

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082119\
 Data File : BG042387.D
 Acq On : 21 Aug 2019 17:24
 Operator : HP/JU
 Sample : K4365-05MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0604-COMP-BH-6MSD

Manual Integrations
 APPROVED

Jagrut
 8/22/2019 1:58:55 PM

Quant Time: Aug 21 19:03:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 13:40:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	73678	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	301395	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	241489	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	551450	20.00	ng	0.00
76) Chrysene-d12	21.70	240	412884	20.00	ng	0.00
87) Perylene-d12	24.95	264	488980	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	473379	130.18	ng	0.00
7) Phenol-d6	7.18	99	658516	133.34	ng	0.01
23) Nitrobenzene-d5	9.18	82	373290	87.11	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	411546	125.13	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1108743	77.69	ng	0.00
79) Terphenyl-d14	20.03	244	1663036	88.22	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	44217	28.196	ng	# 96
3) Pyridine	3.83	79	135115	33.636	ng	99
4) n-Nitrosodimethylamine	3.75	42	55423	40.075	ng	98
6) Aniline	7.33	93	159861	24.526	ng	98
8) 2-Chlorophenol	7.58	128	202592	45.827	ng	99
9) Benzaldehyde	7.14	77	72505	26.099	ng	97
10) Phenol	7.21	94	235956	46.993	ng	96
11) bis(2-Chloroethyl)ether	7.43	93	157313	39.666	ng	100
12) 1,3-Dichlorobenzene	7.90	146	210287	37.375	ng	98
13) 1,4-Dichlorobenzene	8.04	146	218383	38.536	ng	99
14) 1,2-Dichlorobenzene	8.37	146	206627	38.207	ng	97
15) Benzyl Alcohol	8.25	79	156324	46.024	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.54	45	208414	38.109	ng	99
17) 2-Methylphenol	8.46	107	169258	45.590	ng	100
18) Hexachloroethane	9.10	117	69665	35.769	ng	96
19) n-Nitroso-di-n-propylamine	8.82	70	128752	40.531	ng	99
20) 3+4-Methylphenols	8.79	107	235015	45.755	ng	98
22) Acetophenone	8.84	105	278865	43.545	ng	99
24) Nitrobenzene	9.22	77	191447	43.845	ng	99
25) Isophorone	9.75	82	363505	42.421	ng	98
26) 2-Nitrophenol	9.93	139	106470	39.224	ng	99
27) 2,4-Dimethylphenol	10.00	122	205986	54.700	ng	98
28) bis(2-Chloroethoxy)methane	10.23	93	230844	41.823	ng	100
29) 2,4-Dichlorophenol	10.48	162	253384	50.606	ng	99
30) 1,2,4-Trichlorobenzene	10.69	180	255989	41.826	ng	95
31) Naphthalene	10.88	128	604046	43.248	ng	98
32) Benzoic acid	10.09	122	1367m	8.199	ng	
33) 4-Chloroaniline	10.99	127	151912	23.851	ng	99
34) Hexachlorobutadiene	11.17	225	161446	39.362	ng	100
35) Caprolactam	11.77	113	79124m	49.582	ng	
36) 4-Chloro-3-methylphenol	12.13	107	235986	50.424	ng	97
37) 2-Methylnaphthalene	12.49	142	499034	44.572	ng	98
38) 1-Methylnaphthalene	12.71	142	474192	44.463	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	331020	42.526	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082119\
 Data File : BG042387.D
 Acq On : 21 Aug 2019 17:24
 Operator : HP/JU
 Sample : K4365-05MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0604-COMP-BH-6MSD

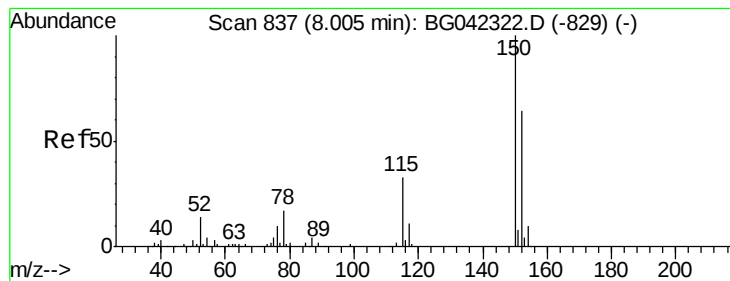
Manual Integrations
 APPROVED

Jagrut
 8/22/2019 1:58:55 PM

Quant Time: Aug 21 19:03:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 13:40:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	140946	35.244	nq	97
43) 2,4,6-Trichlorophenol	13.10	196	235803	45.261	nq	97
44) 2,4,5-Trichlorophenol	13.18	196	244826	45.626	nq	98
46) 1,1'-Biphenyl	13.50	154	660050	41.894	nq	97
47) 2-Chloronaphthalene	13.54	162	548803	40.859	nq	99
48) 2-Nitroaniline	13.75	65	142640	44.934	nq	98
49) Acenaphthylene	14.39	152	865940	42.886	nq	99
50) Dimethylphthalate	14.12	163	931231	54.269	nq	99
51) 2,6-Dinitrotoluene	14.24	165	174225	43.382	nq	97
52) Acenaphthene	14.73	154	511399	41.518	nq	99
53) 3-Nitroaniline	14.57	138	140701	35.630	nq	99
54) 2,4-Dinitrophenol	14.79	184	3891	7.889	nq	# 86
55) Dibenzofuran	15.07	168	874845	43.604	nq	98
56) 4-Nitrophenol	14.90	139	245677	86.238	nq	98
57) 2,4-Dinitrotoluene	15.03	165	249072	44.358	nq	99
58) Fluorene	15.72	166	709592	43.476	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	227381	43.631	nq	98
60) Diethylphthalate	15.49	149	711750	42.873	nq	99
61) 4-Chlorophenyl-phenylether	15.71	204	421015	42.956	nq	98
62) 4-Nitroaniline	15.74	138	194799	46.681	nq	95
63) Azobenzene	16.00	77	508065	43.915	nq	96
65) 4,6-Dinitro-2-methylphenol	15.80	198	14049	4.175	nq	99
66) n-Nitrosodiphenylamine	15.93	169	681689	44.178	nq	99
67) 4-Bromophenyl-phenylether	16.60	248	303183	43.203	nq	98
68) Hexachlorobenzene	16.73	284	317680	42.260	nq	97
69) Atrazine	16.87	200	268616	50.786	nq	98
70) Pentachlorophenol	17.08	266	269699	67.399	nq	98
71) Phenanthrene	17.47	178	1175791	42.811	nq	99
72) Anthracene	17.55	178	1199420	43.788	nq	98
73) Carbazole	17.82	167	1055927	43.397	nq	99
74) Di-n-butylphthalate	18.38	149	1198370	42.222	nq	99
75) Fluoranthene	19.48	202	1297329	39.172	nq	97
77) Benzidine	19.65	184	411775	37.615	nq	99
78) Pyrene	19.83	202	1278171	50.311	nq	98
80) Butylbenzylphthalate	20.72	149	432725	42.976	nq	99
81) Benzo(a)anthracene	21.68	228	1076750	42.466	nq	98
82) 3,3'-Dichlorobenzidine	21.59	252	285864	28.325	nq	98
83) Chrysene	21.74	228	1037437	42.771	nq	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	567525	40.424	nq	99
85) Di-n-octyl phthalate	22.80	149	988614	41.283	nq	100
86) Indeno(1,2,3-cd)pyrene	28.67	276	1380813	42.636	nq	99
88) Benzo(b)fluoranthene	23.92	252	1148112	42.718	nq	99
89) Benzo(k)fluoranthene	23.98	252	1135476	43.219	nq	99
90) Benzo(a)pyrene	24.79	252	1140397	44.281	nq	99
91) Dibenzo(a,h)anthracene	28.72	278	1145073	44.568	nq	99
92) Benzo(g,h,i)perylene	29.82	276	1148737	44.868	nq	98

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



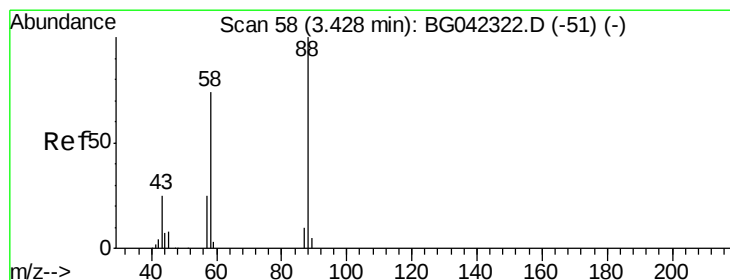
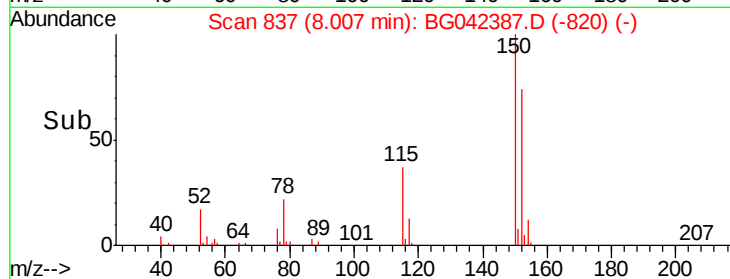
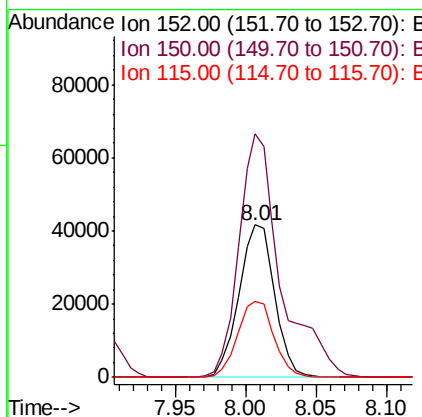
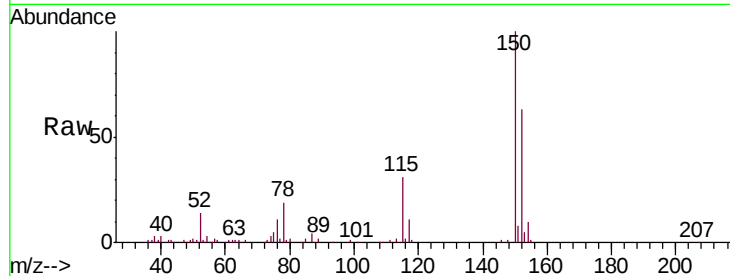
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.01 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BG042387.D
 Acq: 21 Aug 2019 17:24

Instrument :
 BNA_G
 ClientSampleId :
 0604-COMP-BH-6MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.3	186.5
115	50.3	40.5	60.7

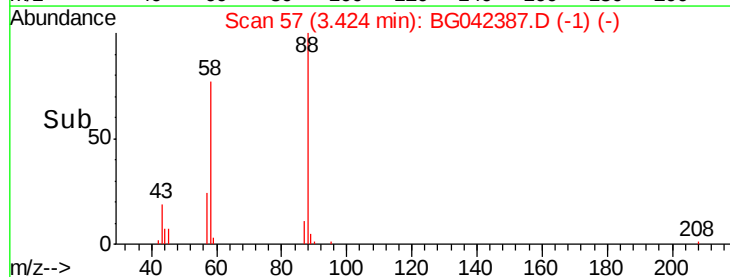
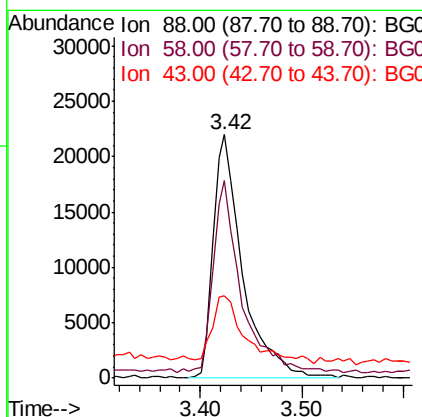
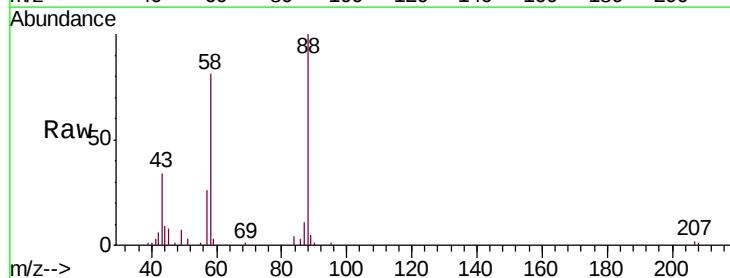
Manual Integrations
 APPROVED

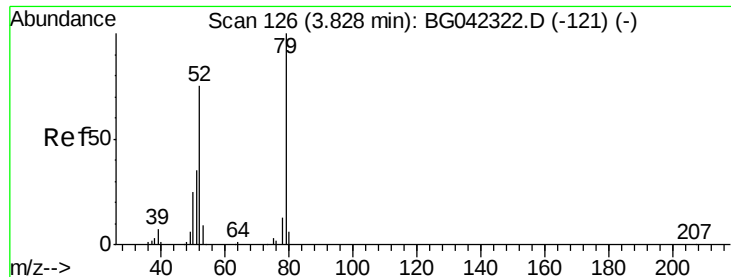
Jagrut
 8/22/2019 1:58:55 PM



#2
 1,4-Dioxane
 Concen: 28.196 ng
 RT: 3.42 min Scan# 57
 Delta R.T. -0.00 min
 Lab File: BG042387.D
 Acq: 21 Aug 2019 17:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.9	58.6	88.0
43	30.9	19.4	29.0





#3

Pvridine

Concen: 33.636 ng

RT: 3.83 min Scan# 126

Delta R.T. 0.00 min

Lab File: BG042387.D

Acq: 21 Aug 2019 17:24

Instrument :

BNA_G

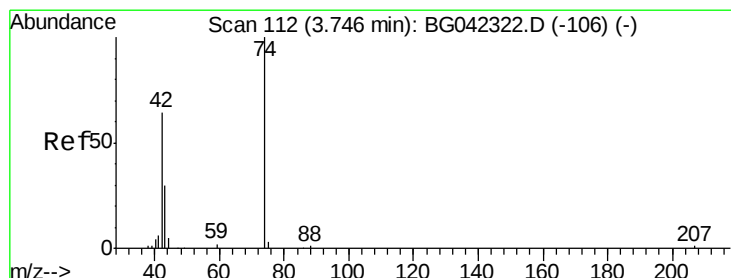
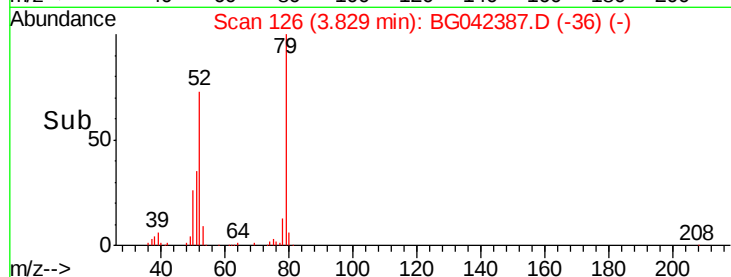
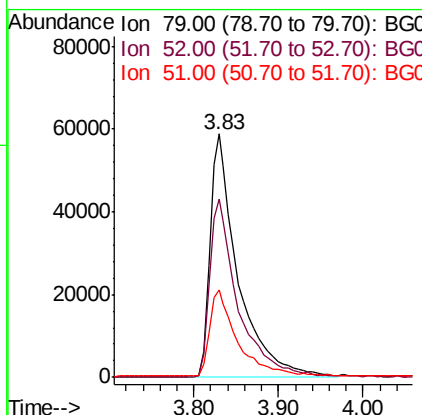
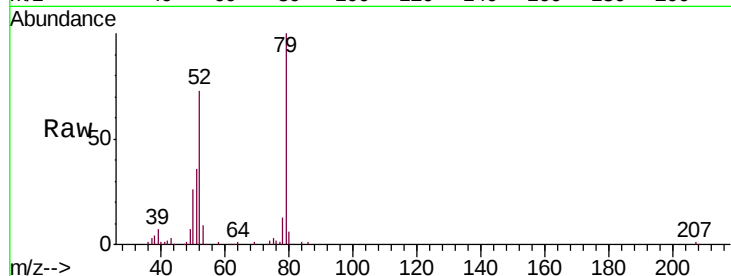
ClientSampleId :

0604-COMP-BH-6MSD

Tot Ion:	79	Resp:	135115
Ion Ratio	Lower	Upper	
79	100		
52	73.4	60.0	90.0
51	35.8	28.6	42.8

Manual Integrations
APPROVED

Jagrut
8/22/2019 1:58:55 PM



#4

n-Nitrosodimethylamine

Concen: 40.075 ng

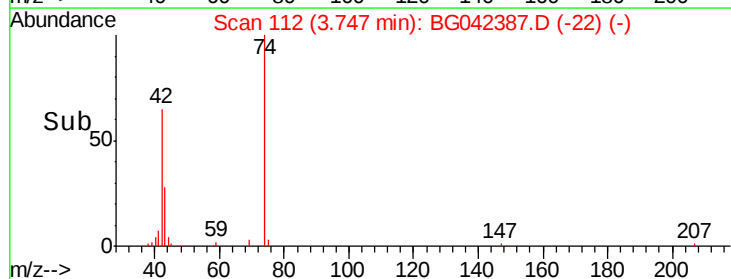
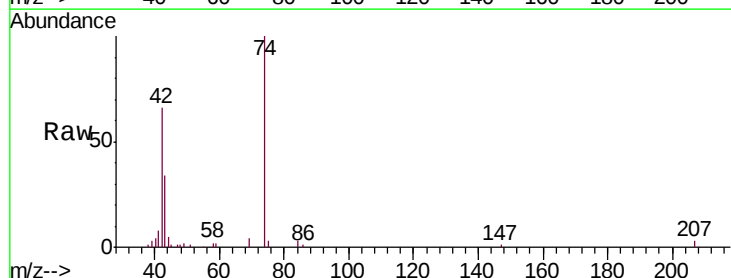
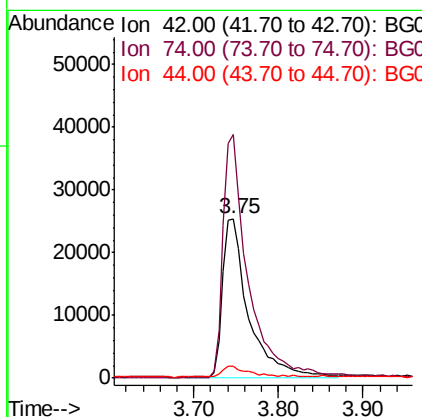
RT: 3.75 min Scan# 112

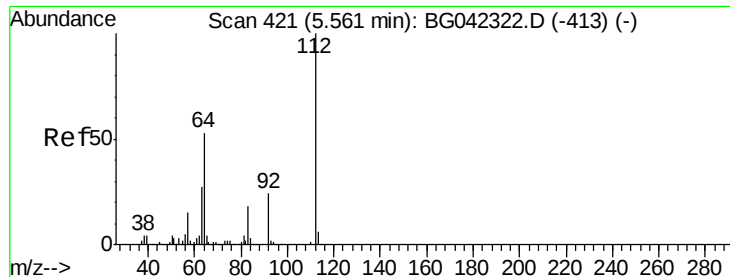
Delta R.T. 0.00 min

Lab File: BG042387.D

Acq: 21 Aug 2019 17:24

Tgt Ion:	42	Resp:	55423
Ion Ratio	Lower	Upper	
42	100		
74	152.5	124.2	186.2
44	7.2	6.5	9.7





#5

2-Fluorophenol

Concen: 130.176 ng

RT: 5.57 min Scan# 422

Delta R.T. 0.01 min

Lab File: BG042387.D

Acq: 21 Aug 2019 17:24

Instrument :

BNA_G

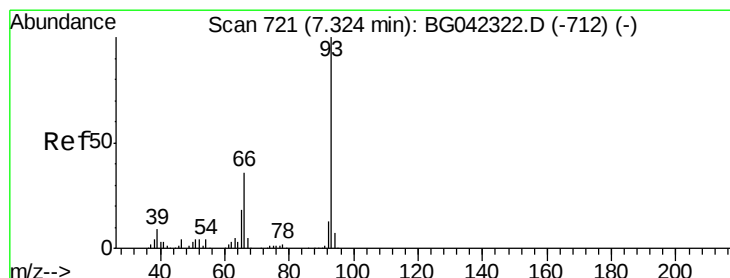
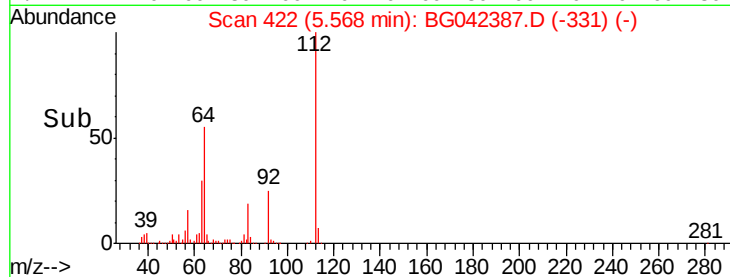
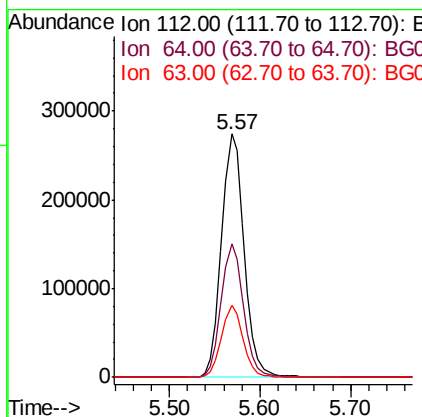
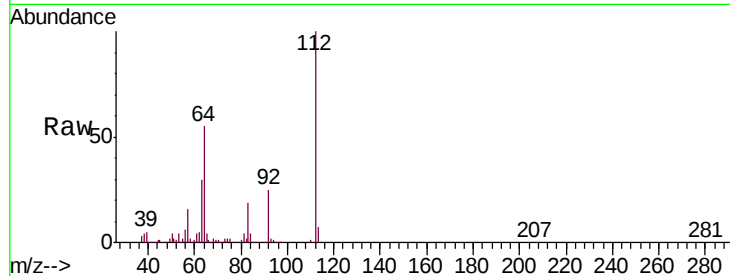
ClientSampleId :

0604-COMP-BH-6MSD

Tot Ion:	112	Resp:	473379
Ion Ratio	Lower	Upper	
112	100		
64	55.0	42.5	63.7
63	29.7	21.7	32.5

Manual Integrations
APPROVED

Jagrut
8/22/2019 1:58:55 PM



#6

Aniline

Concen: 24.526 ng

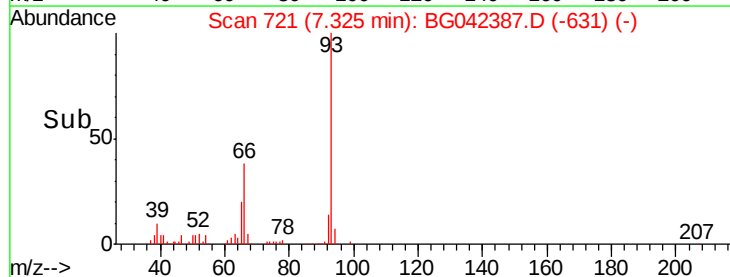
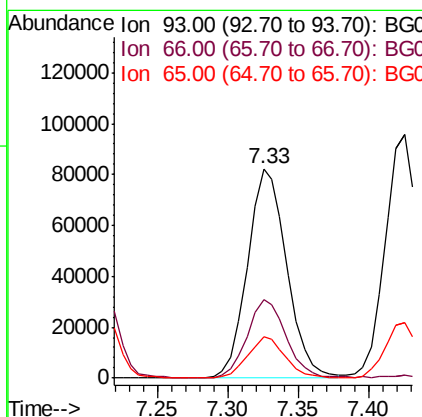
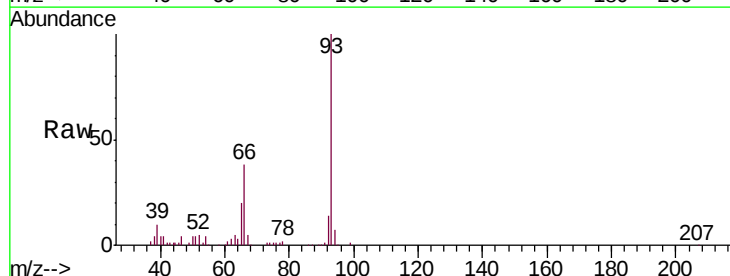
RT: 7.33 min Scan# 721

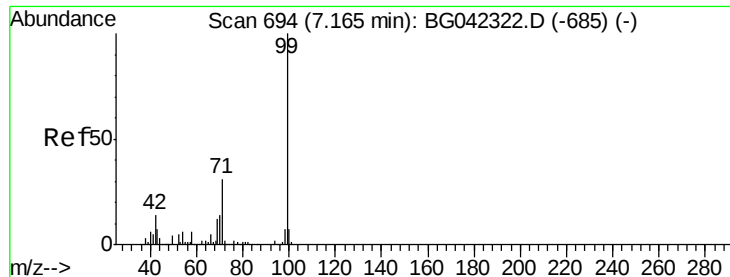
Delta R.T. 0.00 min

Lab File: BG042387.D

Acq: 21 Aug 2019 17:24

Tgt Ion:	93	Resp:	159861
Ion Ratio	Lower	Upper	
93	100		
66	37.7	29.1	43.7
65	19.6	14.7	22.1





#7

Phenol-d6

Concen: 133.337 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG042387.D

Acq: 21 Aug 2019 17:24

Instrument :

BNA_G

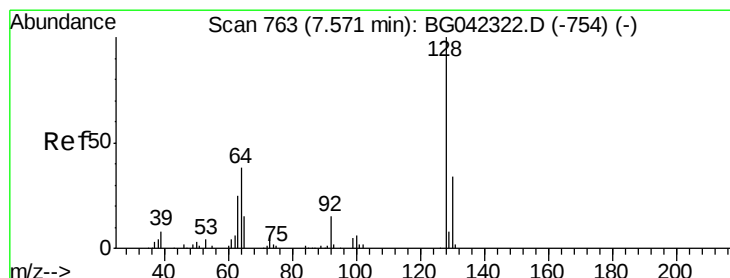
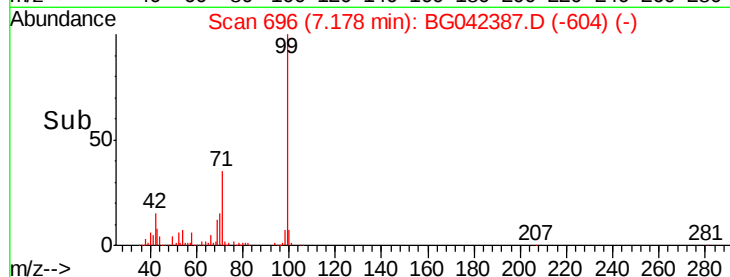
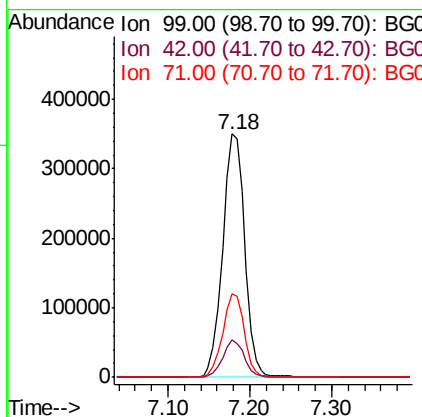
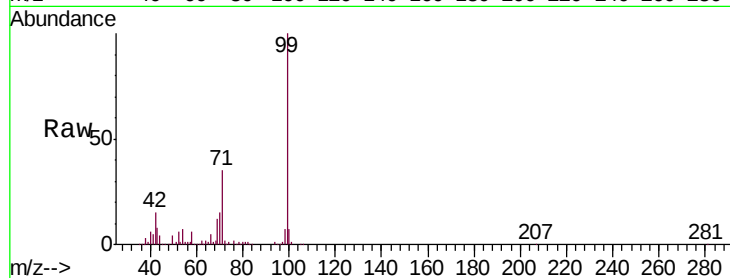
ClientSampleId :

0604-COMP-BH-6MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		658516		
42	15.4	11.4	17.0		
71	34.6	25.1	37.7		

