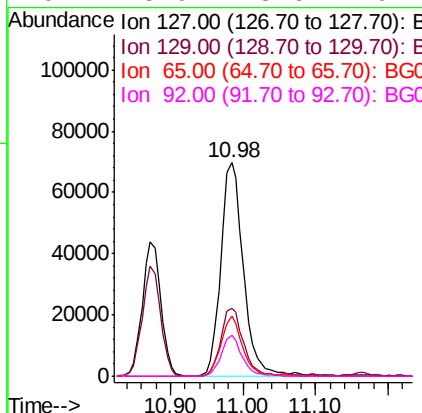
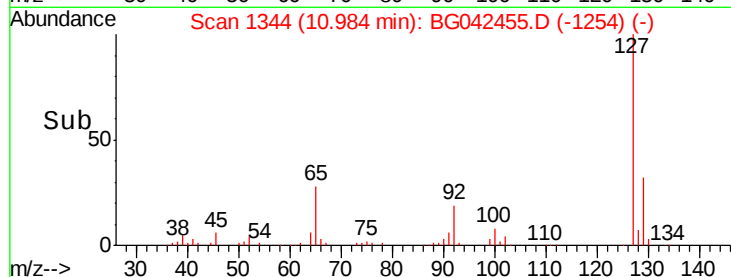
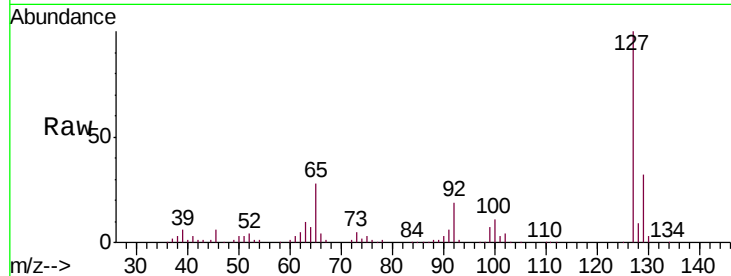
#33
4-Chloroaniline
Concen: 26.878 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Instrument :
BNA_G
ClientSampleId :
TP-1(1-3)MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.8	26.8	40.2	
65	28.2	20.7	31.1	
92	18.9	13.6	20.4	

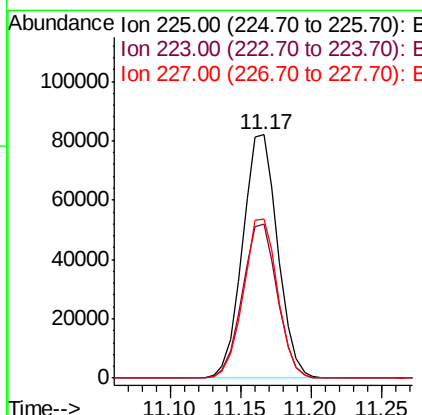
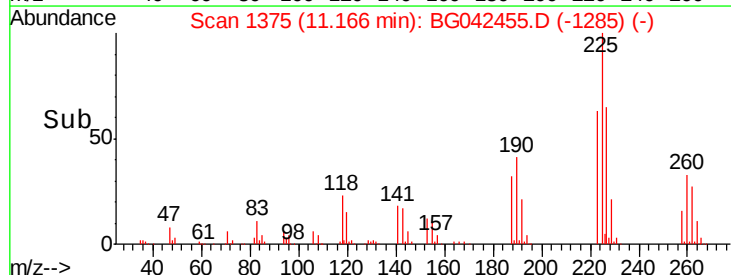
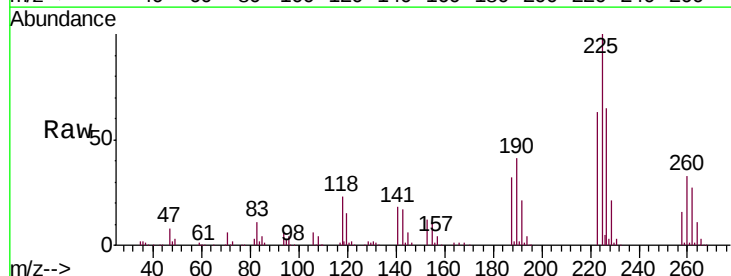
Manual Integrations
APPROVED

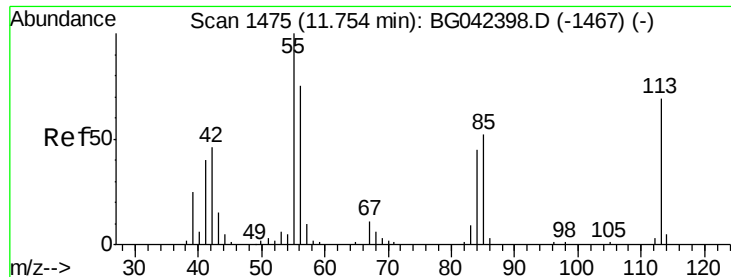
Jagrut
8/26/2019 2:02:06 PM



#34
Hexachlorobutadiene
Concen: 39.970 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.3	49.8	74.6	
227	65.4	50.9	76.3	





#35

Caprolactam

Concen: 44.283 ng/ml

RT: 11.76 min Scan# 1476

Delta R.T. 0.00 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

Instrument :

BNA_G

ClientSampleId :

TP-1(1-3)MS

Tot Ion:113 Resp: 63952

Ion Ratio Lower Upper

113 100

55 149.4 124.6 164.6

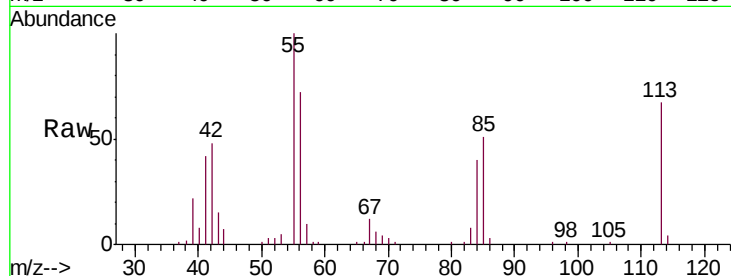
56 108.2 88.3 128.3

Manual Integrations

APPROVED

Jagrut

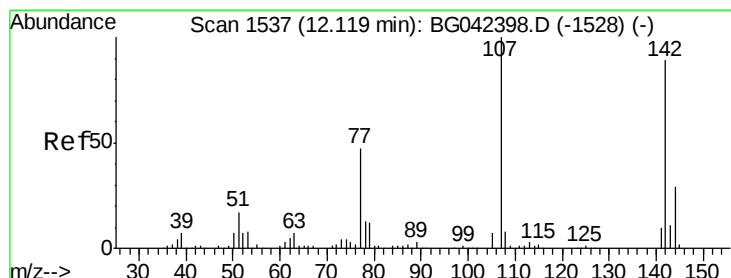
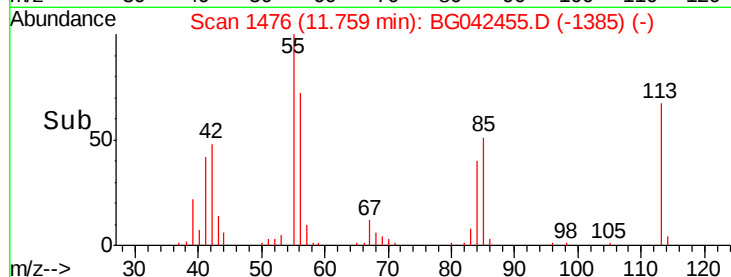
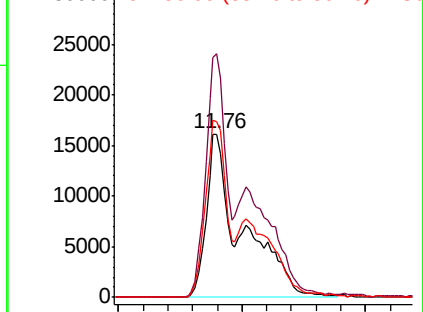
8/26/2019 2:02:06 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 46.416 ng/ml

RT: 12.12 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

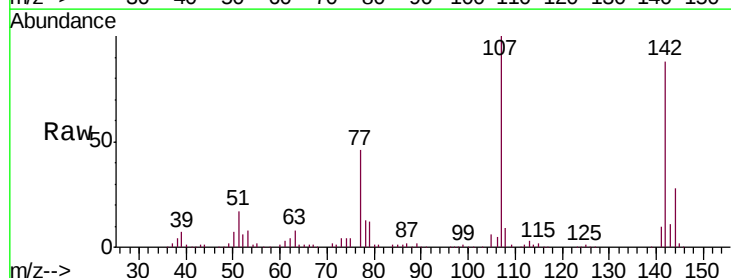
Tgt Ion:107 Resp: 190700

Ion Ratio Lower Upper

107 100

144 28.2 23.6 35.4

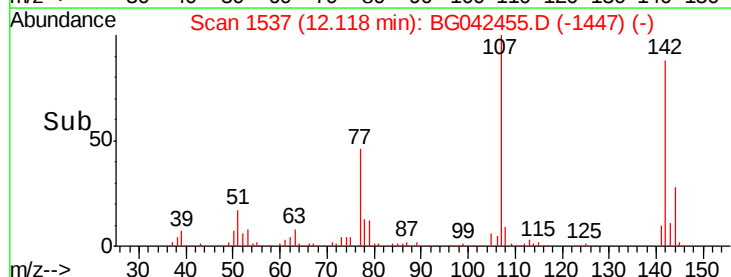
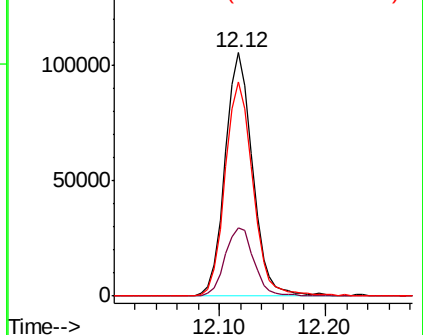
142 87.7 71.0 106.4

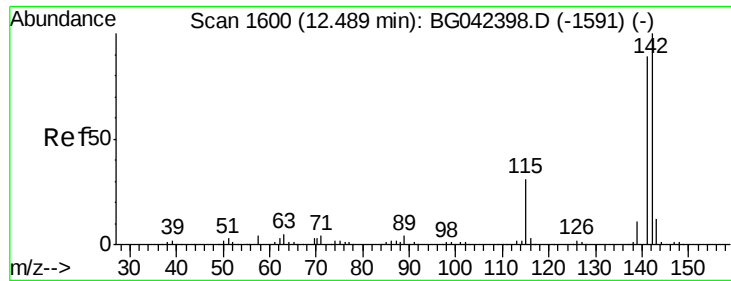


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





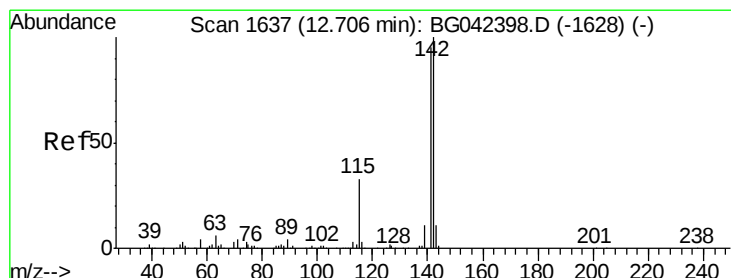
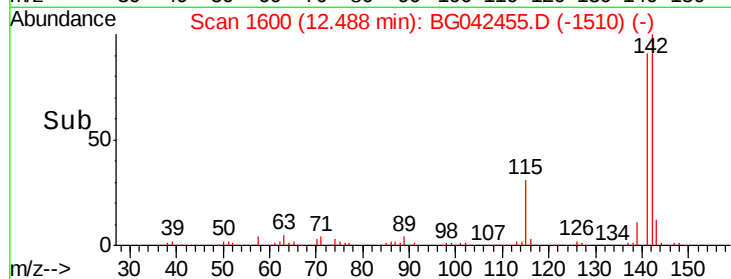
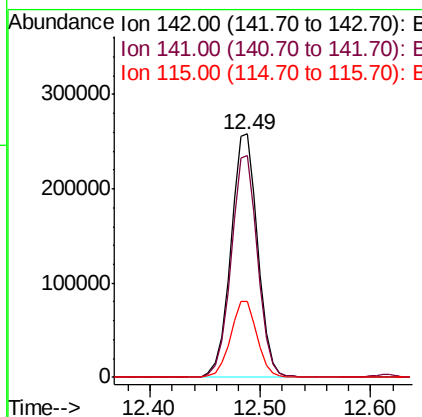
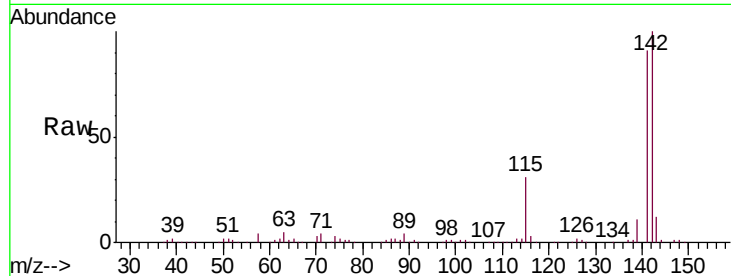
#37
2-Methylnaphthalene
Concen: 45.052 ng
RT: 12.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Instrument :
BNA_G
ClientSampleId :
TP-1(1-3)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.1	71.4	107.2
115	31.4	25.2	37.8

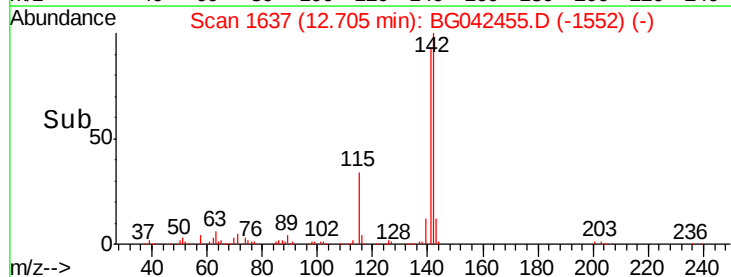
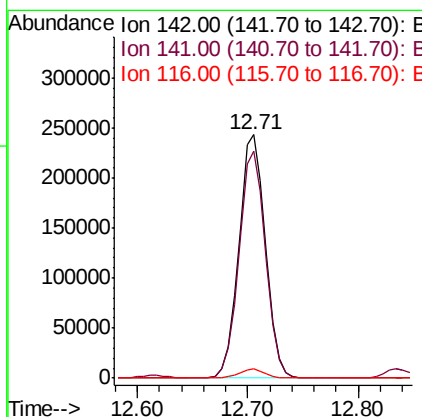
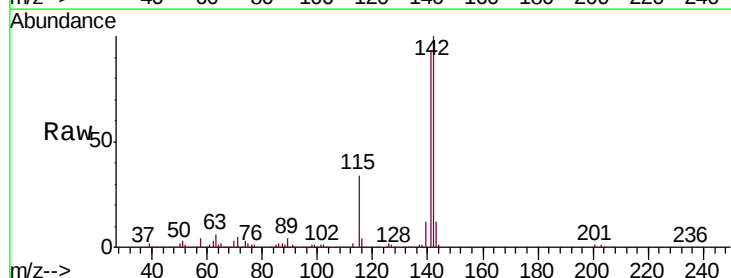
Manual Integrations
APPROVED

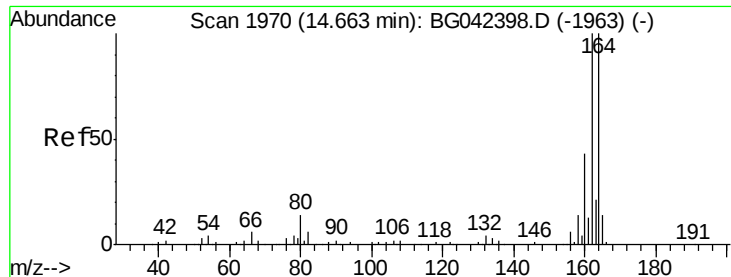
Jagrut
8/26/2019 2:02:06 PM



#38
1-Methylnaphthalene
Concen: 44.199 ng
RT: 12.71 min Scan# 1637
Delta R.T. -0.00 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	76.2	114.2
116	3.7	2.8	4.2





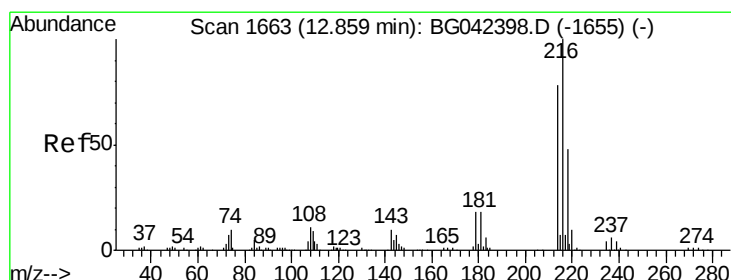
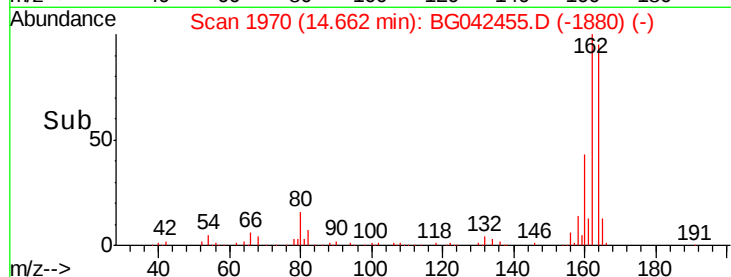
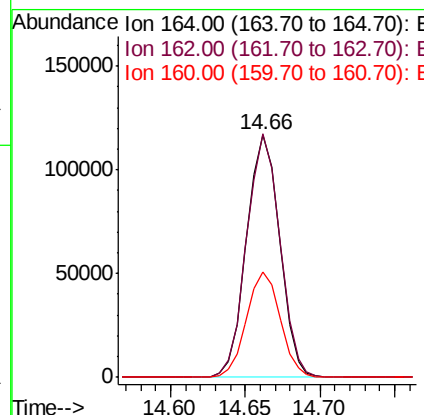
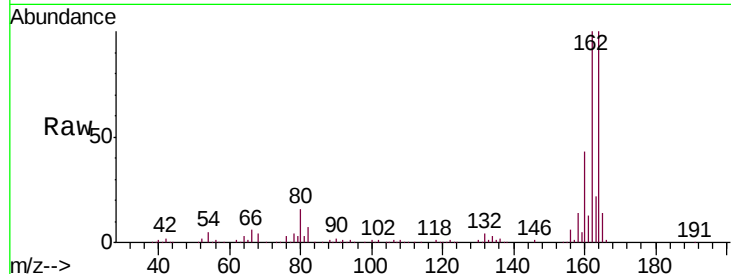
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Instrument :
BNA_G
ClientSampleId :
TP-1(1-3)MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.2	79.9	119.9
160	43.4	34.3	51.5

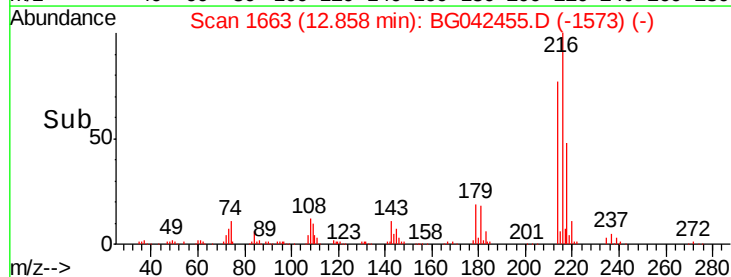
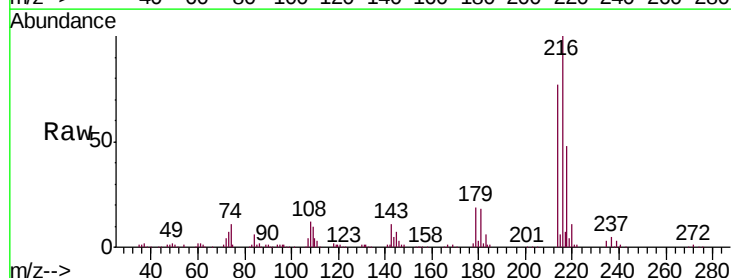
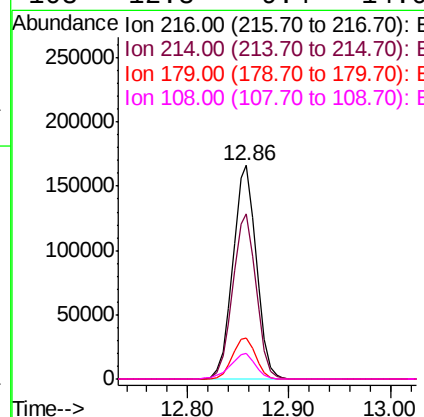
Manual Integrations
APPROVED