Manual Integrations
APPROVED

Jagrut
8/22/2019 1:58:55 PM



#8

2-Chlorophenol

Concen: 45.827 ng

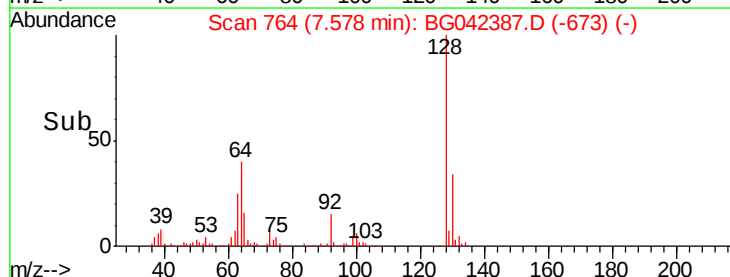
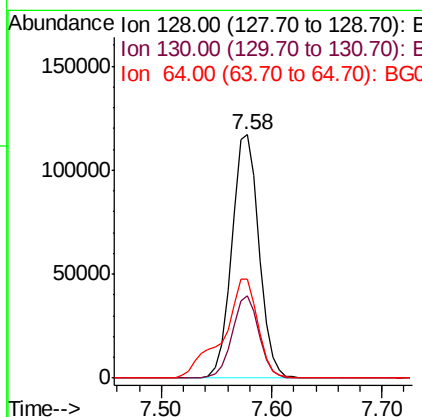
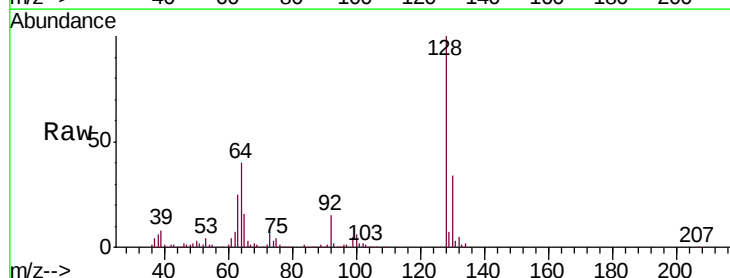
RT: 7.58 min Scan# 764

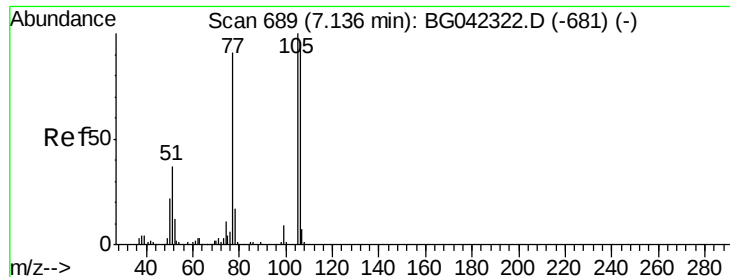
Delta R.T. 0.01 min

Lab File: BG042387.D

Acq: 21 Aug 2019 17:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		202592		
130	34.0	13.5	53.5		
64	40.5	19.8	59.8		





#9

Benzaldehyde

Concen: 26.099 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG042387.D

Acq: 21 Aug 2019 17:24

Instrument :

BNA_G

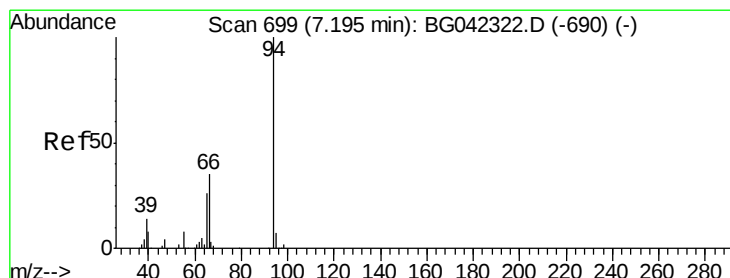
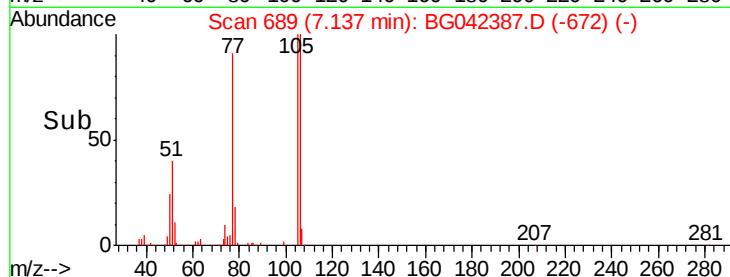
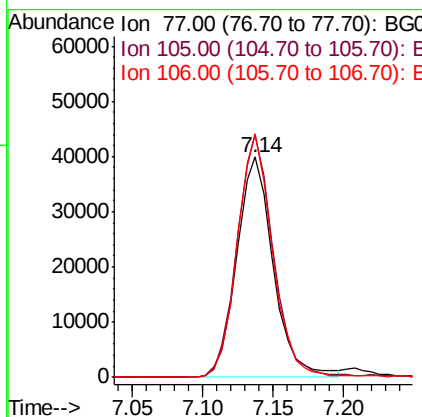
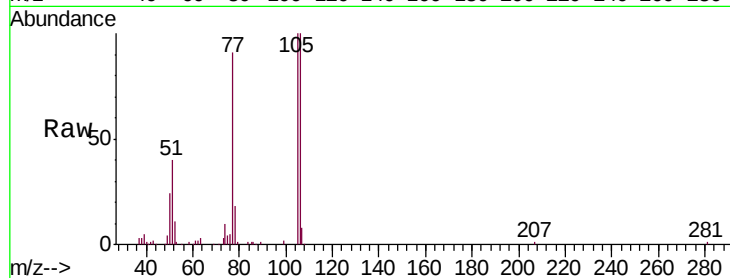
ClientSampleId :

0604-COMP-BH-6MSD

Tot Ion:	77	Resp:	72505
Ion	Ratio	Lower	Upper
77	100		
105	109.9	89.8	129.8
106	110.4	85.1	125.1

Manual Integrations
APPROVED

Jagrut
8/22/2019 1:58:55 PM



#10

Phenol

Concen: 46.993 ng

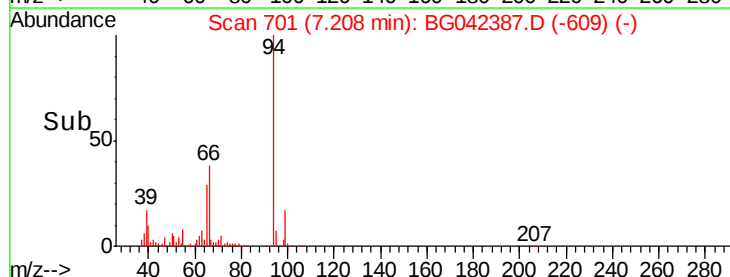
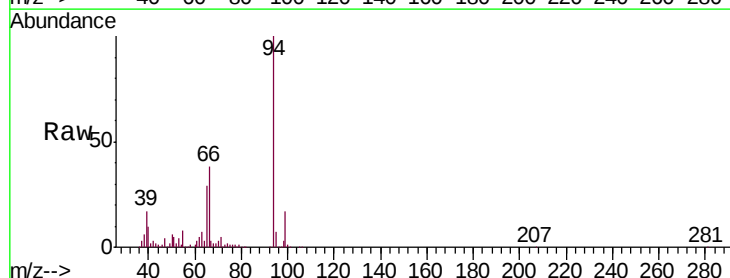
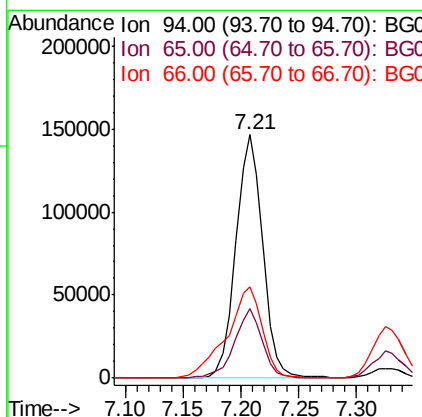
RT: 7.21 min Scan# 701

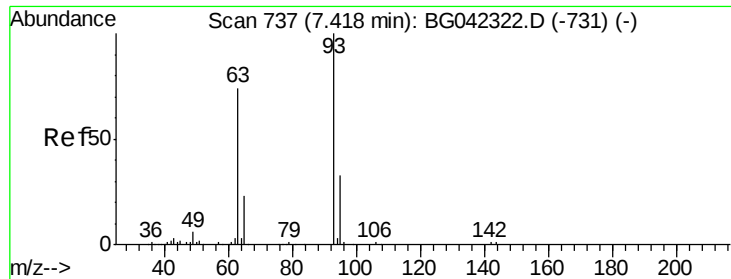
Delta R.T. 0.01 min

Lab File: BG042387.D

Acq: 21 Aug 2019 17:24

Tgt Ion:	94	Resp:	235956
Ion	Ratio	Lower	Upper
94	100		
65	28.5	6.1	46.1
66	37.7	15.7	55.7





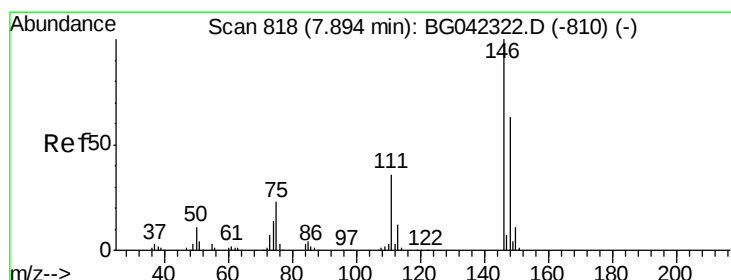
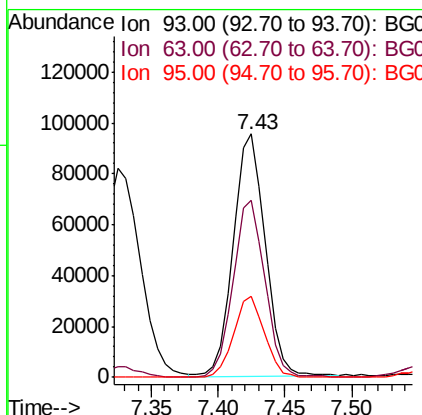
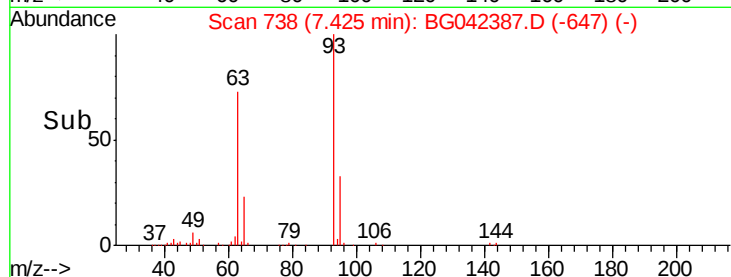
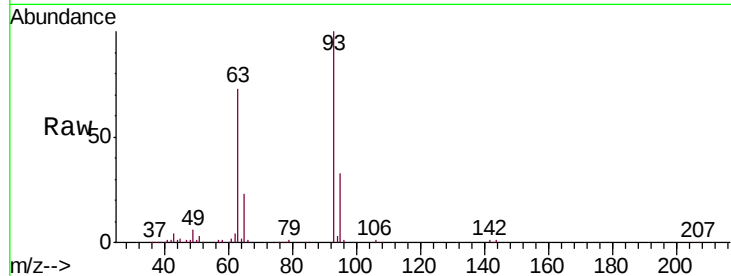
#11
bis(2-Chloroethyl)ether
Concen: 39.666 ng
RT: 7.43 min Scan# 738
Delta R.T. 0.01 min
Lab File: BG042387.D
Acq: 21 Aug 2019 17:24

Instrument :
BNA_G
ClientSampleId :
0604-COMP-BH-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	157313		
63	72.7	53.0	93.0	
95	33.4	13.0	53.0	

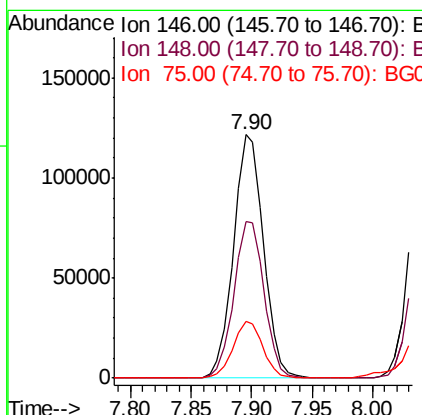
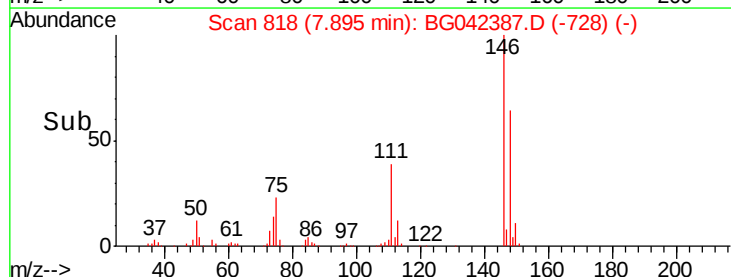
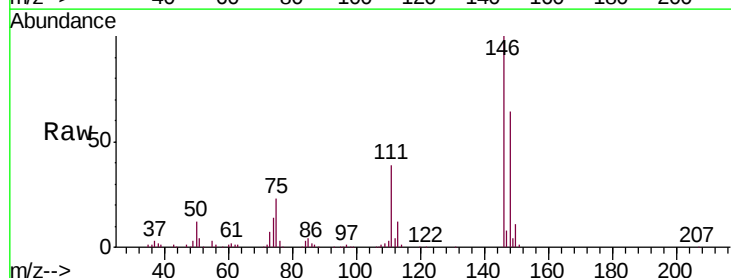
Manual Integrations
APPROVED

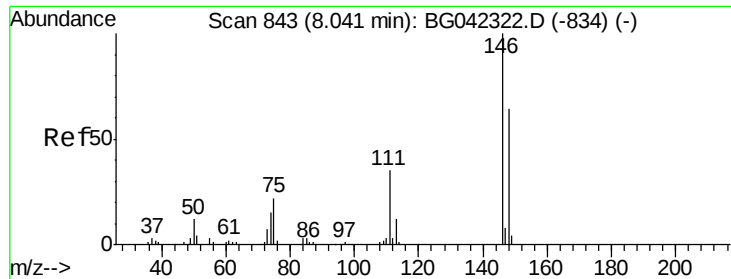
Jagrut
8/22/2019 1:58:55 PM



#12
1,3-Dichlorobenzene
Concen: 37.375 ng
RT: 7.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BG042387.D
Acq: 21 Aug 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	210287		
148	64.1	50.2	75.2	
75	23.3	18.2	27.4	





#13

1,4-Dichlorobenzene

Concen: 38.536 ng

RT: 8.04 min Scan# 843

Delta R.T. 0.00 min

Lab File: BG042387.D

Acq: 21 Aug 2019 17:24

Instrument :

BNA_G

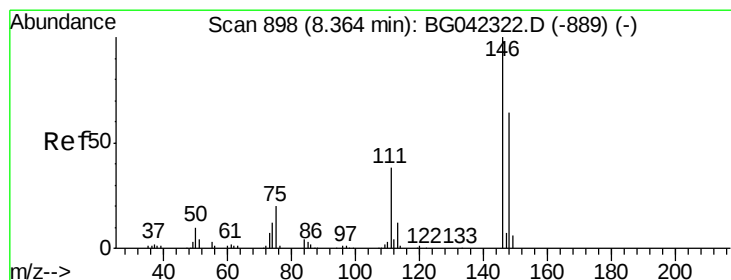
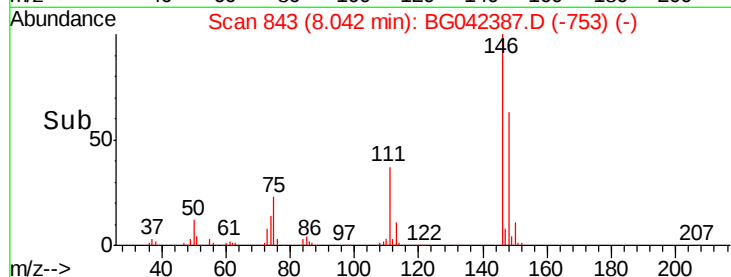
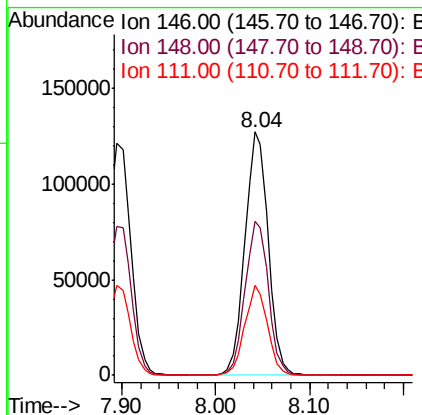
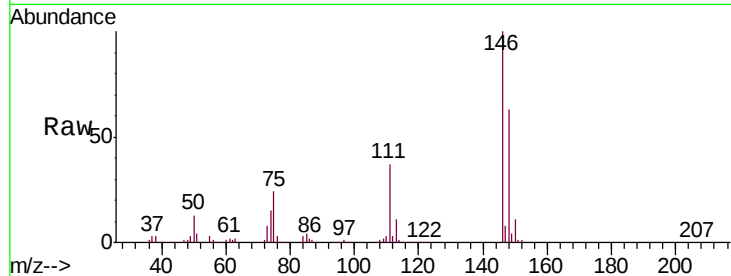
ClientSampleId :

0604-COMP-BH-6MSD

Tot Ion:	146	Resp:	218383
Ion Ratio	Lower	Upper	
146	100		
148	63.5	50.9	76.3
111	36.7	28.3	42.5

Manual Integrations
APPROVED

Jagrut
8/22/2019 1:58:55 PM



#14

1,2-Dichlorobenzene

Concen: 38.207 ng

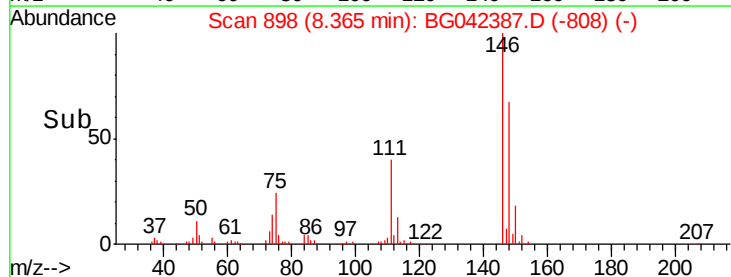
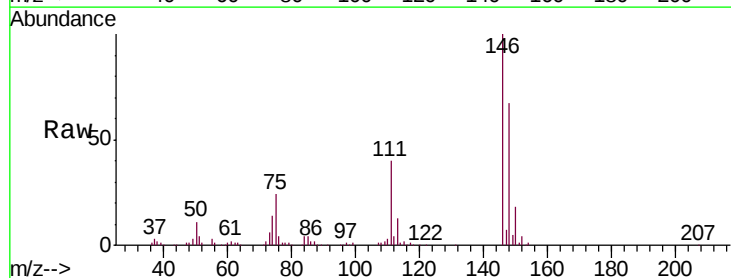
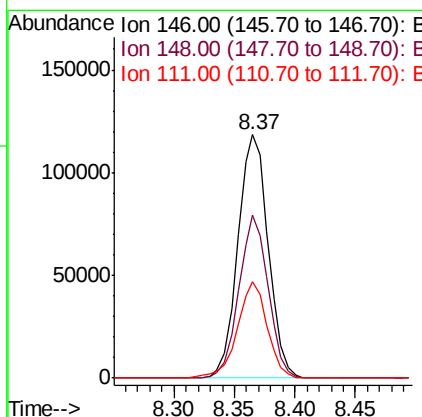
RT: 8.37 min Scan# 898

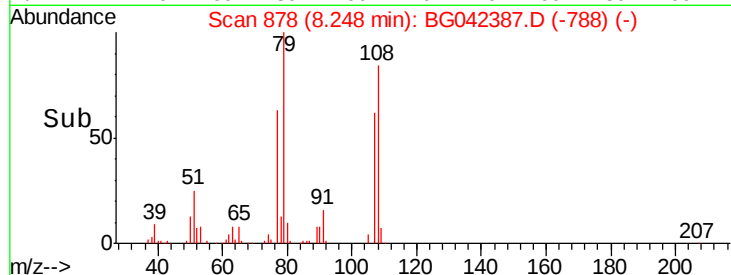
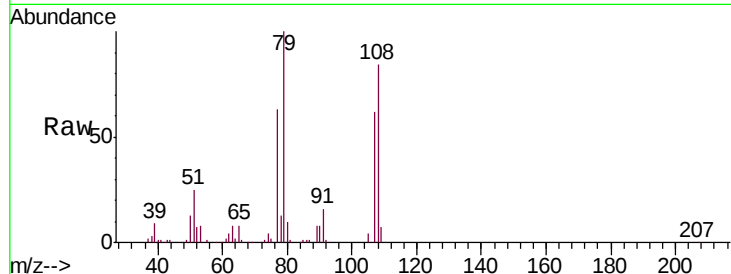
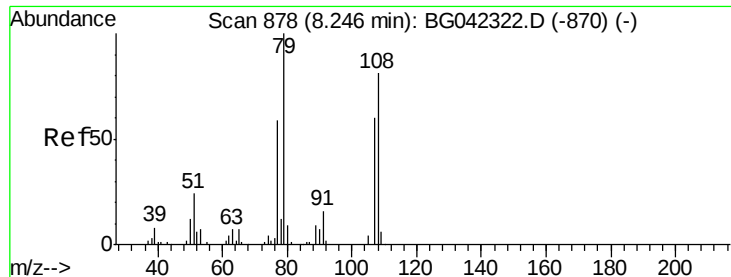
Delta R.T. 0.00 min

Lab File: BG042387.D

Acq: 21 Aug 2019 17:24

Tgt Ion:	146	Resp:	206627
Ion Ratio	Lower	Upper	
146	100		
148	66.7	51.0	76.4
111	39.7	30.6	46.0





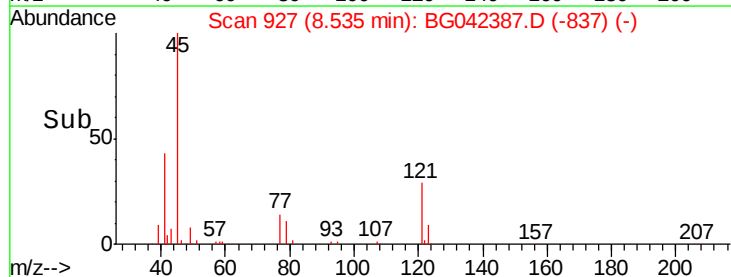
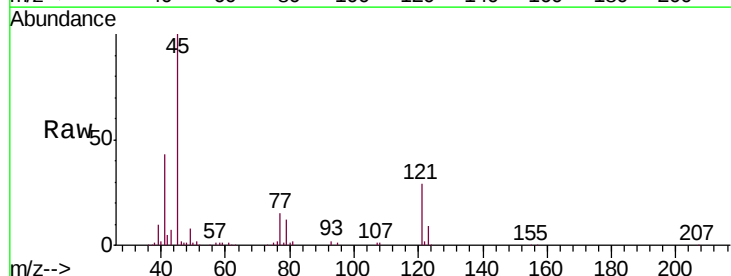
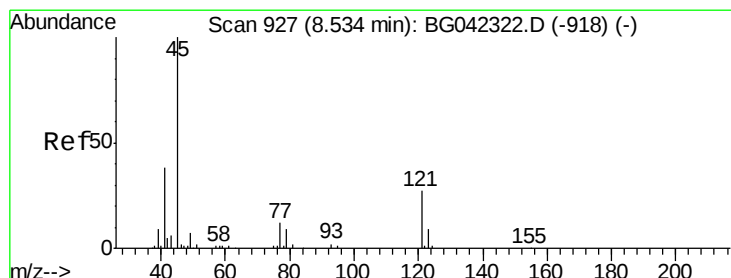
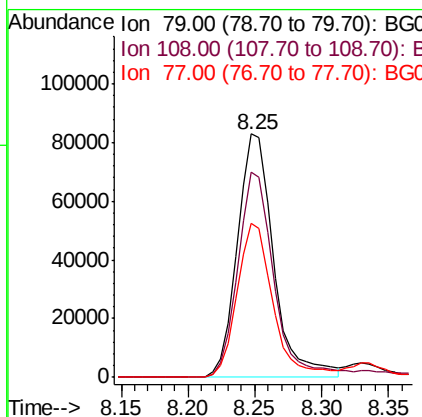
#15
Benzyl Alcohol
Concen: 46.024 ng
RT: 8.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BG042387.D
Acq: 21 Aug 2019 17:24

Tot Ion	Ratio	Lower	Upper
79	100		
108	84.2	64.8	97.2
77	63.3	47.6	71.4

Instrument :
BNA_G
ClientSampleId :
0604-COMP-BH-6MSD

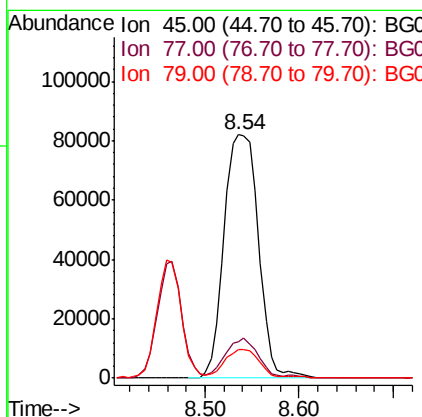
Manual Integrations
APPROVED

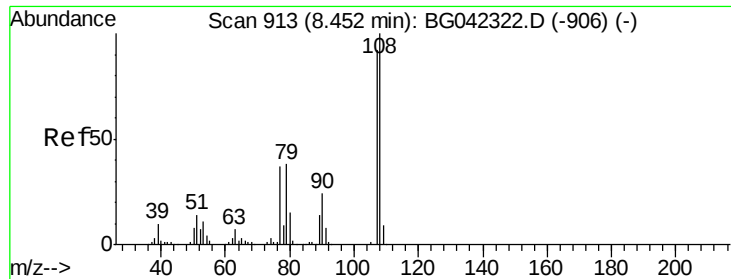
Jagrut
8/22/2019 1:58:55 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.109 ng
RT: 8.54 min Scan# 927
Delta R.T. 0.00 min
Lab File: BG042387.D
Acq: 21 Aug 2019 17:24

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.9	0.0	34.6
79	11.9	0.0	31.4





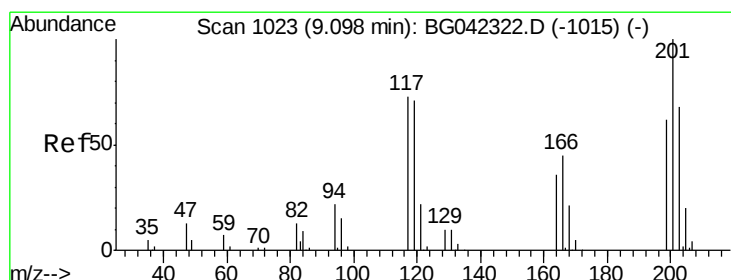
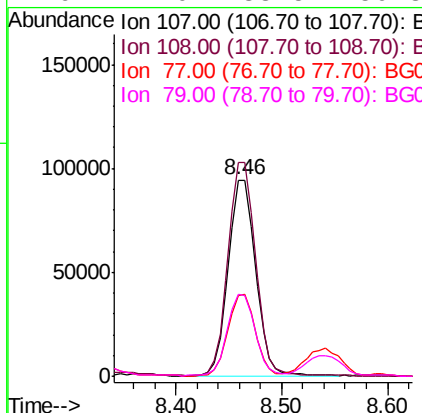
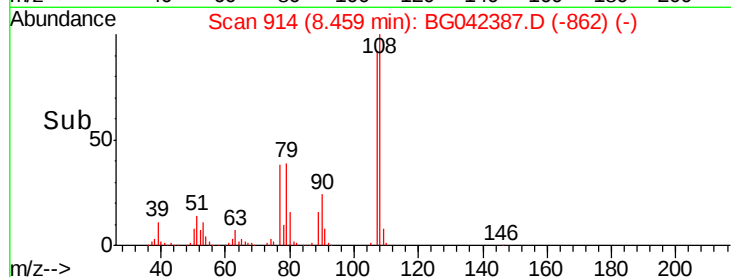
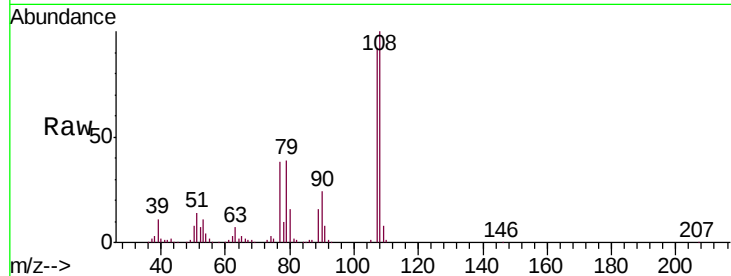
#17
2-Methylphenol
Concen: 45.590 ng
RT: 8.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BG042387.D
Acq: 21 Aug 2019 17:24

Instrument :
BNA_G
ClientSampleId :
0604-COMP-BH-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.0	87.0	130.6	
77	41.1	32.3	48.5	
79	42.0	33.5	50.3	

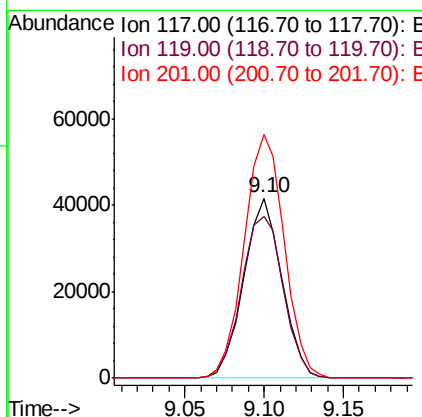
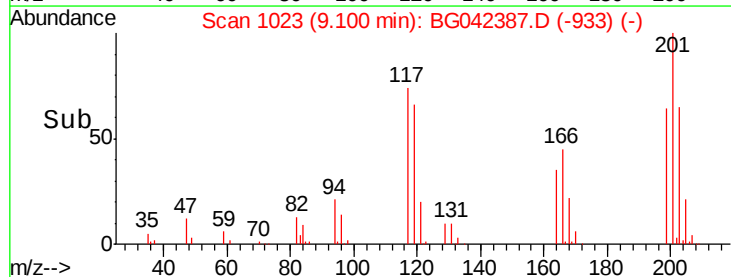
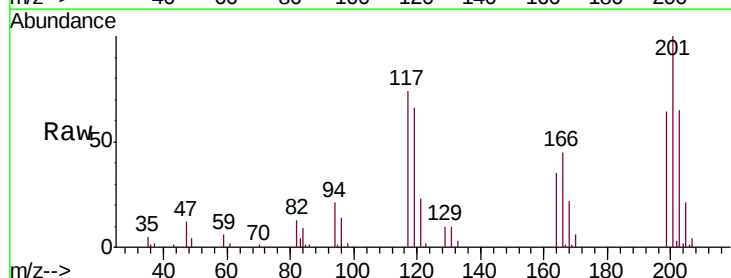
Manual Integrations
APPROVED

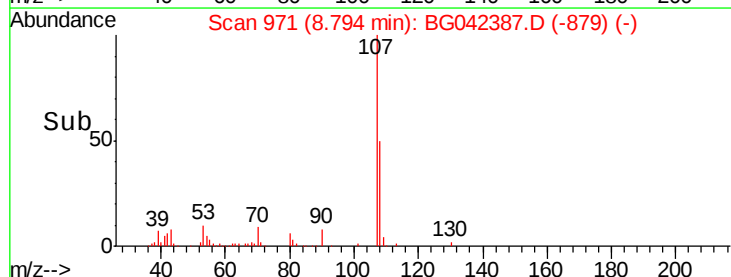
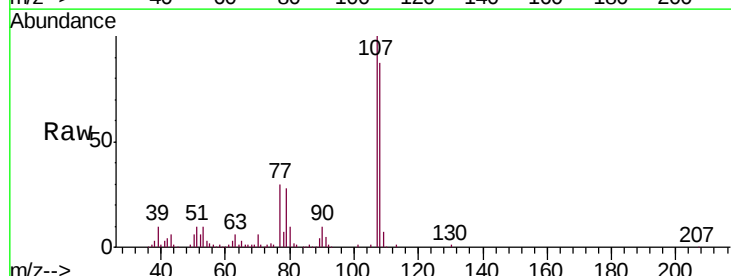
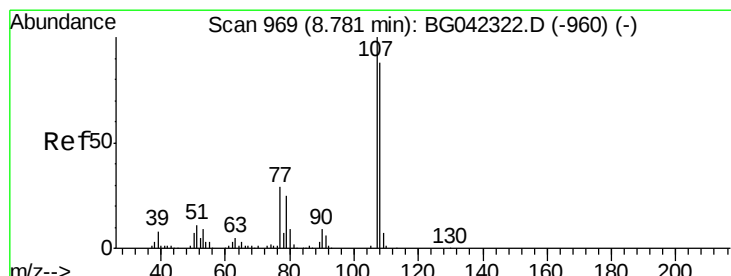
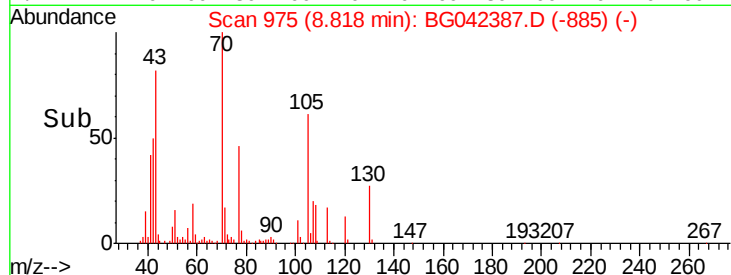
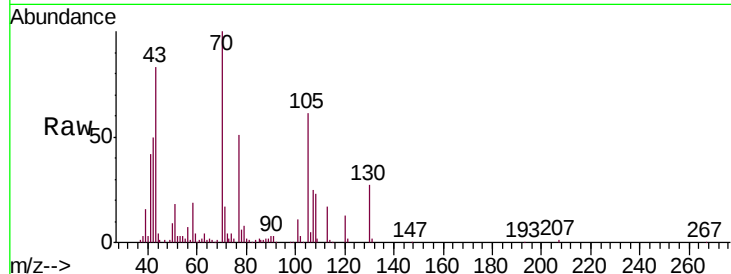
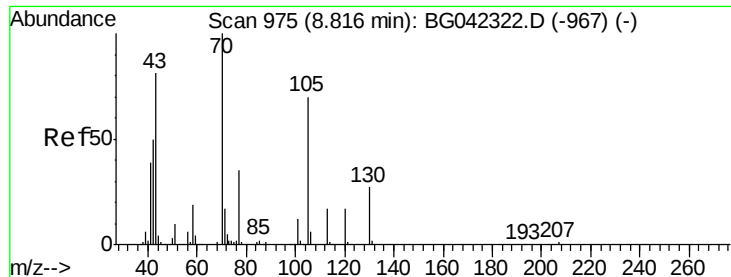
Jagrut
8/22/2019 1:58:55 PM



#18
Hexachloroethane
Concen: 35.769 ng
RT: 9.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BG042387.D
Acq: 21 Aug 2019 17:24

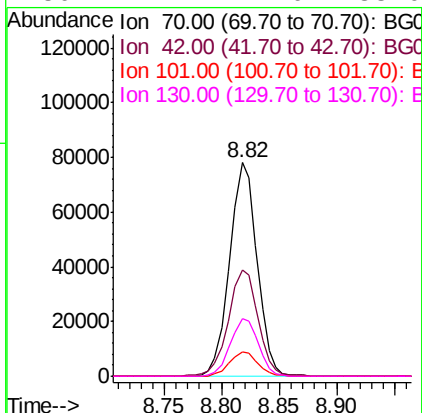
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	89.6	77.6	116.4	
201	135.2	109.4	164.2	





#19
n-Nitroso-di-n-propylamine
Concen: 40.531 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BG042387.D
Acq: 21 Aug 2019 17:24

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	49.5	40.5	60.7		
101	11.4	9.3	13.9		
130	27.1	22.0	33.0		



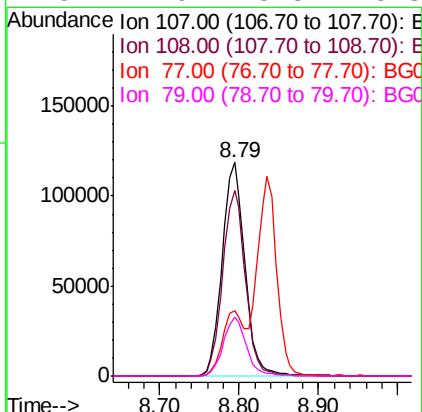
Instrument :
BNA_G
ClientSampleId :
0604-COMP-BH-6MSD

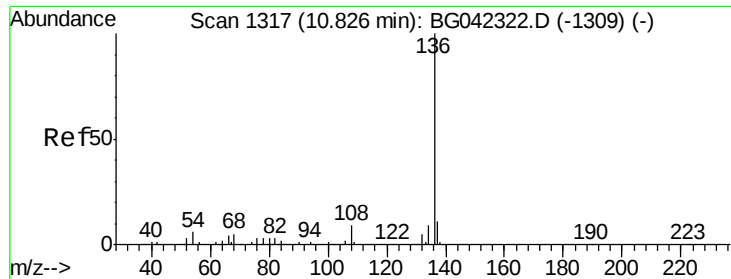
Manual Integrations
APPROVED

Jagrut
8/22/2019 1:58:55 PM

#20
3+4-Methylphenols
Concen: 45.755 ng
RT: 8.79 min Scan# 971
Delta R.T. 0.01 min
Lab File: BG042387.D
Acq: 21 Aug 2019 17:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	87.2	67.8	107.8		
77	30.5	9.1	49.1		
79	27.6	5.3	45.3		





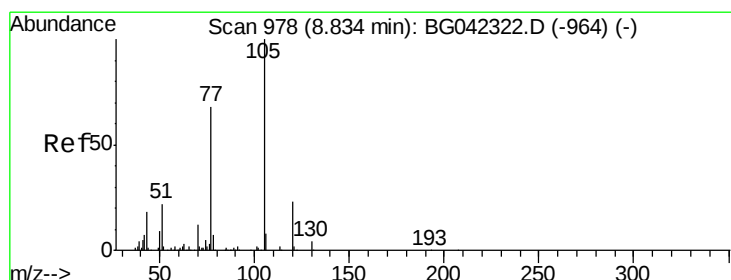
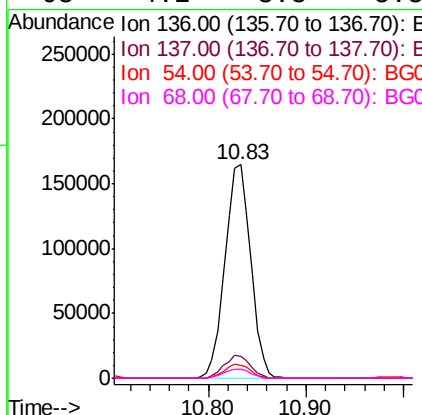
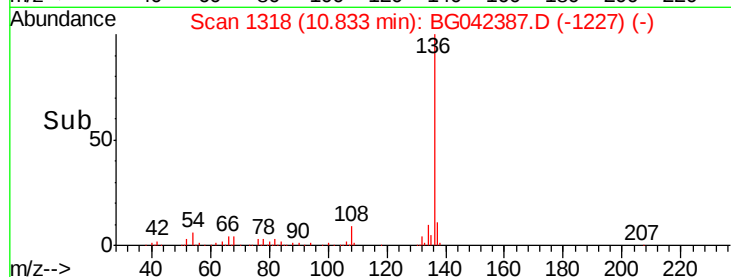
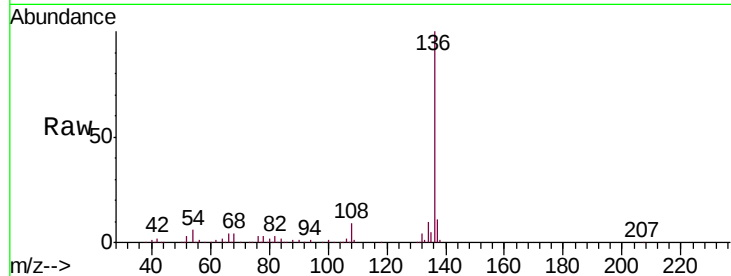
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BG042387.D
Acq: 21 Aug 2019 17:24

Instrument :
BNA_G
ClientSampleId :
0604-COMP-BH-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	301395		
137	10.5		8.4	12.6
54	6.2		5.0	7.4
68	4.2		3.8	5.8

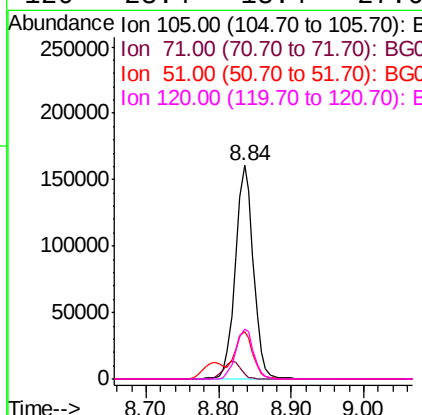
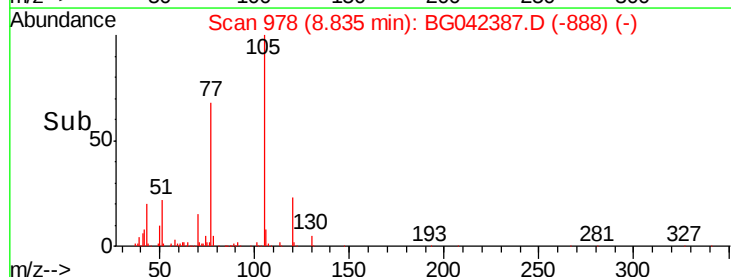
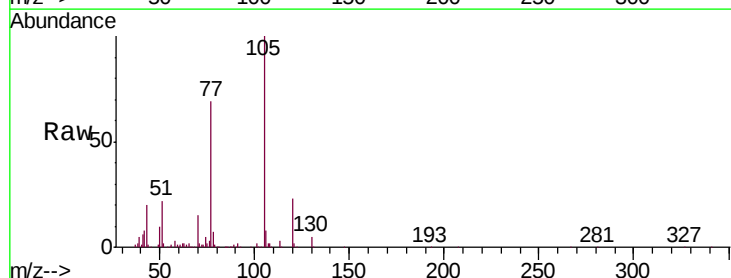
Manual Integrations
APPROVED

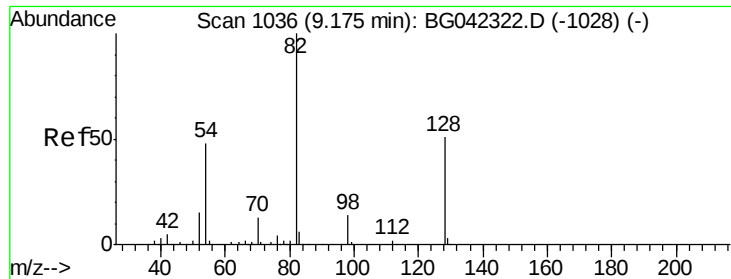
Jagrut
8/22/2019 1:58:55 PM



#22
Acetophenone
Concen: 43.545 ng
RT: 8.84 min Scan# 978
Delta R.T. 0.00 min
Lab File: BG042387.D
Acq: 21 Aug 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	278865		
71	2.5		1.8	2.8
51	22.4		17.5	26.3
120	23.4		18.4	27.6





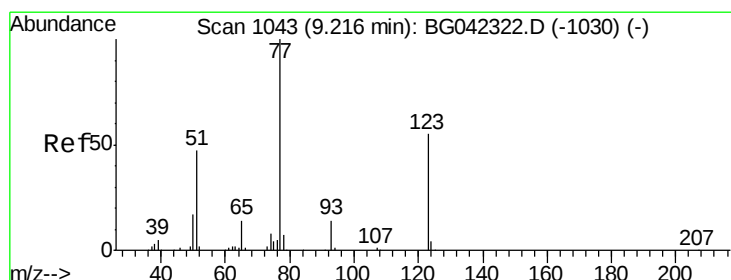
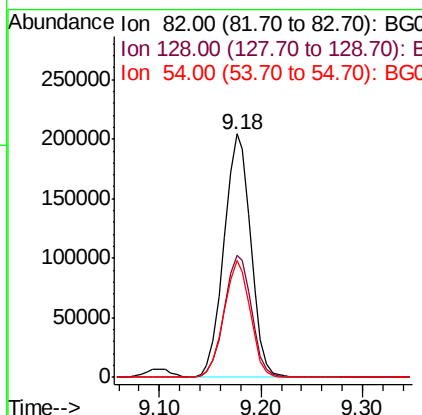
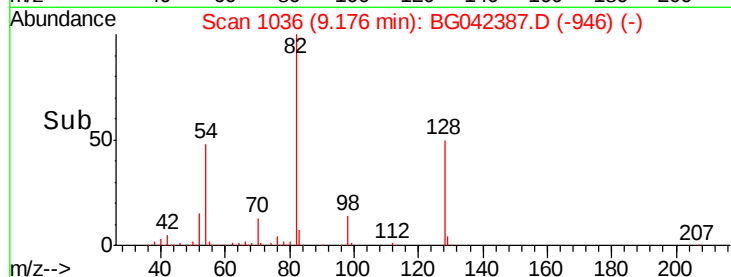
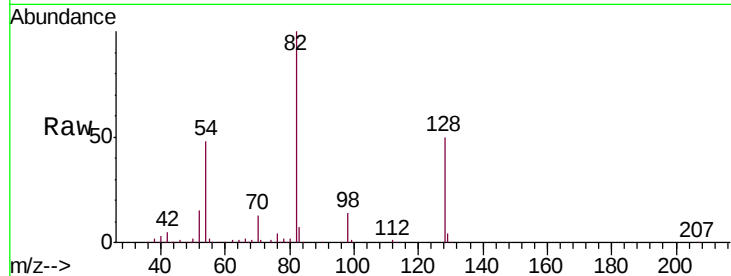
#23
 Nitrobenzene-d5
 Concen: 87.110 ng
 RT: 9.18 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BG042387.D
 Acq: 21 Aug 2019 17:24

Instrument :
 BNA_G
 ClientSampleId :
 0604-COMP-BH-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	373290		
128	50.2		41.0	61.4
54	47.9		38.0	57.0

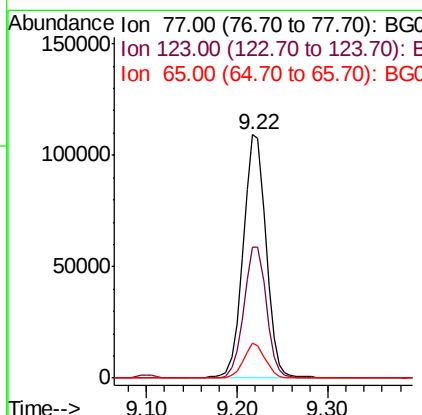
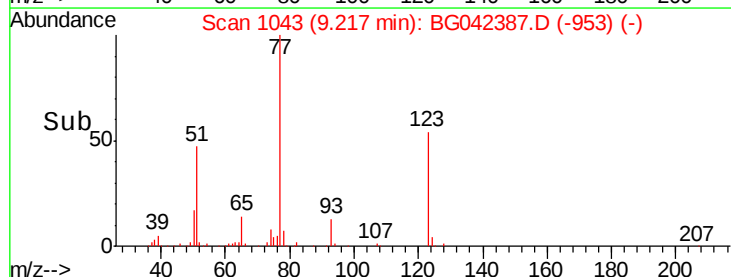
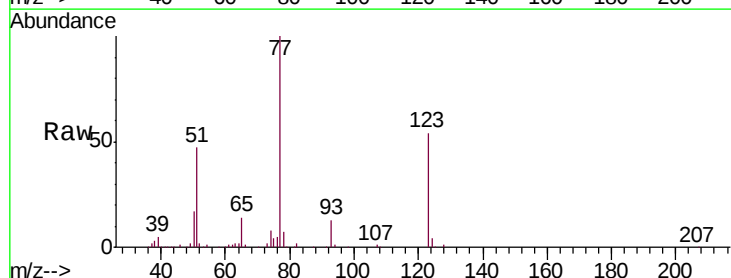
Manual Integrations
 APPROVED

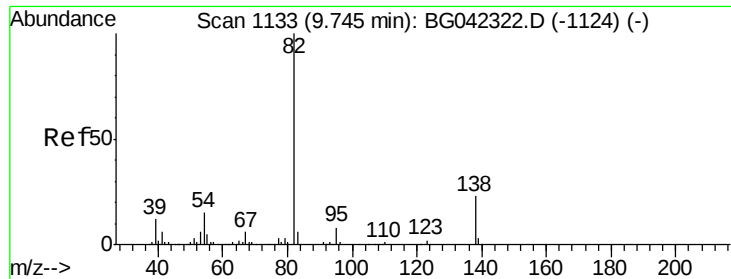
Jagrut
 8/22/2019 1:58:55 PM



#24
 Nitrobenzene
 Concen: 43.845 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BG042387.D
 Acq: 21 Aug 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	191447		
123	54.0		43.7	65.5
65	14.1		10.9	16.3





#25

Isophorone

Concen: 42.421 ng

RT: 9.75 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BG042387.D

Acq: 21 Aug 2019 17:24

Instrument :

BNA_G

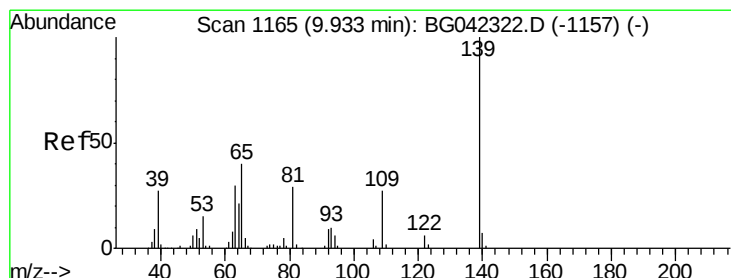
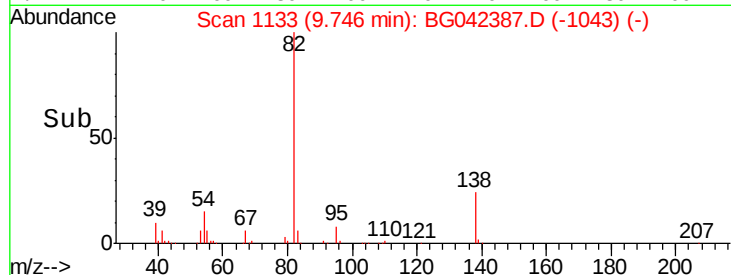
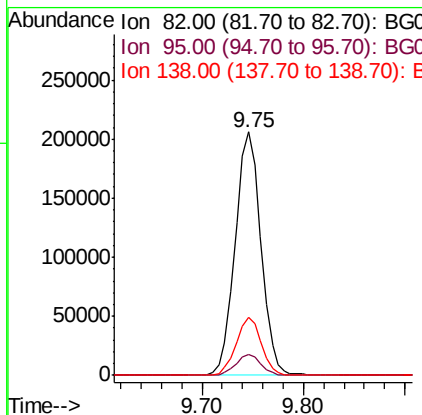
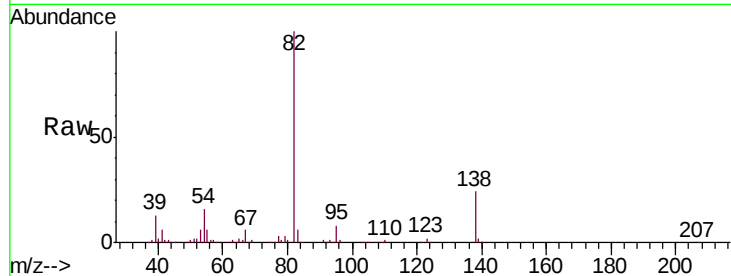
ClientSampleId :

0604-COMP-BH-6MSD

Tot Ion:	82	Resp:	363505
Ion Ratio	Lower	Upper	
82	100		
95	8.3	6.1	9.1
138	23.7	18.2	27.2

Manual Integrations
APPROVED

Jagrut
8/22/2019 1:58:55 PM



#26

2-Nitrophenol

Concen: 39.224 ng

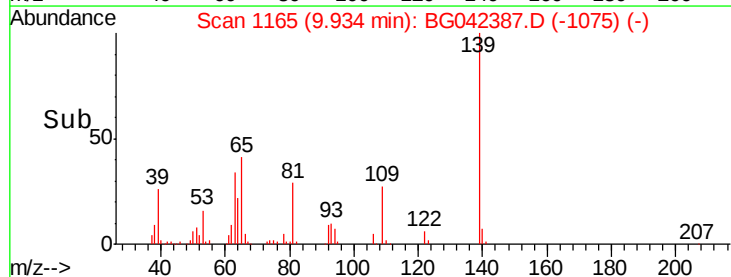
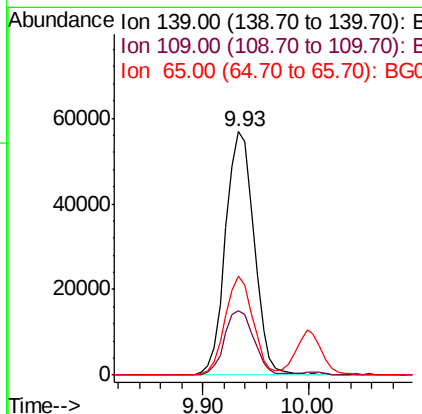
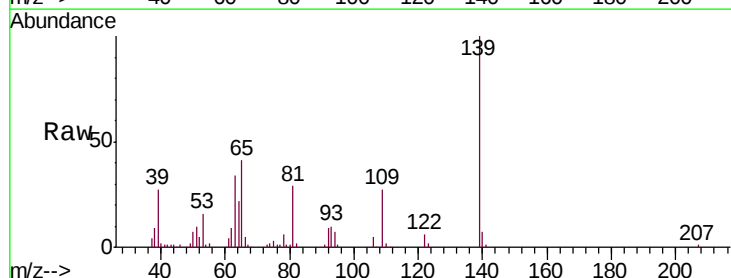
RT: 9.93 min Scan# 1165

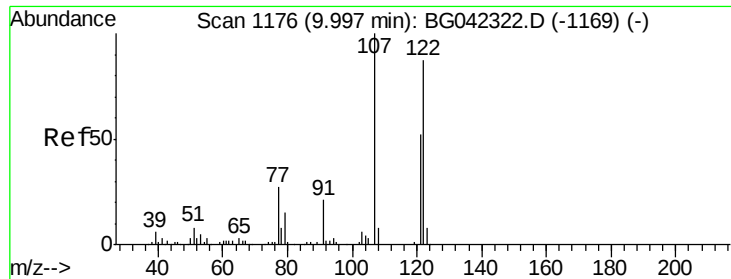
Delta R.T. 0.00 min

Lab File: BG042387.D

Acq: 21 Aug 2019 17:24

Tgt Ion:	139	Resp:	106470
Ion Ratio	Lower	Upper	
139	100		
109	26.7	21.4	32.2
65	40.6	31.8	47.6





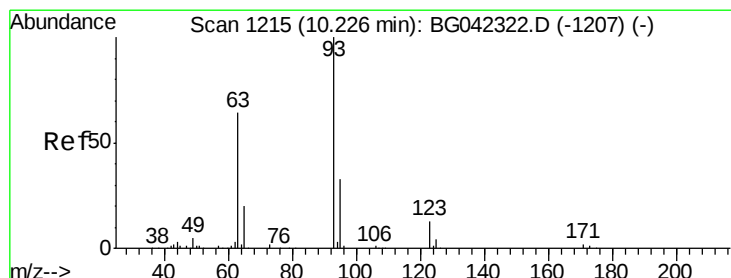
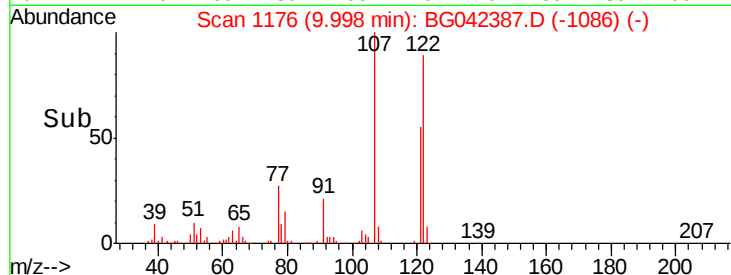
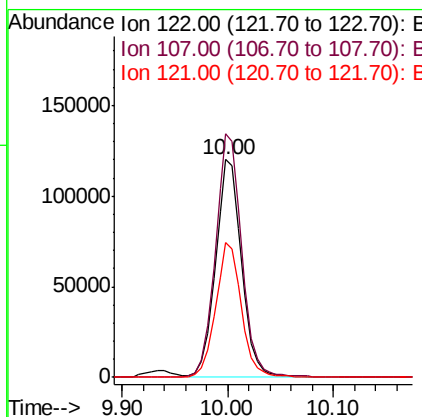
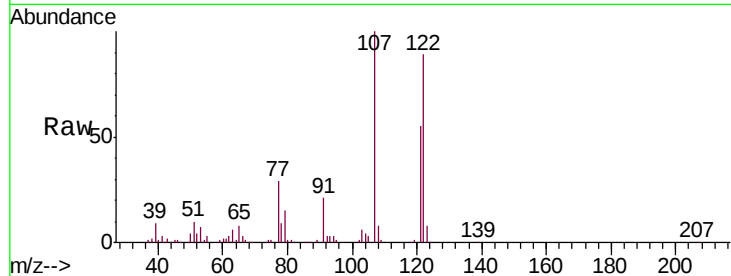
#27
 2,4-Dimethylphenol
 Concen: 54.700 ng
 RT: 10.00 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BG042387.D
 Acq: 21 Aug 2019 17:24