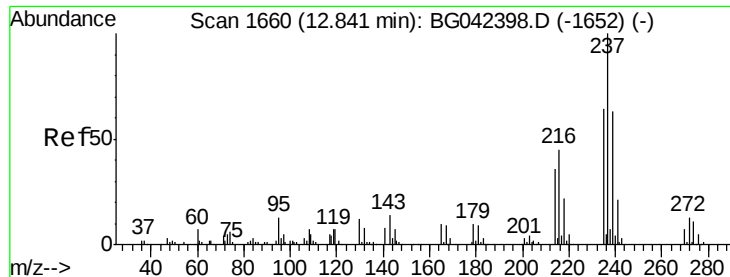
Jagrut
8/26/2019 2:02:06 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.030 ng
RT: 12.86 min Scan# 1663
Delta R.T. -0.00 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.0	61.4	92.2
179	19.0	15.1	22.7
108	12.8	9.4	14.0





#41

Hexachlorocyclopentadiene

Concen: 46.742 ng

RT: 12.83 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

Instrument :

BNA_G

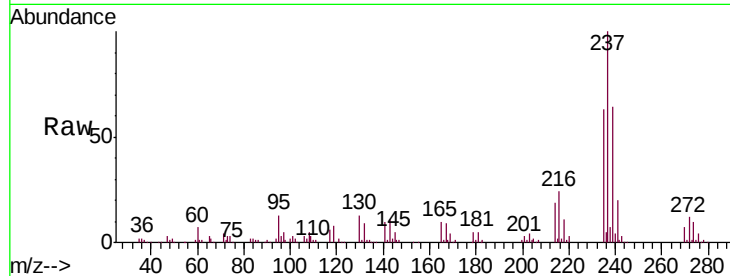
ClientSampleId :

TP-1(1-3)MS

Tot Ion:	237	Resp:	142040
Ion Ratio	Lower	Upper	
237	100		
235	63.5	43.7	83.7
272	12.3	0.0	33.3

Manual Integrations
APPROVED

Jagrut
8/26/2019 2:02:06 PM

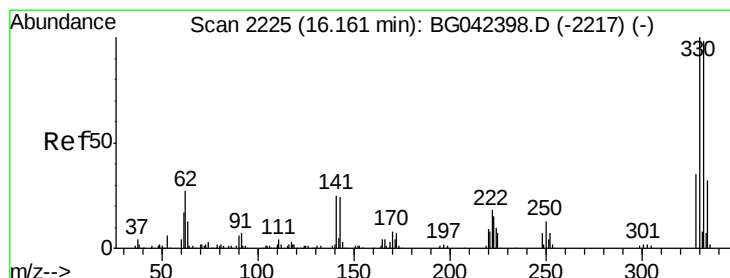
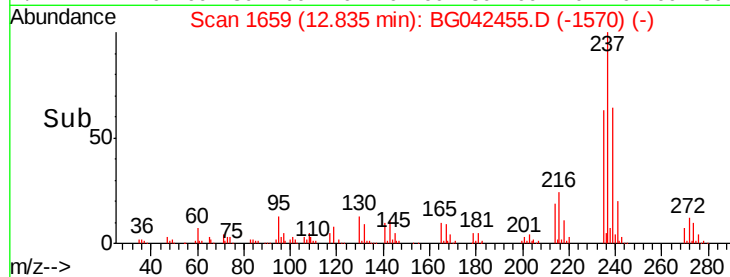
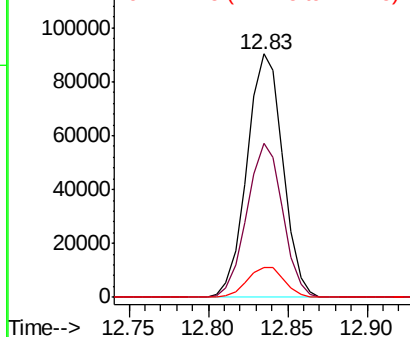


Abundance

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: 120.080 ng

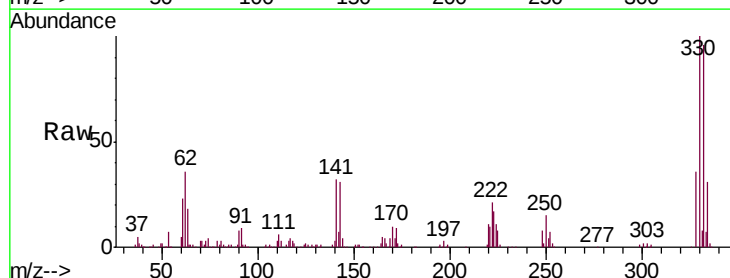
RT: 16.15 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

Tgt Ion:	330	Resp:	307455
Ion Ratio	Lower	Upper	
330	100		
332	96.7	77.4	116.0
141	30.8	21.4	32.0

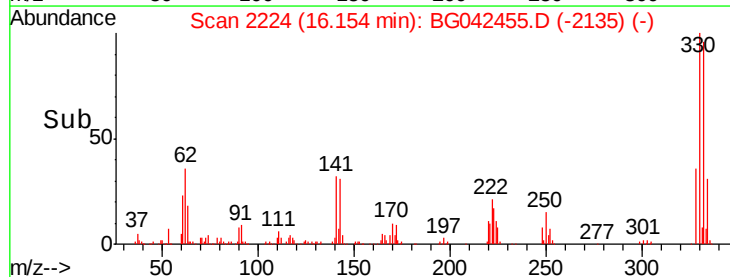
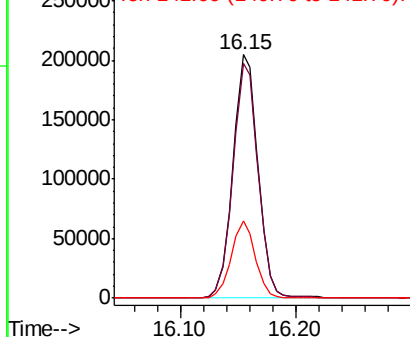


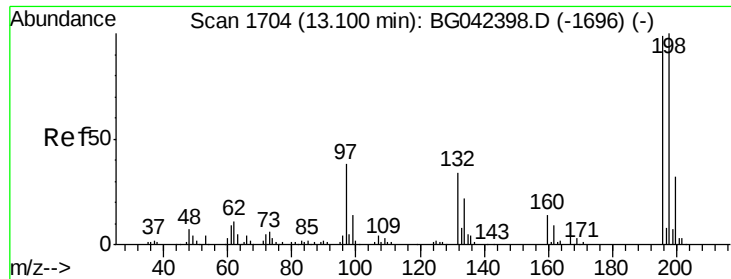
Abundance

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





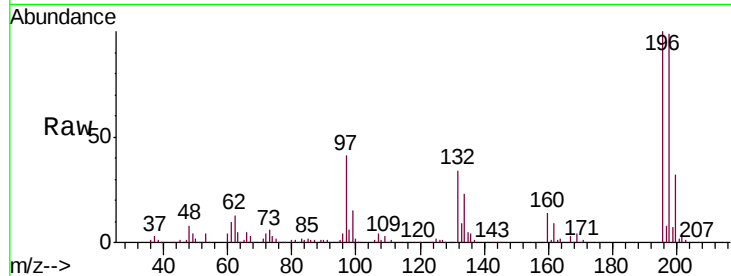
#43
 2,4,6-Trichlorophenol
 Concen: 45.523 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG042455.D
 Acq: 24 Aug 2019 7:02

Instrument :
 BNA_G
 ClientSampled :
 TP-1(1-3)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	178007		
198	98.7	80.7	121.1	
200	32.1	25.7	38.5	

Manual Integrations
 APPROVED

Jagrut
 8/26/2019 2:02:06 PM

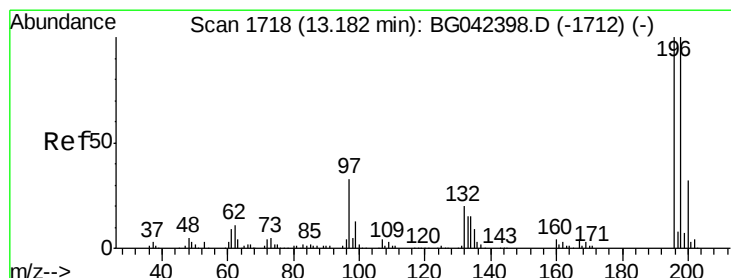
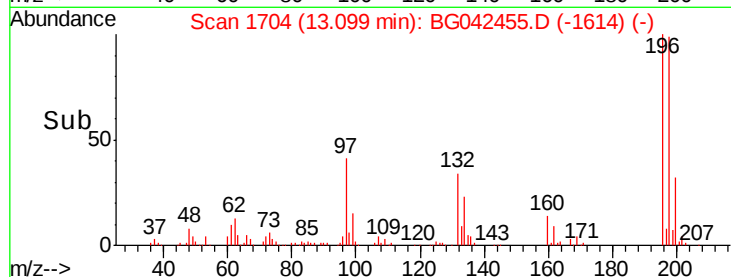
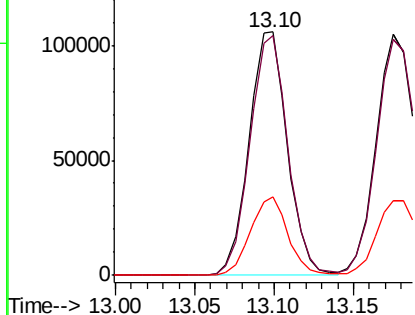


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 46.574 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG042455.D
 Acq: 24 Aug 2019 7:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	188723		
198	98.2	80.2	120.4	
97	36.2	26.3	39.5	
132	24.1	16.6	24.8	

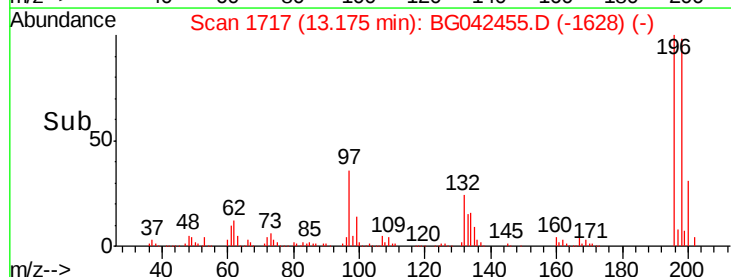
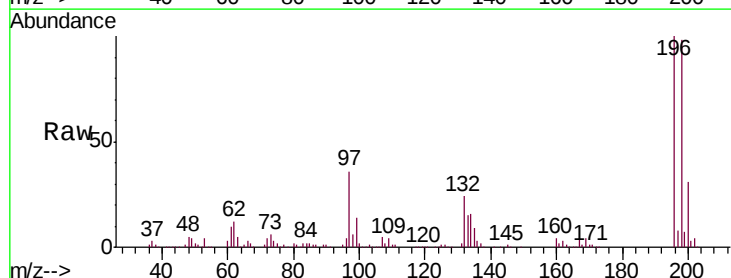
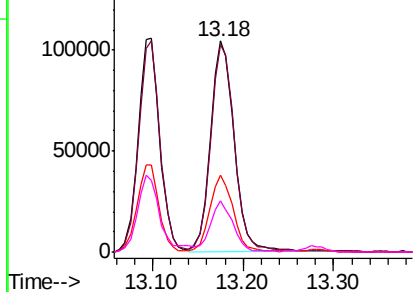
Abundance

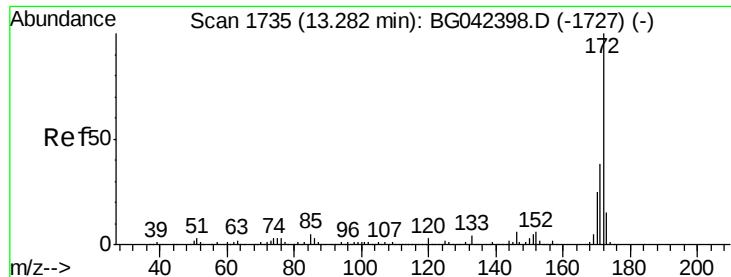
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





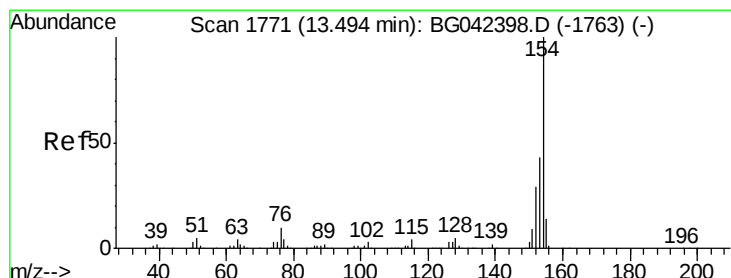
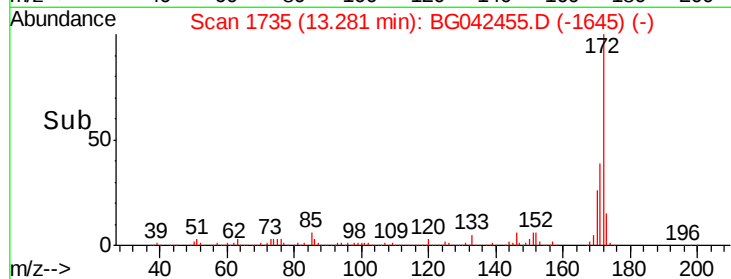
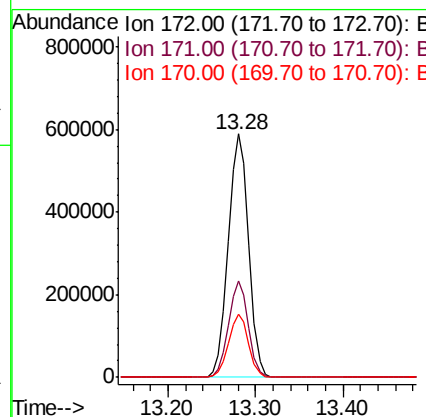
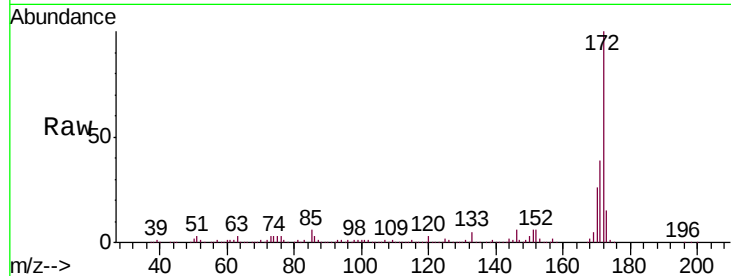
#45
2-Fluorobiphenyl
Concen: 88.514 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Instrument :
BNA_G
ClientSampleId :
TP-1(1-3)MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.3	30.5	45.7
170	25.8	20.2	30.2

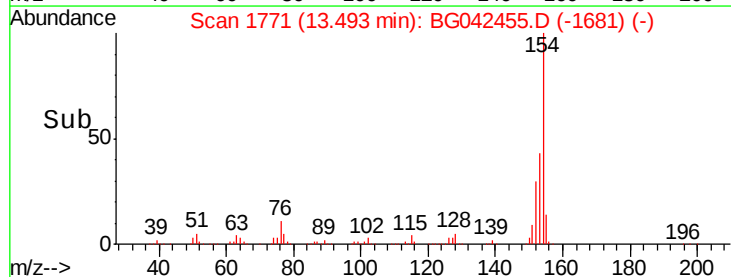
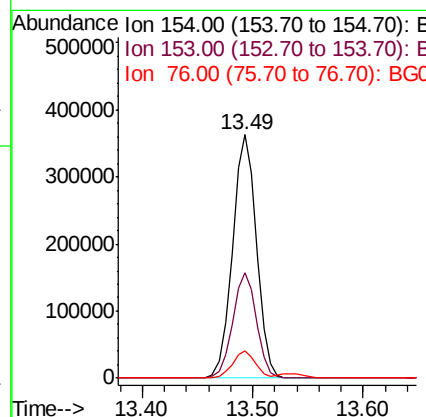
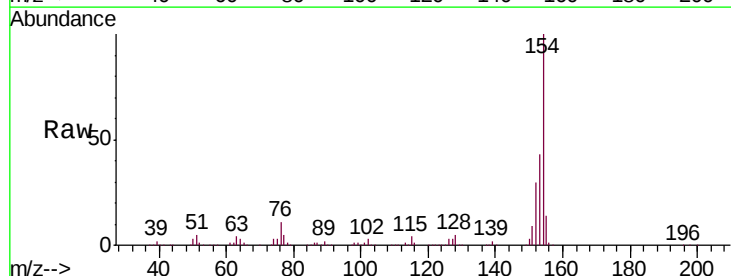
Manual Integrations
APPROVED

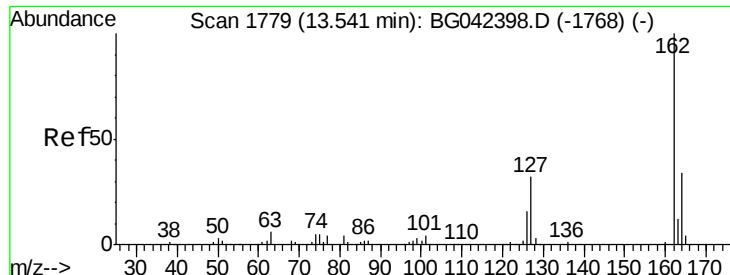
Jagrut
8/26/2019 2:02:06 PM



#46
1,1'-Biphenyl
Concen: 47.267 ng
RT: 13.49 min Scan# 1771
Delta R.T. -0.00 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.4	23.0	63.0
76	11.2	0.0	29.6





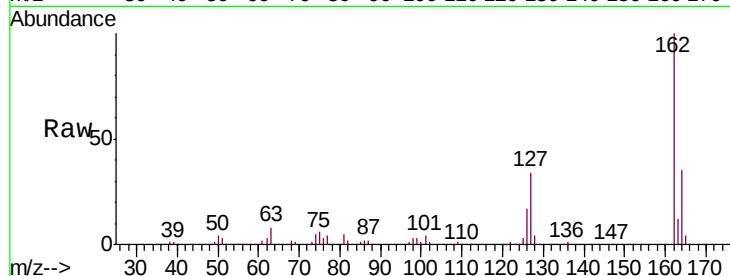
#47
2-Chloronaphthalene
Concen: 45.055 ng
RT: 13.54 min Scan# 1779
Delta R.T. -0.00 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Instrument :
BNA_G
ClientSampleId :
TP-1(1-3)MS

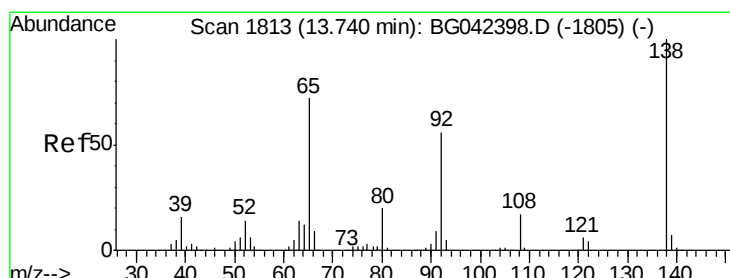
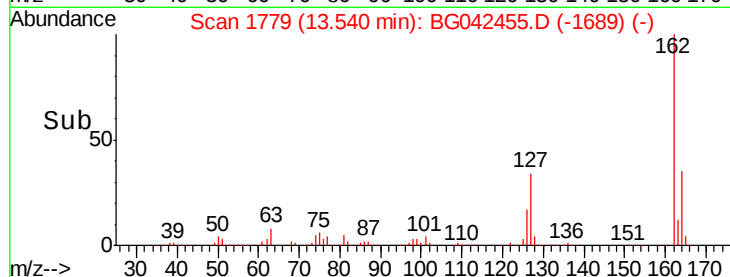
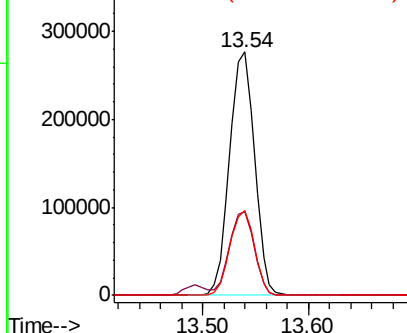
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		452376		
127	34.5	26.0	39.0		
164	34.7	27.4	41.0		

Manual Integrations
APPROVED

Jagrut
8/26/2019 2:02:06 PM

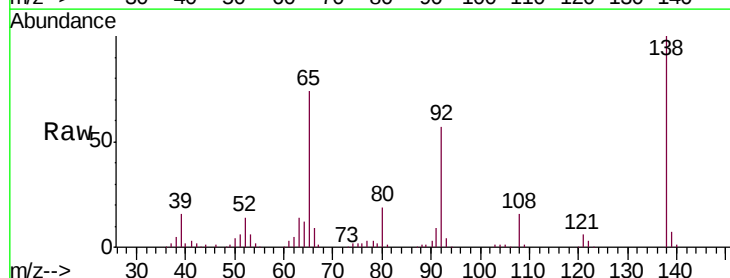


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

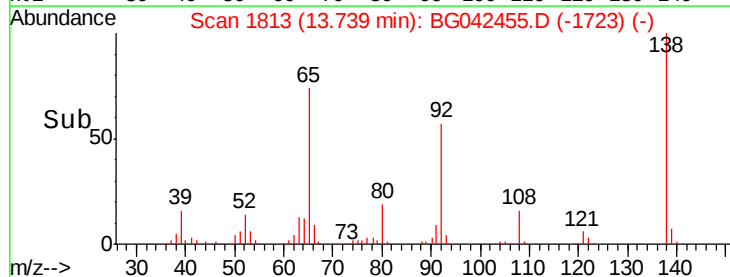
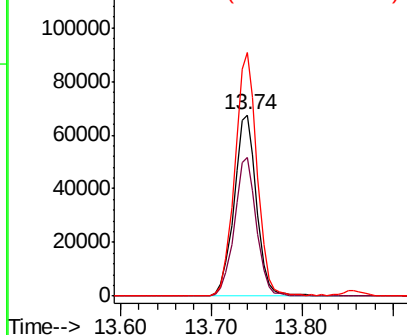


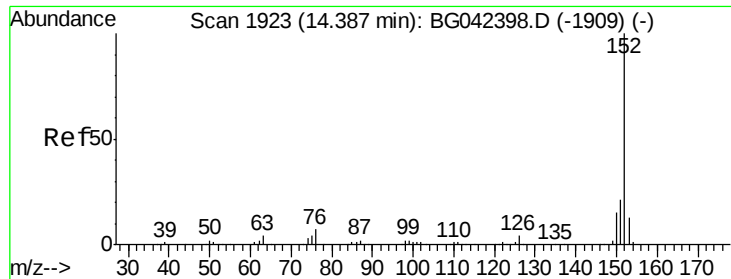
#48
2-Nitroaniline
Concen: 48.190 ng
RT: 13.74 min Scan# 1813
Delta R.T. -0.00 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		116679		
92	76.7	61.8	92.6		
138	134.5	111.0	166.6		



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





#49

Acenaphthylene

Concen: 47.095 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

Instrument :

BNA_G

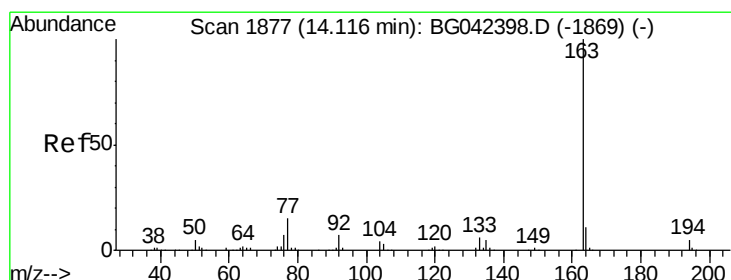
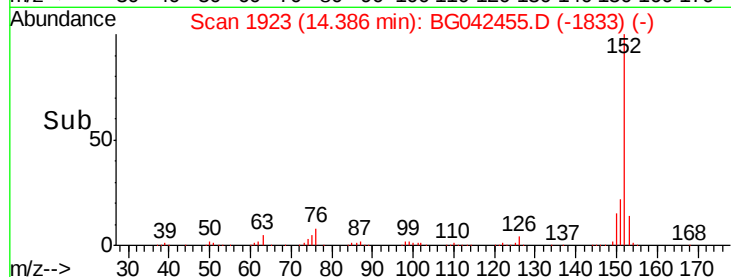
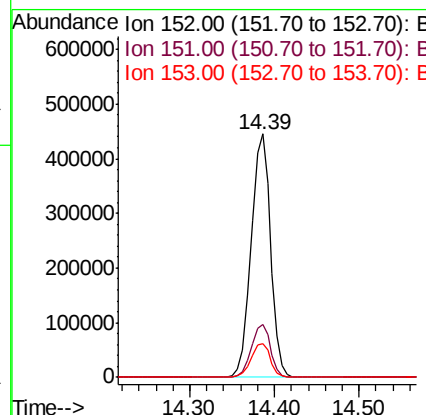
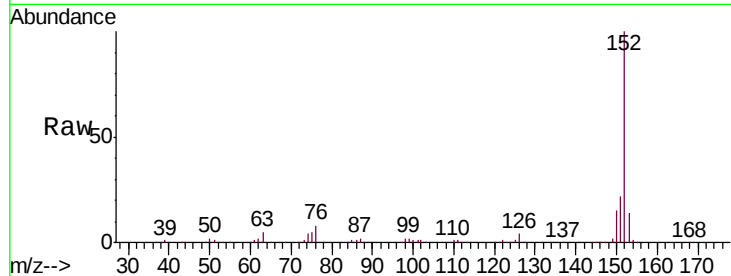
ClientSampleId :

TP-1(1-3)MS

Tot Ion:	152	Resp:	711410
Ion Ratio	Lower	Upper	
152	100		
151	21.9	17.0	25.4
153	13.7	10.6	16.0

Manual Integrations
APPROVED

Jagrut
8/26/2019 2:02:06 PM



#50

Dimethylphthalate

Concen: 55.572 ng

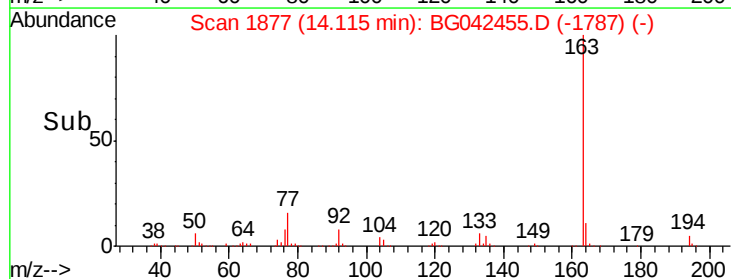
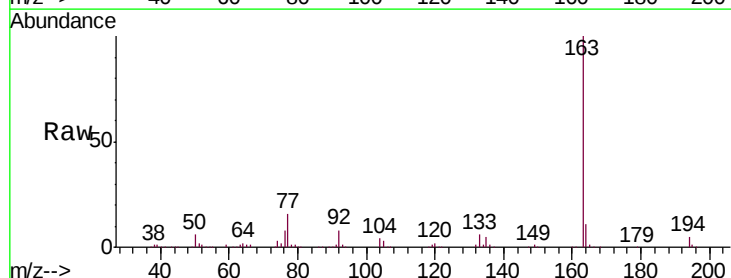
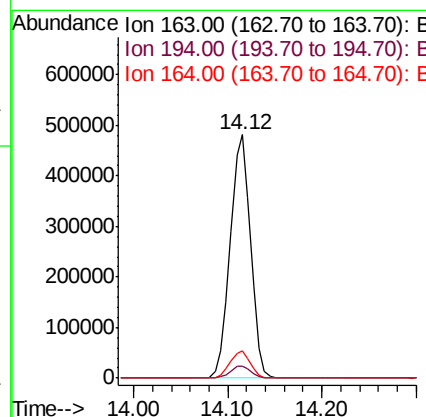
RT: 14.12 min Scan# 1877

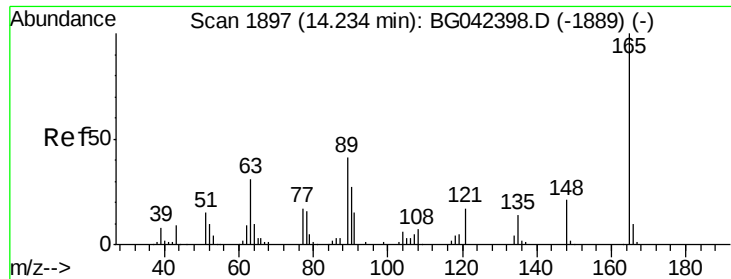
Delta R.T. -0.00 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

Tgt Ion:	163	Resp:	722317
Ion Ratio	Lower	Upper	
163	100		
194	5.1	4.2	6.2
164	11.1	8.8	13.2





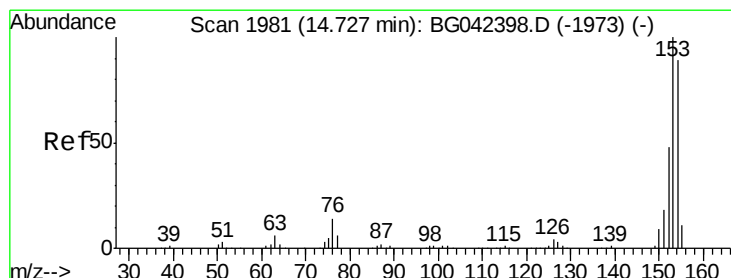
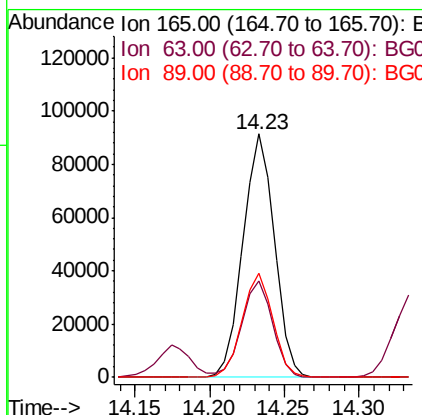
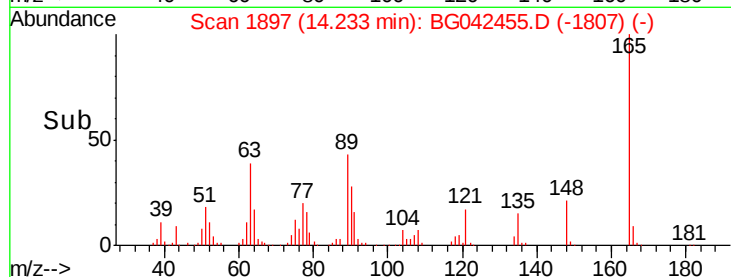
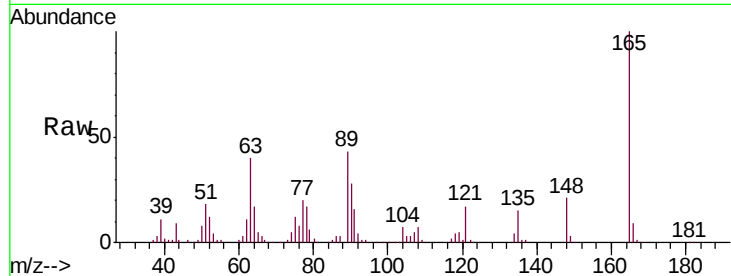
#51
 2,6-Dinitrotoluene
 Concen: 44.246 ng
 RT: 14.23 min Scan# 1897
 Delta R.T. -0.00 min
 Lab File: BG042455.D
 Acq: 24 Aug 2019 7:02

Instrument :
 BNA_G
 ClientSampleId :
 TP-1(1-3)MS

Tot Ion:	165	Resp:	133304
Ion Ratio	Lower	Upper	
165	100		
63	39.7	30.6	45.8
89	42.7	32.6	49.0

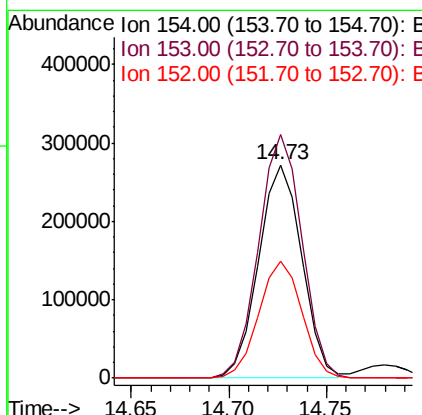
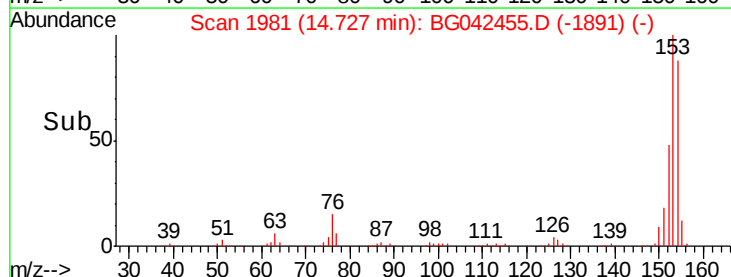
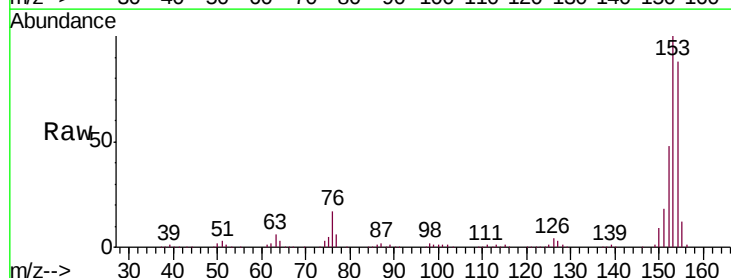
Manual Integrations
 APPROVED

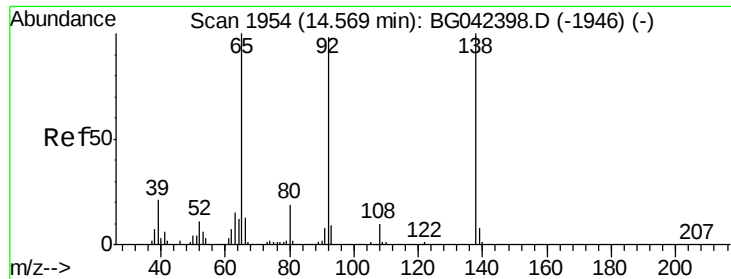
Jagrut
 8/26/2019 2:02:06 PM



#52
 Acenaphthene
 Concen: 45.394 ng
 RT: 14.73 min Scan# 1981
 Delta R.T. -0.00 min
 Lab File: BG042455.D
 Acq: 24 Aug 2019 7:02

Tgt Ion:	154	Resp:	416377
Ion Ratio	Lower	Upper	
154	100		
153	114.1	90.2	135.4
152	54.8	43.2	64.8





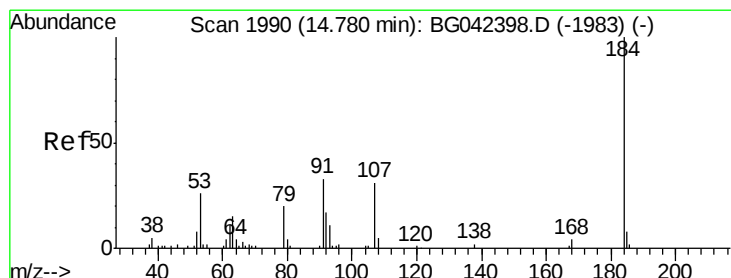
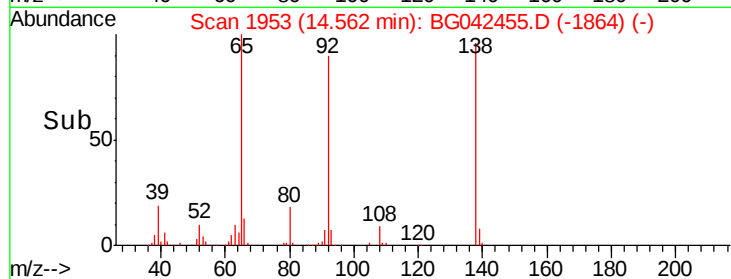
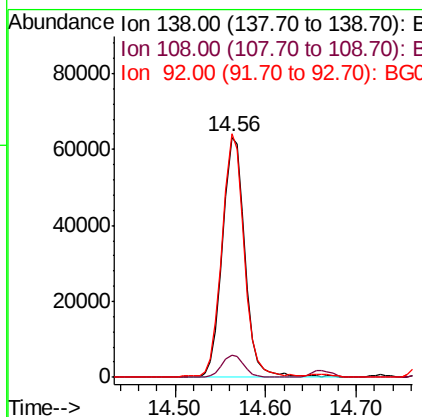
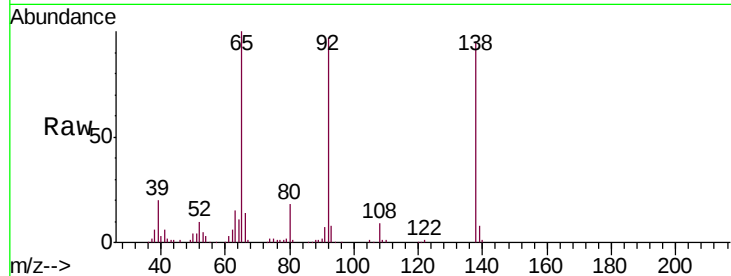
#53
3-Nitroaniline
Concen: 36.057 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Instrument :
BNA_G
ClientSampleId :
TP-1(1-3)MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.1	8.3	12.5
92	101.5	78.2	117.4

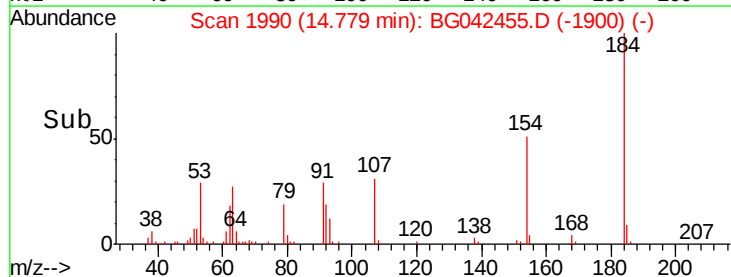
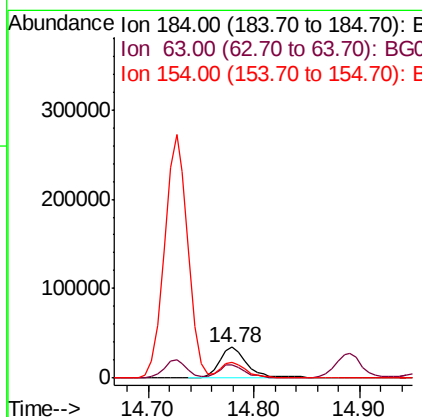
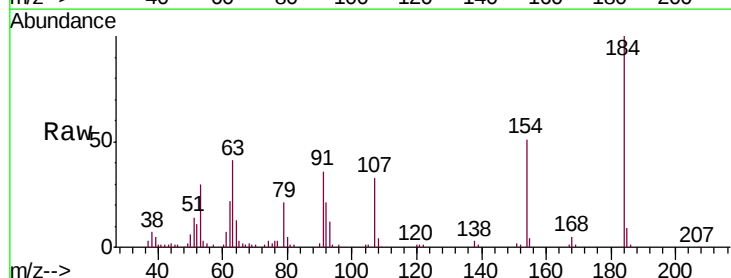
Manual Integrations
APPROVED

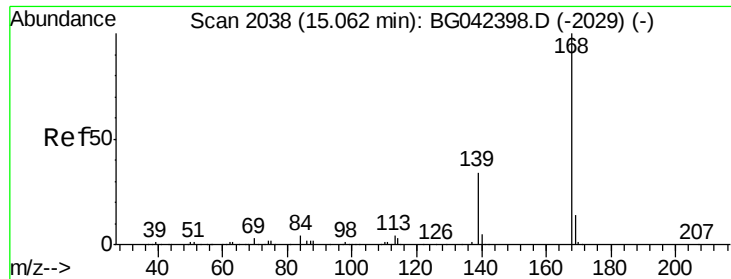
Jagrut
8/26/2019 2:02:06 PM



#54
2,4-Dinitrophenol
Concen: 35.722 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Tgt Ion	Ratio	Lower	Upper
184	100		
63	41.3	31.7	47.5
154	50.9	42.0	63.0