Instrument :
 BNA_G
 ClientSampleId :
 0604-COMP-BH-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	111.7	91.0	136.4	
121	61.7	47.1	70.7	

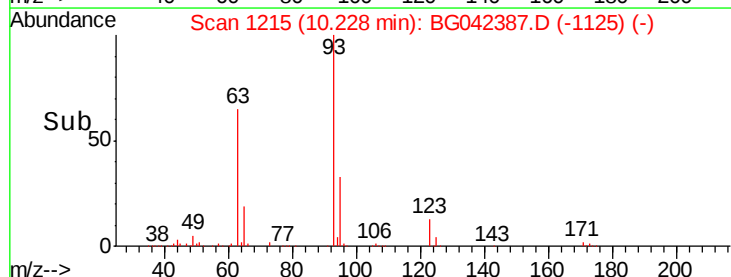
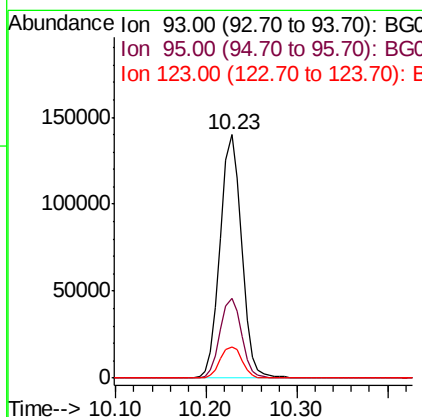
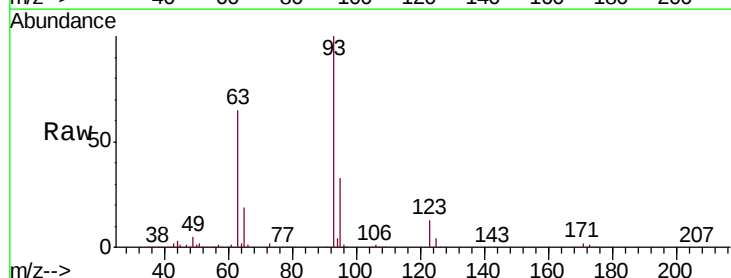
Manual Integrations
 APPROVED

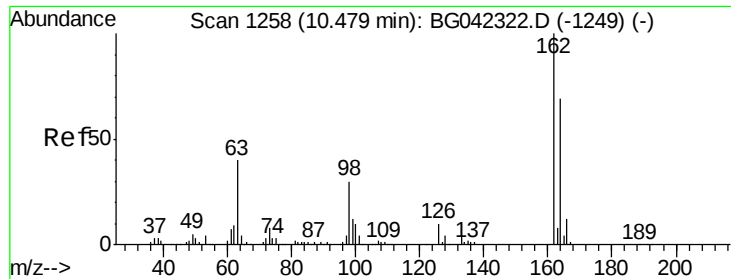
Jagrut
 8/22/2019 1:58:55 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.823 ng
 RT: 10.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BG042387.D
 Acq: 21 Aug 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	32.8	26.3	39.5	
123	12.7	10.3	15.5	





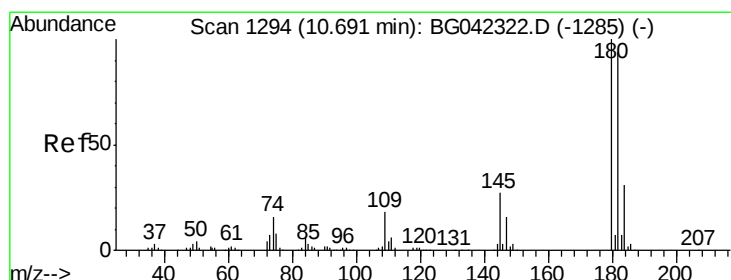
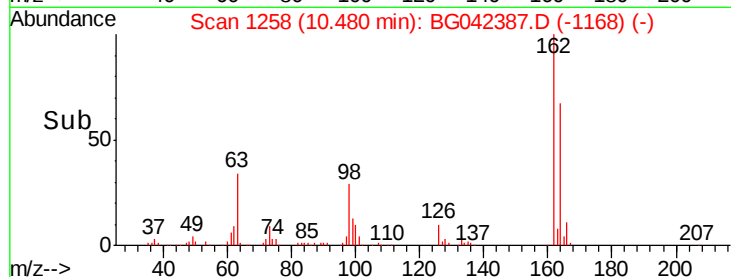
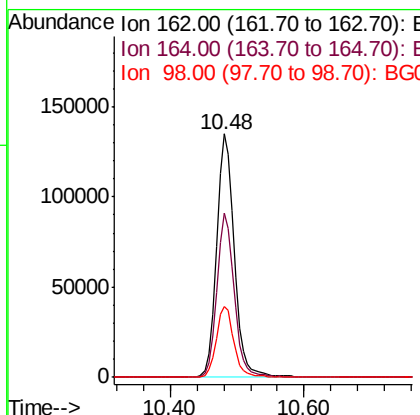
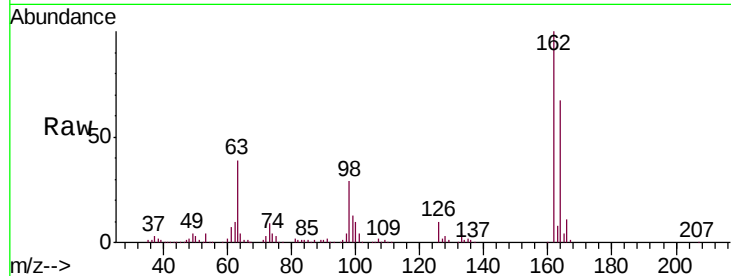
#29
 2,4-Dichlorophenol
 Concen: 50.606 ng
 RT: 10.48 min Scan# 1258
 Delta R.T. 0.00 min
 Lab File: BG042387.D
 Acq: 21 Aug 2019 17:24

Instrument :
 BNA_G
 ClientSampleId :
 0604-COMP-BH-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	253384		
164	67.5	48.6	88.6	
98	29.3	9.6	49.6	

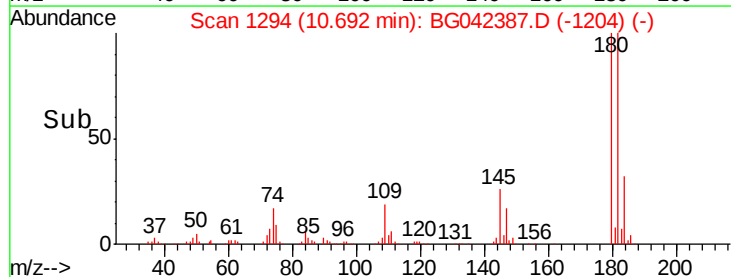
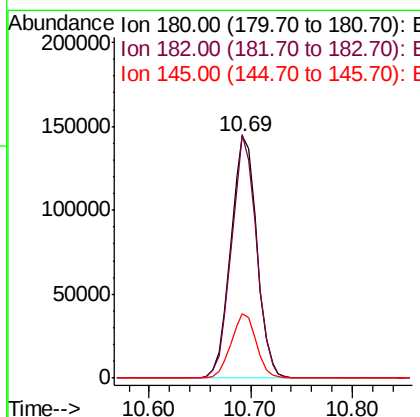
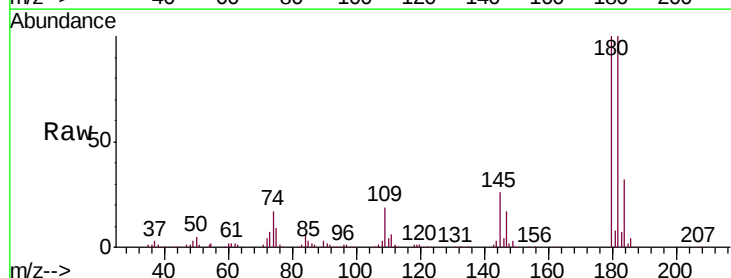
Manual Integrations
 APPROVED

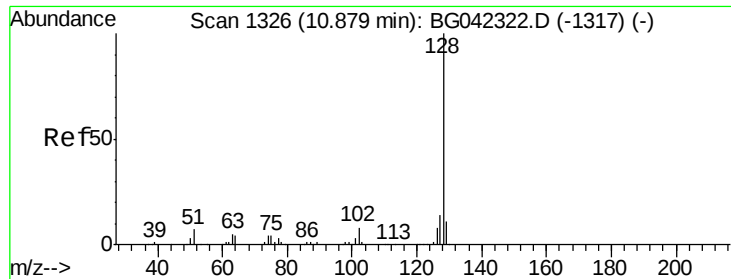
Jagrut
 8/22/2019 1:58:55 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 41.826 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: BG042387.D
 Acq: 21 Aug 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	255989		
182	100.5	75.1	112.7	
145	26.6	21.2	31.8	





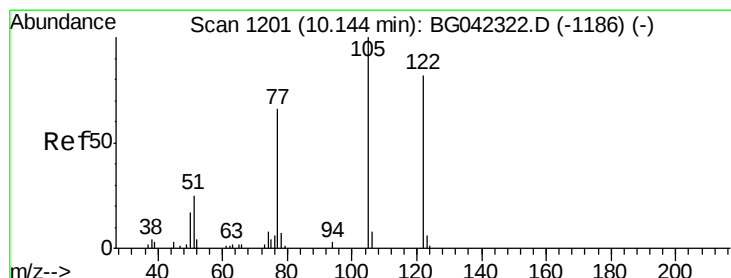
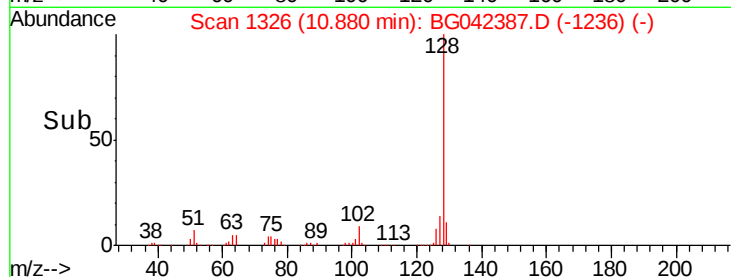
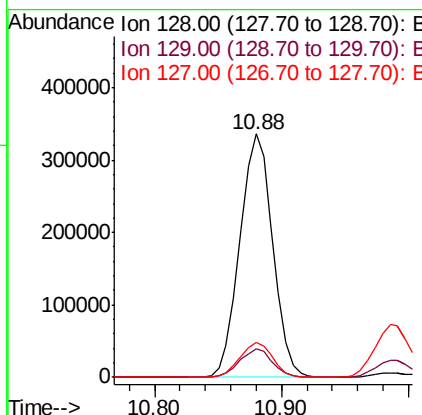
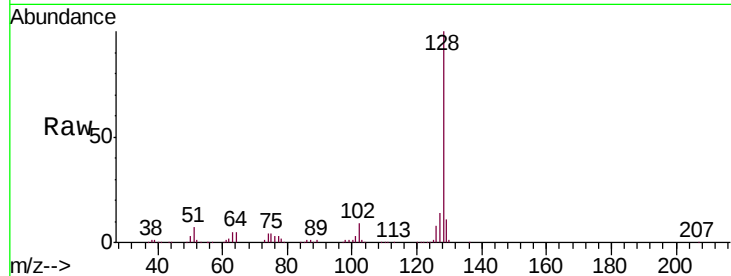
#31
Naphthalene
Concen: 43.248 ng
RT: 10.88 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BG042387.D
Acq: 21 Aug 2019 17:24

Instrument :
BNA_G
ClientSampleId :
0604-COMP-BH-6MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	13.0
127	14.4	10.8	16.2

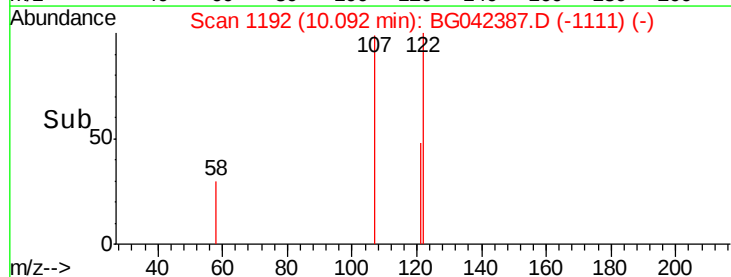
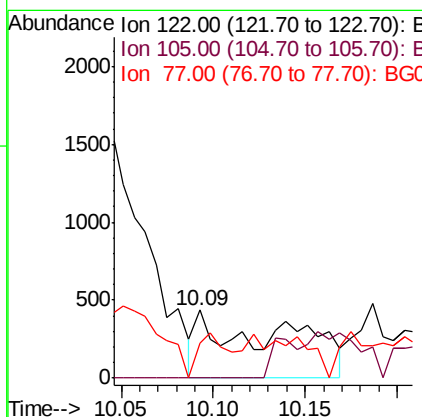
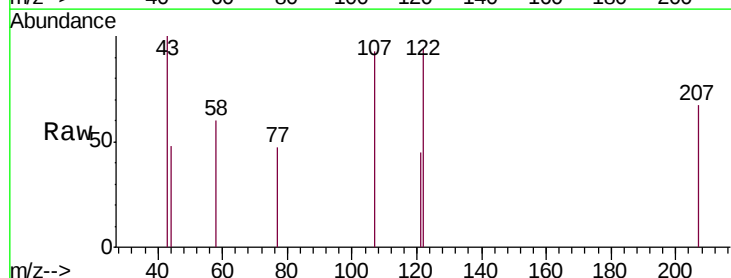
Manual Integrations
APPROVED

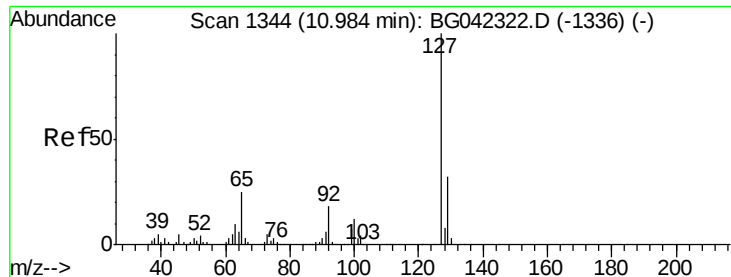
Jagrut
8/22/2019 1:58:55 PM



#32
Benzoic acid
Concen: 8.199 ng m
RT: 10.09 min Scan# 1192
Delta R.T. -0.05 min
Lab File: BG042387.D
Acq: 21 Aug 2019 17:24

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	97.7	137.7#
77	50.6	58.4	98.4#





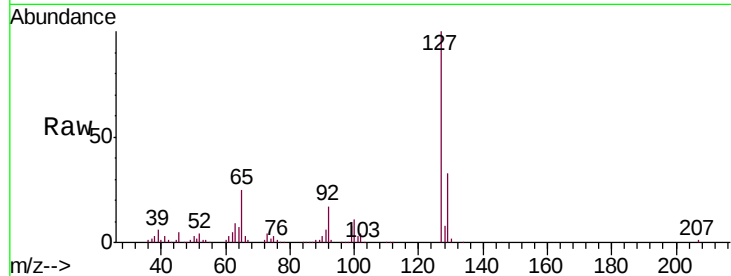
#33
4-Chloroaniline
Concen: 23.851 ng
RT: 10.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG042387.D
Acq: 21 Aug 2019 17:24

Instrument :
BNA_G
ClientSampleId :
0604-COMP-BH-6MSD

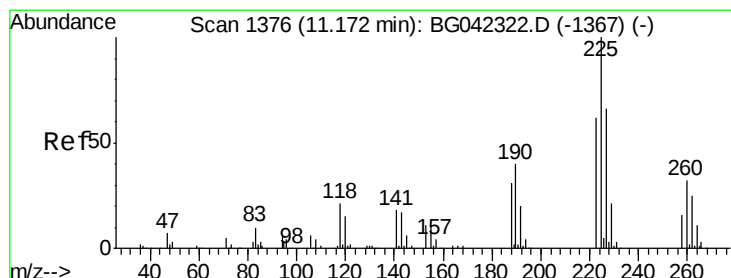
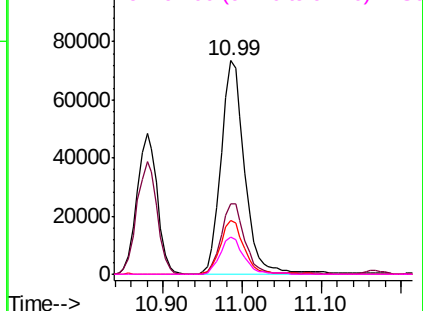
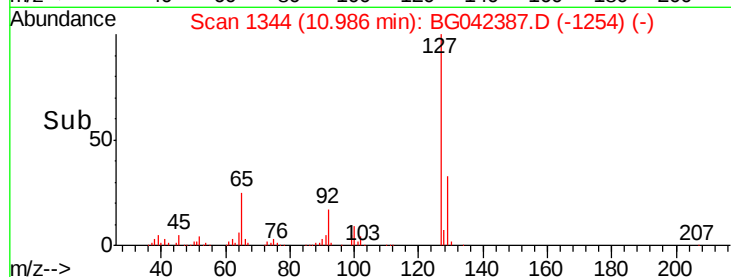
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.2	25.9	38.9	
65	25.1	19.8	29.8	
92	17.4	14.4	21.6	

Manual Integrations
APPROVED

Jagrut
8/22/2019 1:58:55 PM

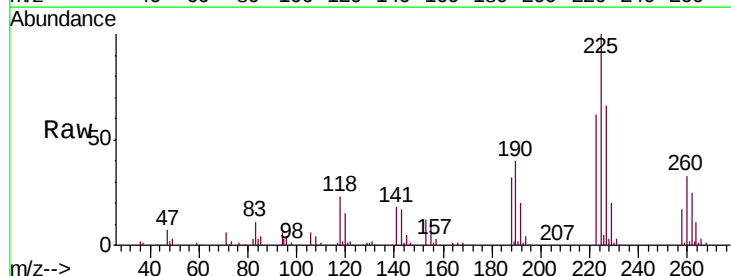


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

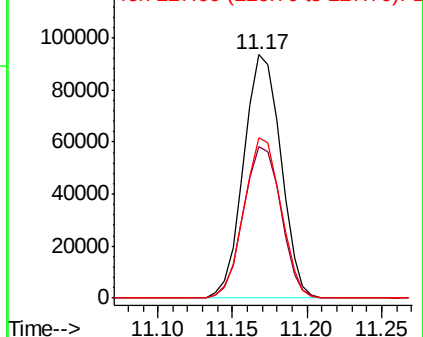
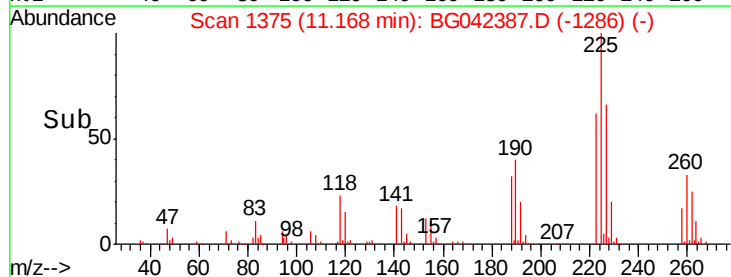


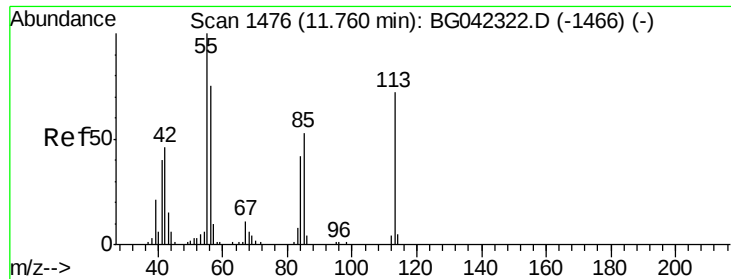
#34
Hexachlorobutadiene
Concen: 39.362 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG042387.D
Acq: 21 Aug 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.4	49.8	74.8	
227	65.9	52.9	79.3	



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





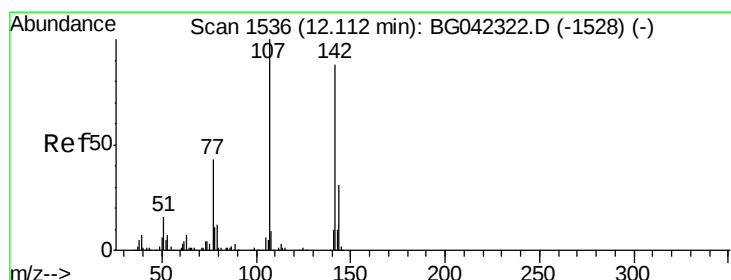
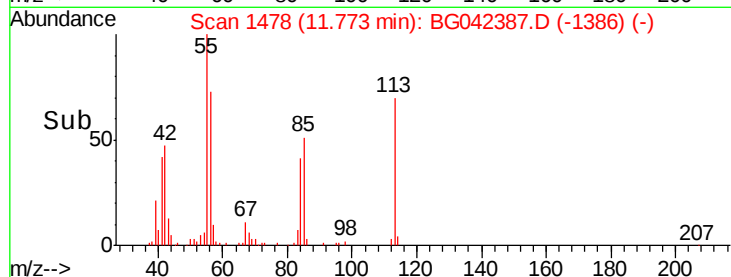
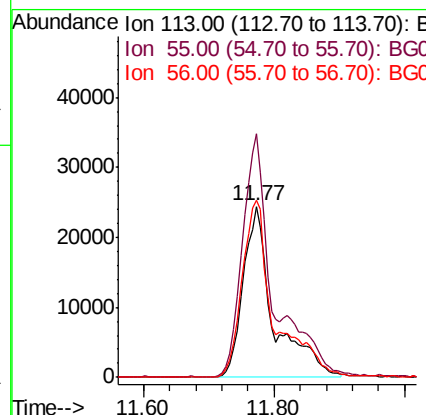
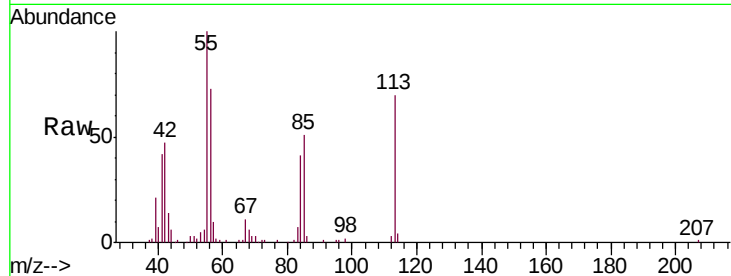
#35
Caprolactam
Concen: 49.582 ng/ml
RT: 11.77 min Scan# 1478
Delta R.T. 0.01 min
Lab File: BG042387.D
Acq: 21 Aug 2019 17:24

Instrument :
BNA_G
ClientSampleId :
0604-COMP-BH-6MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	142.2	119.4	159.4
56	103.2	83.9	123.9

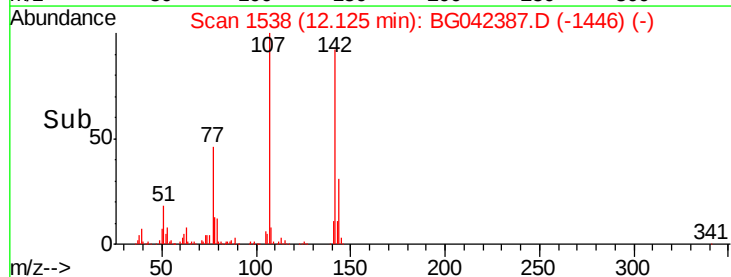
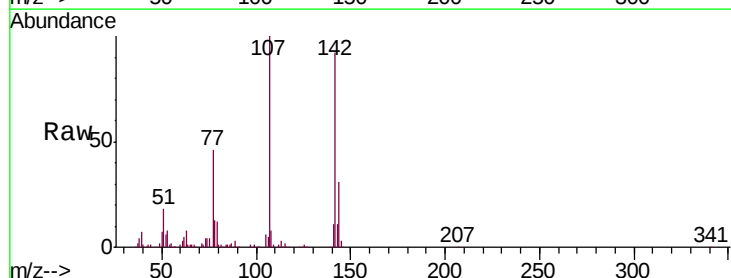
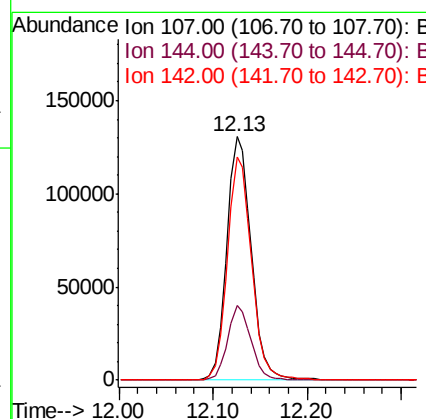
Manual Integrations
APPROVED

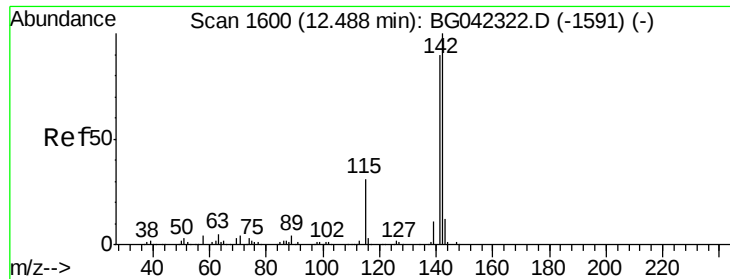
Jagrut
8/22/2019 1:58:55 PM



#36
4-Chloro-3-methylphenol
Concen: 50.424 ng/ml
RT: 12.13 min Scan# 1538
Delta R.T. 0.01 min
Lab File: BG042387.D
Acq: 21 Aug 2019 17:24

Tgt Ion	Ratio	Lower	Upper
107	100		
144	30.8	24.9	37.3
142	91.9	70.3	105.5





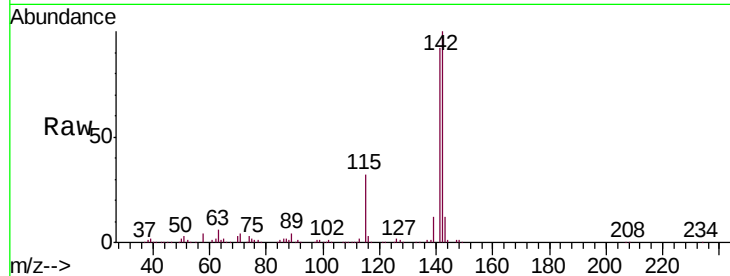
#37
2-Methylnaphthalene
Concen: 44.572 ng
RT: 12.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BG042387.D
Acq: 21 Aug 2019 17:24

Instrument :
BNA_G
ClientSampleId :
0604-COMP-BH-6MSD

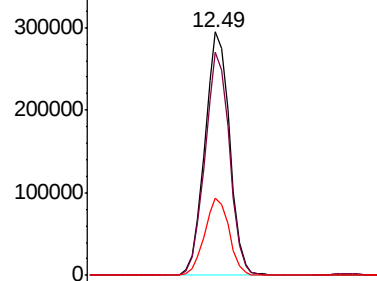
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.5	72.1	108.1
115	31.8	24.4	36.6

Manual Integrations
APPROVED

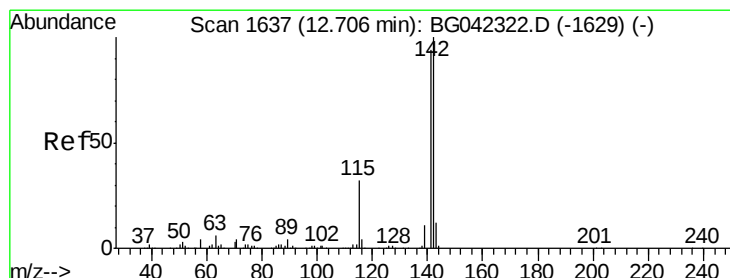
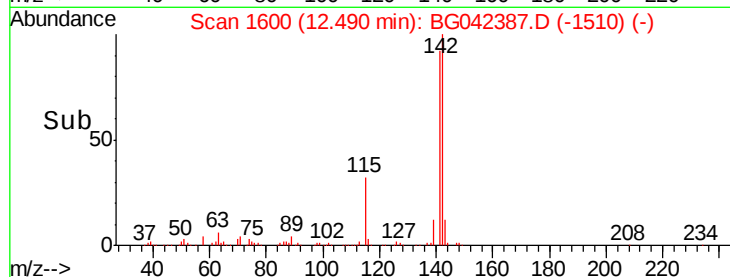
Jagrut
8/22/2019 1:58:55 PM