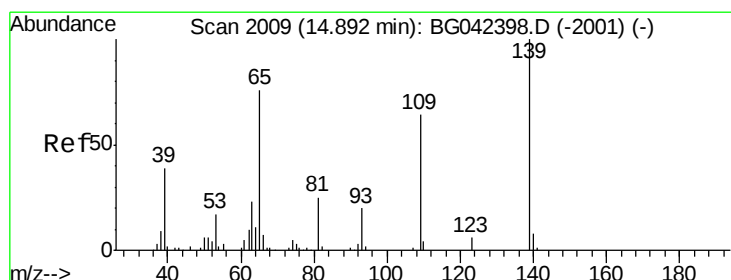
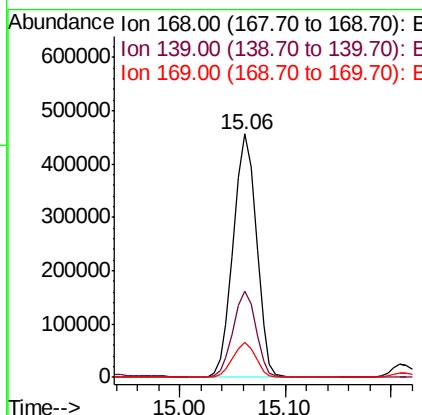
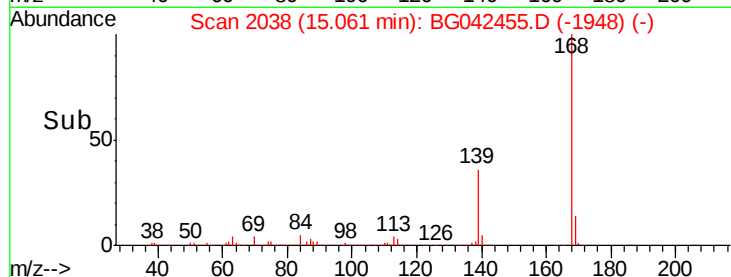
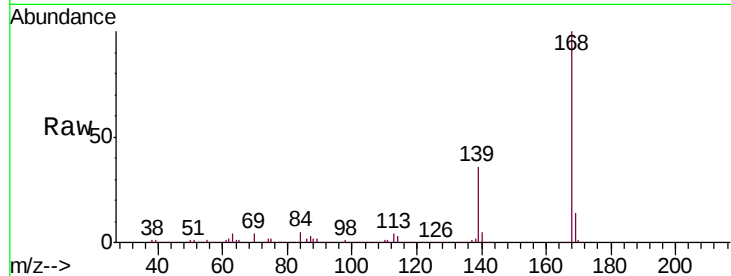
#55
Dibenzenofuran
Concen: 45.668 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Instrument :
BNA_G
ClientSampleId :
TP-1(1-3)MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.6	27.2	40.8
169	14.4	11.5	17.3

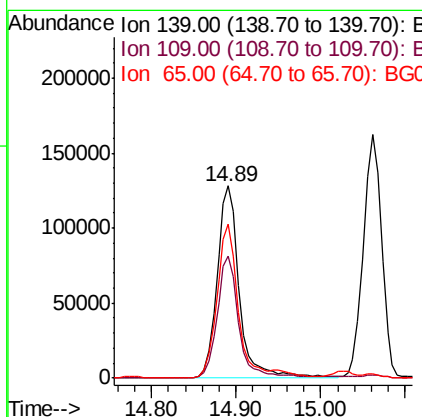
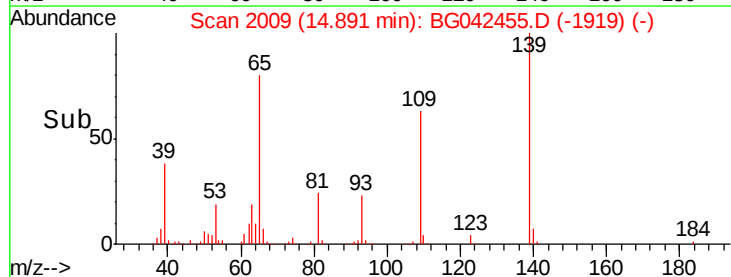
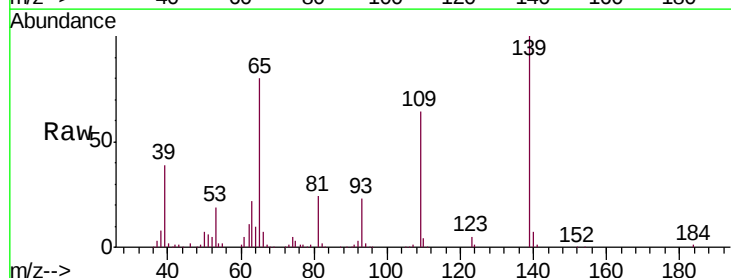
Manual Integrations
APPROVED

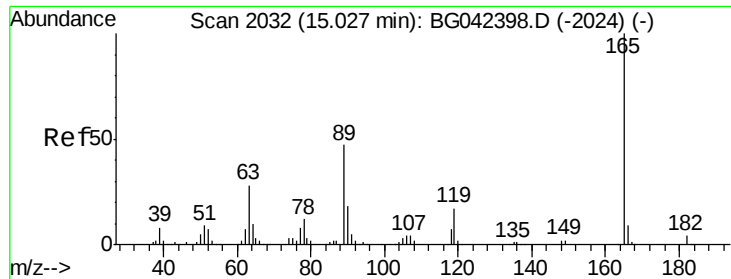
Jagrut
8/26/2019 2:02:06 PM



#56
4-Nitrophenol
Concen: 110.523 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.5	43.9	83.9
65	79.8	56.3	96.3





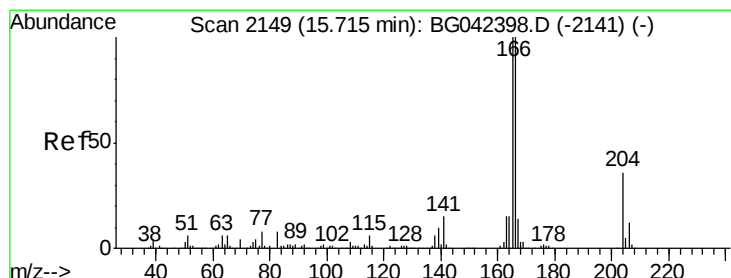
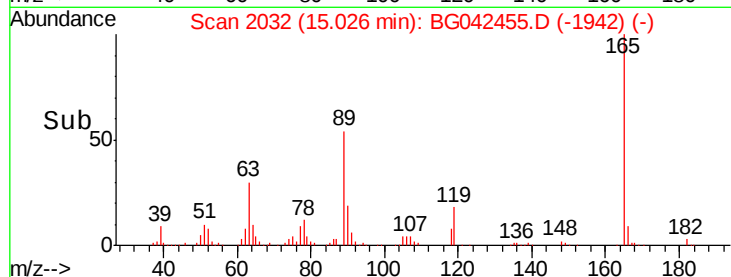
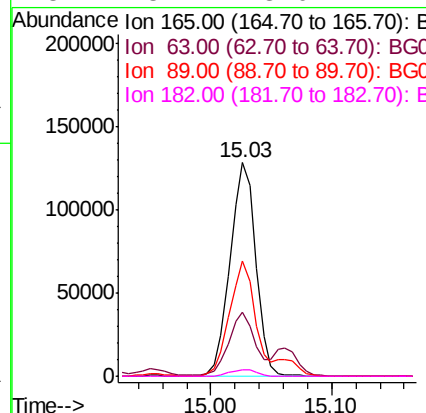
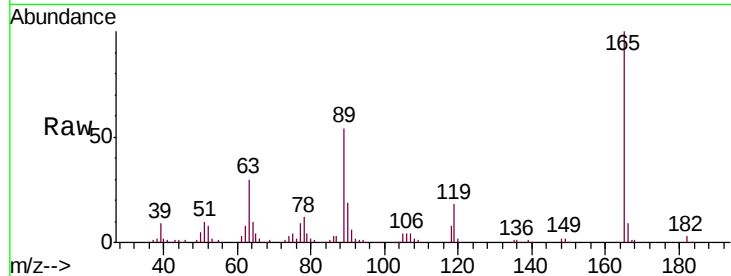
#57
 2,4-Dinitrotoluene
 Concen: 44.001 ng
 RT: 15.03 min Scan# 2032
 Delta R.T. -0.00 min
 Lab File: BG042455.D
 Acq: 24 Aug 2019 7:02

Instrument :
 BNA_G
 ClientSampleId :
 TP-1(1-3)MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	189834		
63	29.9	22.5	33.7	
89	54.1	37.8	56.6	
182	3.1	3.0	4.4	

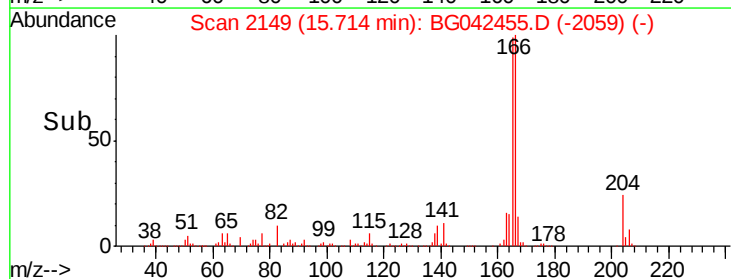
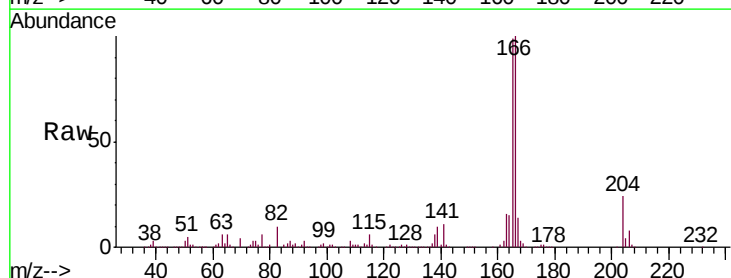
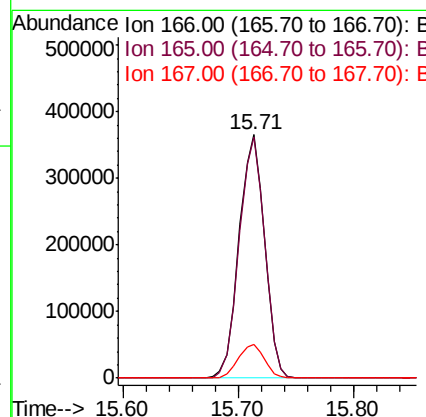
Manual Integrations
 APPROVED

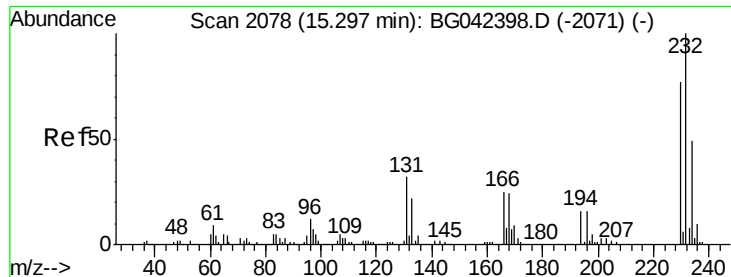
Jagrut
 8/26/2019 2:02:06 PM



#58
 Fluorene
 Concen: 45.040 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. -0.00 min
 Lab File: BG042455.D
 Acq: 24 Aug 2019 7:02

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	559010		
165	98.8	79.7	119.5	
167	13.9	10.9	16.3	





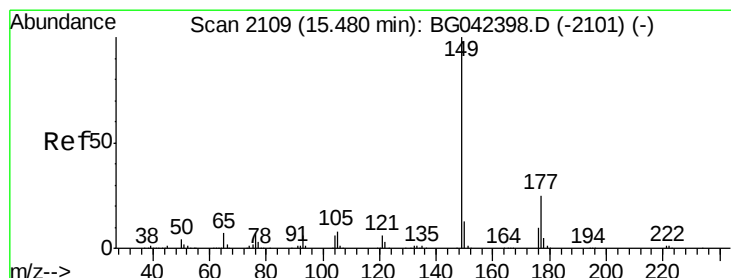
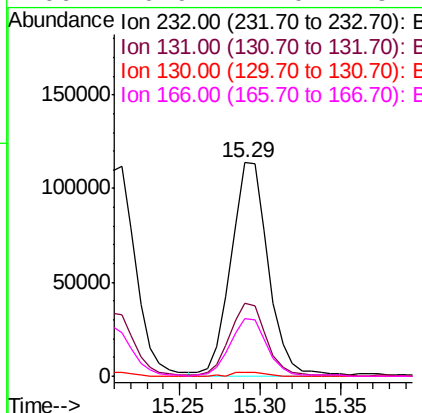
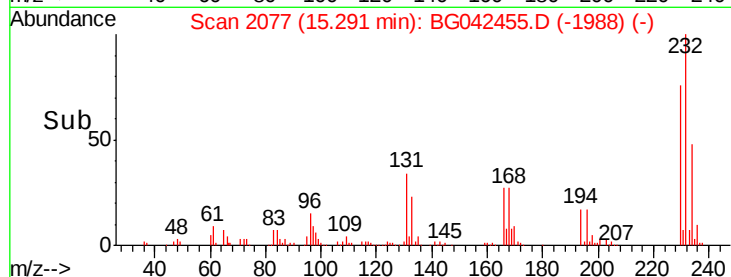
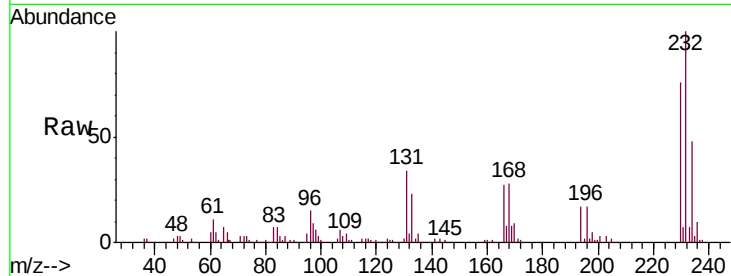
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.988 ng m
 RT: 15.29 min Scan# 2077
 Delta R.T. -0.01 min
 Lab File: BG042455.D
 Acq: 24 Aug 2019 7:02

Instrument :
 BNA_G
 ClientSampleId :
 TP-1(1-3)MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	184287		
131	29.2		22.9	34.3
130	1.9		1.4	2.0
166	20.9		17.0	25.4

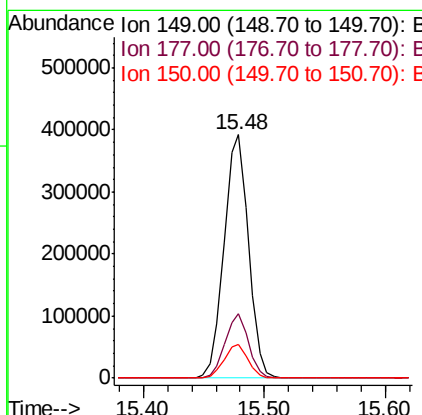
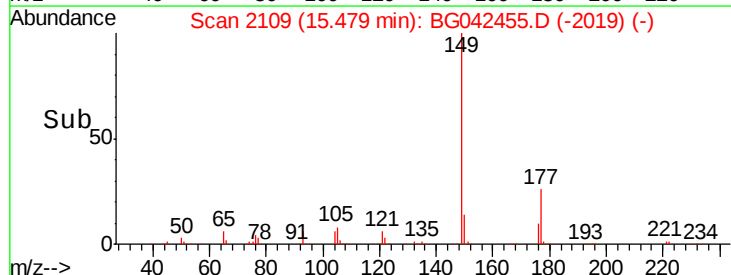
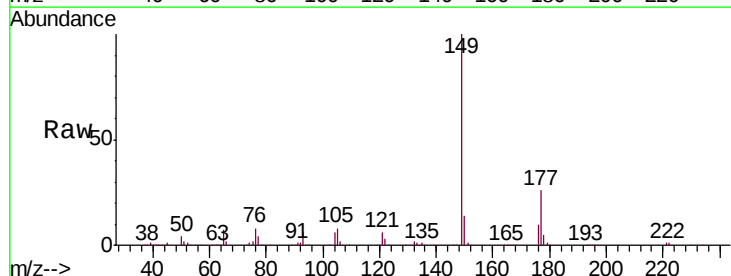
Manual Integrations
 APPROVED

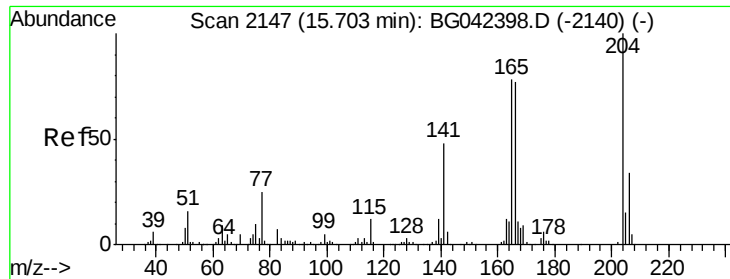
Jagrut
 8/26/2019 2:02:06 PM



#60
 Diethylphthalate
 Concen: 43.092 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.00 min
 Lab File: BG042455.D
 Acq: 24 Aug 2019 7:02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	547528		
177	26.3		20.4	30.6
150	13.8		10.3	15.5





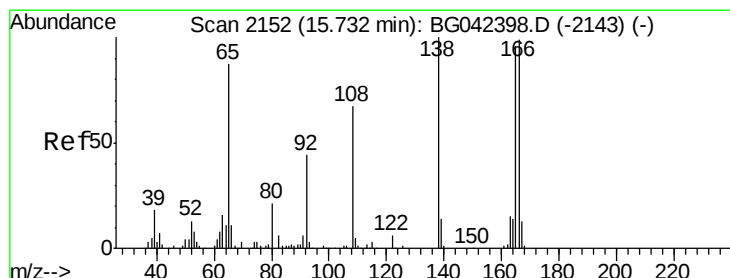
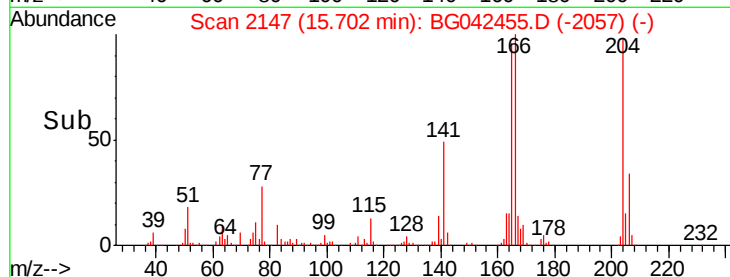
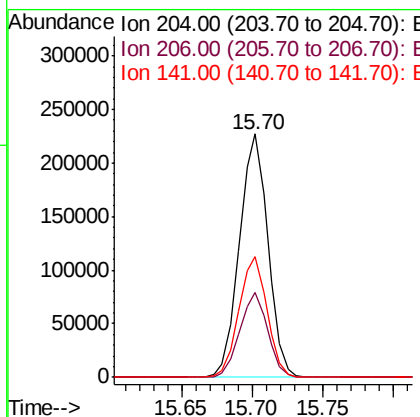
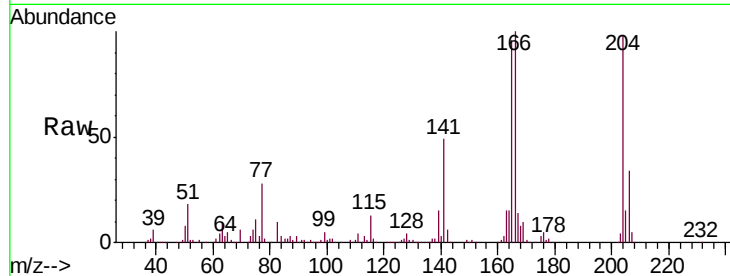
#61
4-Chlorophenyl-phenylether
Concen: 42.703 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Instrument :
BNA_G
ClientSampleId :
TP-1(1-3)MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.1	27.2	40.8
141	49.5	38.7	58.1

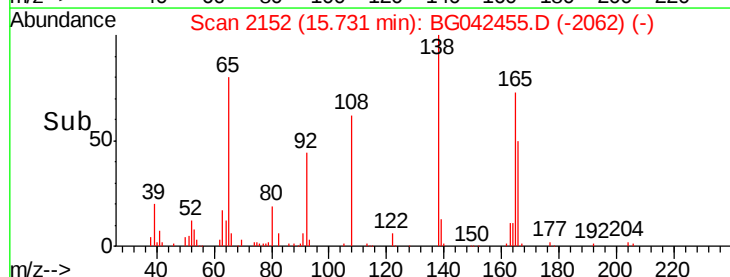
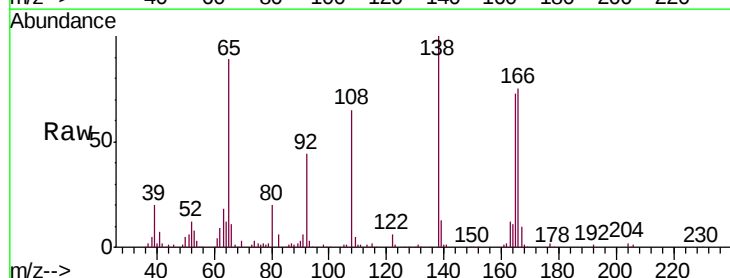
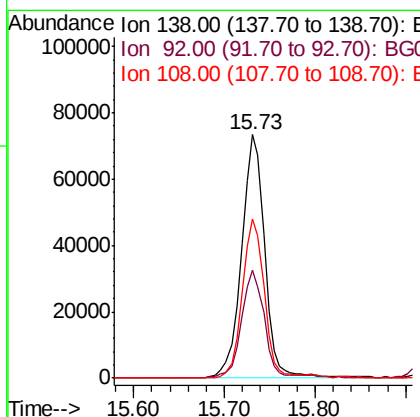
Manual Integrations
APPROVED

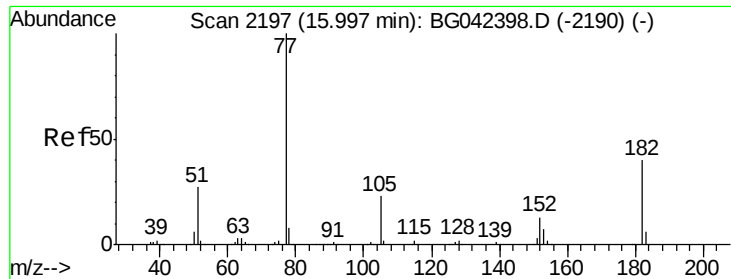
Jagrut
8/26/2019 2:02:06 PM



#62
4-Nitroaniline
Concen: 40.196 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Tgt Ion	Ratio	Lower	Upper
138	100		
92	44.3	24.2	64.2
108	65.2	46.8	86.8





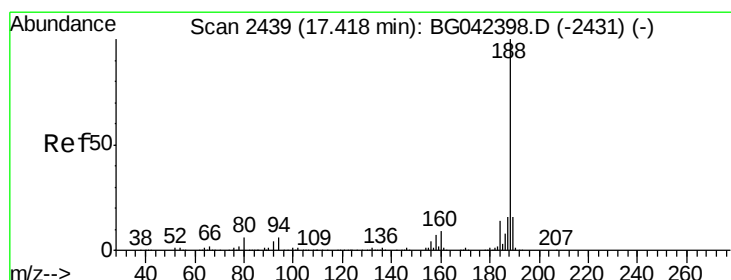
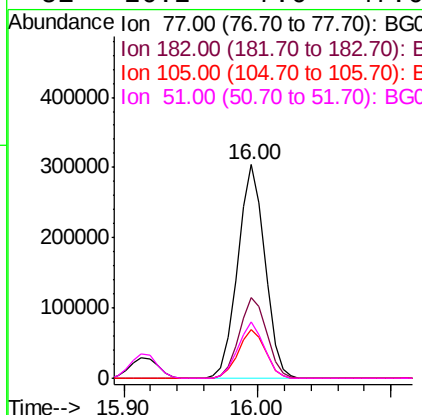
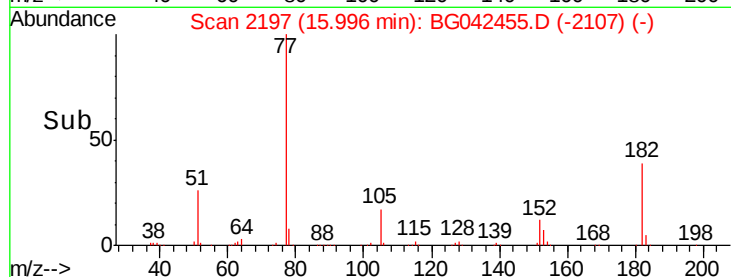
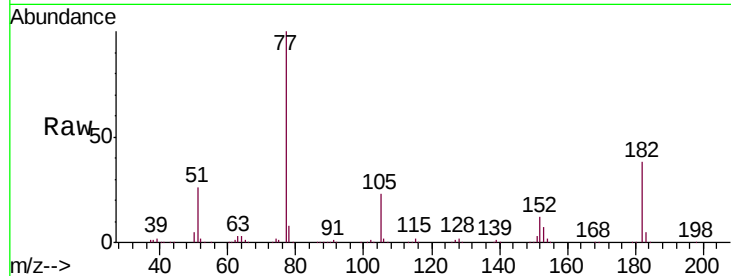
#63
Azobenzene
Concen: 49.004 ng
RT: 16.00 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Instrument :
BNA_G
ClientSampleId :
TP-1(1-3)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	37.9	19.9	59.9		
105	22.7	2.9	42.9		
51	26.2	7.6	47.6		

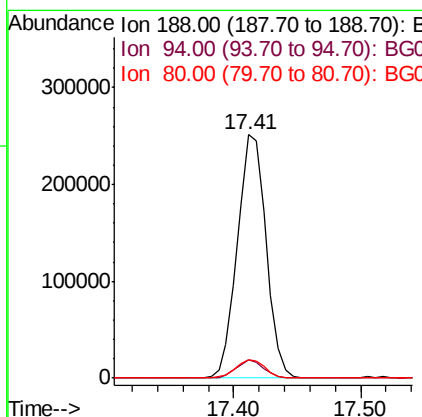
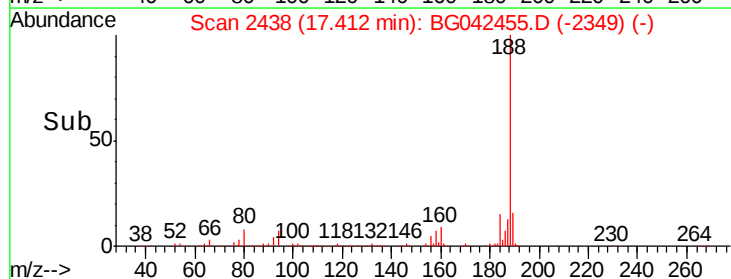
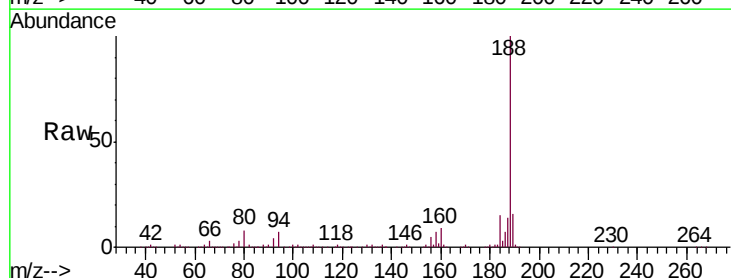
Manual Integrations
APPROVED

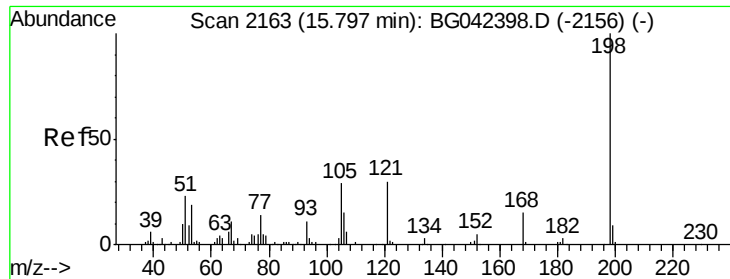
Jagrut
8/26/2019 2:02:06 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	7.4	4.5	6.7#		
80	7.7	4.9	7.3#		





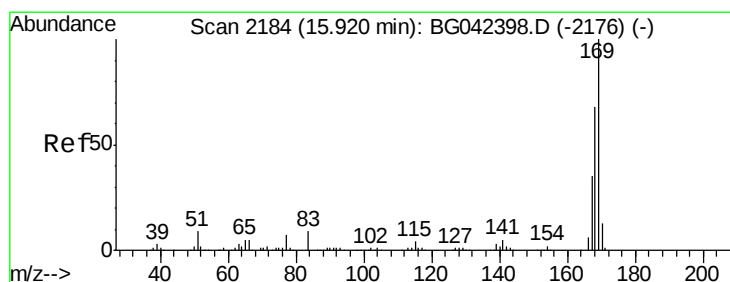
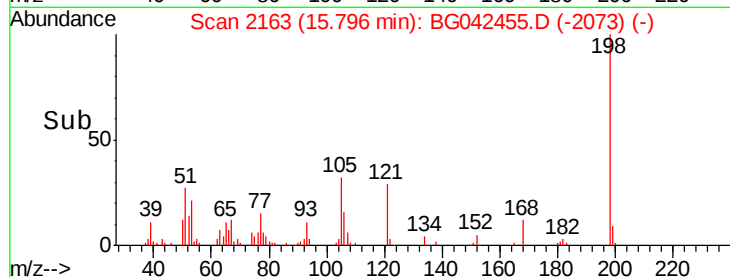
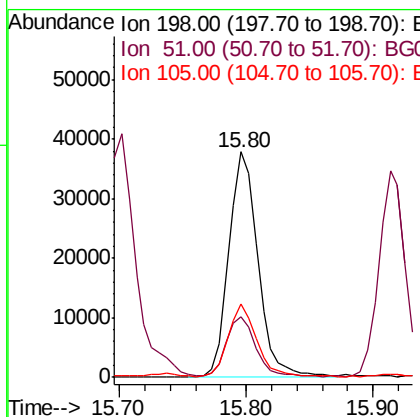
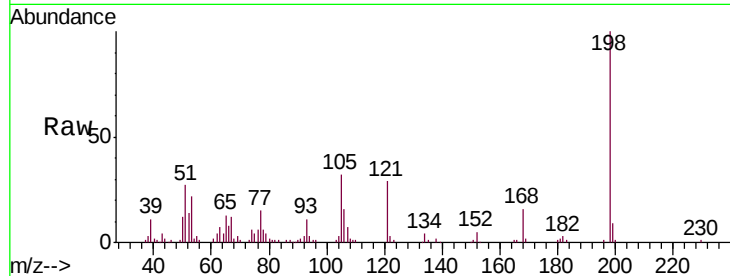
#65
4,6-Dinitro-2-methylphenol
Concen: 24.466 ng
RT: 15.80 min Scan# 2163
Delta R.T. -0.00 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Instrument :
BNA_G
ClientSampled :
TP-1(1-3)MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	60406		
51	26.7		4.2	44.2
105	32.4		8.8	48.8

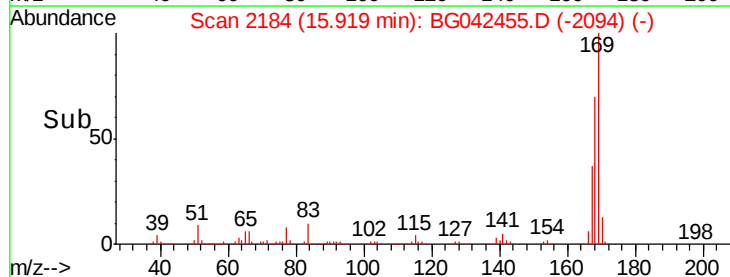
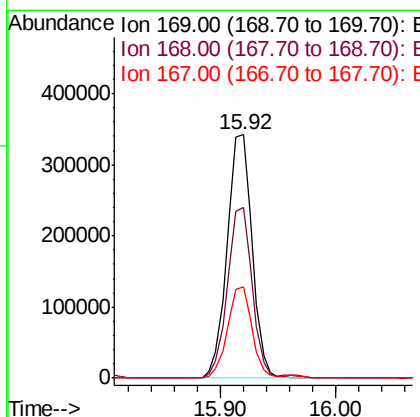
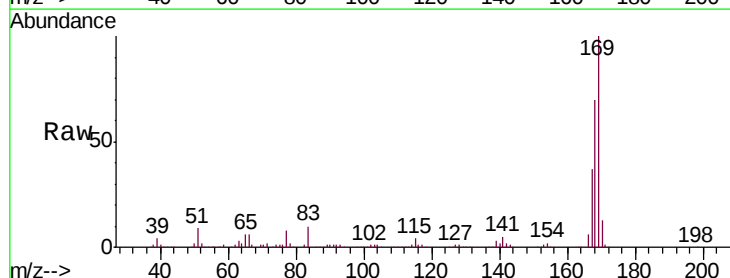
Manual Integrations
APPROVED

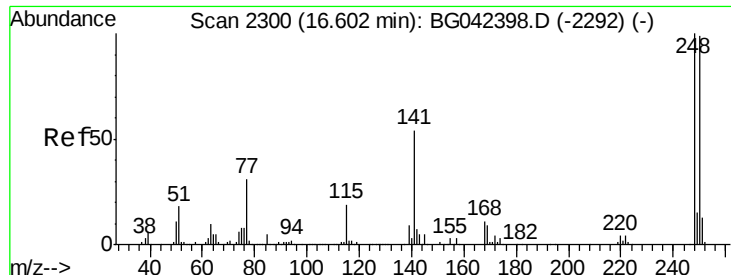
Jagrut
8/26/2019 2:02:06 PM



#66
n-Nitrosodiphenylamine
Concen: 47.388 ng
RT: 15.92 min Scan# 2184
Delta R.T. -0.00 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	513199		
168	70.3		54.3	81.5
167	37.3		28.2	42.2





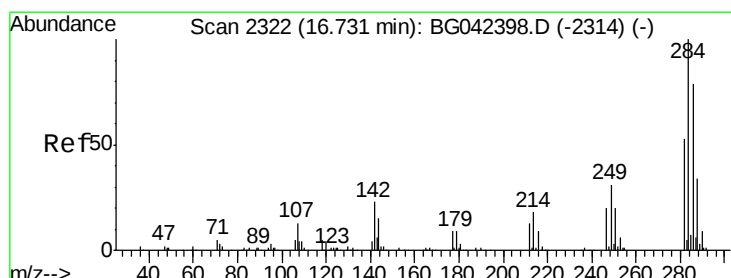
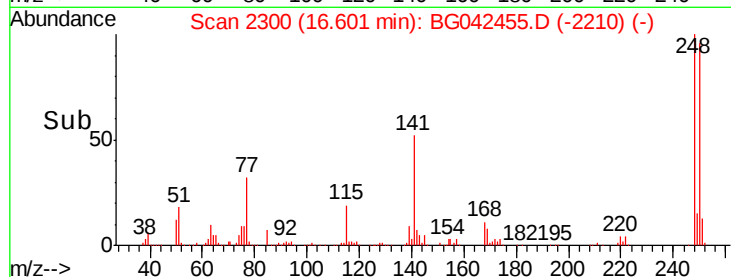
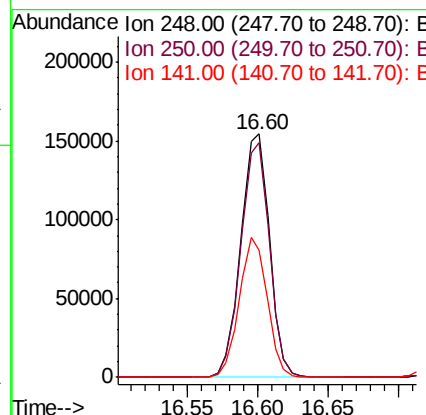
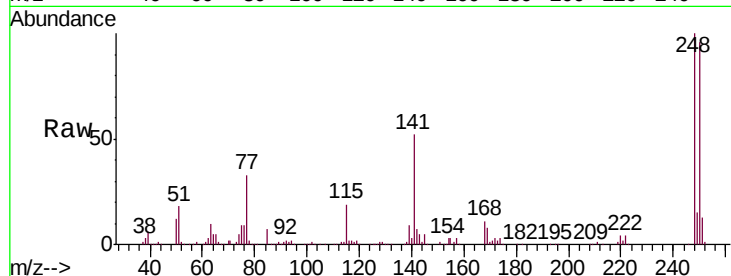
#67
 4-Bromophenyl-phenylether
 Concen: 43.990 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: BG042455.D
 Acq: 24 Aug 2019 7:02

Instrument :
 BNA_G
 ClientSampleId :
 TP-1(1-3)MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	78.9	118.3
141	52.2	43.3	64.9

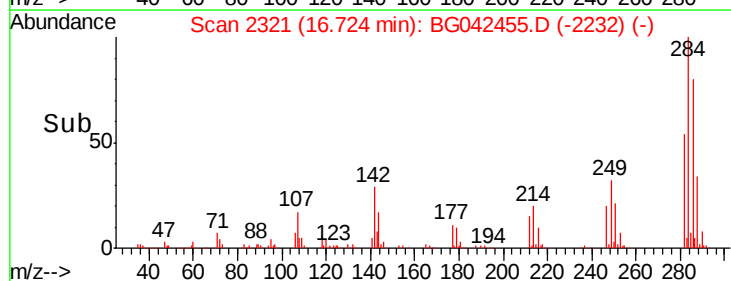
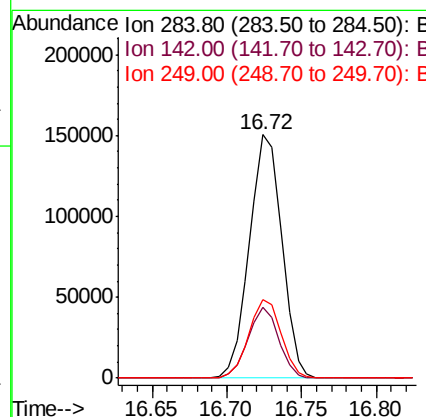
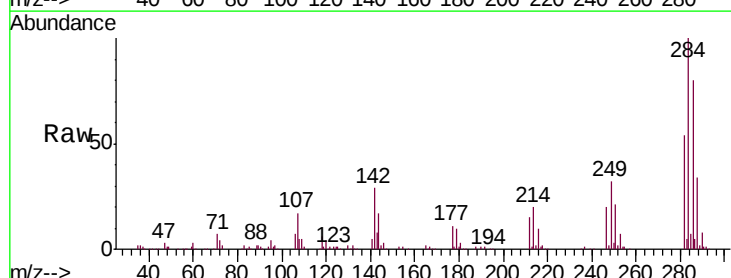
Manual Integrations
 APPROVED

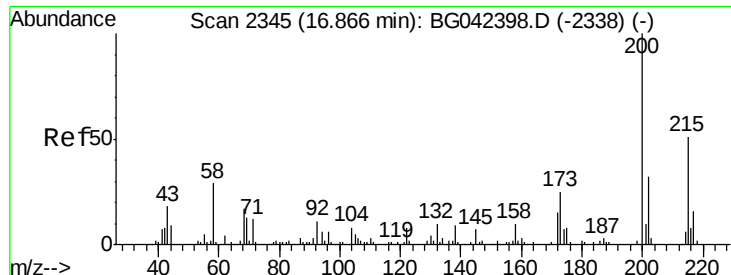
Jagrut
 8/26/2019 2:02:06 PM



#68
 Hexachlorobenzene
 Concen: 41.566 ng
 RT: 16.72 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG042455.D
 Acq: 24 Aug 2019 7:02

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.0	18.2	27.4#
249	32.0	25.0	37.4





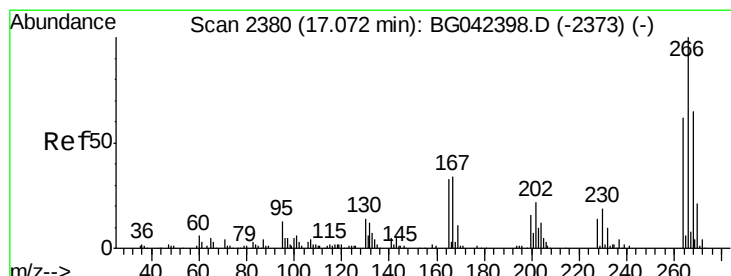
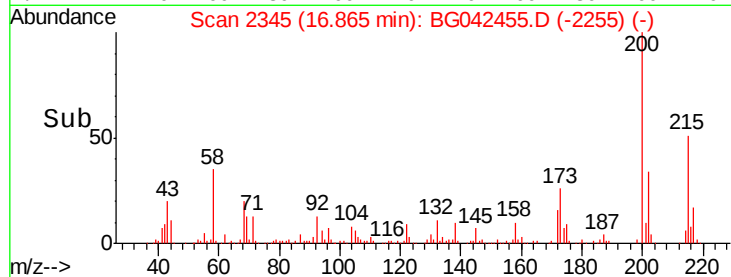
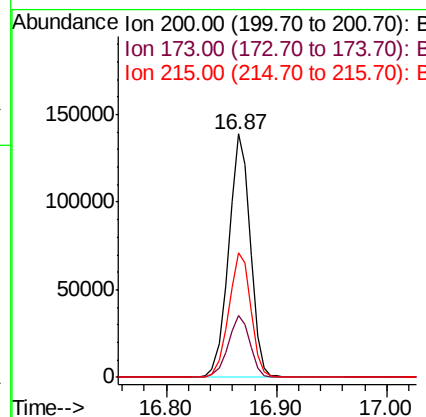
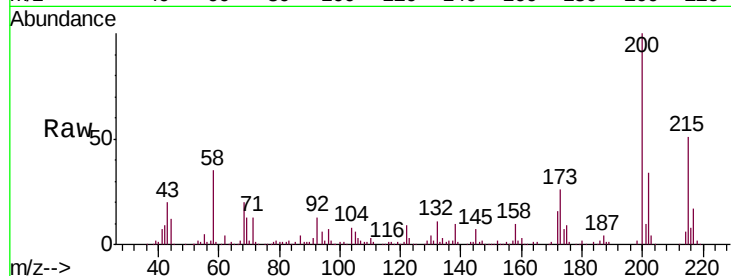
#69
 Atrazine
 Concen: 49.855 ng
 RT: 16.87 min Scan# 2345
 Delta R.T. -0.00 min
 Lab File: BG042455.D
 Acq: 24 Aug 2019 7:02