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

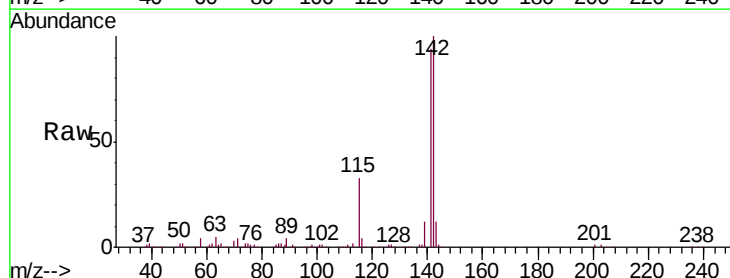


Time-->

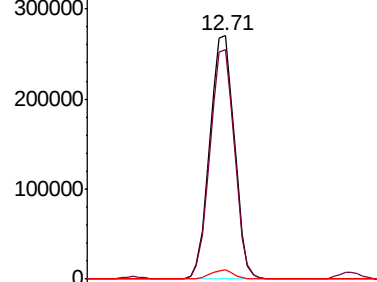


#38
1-Methylnaphthalene
Concen: 44.463 ng
RT: 12.71 min Scan# 1638
Delta R.T. 0.01 min
Lab File: BG042387.D
Acq: 21 Aug 2019 17:24

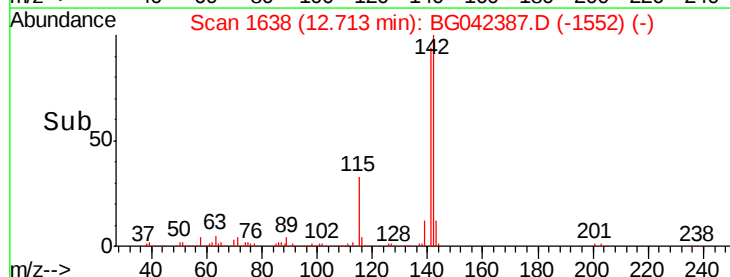
Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.2	75.1	112.7
116	3.7	3.0	4.6

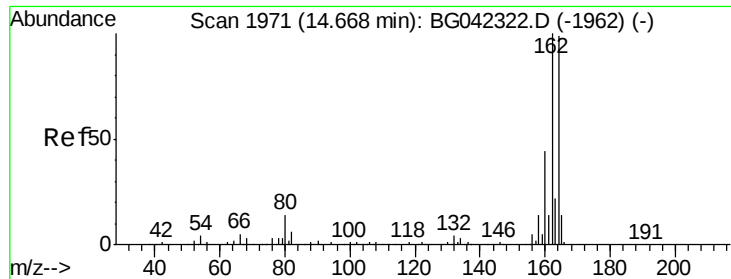


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E



Time-->





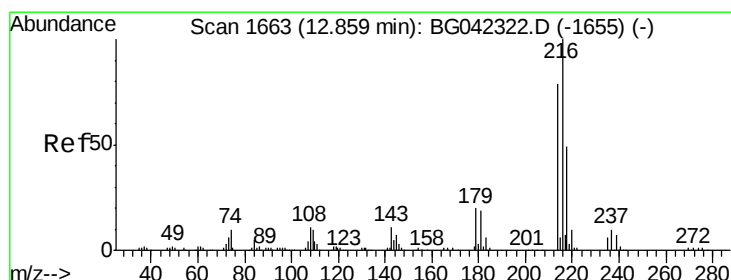
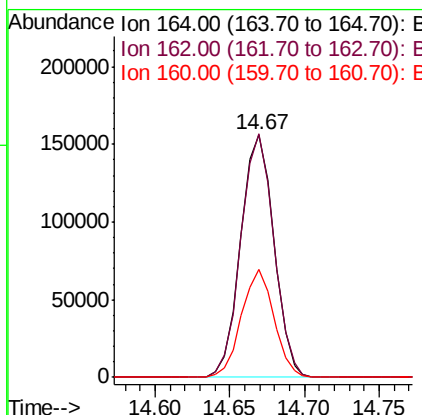
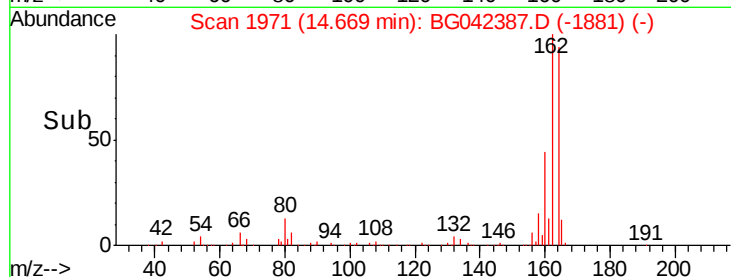
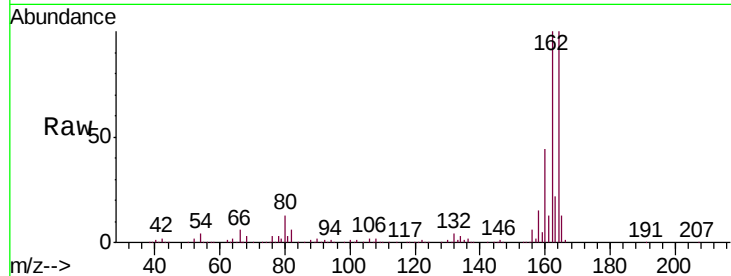
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BG042387.D
Acq: 21 Aug 2019 17:24

Instrument :
BNA_G
ClientSampleId :
0604-COMP-BH-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.4	80.6	120.8	
160	44.6	35.7	53.5	

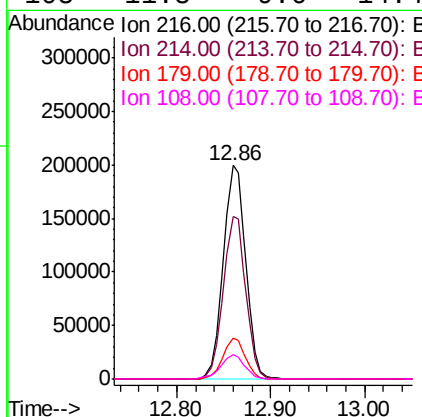
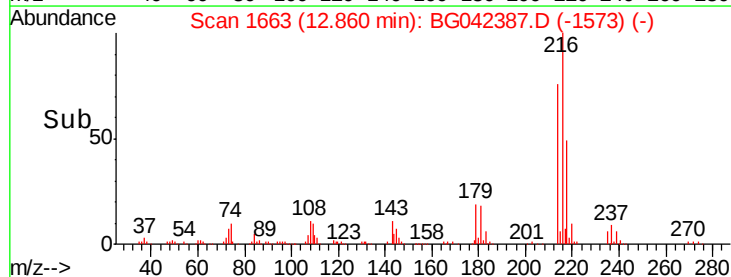
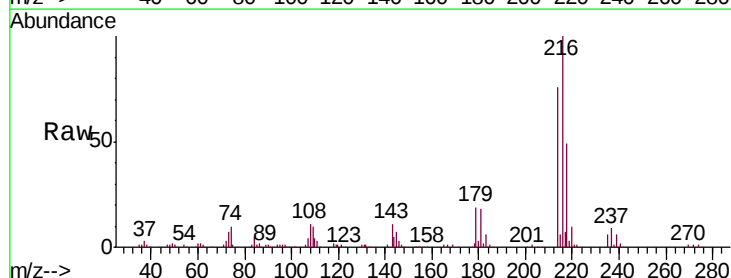
Manual Integrations
APPROVED

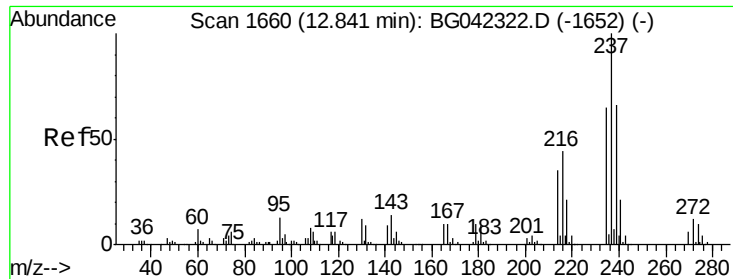
Jagrut
8/22/2019 1:58:55 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.526 ng
RT: 12.86 min Scan# 1663
Delta R.T. 0.00 min
Lab File: BG042387.D
Acq: 21 Aug 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	76.3	62.2	93.4	
179	18.8	15.3	22.9	
108	11.8	9.6	14.4	





#41
Hexachlorocyclopentadiene
Concen: 35.244 ng
RT: 12.84 min Scan# 1660
Delta R.T. 0.00 min
Lab File: BG042387.D
Acq: 21 Aug 2019 17:24

Instrument :
BNA_G
ClientSampleId :
0604-COMP-BH-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	62.9	45.1	85.1	
272	13.8	0.0	32.3	

Manual Integrations
APPROVED

Jagrut
8/22/2019 1:58:55 PM

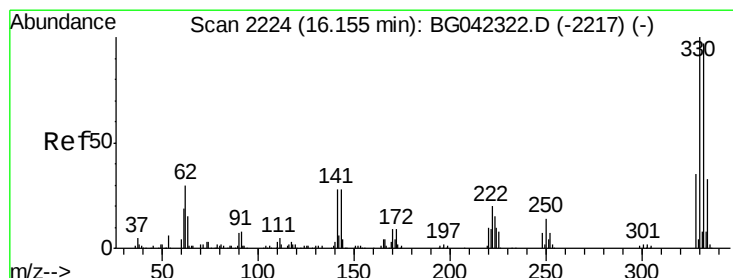
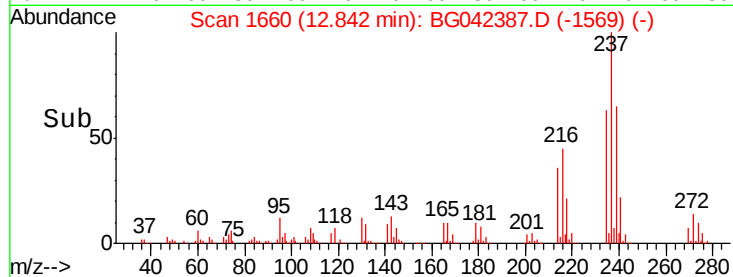
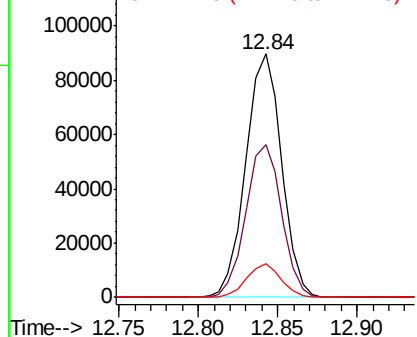


Abundance

Ion 236.80 (236.50 to 237.50): E

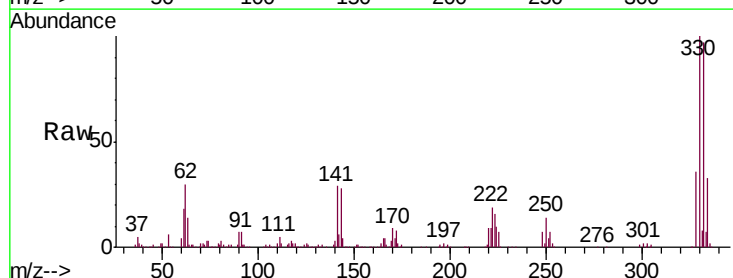
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 125.127 ng
RT: 16.16 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BG042387.D
Acq: 21 Aug 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.7	76.9	115.3	
141	27.4	21.8	32.6	

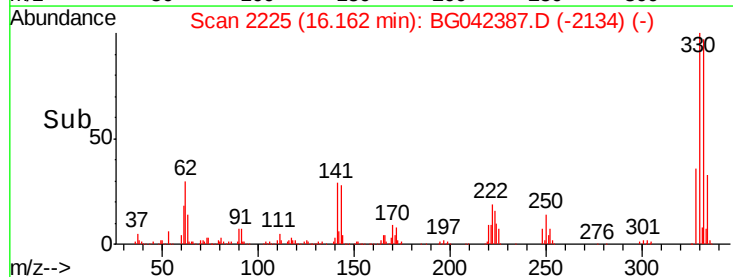
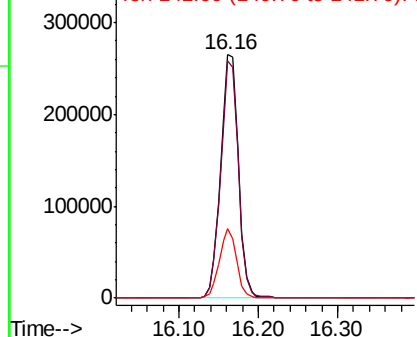


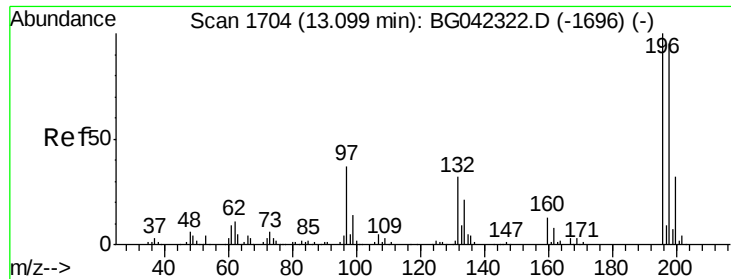
Abundance

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





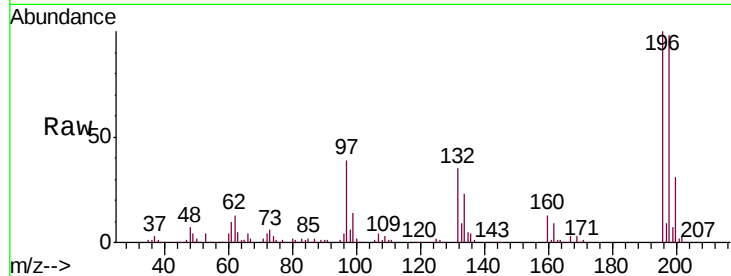
#43
 2,4,6-Trichlorophenol
 Concen: 45.261 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. 0.00 min
 Lab File: BG042387.D
 Acq: 21 Aug 2019 17:24

Instrument :
 BNA_G
 ClientSampleId :
 0604-COMP-BH-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	235803		
198	97.9	75.9	113.9	
200	30.8	25.5	38.3	

Manual Integrations
 APPROVED

Jagrut
 8/22/2019 1:58:55 PM

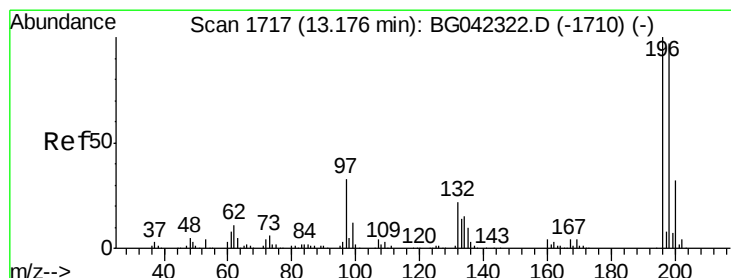
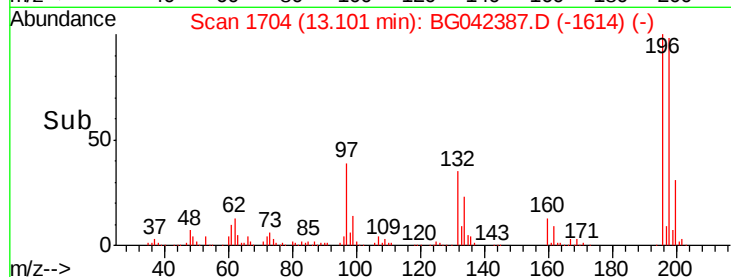
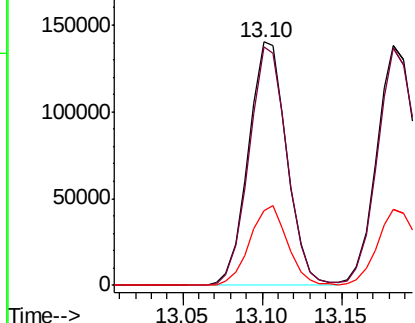


Abundance

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: 45.626 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. 0.01 min
 Lab File: BG042387.D
 Acq: 21 Aug 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	244826		
198	98.6	77.4	116.2	
97	34.6	26.5	39.7	
132	21.7	17.5	26.3	

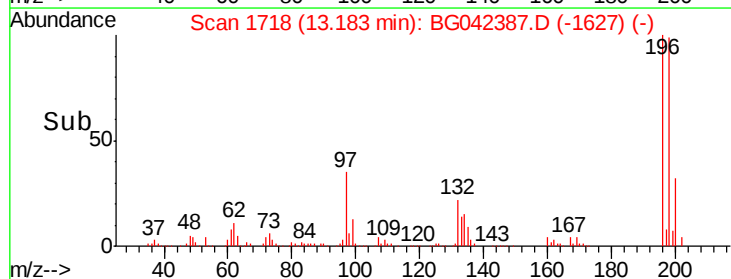
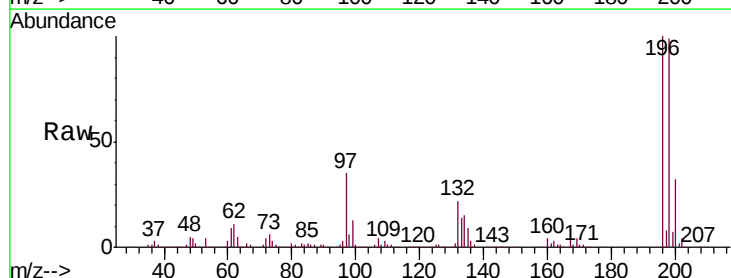
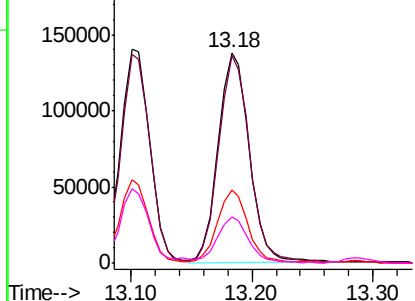
Abundance

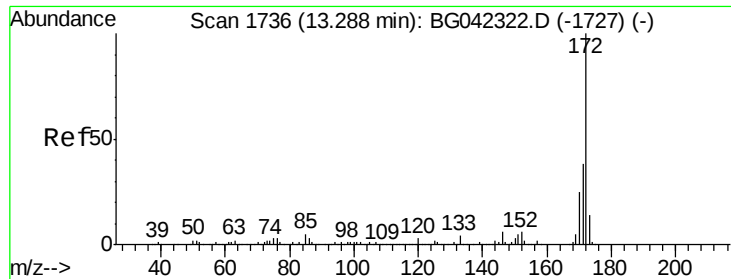
Ion 196.00 (195.70 to 196.70): E

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





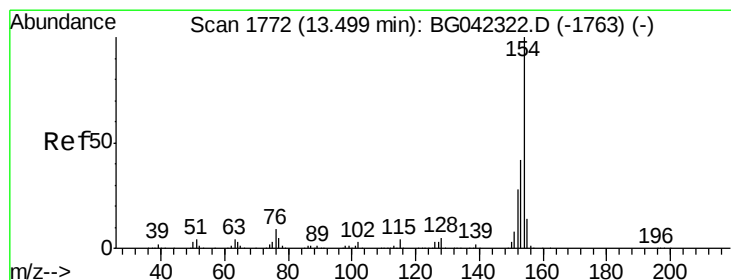
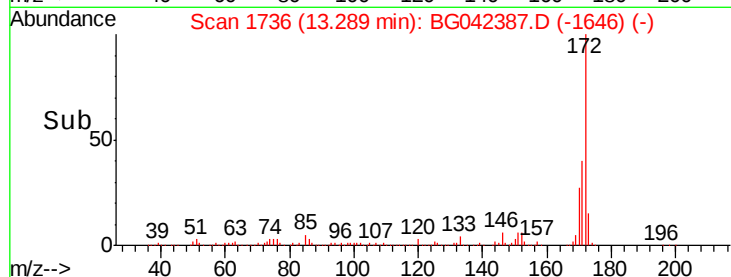
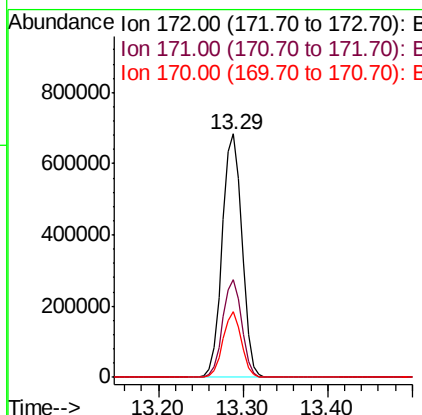
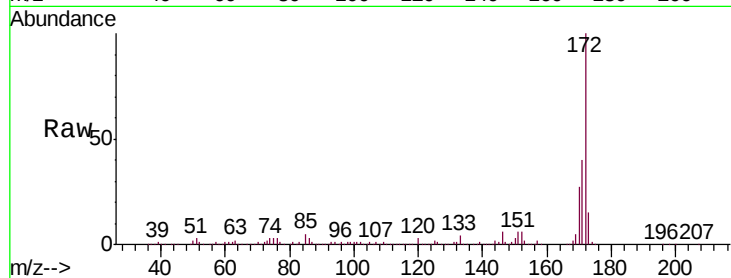
#45
 2-Fluorobiphenyl
 Concen: 77.692 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. 0.00 min
 Lab File: BG042387.D
 Acq: 21 Aug 2019 17:24

Instrument :
 BNA_G
 ClientSampleId :
 0604-COMP-BH-6MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.1	30.3	45.5
170	26.8	20.0	30.0

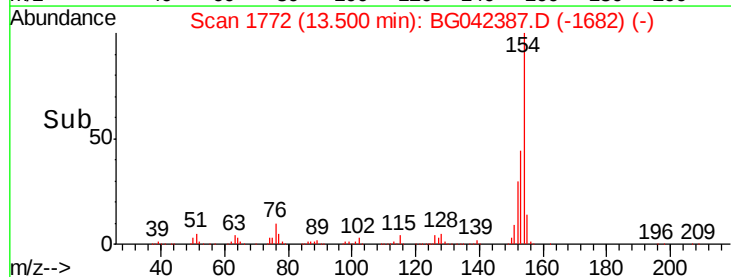
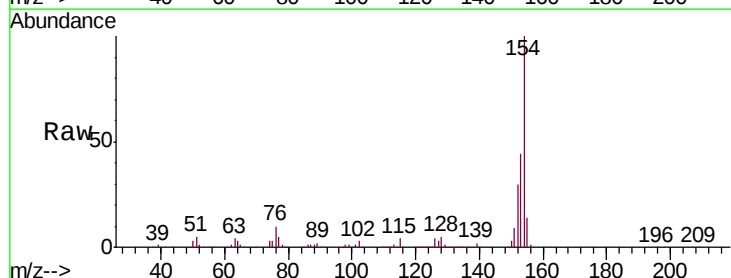
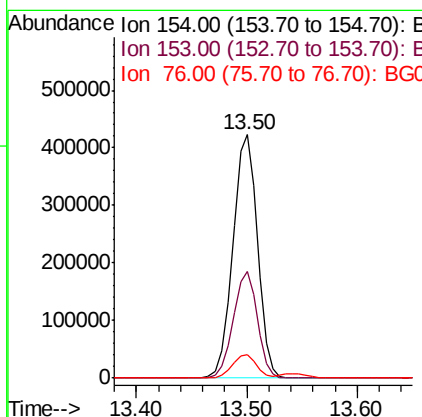
Manual Integrations
 APPROVED

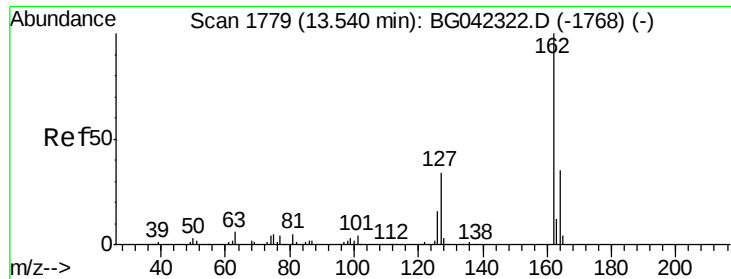
Jagrut
 8/22/2019 1:58:55 PM



#46
 1,1'-Biphenyl
 Concen: 41.894 ng
 RT: 13.50 min Scan# 1772
 Delta R.T. 0.00 min
 Lab File: BG042387.D
 Acq: 21 Aug 2019 17:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.8	21.9	61.9
76	9.7	0.0	29.3





#47

2-Chloronaphthalene

Concen: 40.859 ng

RT: 13.54 min Scan# 1779

Delta R.T. 0.00 min

Lab File: BG042387.D

Acq: 21 Aug 2019 17:24

Instrument :

BNA_G

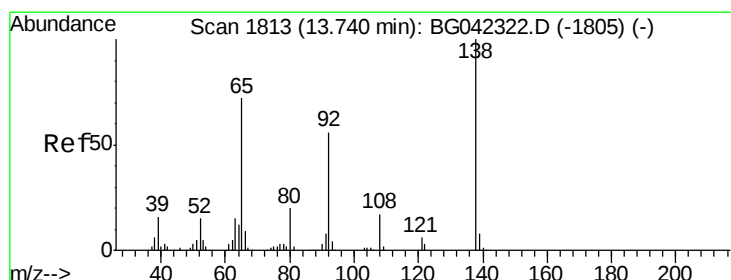
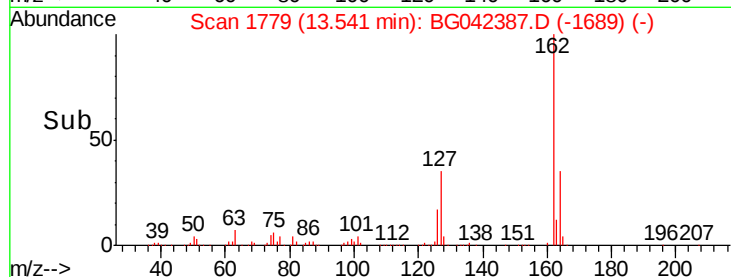
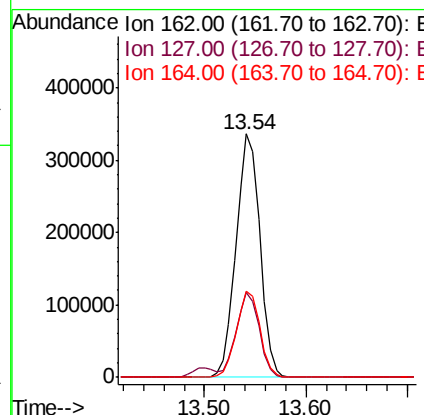
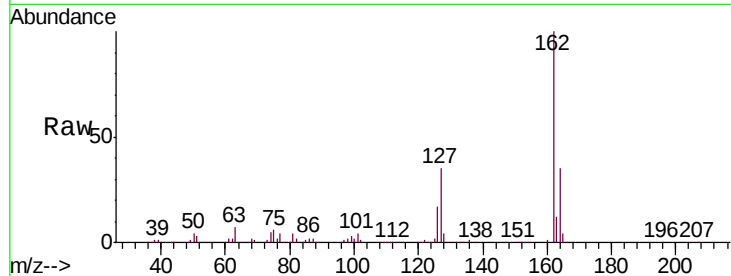
ClientSampleId :

0604-COMP-BH-6MSD

Tot Ion:	162	Resp:	548803
Ion Ratio	Lower	Upper	
162	100		
127	34.8	27.2	40.8
164	35.3	27.8	41.8

Manual Integrations
APPROVED

Jagrut
8/22/2019 1:58:55 PM



#48

2-Nitroaniline

Concen: 44.934 ng

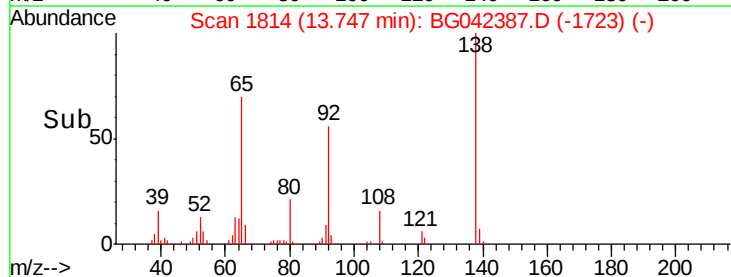
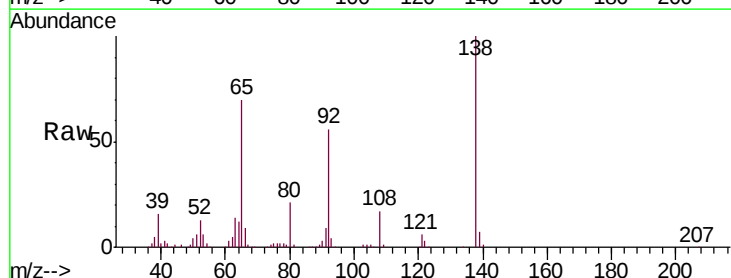
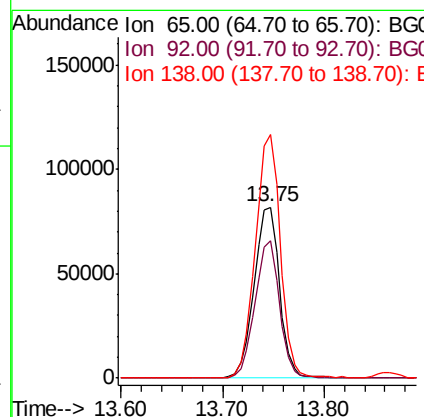
RT: 13.75 min Scan# 1814

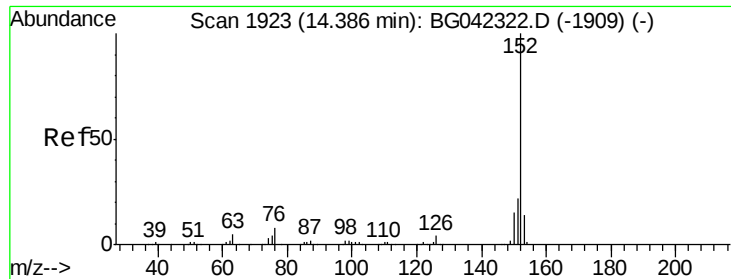
Delta R.T. 0.01 min

Lab File: BG042387.D

Acq: 21 Aug 2019 17:24

Tgt Ion:	65	Resp:	142640
Ion Ratio	Lower	Upper	
65	100		
92	80.1	62.6	94.0
138	142.5	111.5	167.3





#49

Acenaphthylene

Concen: 42.886 ng

RT: 14.39 min Scan# 1924

Delta R.T. 0.01 min

Lab File: BG042387.D

Acq: 21 Aug 2019 17:24

Instrument :

BNA_G

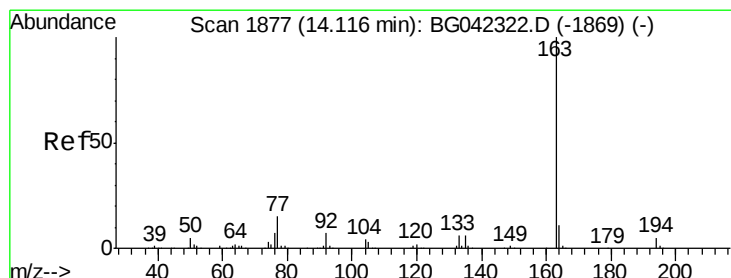
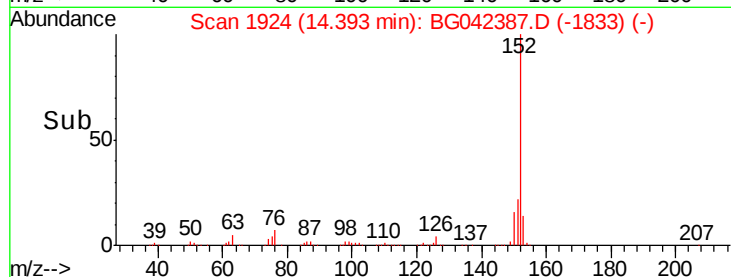
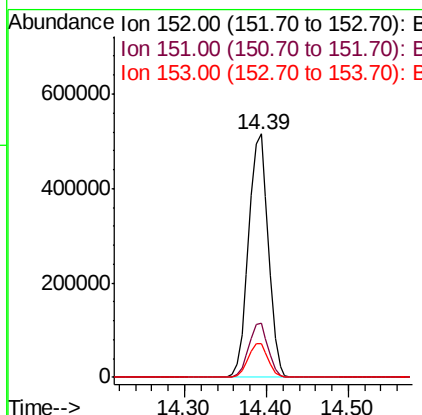
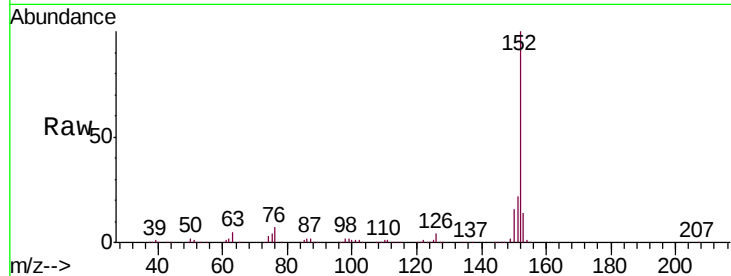
ClientSampleId :

0604-COMP-BH-6MSD

Tot Ion:	152	Resp:	865940
Ion Ratio	Lower	Upper	
152	100		
151	22.2	17.3	25.9
153	14.1	11.5	17.3

Manual Integrations
APPROVED

Jagrut
8/22/2019 1:58:55 PM



#50

Dimethylphthalate

Concen: 54.269 ng

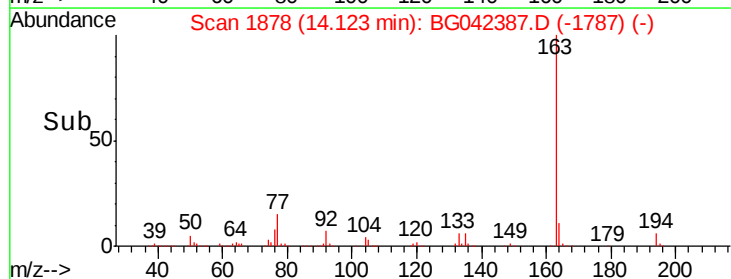
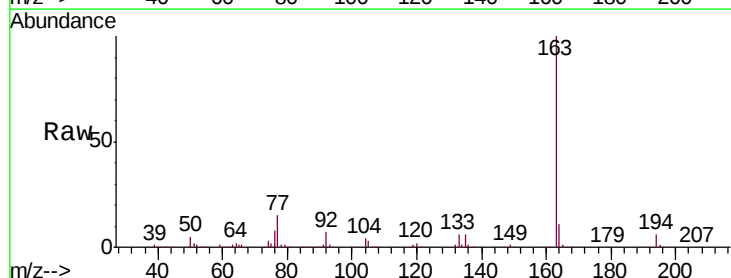
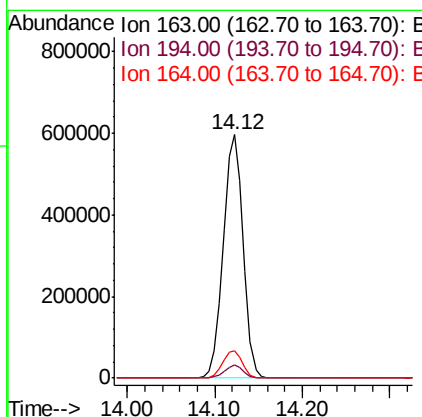
RT: 14.12 min Scan# 1878

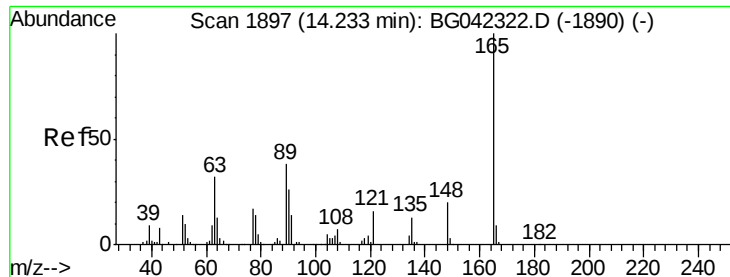
Delta R.T. 0.01 min

Lab File: BG042387.D

Acq: 21 Aug 2019 17:24

Tgt Ion:	163	Resp:	931231
Ion Ratio	Lower	Upper	
163	100		
194	5.6	4.2	6.2
164	11.4	8.8	13.2





#51

2,6-Dinitrotoluene

Concen: 43.382 ng

RT: 14.24 min Scan# 1898

Delta R.T. 0.01 min

Lab File: BG042387.D

Acq: 21 Aug 2019 17:24

Instrument :

BNA_G

ClientSampleId :

0604-COMP-BH-6MSD

Tot Ion:165 Resp: 174225

Ion Ratio Lower Upper

165 100

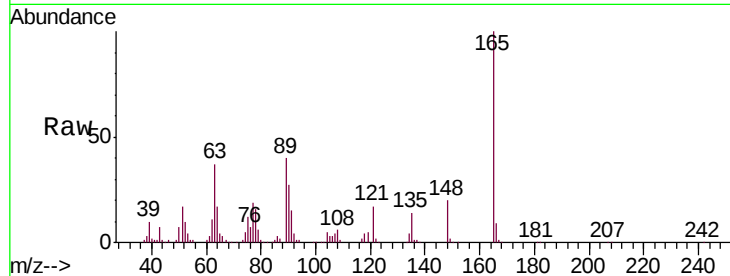
63 37.0 28.2 42.2

89 39.6 30.0 45.0

Manual Integrations
APPROVED

Jagrut

8/22/2019 1:58:55 PM



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

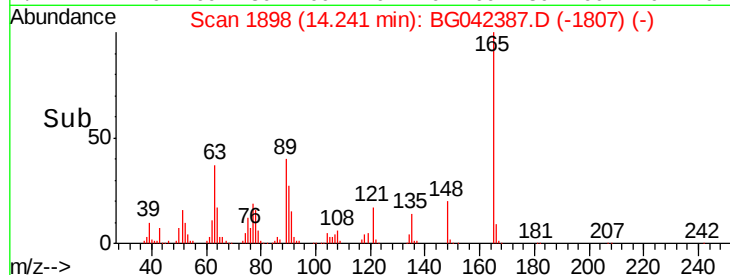
150000

100000

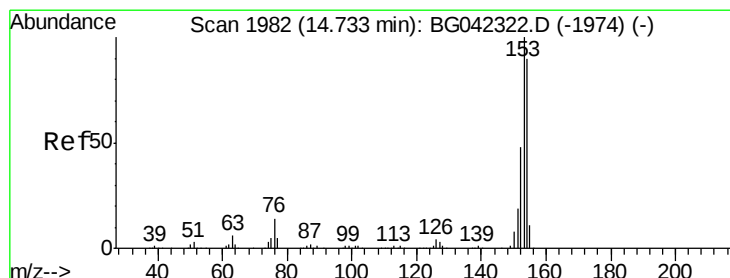
50000

0

14.15 14.20 14.25 14.30



Time-->



#52

Acenaphthene

Concen: 41.518 ng

RT: 14.73 min Scan# 1982

Delta R.T. 0.00 min

Lab File: BG042387.D

Acq: 21 Aug 2019 17:24

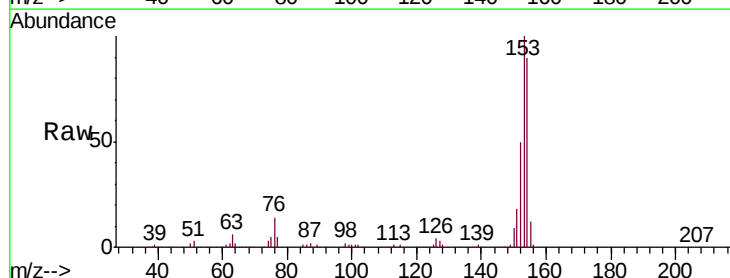
Tgt Ion:154 Resp: 511399

Ion Ratio Lower Upper

154 100

153 111.0 89.4 134.0

152 55.0 43.1 64.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

500000

400000

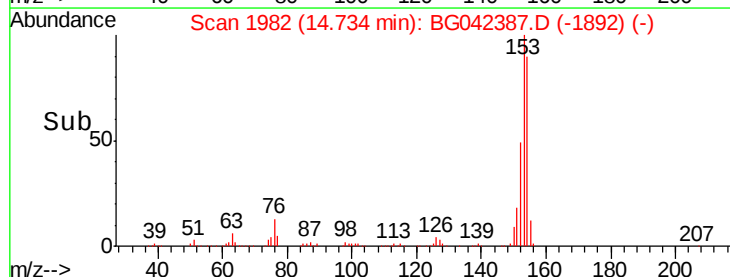
300000

200000

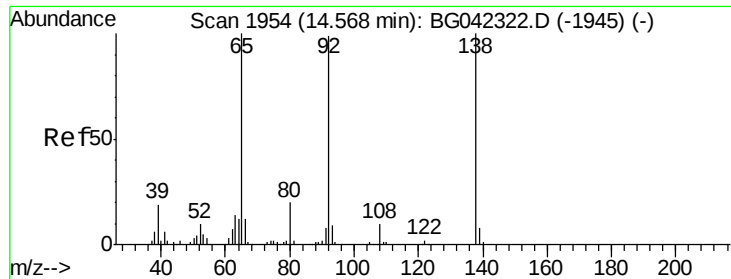
100000

0

14.65 14.70 14.75 14.80



Time-->



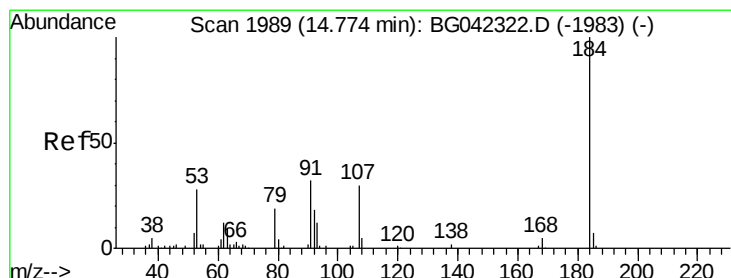
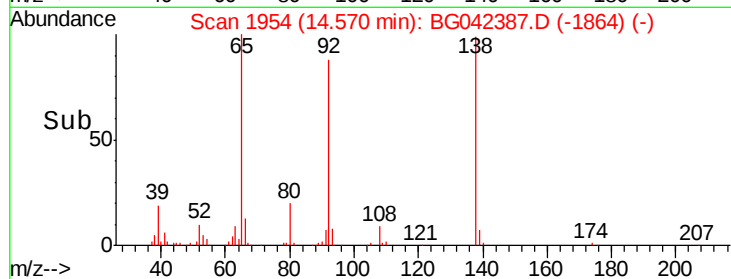
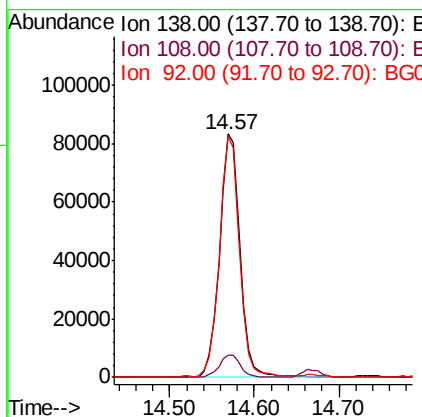
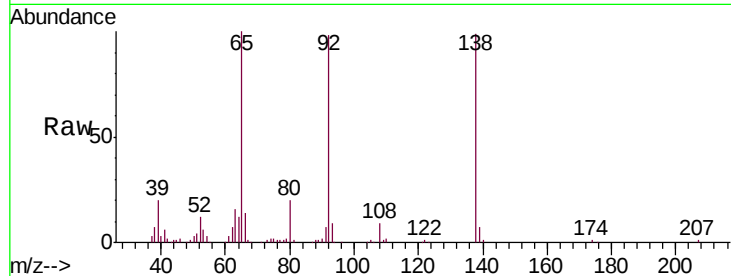
#53
3-Nitroaniline
Concen: 35.630 ng
RT: 14.57 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BG042387.D
Acq: 21 Aug 2019 17:24

Instrument :
BNA_G
ClientSampleId :
0604-COMP-BH-6MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.2	7.9	11.9
92	99.0	79.8	119.8

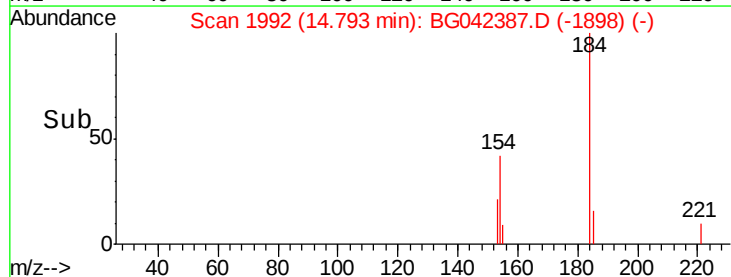
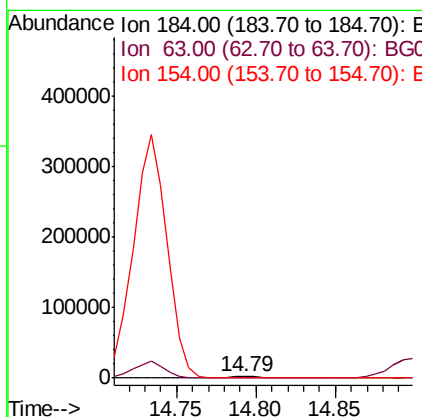
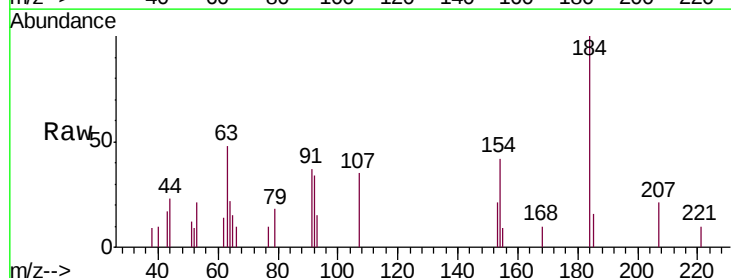
Manual Integrations
APPROVED

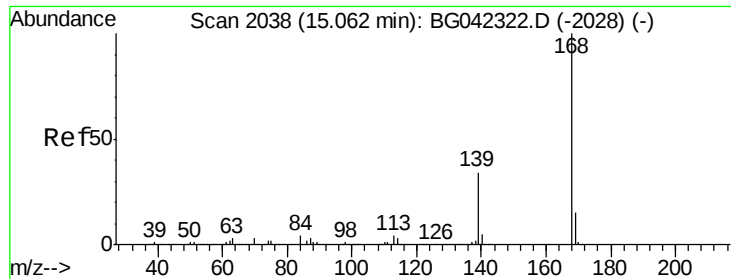
Jagrut
8/22/2019 1:58:55 PM



#54
2,4-Dinitrophenol
Concen: 7.889 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.02 min
Lab File: BG042387.D
Acq: 21 Aug 2019 17:24

Tgt Ion	Ratio	Lower	Upper
184	100		
63	47.7	30.2	45.4#
154	41.8	39.7	59.5





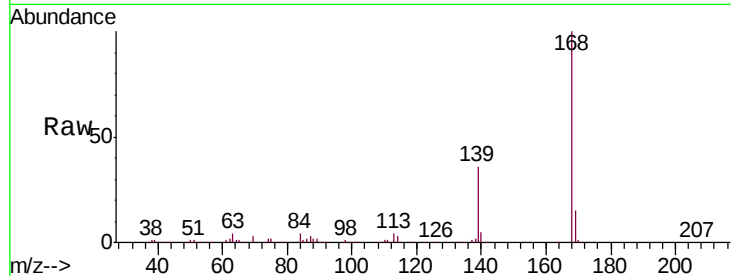
#55
Dibenzofuran
Concen: 43.604 ng
RT: 15.07 min Scan# 2039
Delta R.T. 0.01 min
Lab File: BG042387.D
Acq: 21 Aug 2019 17:24

Instrument :
BNA_G
ClientSampleId :
0604-COMP-BH-6MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.7	27.6	41.4
169	14.8	11.7	17.5

Manual Integrations
APPROVED

Jagrut
8/22/2019 1:58:55 PM

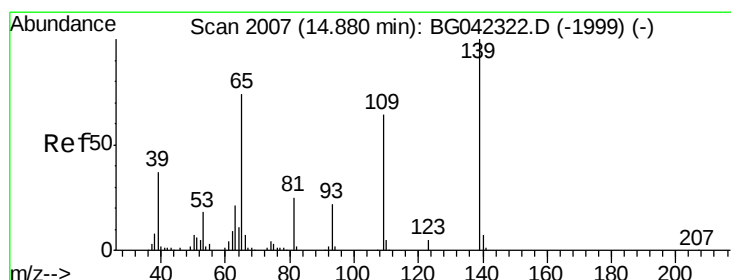
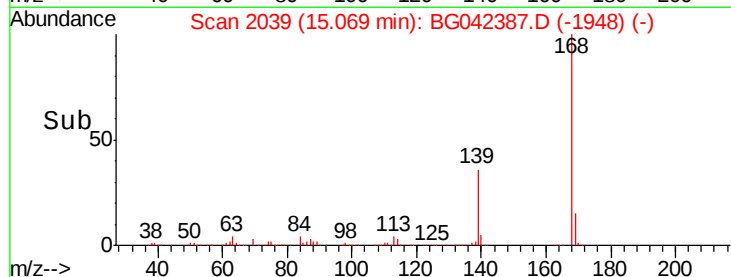
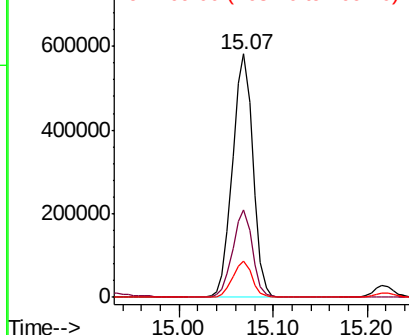


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 86.238 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.02 min
Lab File: BG042387.D
Acq: 21 Aug 2019 17:24

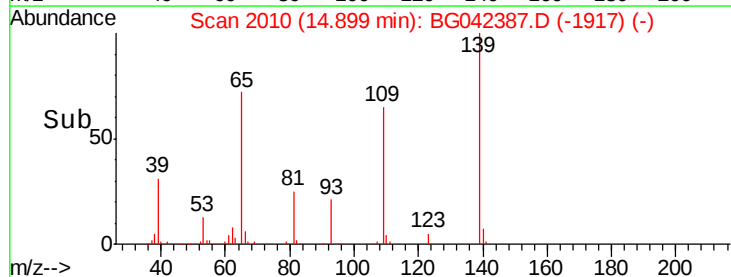
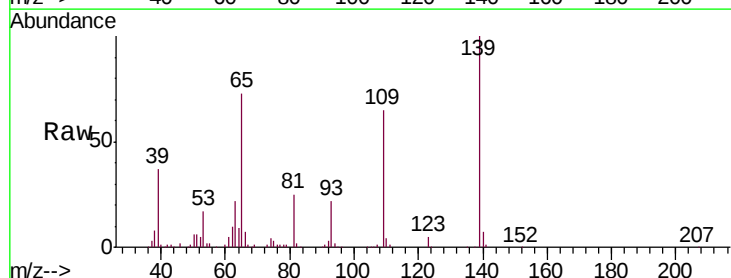
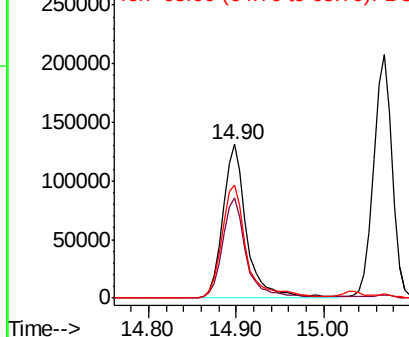
Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.5	44.0	84.0
65	73.3	54.5	94.5

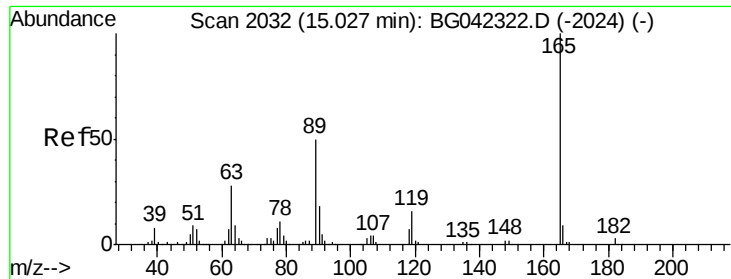
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





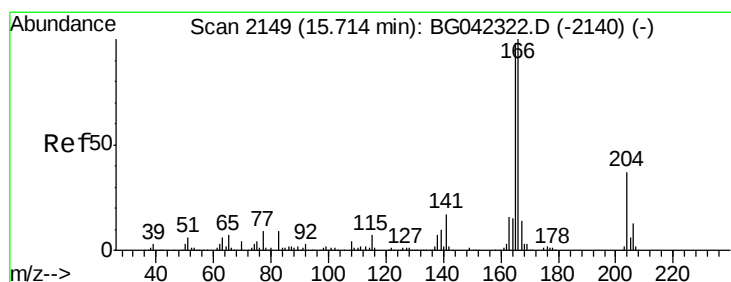
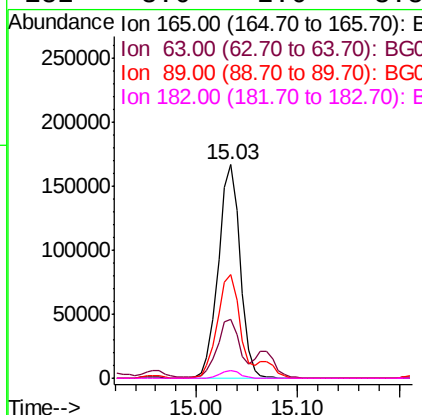
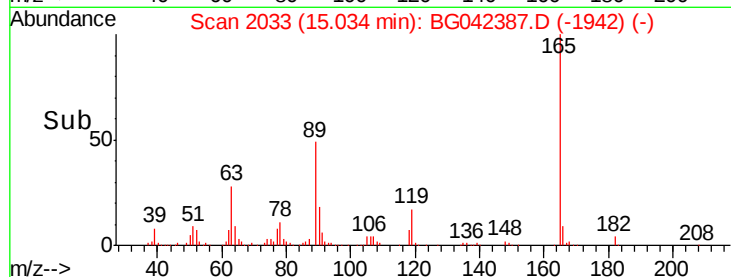
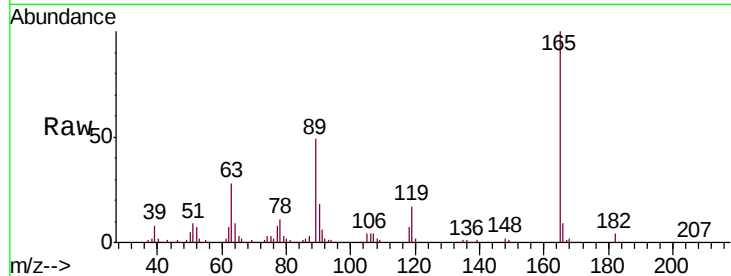
#57
 2,4-Dinitrotoluene
 Concen: 44.358 ng
 RT: 15.03 min Scan# 2033
 Delta R.T. 0.01 min
 Lab File: BG042387.D
 Acq: 21 Aug 2019 17:24

Instrument :
 BNA_G
 ClientSampleId :
 0604-COMP-BH-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	249072		
63	27.8		22.4	33.6
89	48.8		40.2	60.2
182	3.6		2.6	3.8

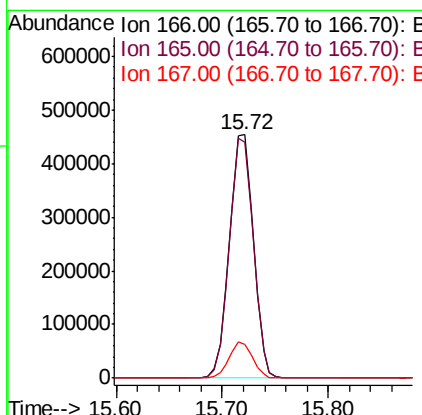
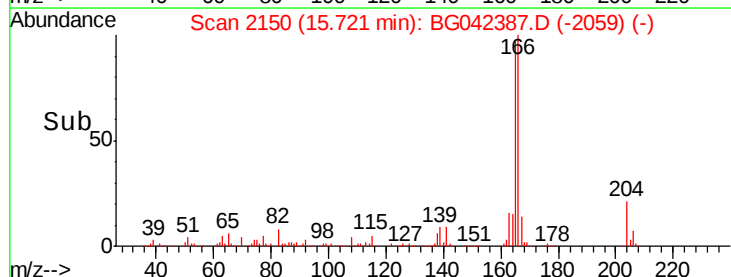
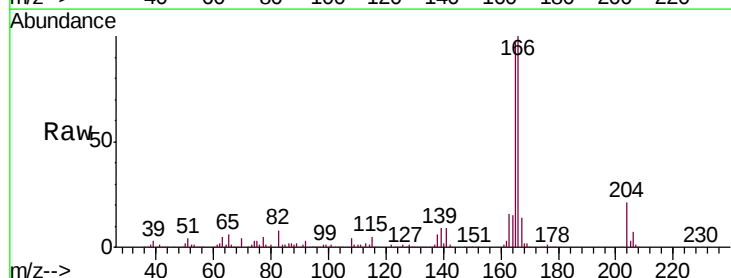
Manual Integrations
 APPROVED