Instrument :
 BNA_G
 ClientSampleId :
 TP-1(1-3)MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.6	4.9	44.9
215	51.0	30.7	70.7

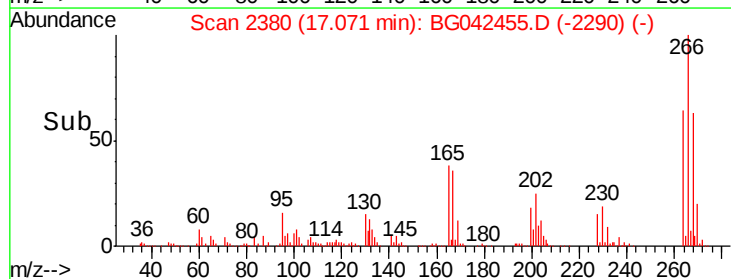
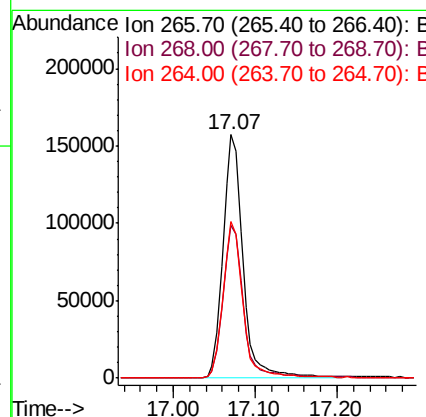
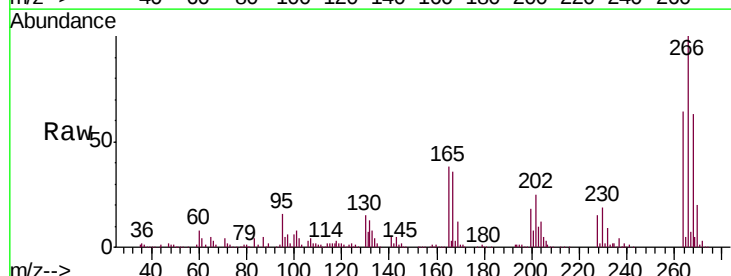
Manual Integrations
 APPROVED

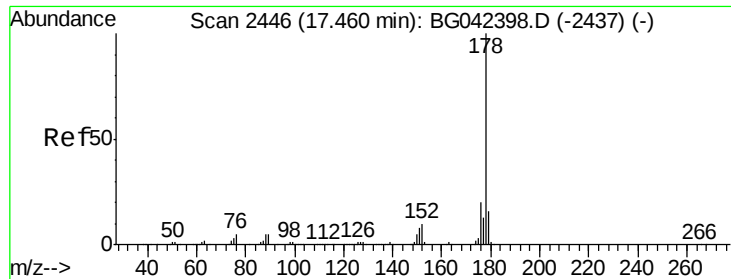
Jagrut
 8/26/2019 2:02:06 PM



#70
 Pentachlorophenol
 Concen: 95.950 ng
 RT: 17.07 min Scan# 2380
 Delta R.T. -0.00 min
 Lab File: BG042455.D
 Acq: 24 Aug 2019 7:02

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.9	52.1	78.1
264	64.1	49.4	74.2





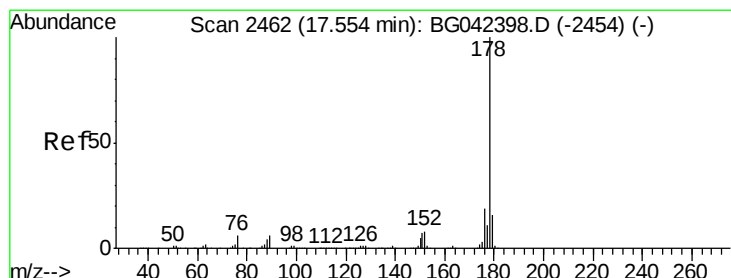
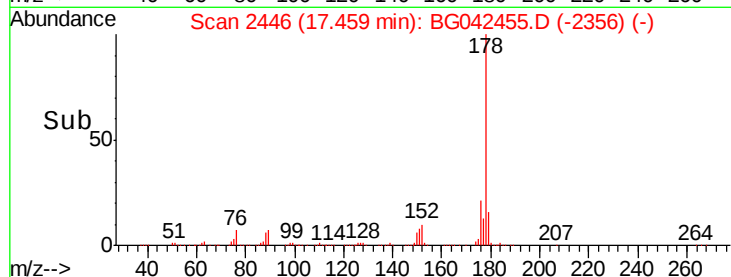
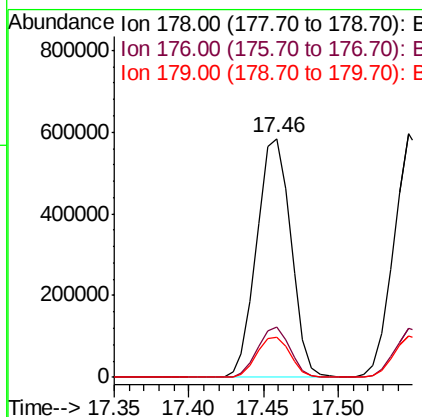
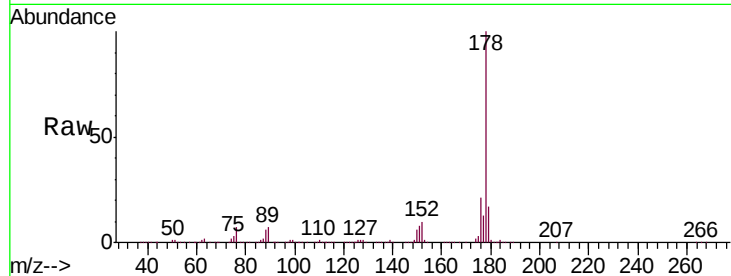
#71
Phenanthrene
Concen: 47.283 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Instrument :
BNA_G
ClientSampleId :
TP-1(1-3)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.9	23.9
179	16.7	12.7	19.1

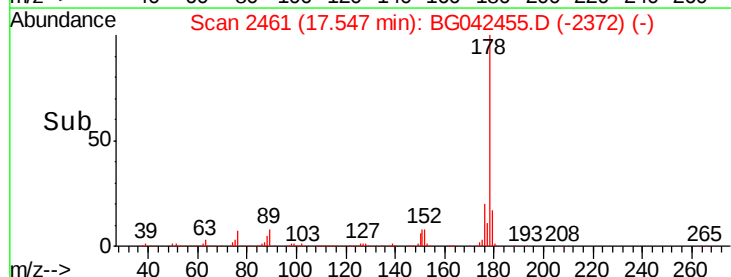
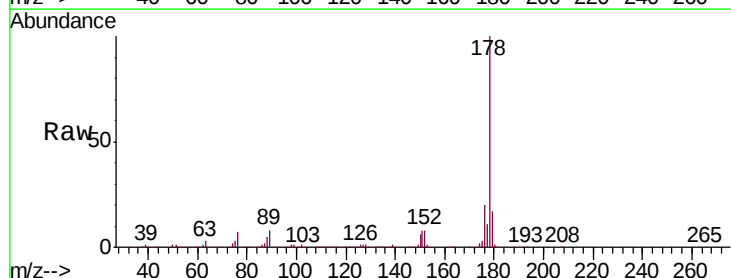
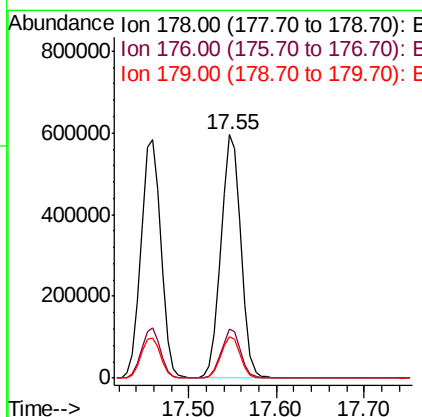
Manual Integrations
APPROVED

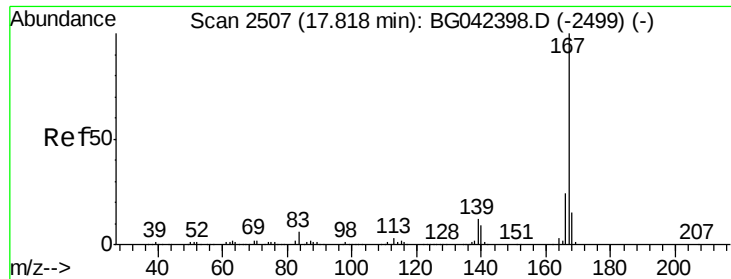
Jagrut
8/26/2019 2:02:06 PM



#72
Anthracene
Concen: 48.243 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.5	23.3
179	17.1	12.9	19.3





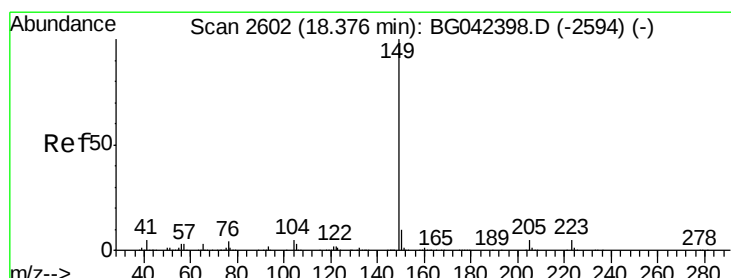
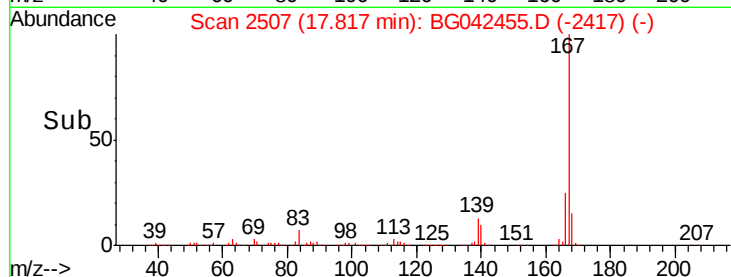
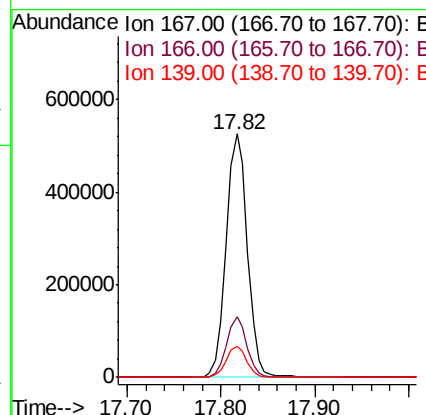
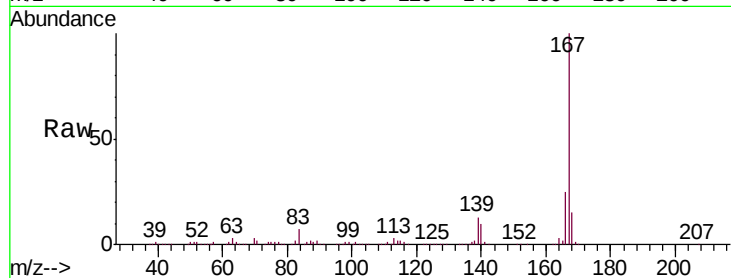
#73
 Carbazole
 Concen: 47.595 ng
 RT: 17.82 min Scan# 2507
 Delta R.T. -0.00 min
 Lab File: BG042455.D
 Acq: 24 Aug 2019 7:02

Instrument :
 BNA_G
 ClientSampleId :
 TP-1(1-3)MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.7	18.9	28.3
139	12.9	9.8	14.6

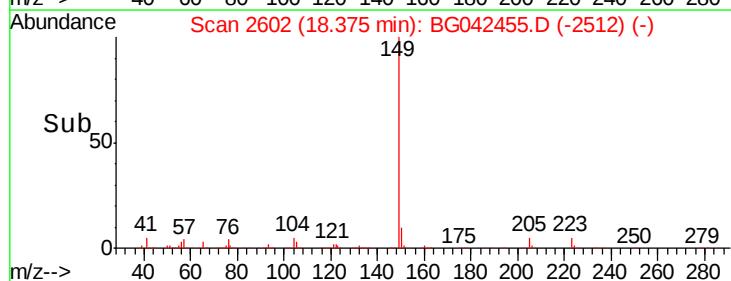
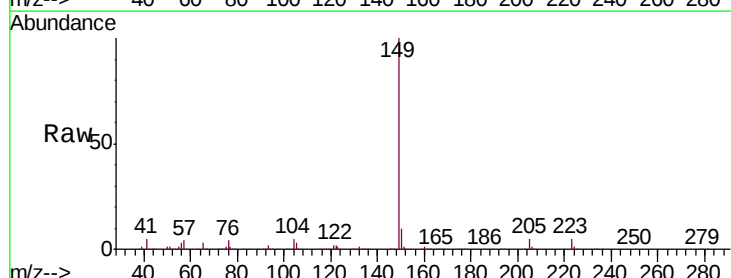
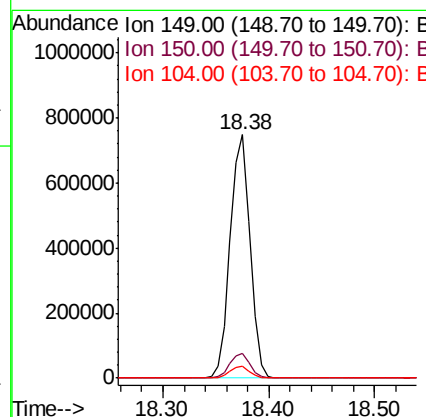
Manual Integrations
 APPROVED

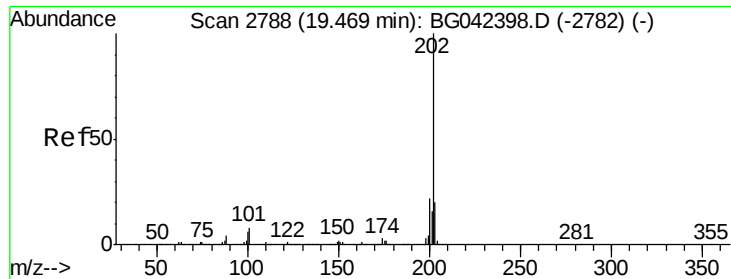
Jagrut
 8/26/2019 2:02:06 PM



#74
 Di-n-butylphthalate
 Concen: 47.371 ng
 RT: 18.38 min Scan# 2602
 Delta R.T. -0.00 min
 Lab File: BG042455.D
 Acq: 24 Aug 2019 7:02

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.1	12.1
104	4.8	3.7	5.5





#75

Fluoranthene

Concen: 48.490 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.00 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

Instrument :

BNA_G

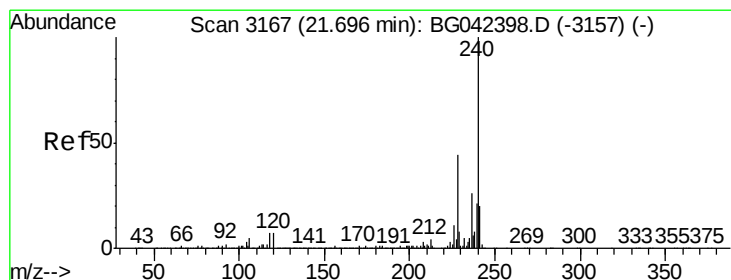
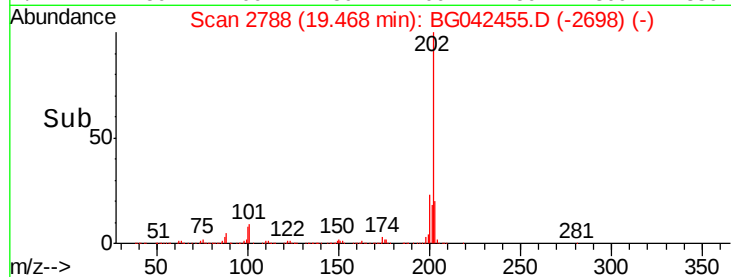
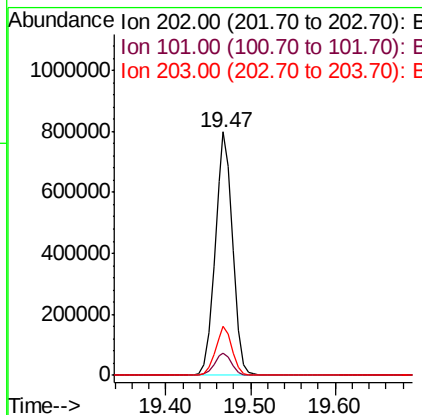
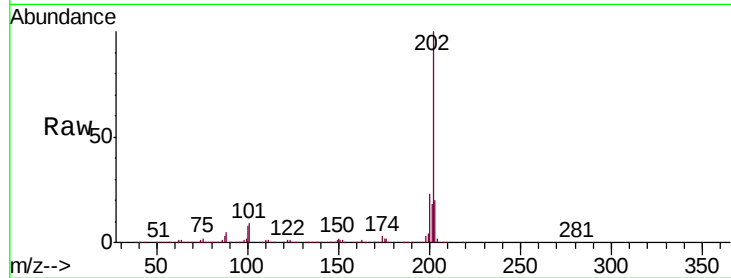
ClientSampled :

TP-1(1-3)MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	28.3
203	20.1	0.0	39.6

Manual Integrations
APPROVED

Jagrut
8/26/2019 2:02:06 PM



#76

Chrysene-d12

Concen: 20.000 ng

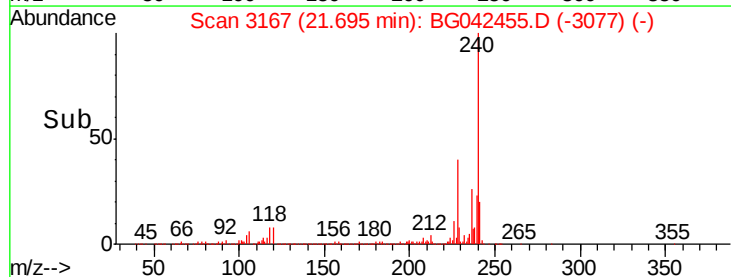
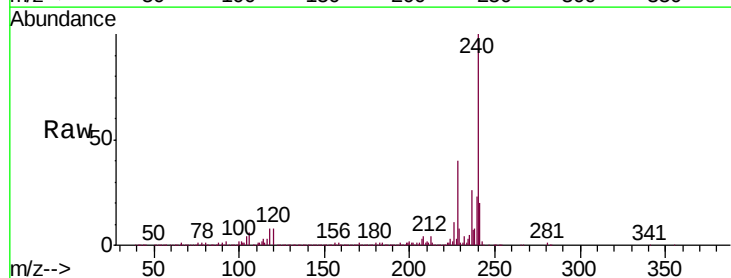
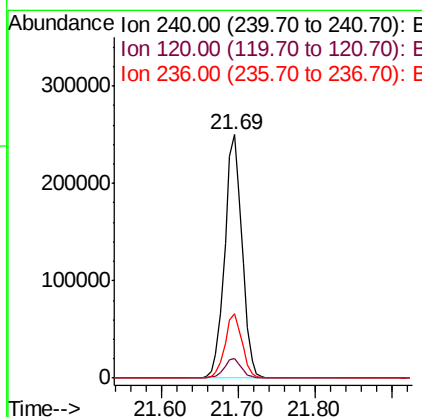
RT: 21.69 min Scan# 3167

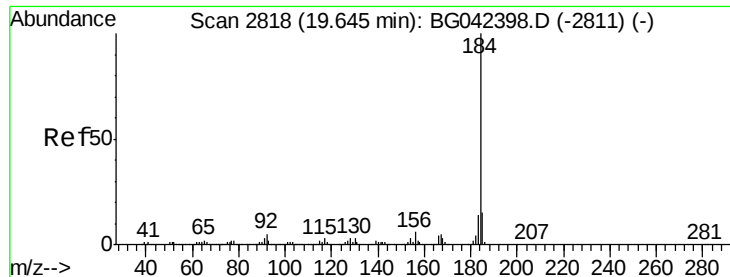
Delta R.T. -0.00 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.8	5.7	8.5
236	26.2	21.0	31.4





#77

Benzidine

Concen: 59.195 ng

RT: 19.64 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

Instrument :

BNA_G

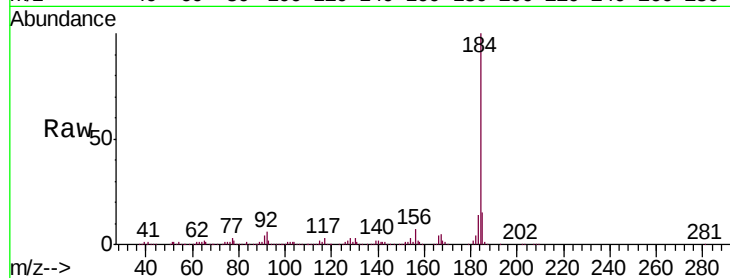
ClientSampleId :

TP-1(1-3)MS

Tot Ion:	184	Resp:	664785
Ion Ratio		Lower	Upper
184	100		
185	15.2	12.2	18.4
183	14.1	10.8	16.2

Manual Integrations
APPROVED

Jagrut
8/26/2019 2:02:06 PM

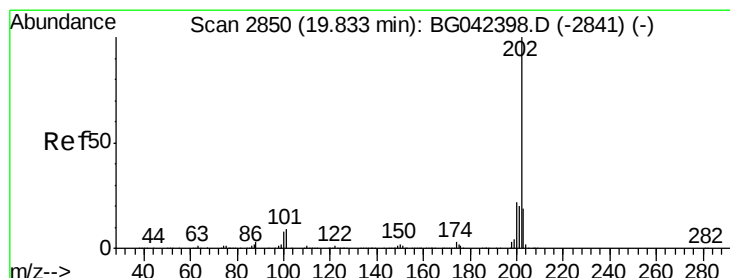
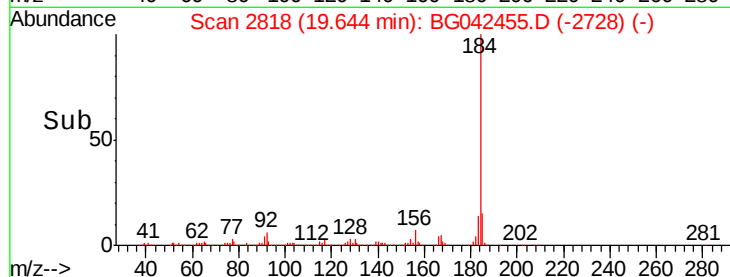
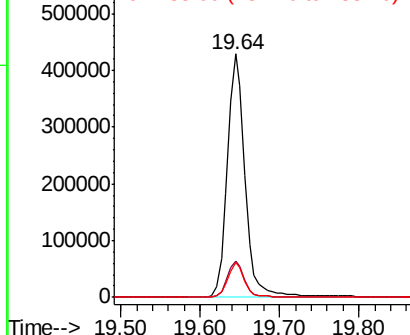


Abundance

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: 47.898 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

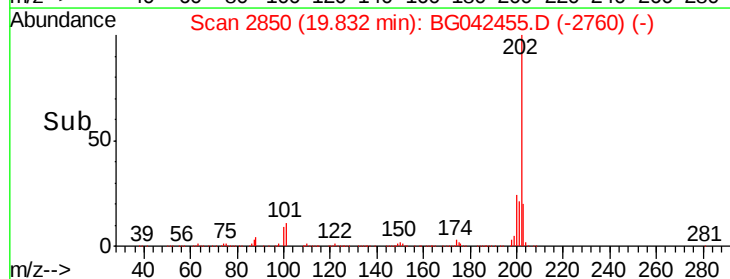
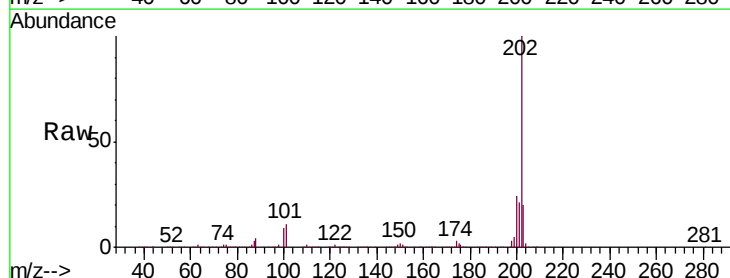
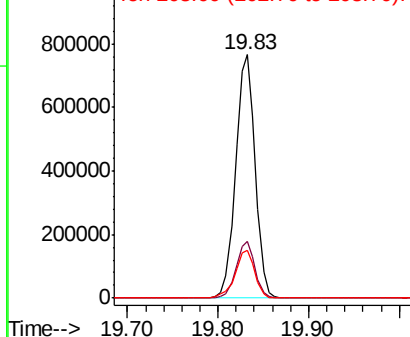
Tgt Ion:	202	Resp:	1150289
Ion Ratio		Lower	Upper
202	100		
200	23.6	17.8	26.6
203	19.8	15.5	23.3

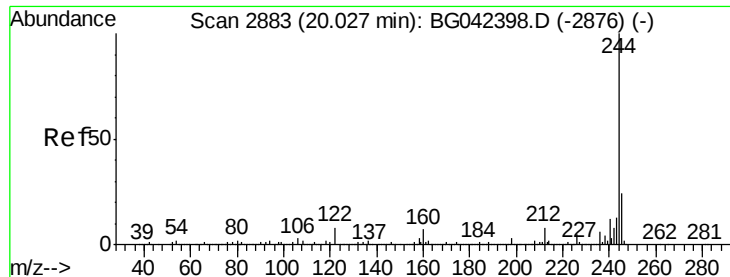
Abundance

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: 81.819 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

Instrument :

BNA_G

ClientSampleId :

TP-1(1-3)MS

Tot Ion:244 Resp: 1482446

Ion Ratio Lower Upper

244 100

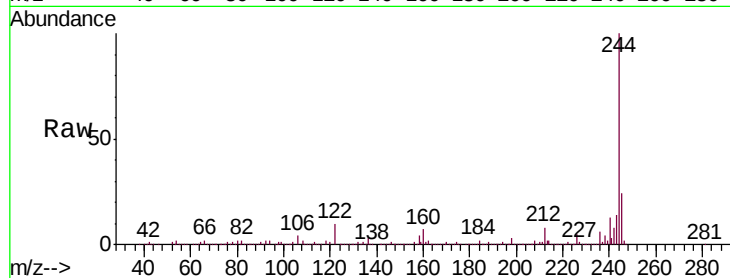
212 8.2 6.0 9.0

122 10.2 6.7 10.1#

Manual Integrations
APPROVED

Jagrut

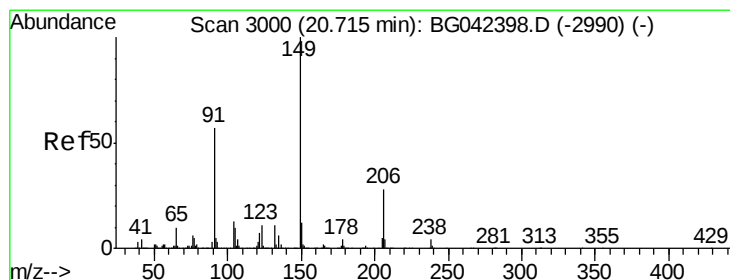
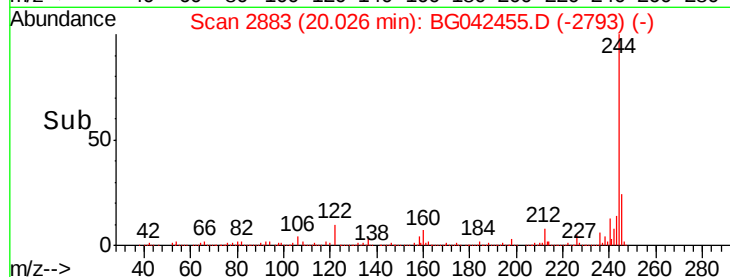
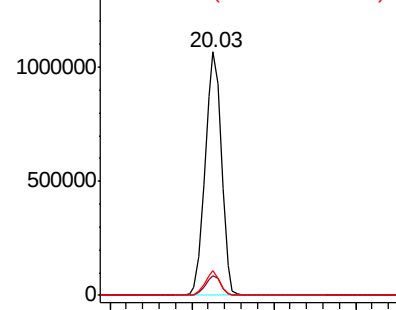
8/26/2019 2:02:06 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.428 ng

RT: 20.71 min Scan# 3000

Delta R.T. -0.00 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

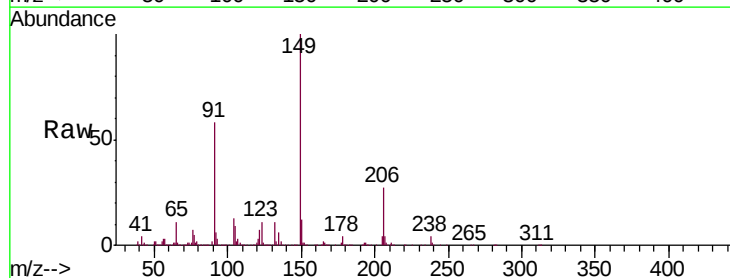
Tgt Ion:149 Resp: 457442

Ion Ratio Lower Upper

149 100

91 57.9 45.9 68.9

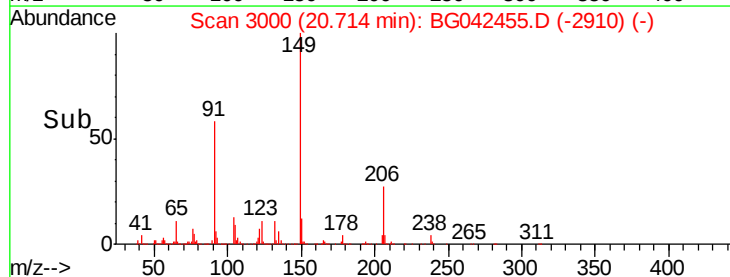
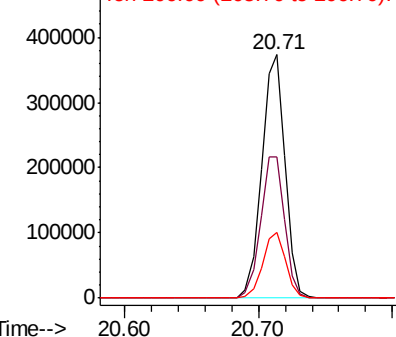
206 27.2 22.5 33.7

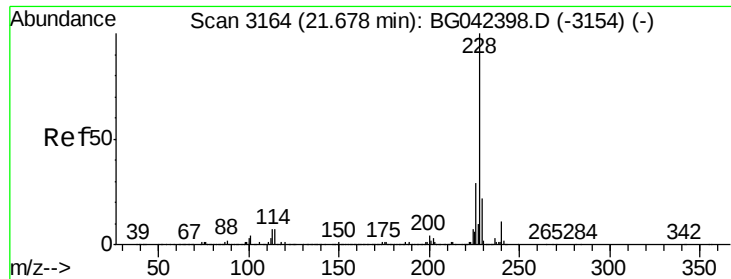


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





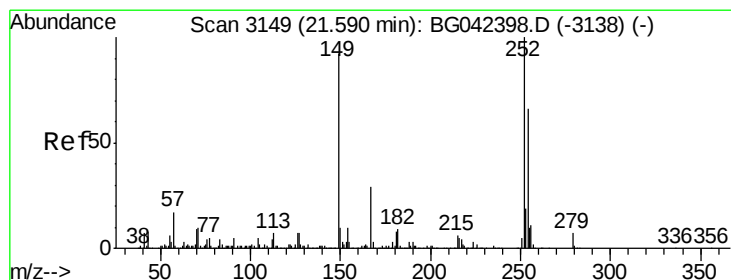
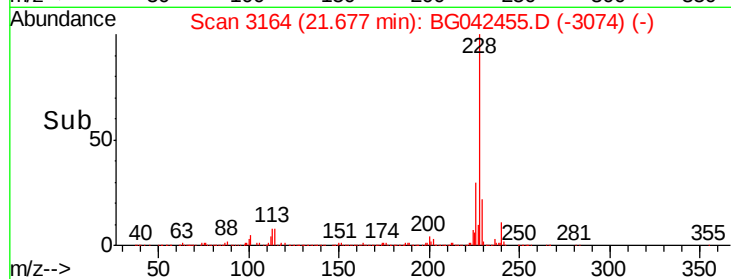
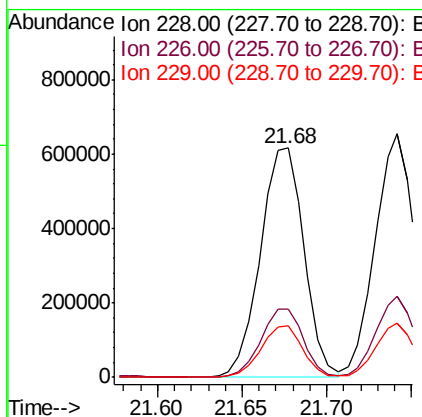
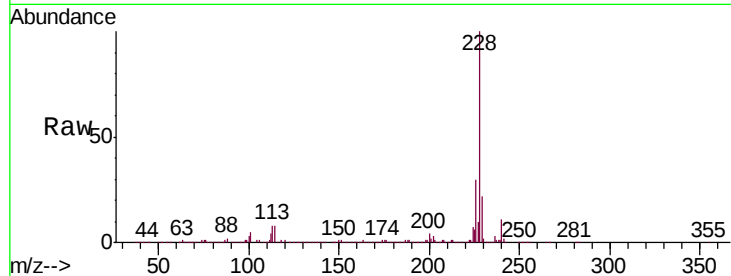
#81
Benzo(a)anthracene
Concen: 46.296 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.00 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Instrument :
BNA_G
ClientSampleId :
TP-1(1-3)MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.4	35.2
229	22.4	17.4	26.2

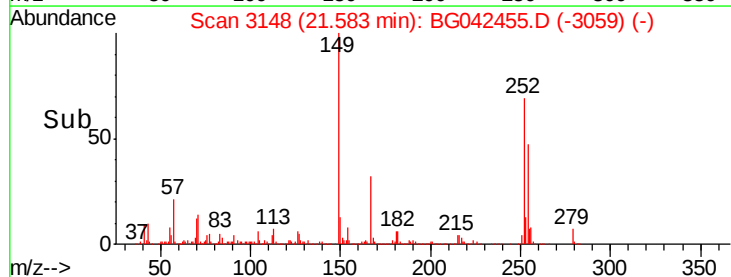
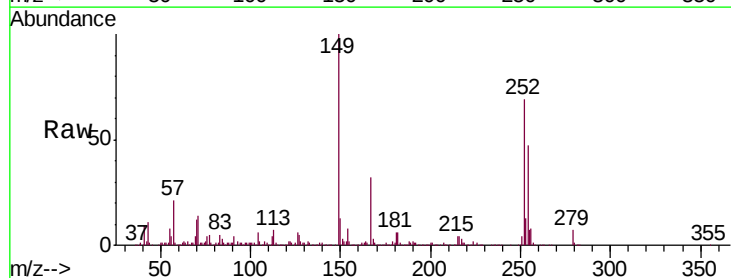
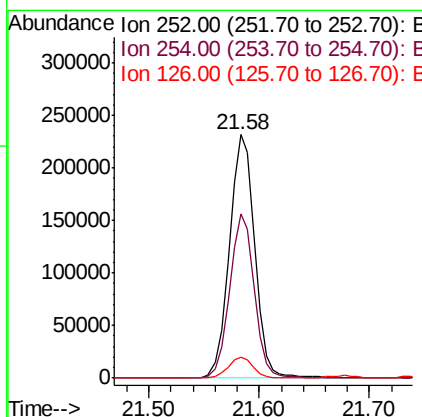
Manual Integrations
APPROVED

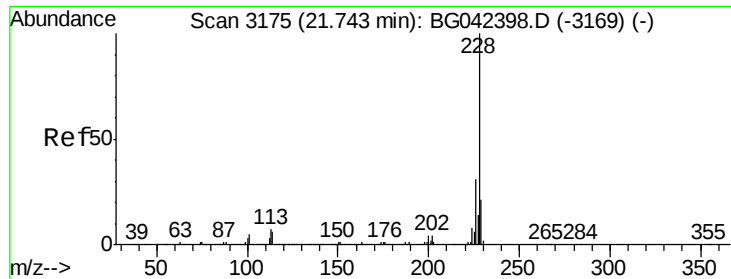
Jagrut
8/26/2019 2:02:06 PM



#82
3,3'-Dichlorobenzidine
Concen: 38.855 ng
RT: 21.58 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Tgt Ion	Ratio	Lower	Upper
252	100		
254	67.4	53.0	79.4
126	8.6	5.7	8.5#





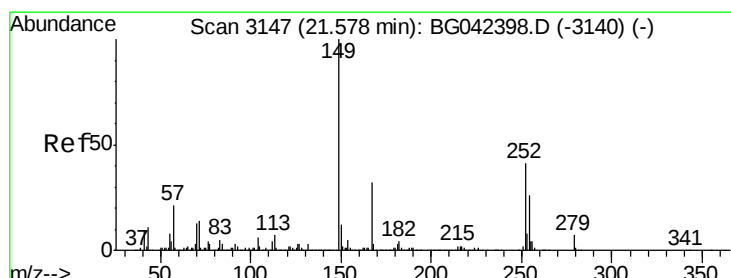
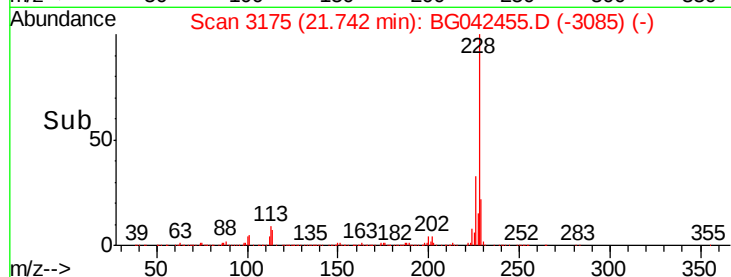
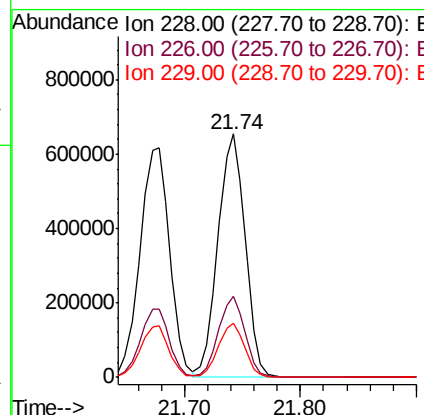
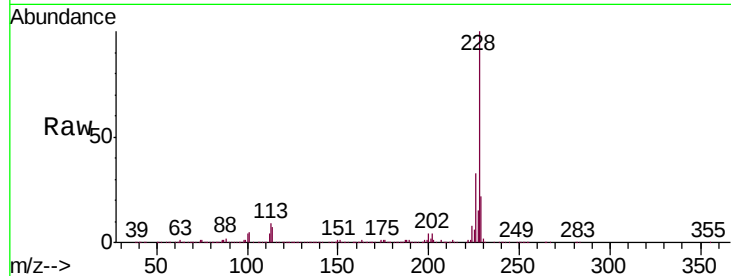
#83
 Chrysene
 Concen: 46.474 ng
 RT: 21.74 min Scan# 3175
 Delta R.T. -0.00 min
 Lab File: BG042455.D
 Acq: 24 Aug 2019 7:02

Instrument :
 BNA_G
 ClientSampleId :
 TP-1(1-3)MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.5	24.9	37.3
229	22.1	16.9	25.3

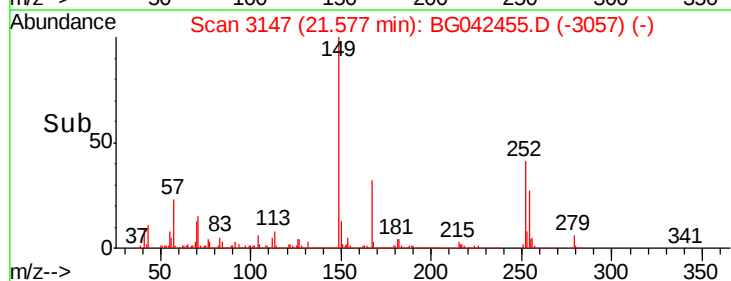
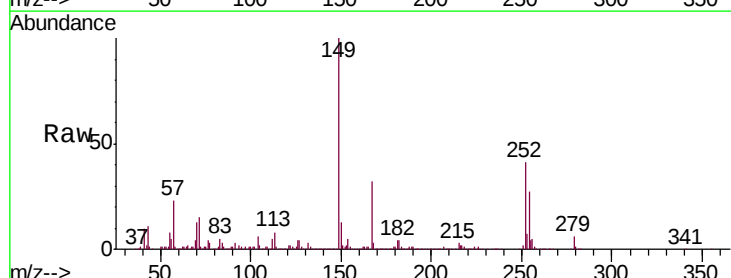
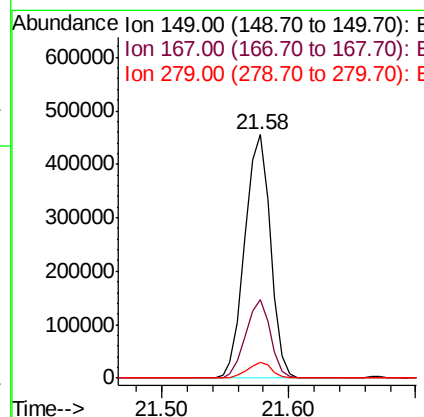
Manual Integrations
 APPROVED