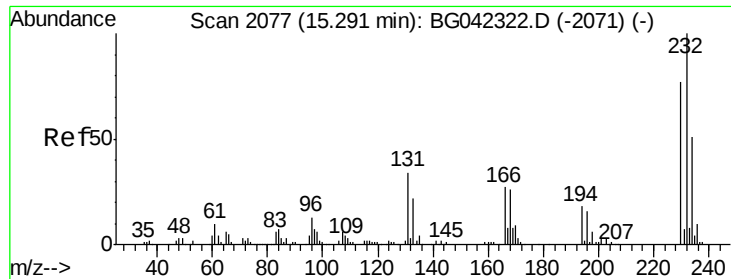
Jagrut
 8/22/2019 1:58:55 PM



#58
 Fluorene
 Concen: 43.476 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. 0.01 min
 Lab File: BG042387.D
 Acq: 21 Aug 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	709592		
165	97.0		78.7	118.1
167	14.1		11.1	16.7





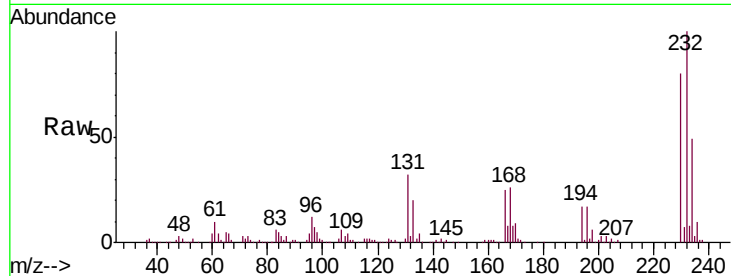
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.631 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. 0.01 min
 Lab File: BG042387.D
 Acq: 21 Aug 2019 17:24

Instrument :
 BNA_G
 ClientSampleId :
 0604-COMP-BH-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	227381		
131	32.1	27.0	40.6	
130	1.8	1.4	2.0	
166	26.1	21.3	31.9	

Manual Integrations
 APPROVED

Jagrut
 8/22/2019 1:58:55 PM



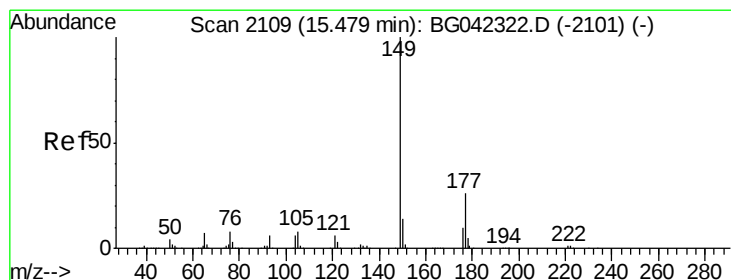
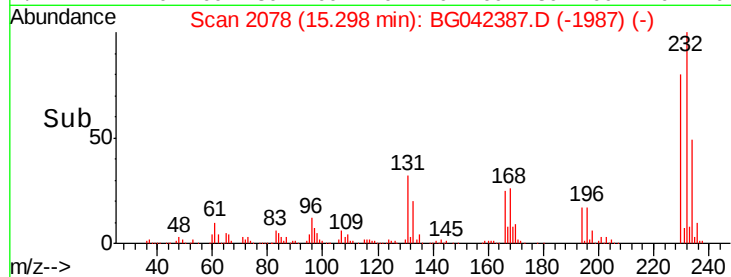
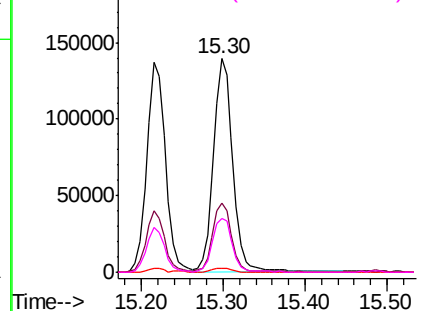
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

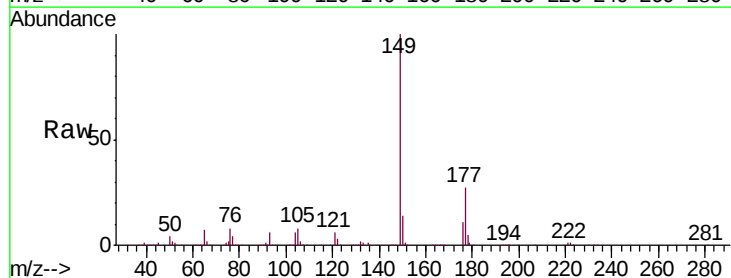
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 42.873 ng
 RT: 15.49 min Scan# 2110
 Delta R.T. 0.01 min
 Lab File: BG042387.D
 Acq: 21 Aug 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	711750		
177	26.7	20.7	31.1	
150	14.0	11.0	16.4	

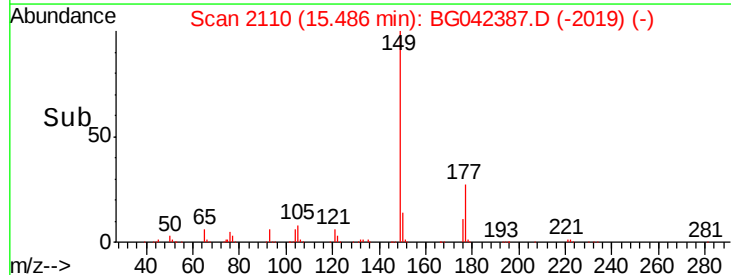
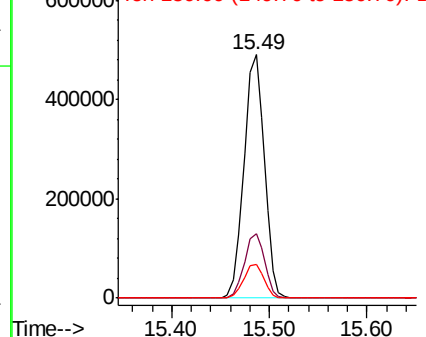


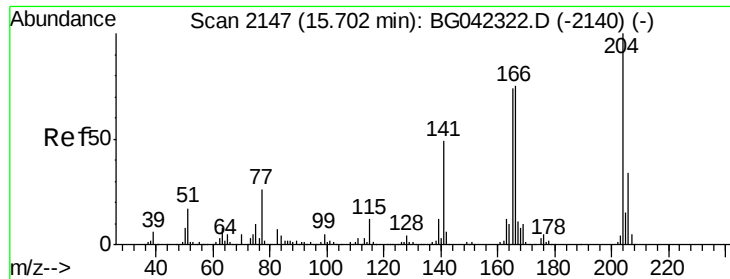
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





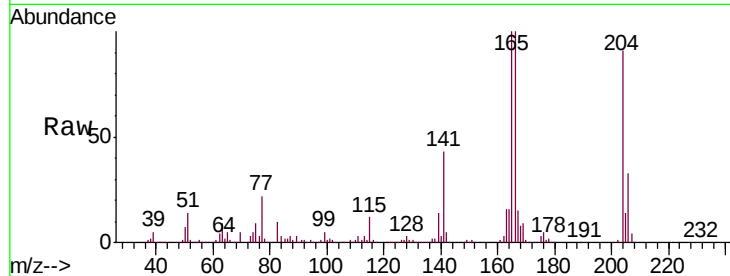
#61
4-Chlorophenyl-phenylether
Concen: 42.956 ng
RT: 15.71 min Scan# 2148
Delta R.T. 0.01 min
Lab File: BG042387.D
Acq: 21 Aug 2019 17:24

Instrument :
BNA_G
ClientSampleId :
0604-COMP-BH-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	421015		
206	35.8	27.5	41.3	
141	47.5	38.8	58.2	

Manual Integrations
APPROVED

Jagrut
8/22/2019 1:58:55 PM

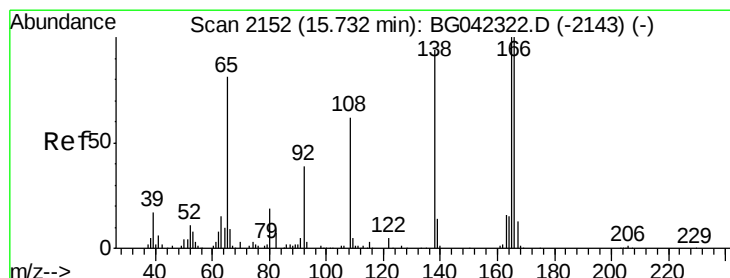
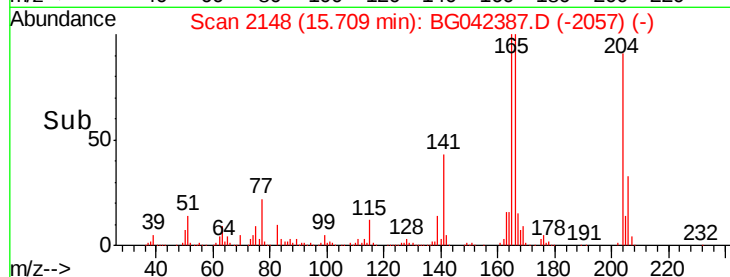
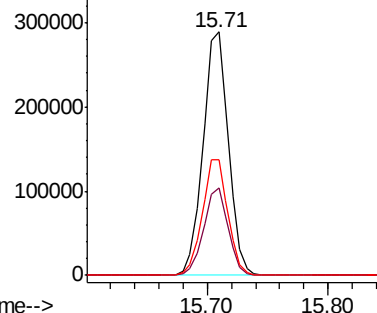


Abundance

Ion 204.00 (203.70 to 204.70): E

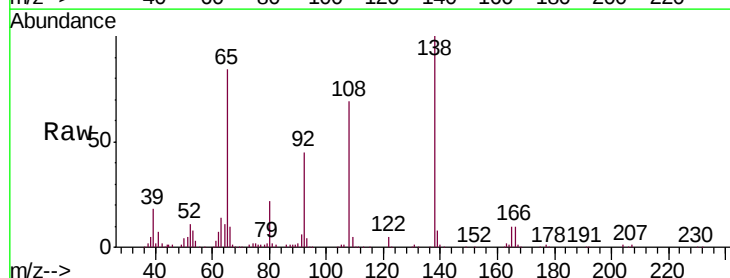
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 46.681 ng
RT: 15.74 min Scan# 2154
Delta R.T. 0.01 min
Lab File: BG042387.D
Acq: 21 Aug 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	194799		
92	44.5	21.5	61.5	
108	69.4	45.7	85.7	

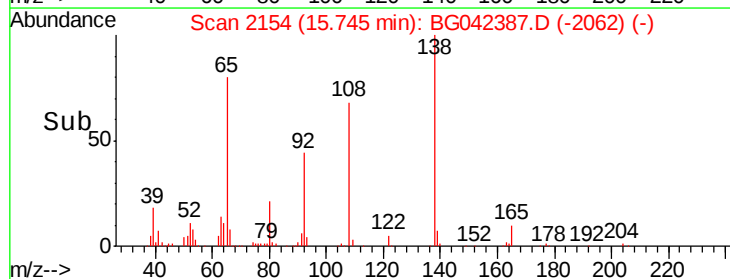
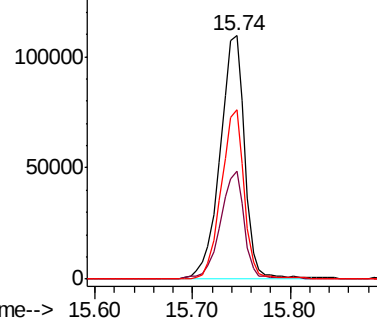


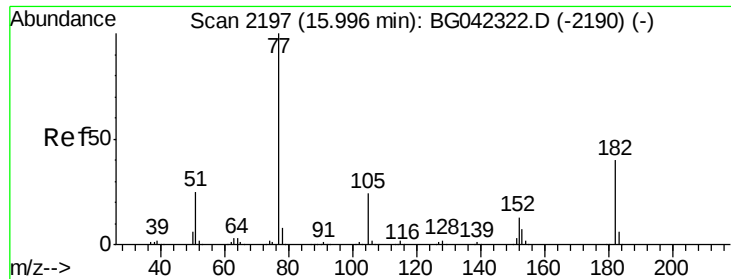
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 43.915 ng

RT: 16.00 min Scan# 2198

Delta R.T. 0.01 min

Lab File: BG042387.D

Acq: 21 Aug 2019 17:24

Instrument :

BNA_G

ClientSampleId :

0604-COMP-BH-6MSD

Tot Ion: 77 Resp: 508065

Ion Ratio Lower Upper

77 100

182 43.3 19.7 59.7

105 22.9 3.5 43.5

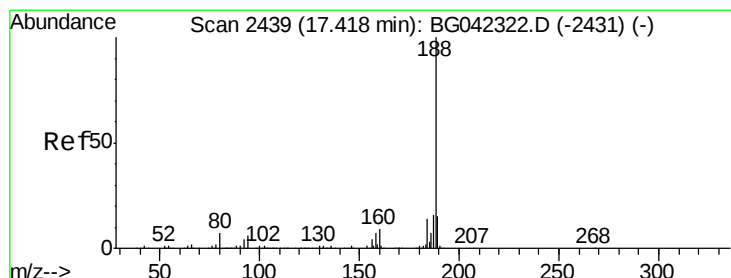
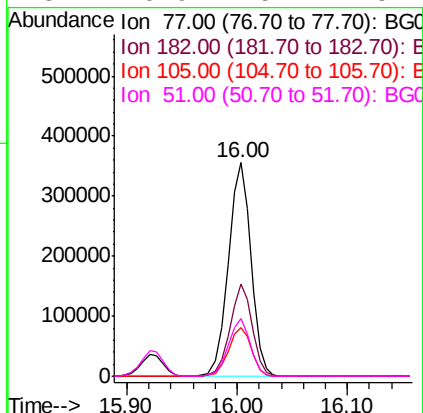
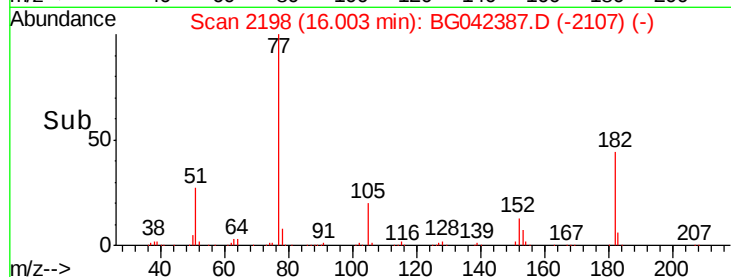
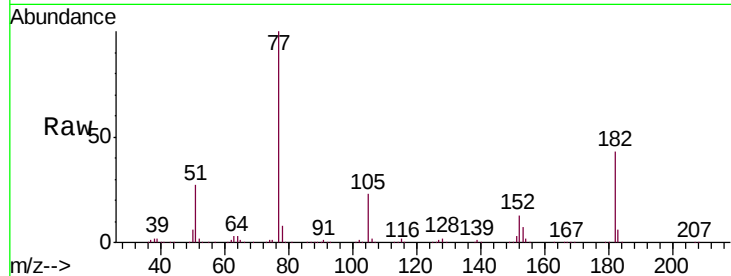
51 26.9 5.4 45.4

Manual Integrations

APPROVED

Jagrut

8/22/2019 1:58:55 PM



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. 0.00 min

Lab File: BG042387.D

Acq: 21 Aug 2019 17:24

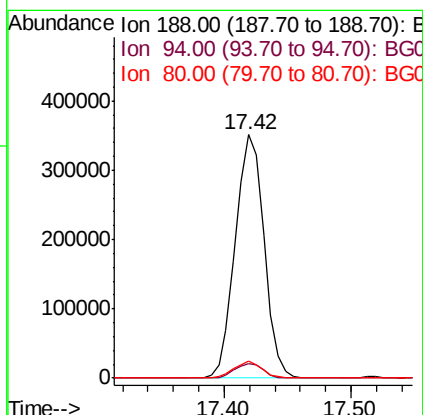
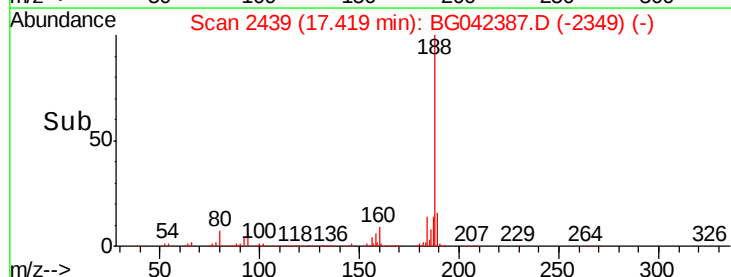
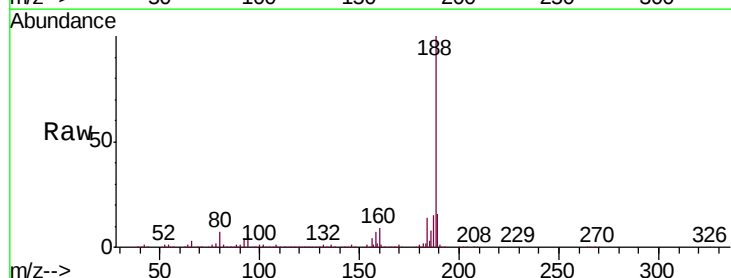
Tgt Ion: 188 Resp: 551450

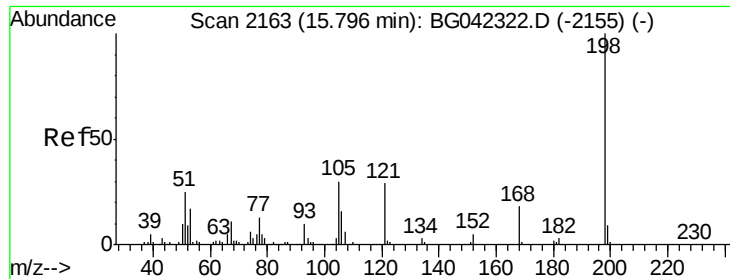
Ion Ratio Lower Upper

188 100

94 6.1 4.9 7.3

80 6.8 5.4 8.0





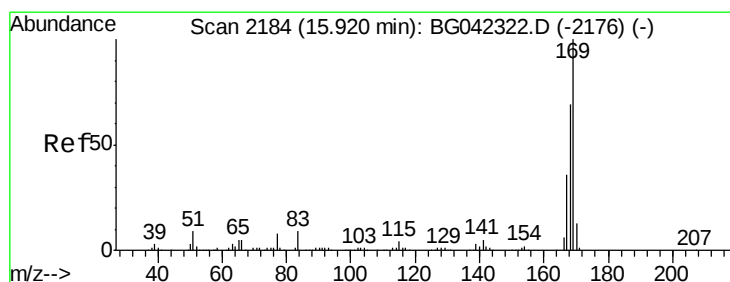
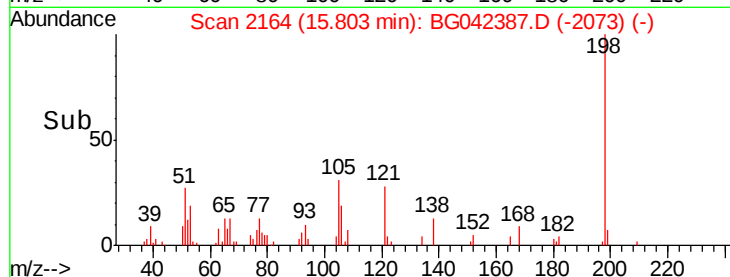
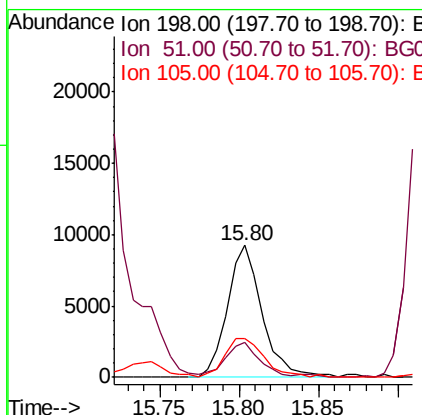
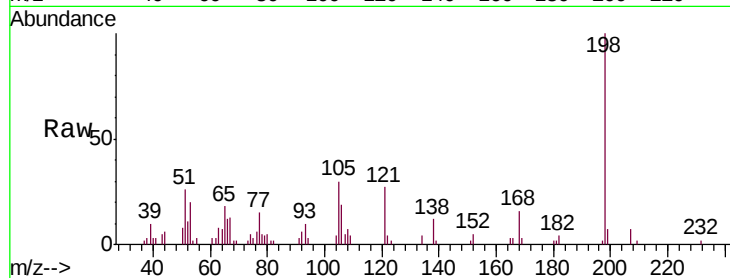
#65
4,6-Dinitro-2-methylphenol
Concen: 4.175 ng
RT: 15.80 min Scan# 2164
Delta R.T. 0.01 min
Lab File: BG042387.D
Acq: 21 Aug 2019 17:24

Instrument :
BNA_G
ClientSampleId :
0604-COMP-BH-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	14049		
51	26.1		6.4	46.4
105	29.6		10.0	50.0

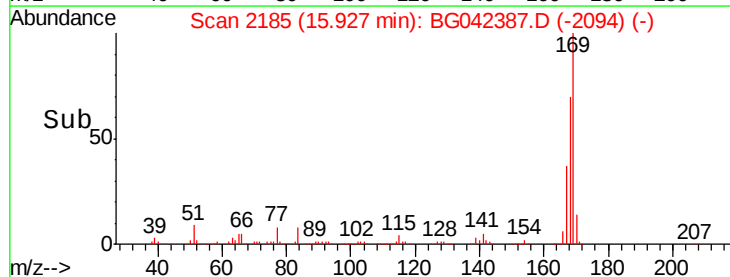
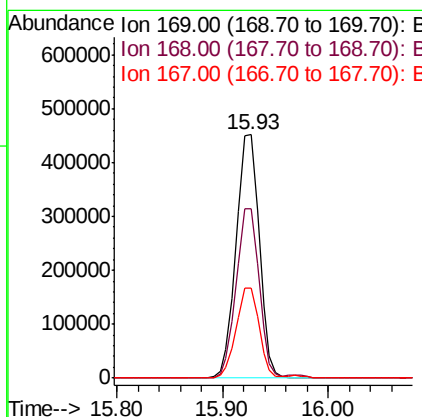
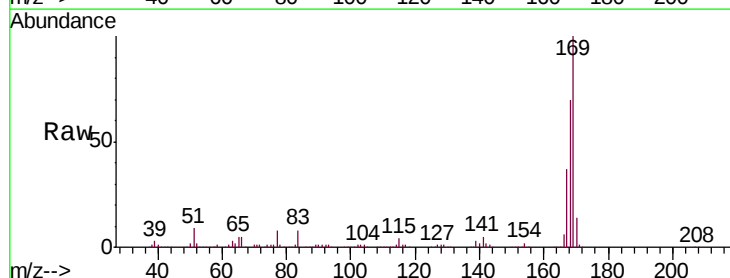
Manual Integrations
APPROVED

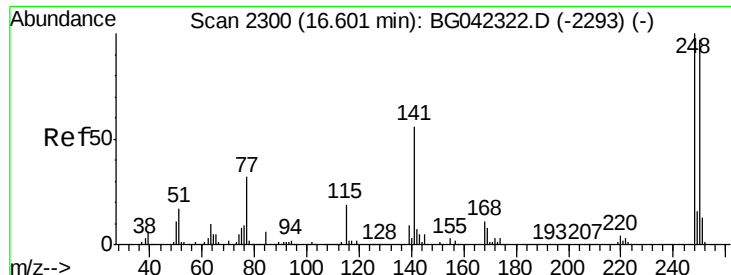
Jagrut
8/22/2019 1:58:55 PM



#66
n-Nitrosodiphenylamine
Concen: 44.178 ng
RT: 15.93 min Scan# 2185
Delta R.T. 0.01 min
Lab File: BG042387.D
Acq: 21 Aug 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	681689		
168	69.8		55.5	83.3
167	36.8		28.9	43.3





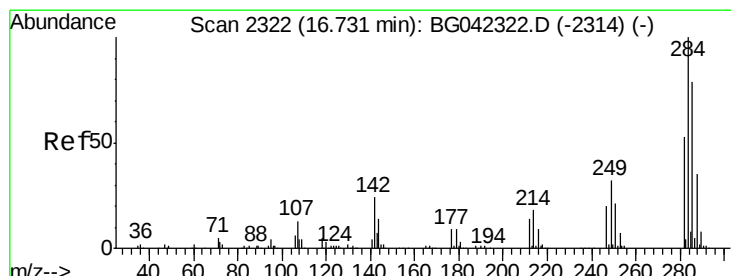
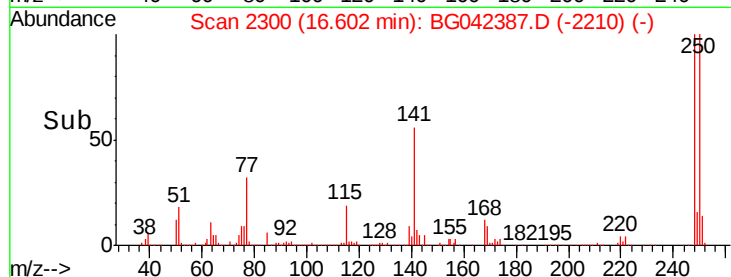
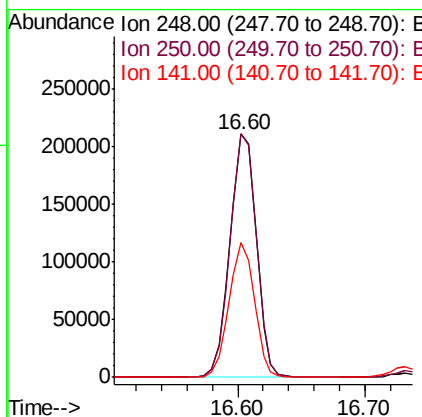
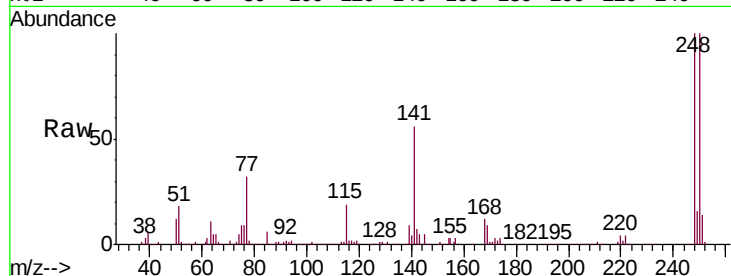
#67
 4-Bromophenyl-phenylether
 Concen: 43.203 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: BG042387.D
 Acq: 21 Aug 2019 17:24

Instrument :
 BNA_G
 ClientSampleId :
 0604-COMP-BH-6MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.9	78.0	117.0
141	55.5	44.9	67.3

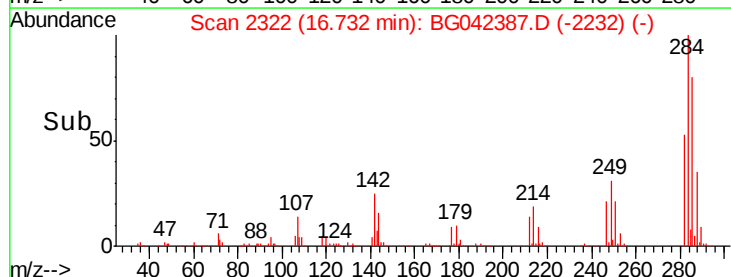
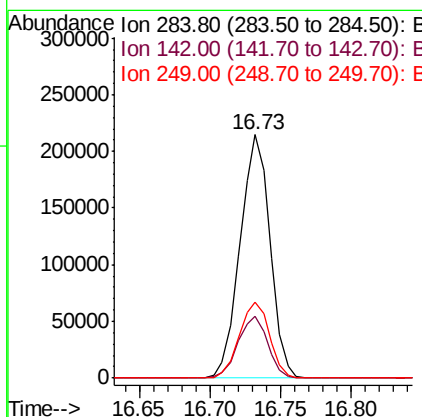
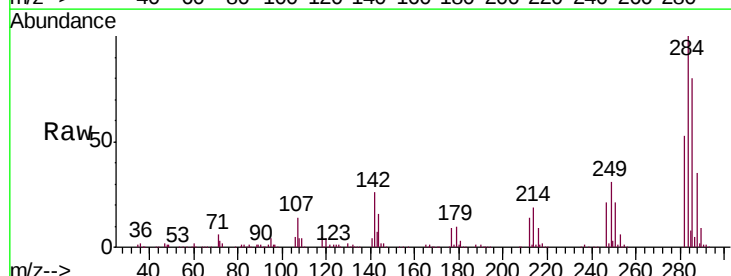
Manual Integrations
 APPROVED