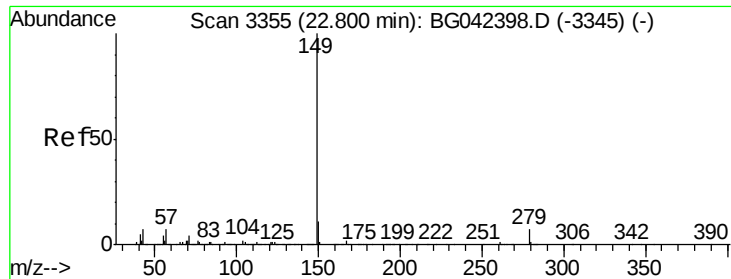
Jagrut
 8/26/2019 2:02:06 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.386 ng
 RT: 21.58 min Scan# 3147
 Delta R.T. -0.00 min
 Lab File: BG042455.D
 Acq: 24 Aug 2019 7:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.1	26.0	39.0
279	6.4	5.4	8.0





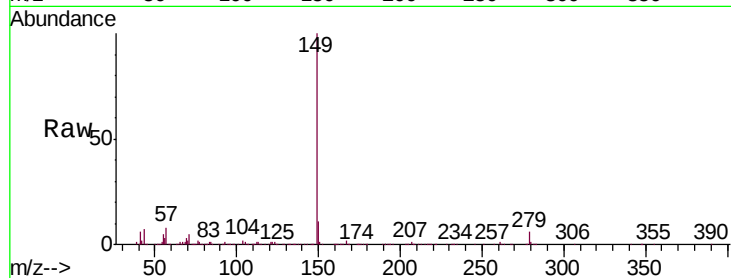
#85
Di-n-octyl phthalate
Concen: 48.727 ng
RT: 22.79 min Scan# 3354
Delta R.T. -0.01 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Instrument :
BNA_G
ClientSampleId :
TP-1(1-3)MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.6	2.4
43	7.1	5.3	7.9

Manual Integrations
APPROVED

Jagrut
8/26/2019 2:02:06 PM

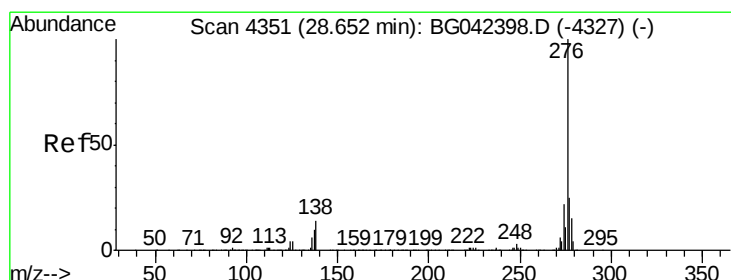
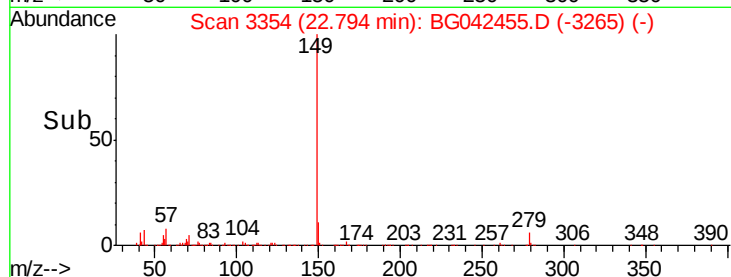
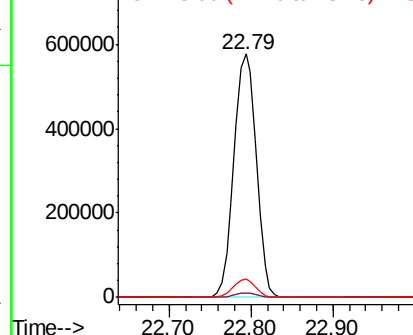


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86
Indeno(1,2,3-cd)pyrene
Concen: 42.969 ng
RT: 28.65 min Scan# 4351
Delta R.T. -0.00 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

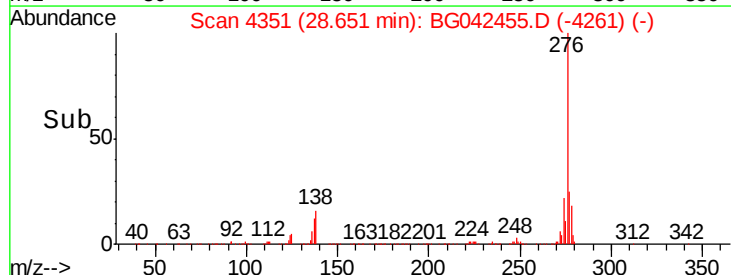
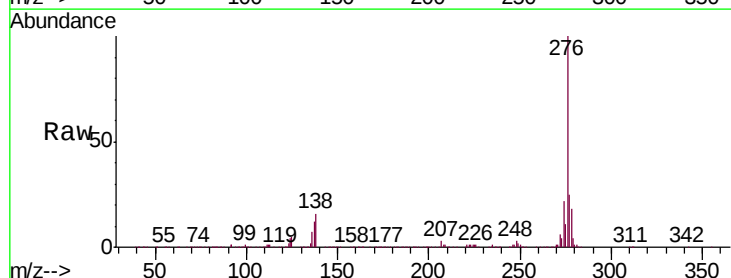
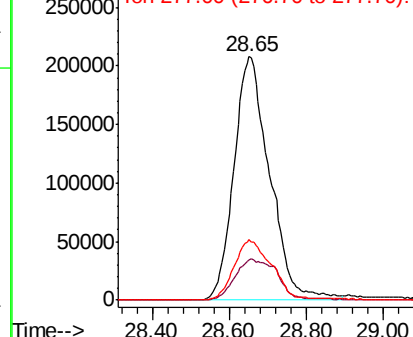
Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.0	9.2	13.8#
277	25.9	21.0	31.6

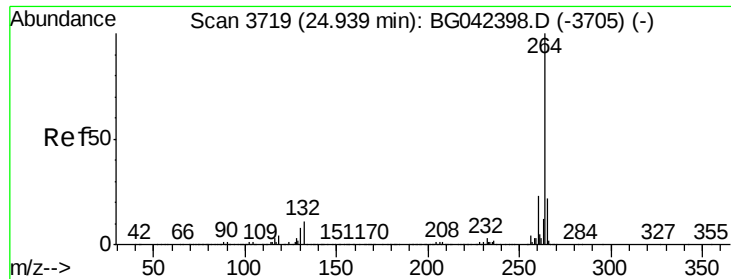
Abundance

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





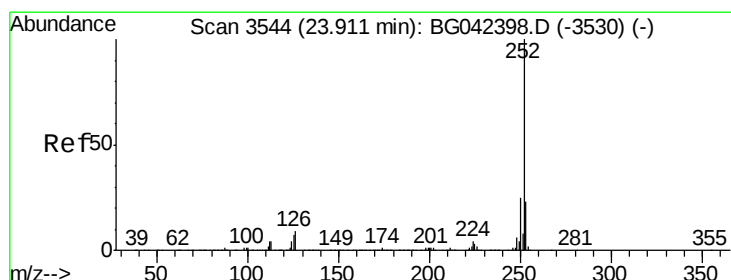
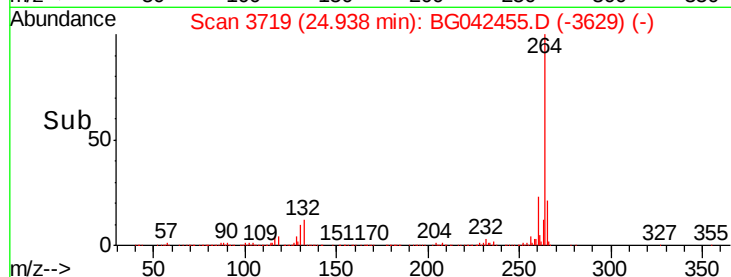
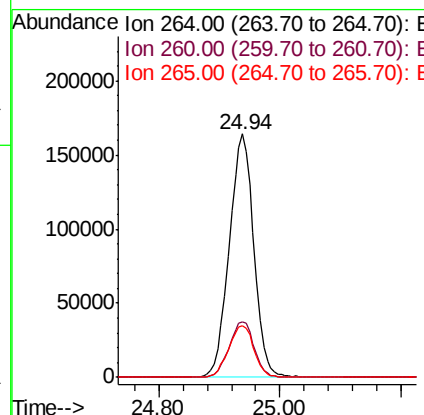
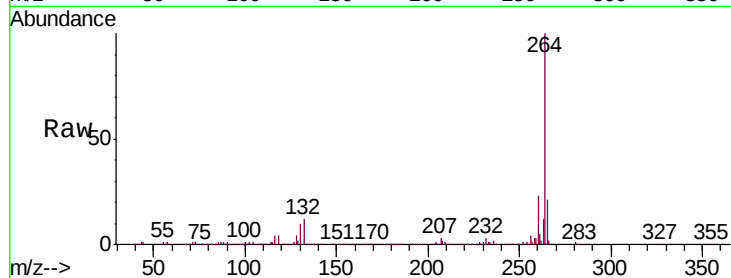
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.94 min Scan# 3719
Delta R.T. -0.00 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Instrument :
BNA_G
ClientSampleId :
TP-1(1-3)MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.5	27.7
265	21.1	17.6	26.4

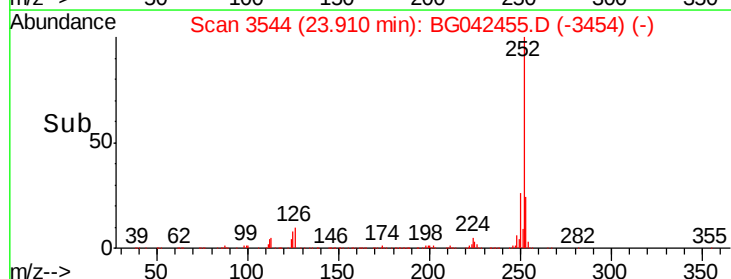
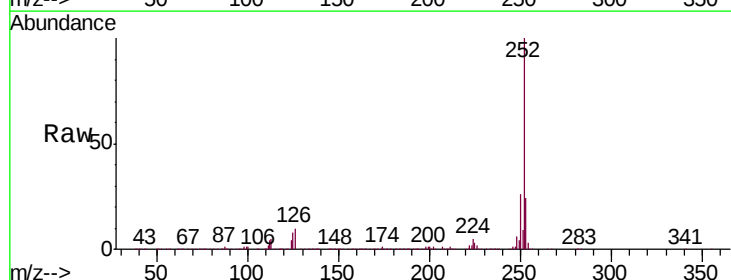
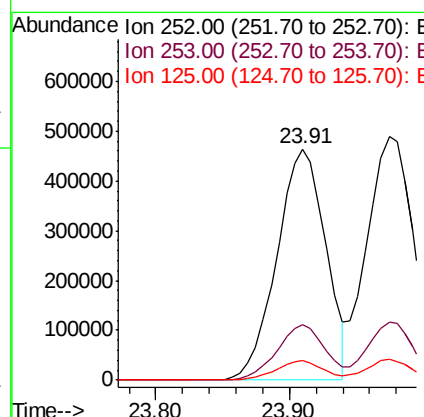
Manual Integrations
APPROVED

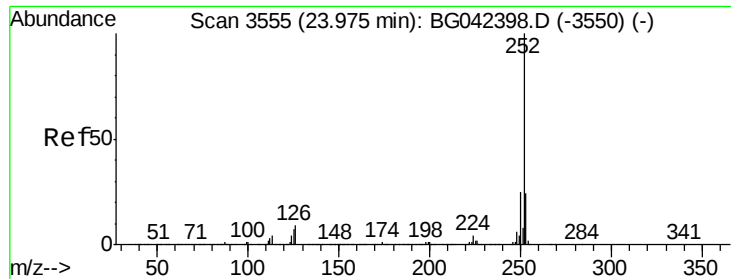
Jagrut
8/26/2019 2:02:06 PM



#88
Benzo(b)fluoranthene
Concen: 46.274 ng
RT: 23.91 min Scan# 3544
Delta R.T. -0.00 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.6	27.8
125	8.2	5.6	8.4





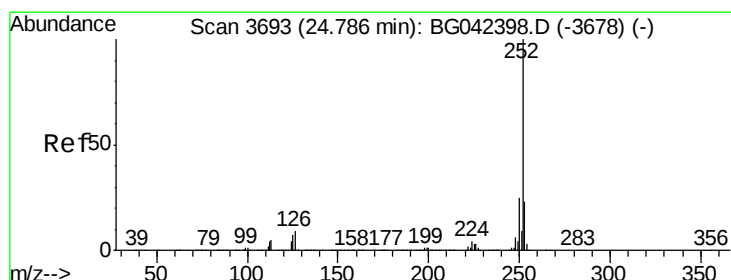
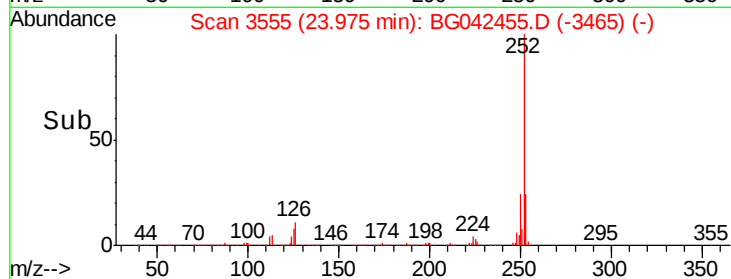
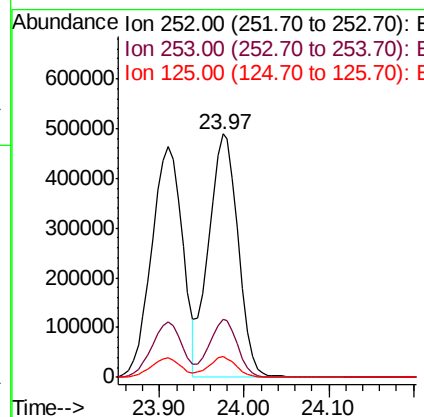
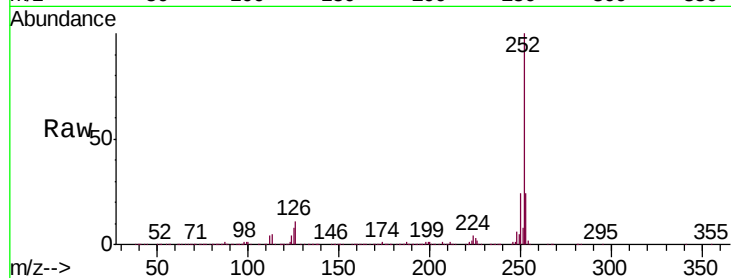
#89
Benzo(k)fluoranthene
Concen: 48.538 ng
RT: 23.97 min Scan# 3555
Delta R.T. -0.00 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Instrument :
BNA_G
ClientSampleId :
TP-1(1-3)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.6	27.8
125	8.4	5.8	8.6

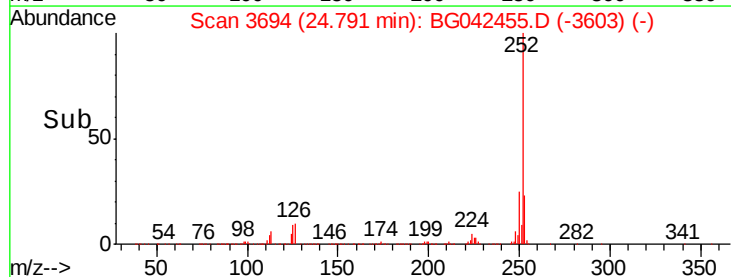
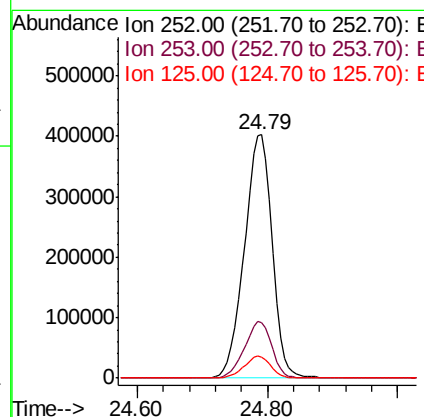
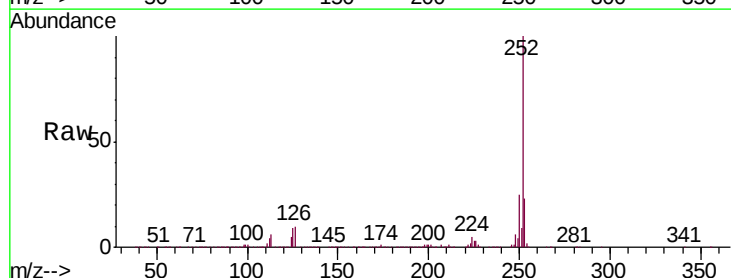
Manual Integrations
APPROVED

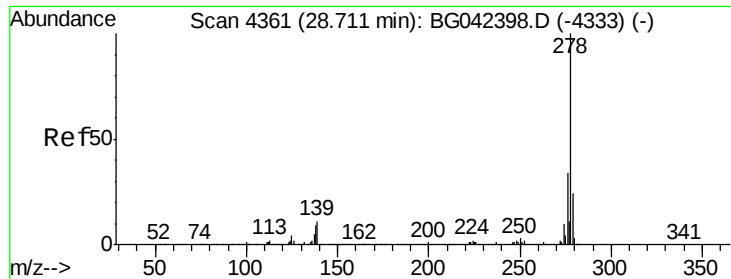
Jagrut
8/26/2019 2:02:06 PM



#90
Benzo(a)pyrene
Concen: 49.177 ng
RT: 24.79 min Scan# 3694
Delta R.T. 0.00 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.4	27.6
125	8.6	6.0	9.0





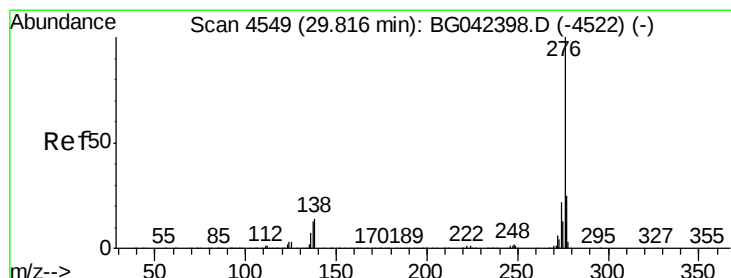
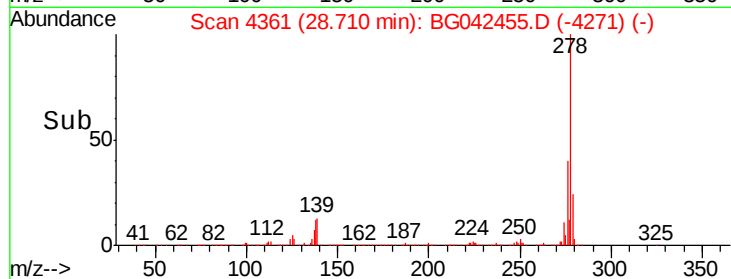
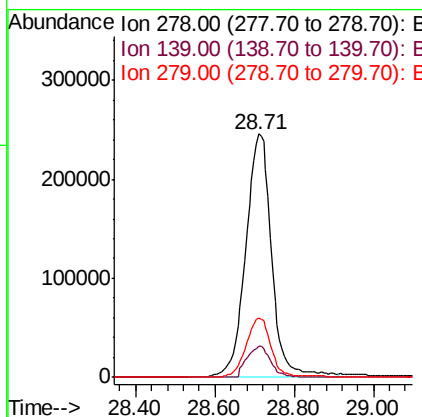
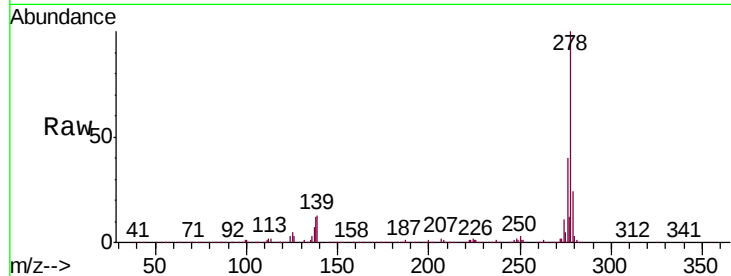
#91
Dibenzo(a,h)anthracene
Concen: 45.787 ng
RT: 28.71 min Scan# 4361
Delta R.T. -0.00 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Instrument :
BNA_G
ClientSampleId :
TP-1(1-3)MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.7	8.8	13.2
279	24.1	19.1	28.7

Manual Integrations
APPROVED

Jagrut
8/26/2019 2:02:06 PM



#92
Benzo(g,h,i)perylene
Concen: 43.492 ng
RT: 29.81 min Scan# 4549
Delta R.T. -0.00 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.8	29.8
138	17.4	11.4	17.0