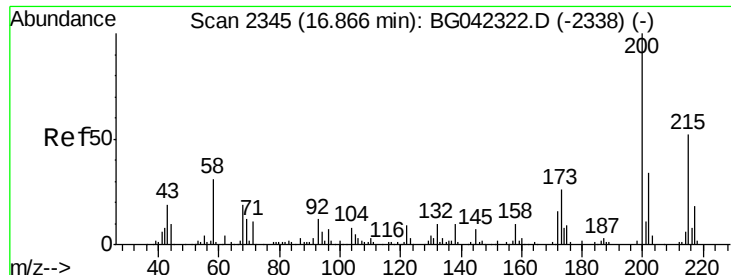
Jagrut
 8/22/2019 1:58:55 PM



#68
 Hexachlorobenzene
 Concen: 42.260 ng
 RT: 16.73 min Scan# 2322
 Delta R.T. 0.00 min
 Lab File: BG042387.D
 Acq: 21 Aug 2019 17:24

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.5	19.0	28.4
249	31.4	25.9	38.9





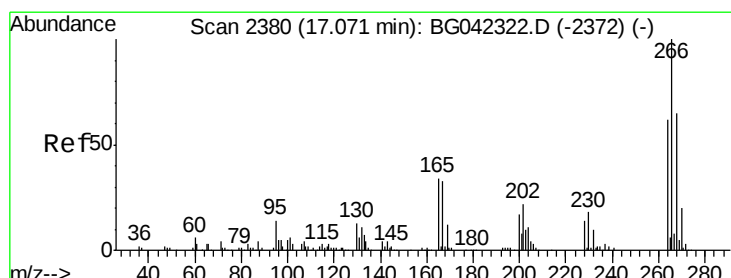
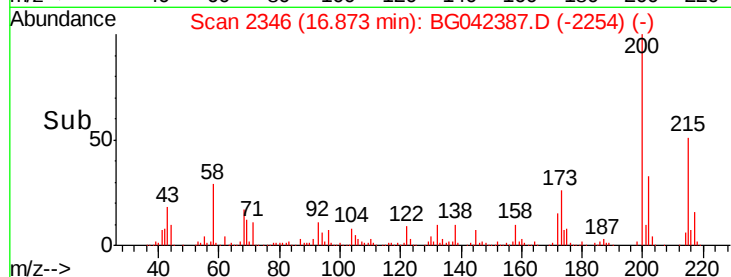
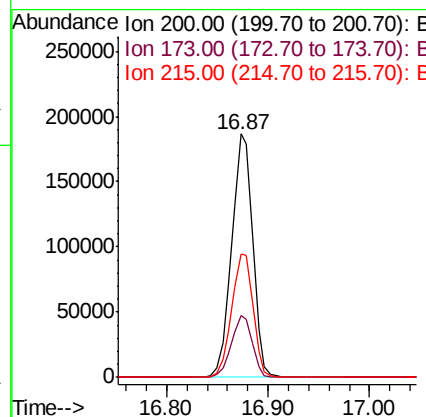
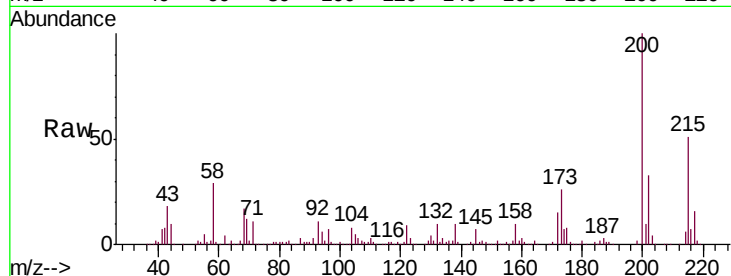
#69
 Atrazine
 Concen: 50.786 ng
 RT: 16.87 min Scan# 2346
 Delta R.T. 0.01 min
 Lab File: BG042387.D
 Acq: 21 Aug 2019 17:24

Instrument :
 BNA_G
 ClientSampleId :
 0604-COMP-BH-6MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.7	6.0	46.0
215	50.9	32.4	72.4

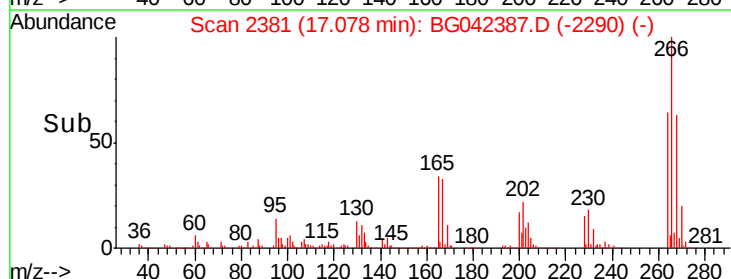
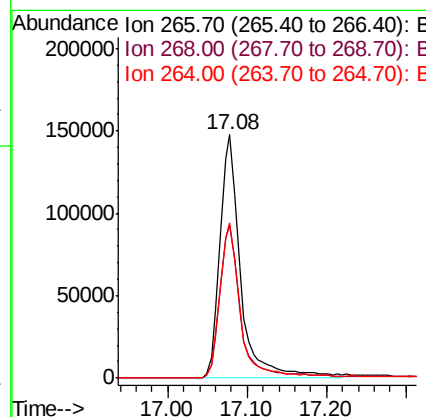
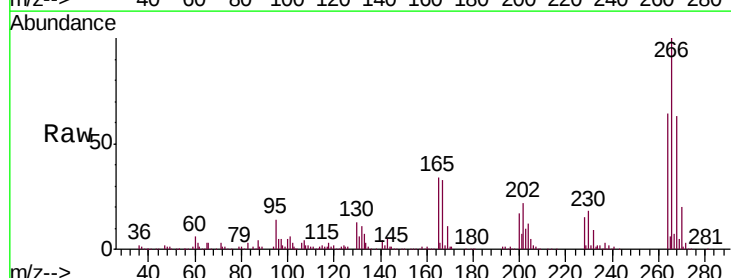
Manual Integrations
 APPROVED

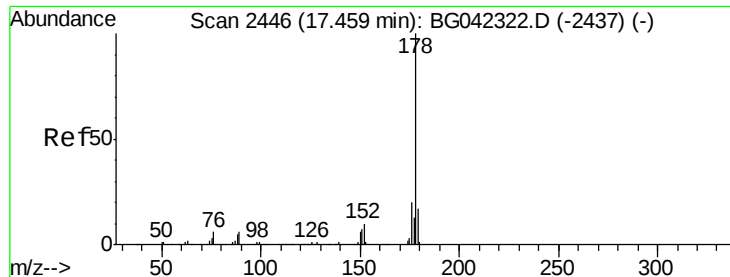
Jagrut
 8/22/2019 1:58:55 PM



#70
 Pentachlorophenol
 Concen: 67.399 ng
 RT: 17.08 min Scan# 2381
 Delta R.T. 0.01 min
 Lab File: BG042387.D
 Acq: 21 Aug 2019 17:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.9	51.6	77.4
264	63.5	49.5	74.3





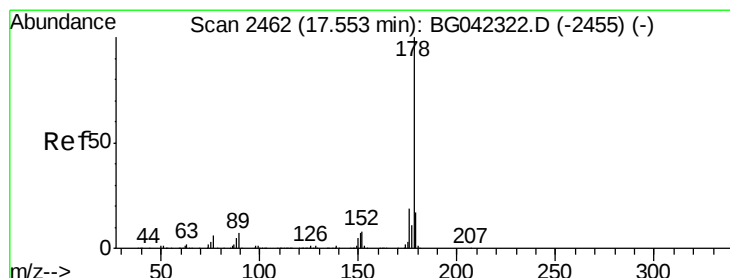
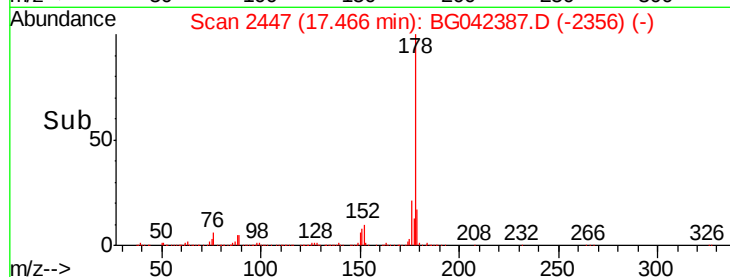
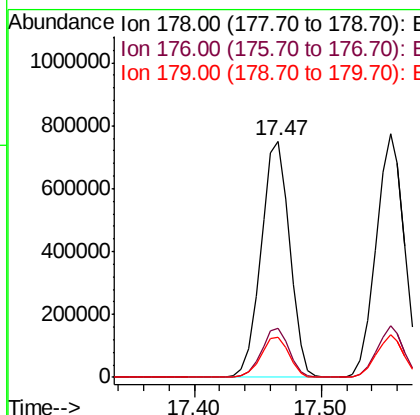
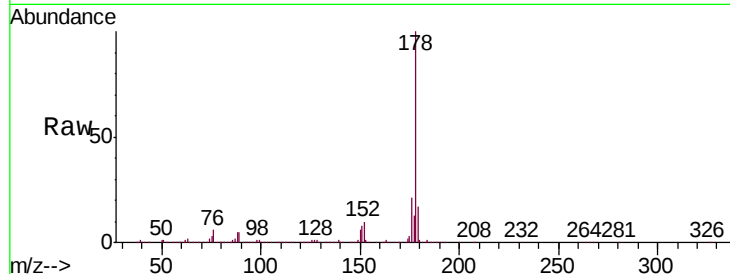
#71
Phenanthrene
Concen: 42.811 ng
RT: 17.47 min Scan# 2447
Delta R.T. 0.01 min
Lab File: BG042387.D
Acq: 21 Aug 2019 17:24

Instrument :
BNA_G
ClientSampleId :
0604-COMP-BH-6MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.2	24.4
179	17.2	13.7	20.5

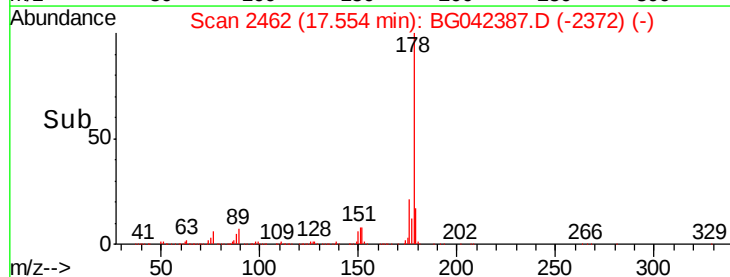
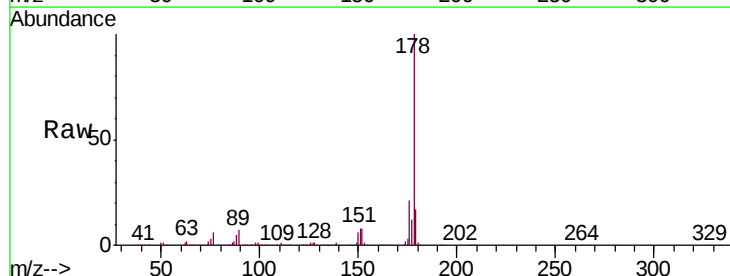
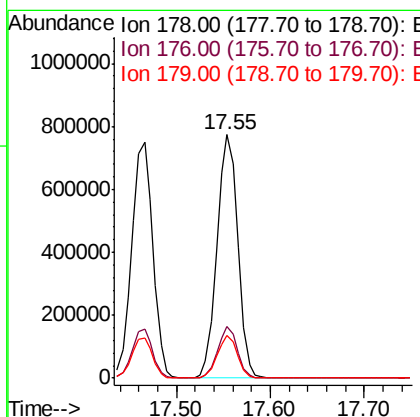
Manual Integrations
APPROVED

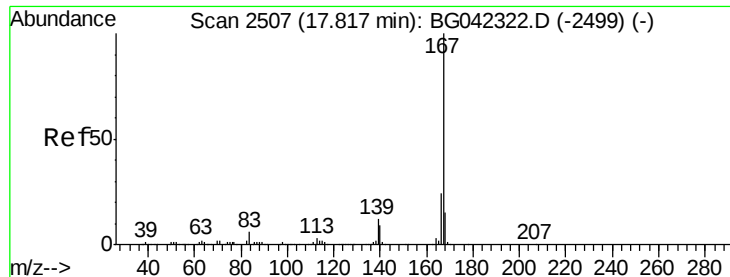
Jagrut
8/22/2019 1:58:55 PM



#72
Anthracene
Concen: 43.788 ng
RT: 17.55 min Scan# 2462
Delta R.T. 0.00 min
Lab File: BG042387.D
Acq: 21 Aug 2019 17:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.1	15.5	23.3
179	17.3	13.6	20.4





#73

Carbazole

Concen: 43.397 ng

RT: 17.82 min Scan# 2508

Delta R.T. 0.01 min

Lab File: BG042387.D

Acq: 21 Aug 2019 17:24

Instrument :

BNA_G

ClientSampleId :

0604-COMP-BH-6MSD

Tot Ion:167 Resp: 1055927

Ion Ratio Lower Upper

167 100

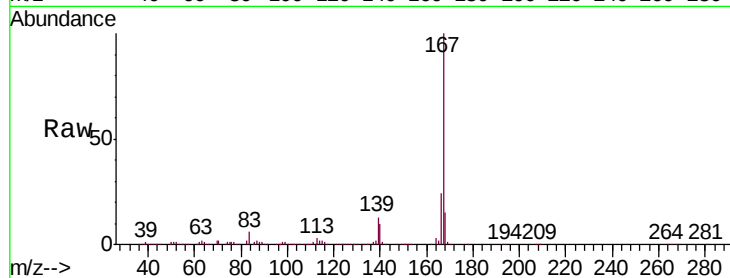
166 24.5 19.0 28.6

139 12.8 9.7 14.5

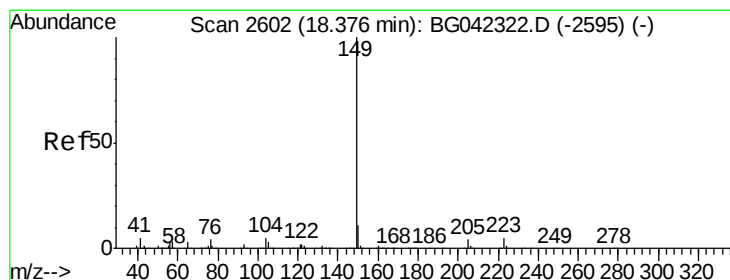
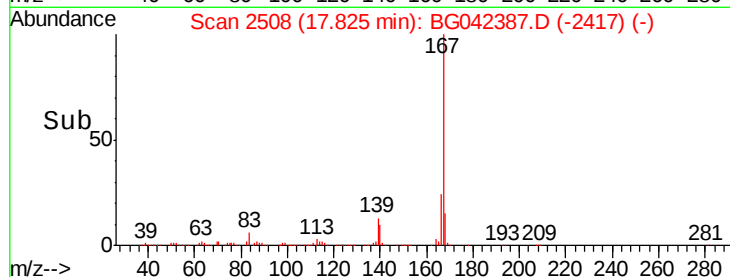
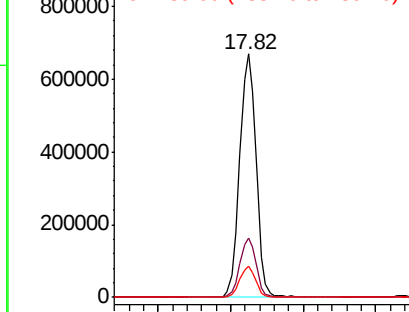
Manual Integrations
APPROVED

Jagrut

8/22/2019 1:58:55 PM



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.222 ng

RT: 18.38 min Scan# 2603

Delta R.T. 0.01 min

Lab File: BG042387.D

Acq: 21 Aug 2019 17:24

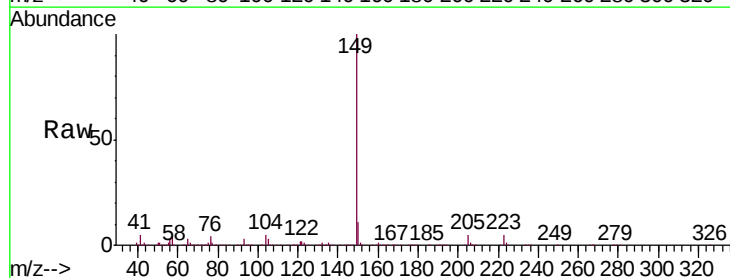
Tgt Ion:149 Resp: 1198370

Ion Ratio Lower Upper

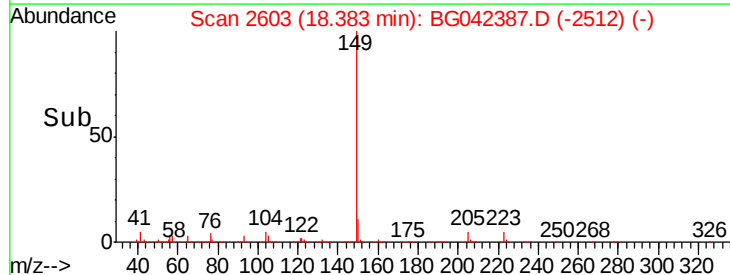
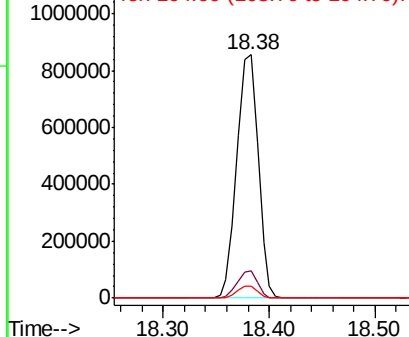
149 100

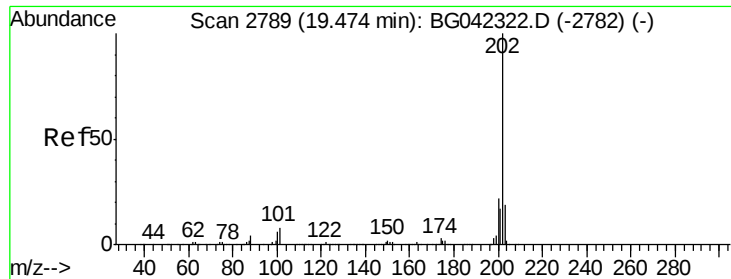
150 11.0 8.4 12.6

104 5.0 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.172 ng

RT: 19.48 min Scan# 2789

Delta R.T. 0.00 min

Lab File: BG042387.D

Acq: 21 Aug 2019 17:24

Instrument :

BNA_G

ClientSampleId :

0604-COMP-BH-6MSD

Tot Ion:202 Resp: 1297329

Ion Ratio Lower Upper

202 100

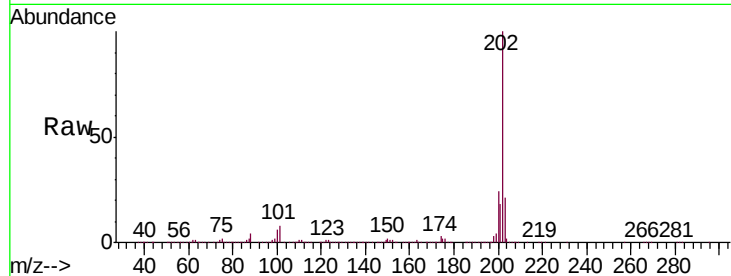
101 8.2 0.0 28.0

203 20.8 0.0 39.1

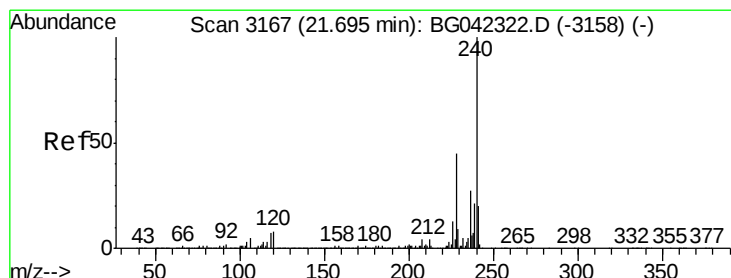
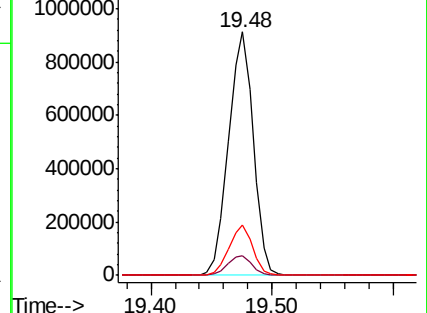
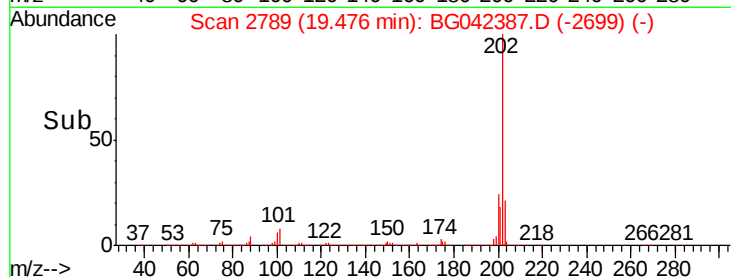
Manual Integrations
APPROVED

Jagrut

8/22/2019 1:58:55 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. 0.00 min

Lab File: BG042387.D

Acq: 21 Aug 2019 17:24

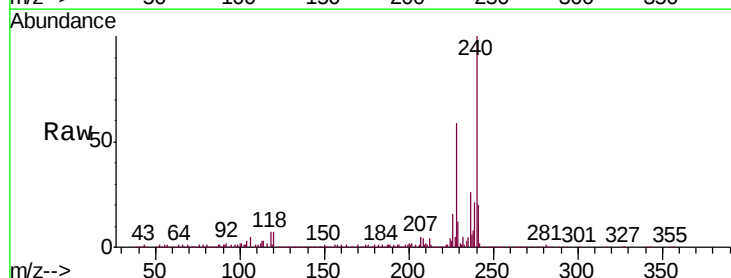
Tgt Ion:240 Resp: 412884

Ion Ratio Lower Upper

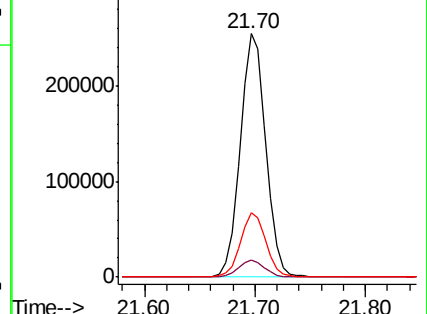
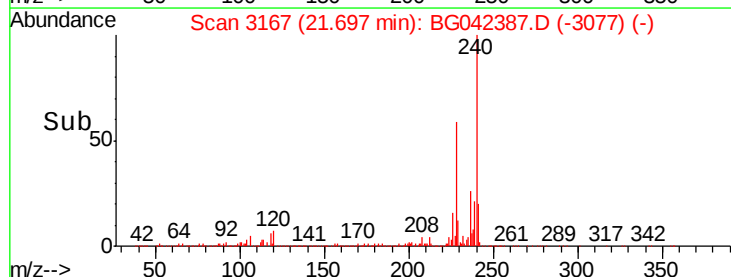
240 100

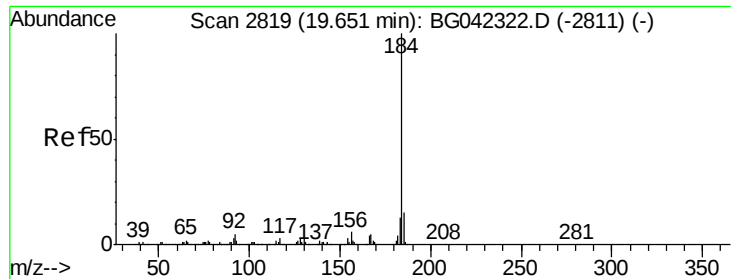
120 6.8 6.0 9.0

236 26.3 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.615 ng

RT: 19.65 min Scan# 2819

Delta R.T. 0.00 min

Lab File: BG042387.D

Acq: 21 Aug 2019 17:24

Instrument :

BNA_G

ClientSampleId :

0604-COMP-BH-6MSD

Tot Ion:184 Resp: 411775

Ion Ratio Lower Upper

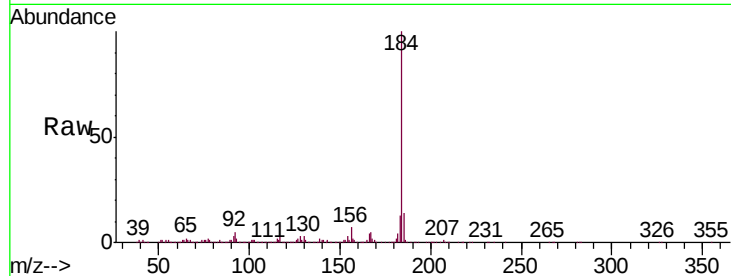
184 100

185 14.4 11.8 17.6

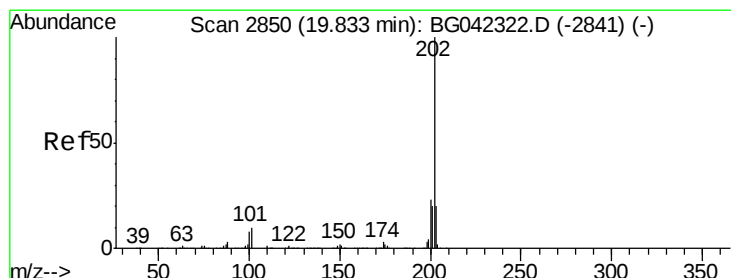
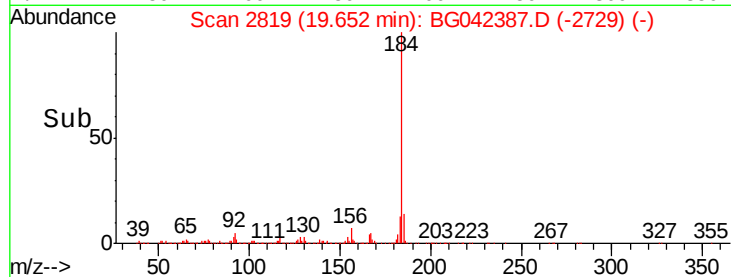
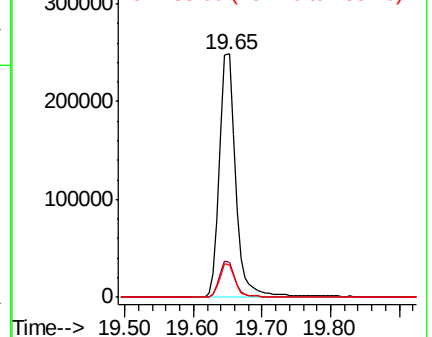
183 13.4 10.6 15.8

Manual Integrations
APPROVED

Jagrut
8/22/2019 1:58:55 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: 50.311 ng

RT: 19.83 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG042387.D

Acq: 21 Aug 2019 17:24

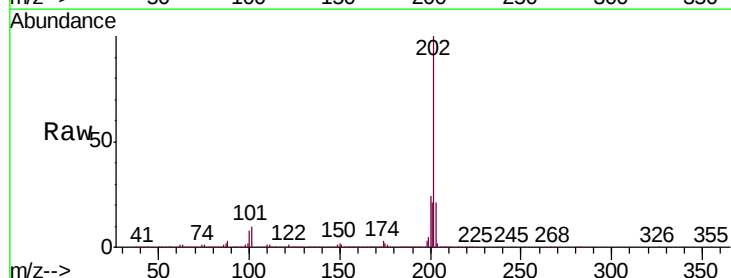
Tgt Ion:202 Resp: 1278171

Ion Ratio Lower Upper

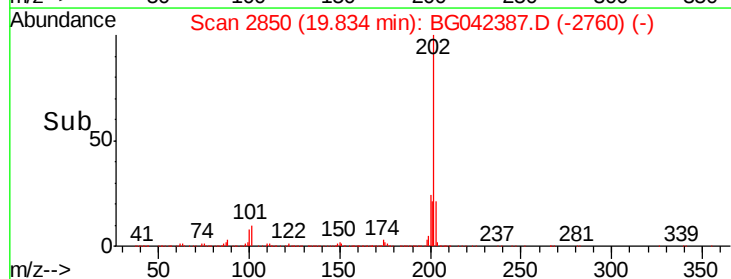
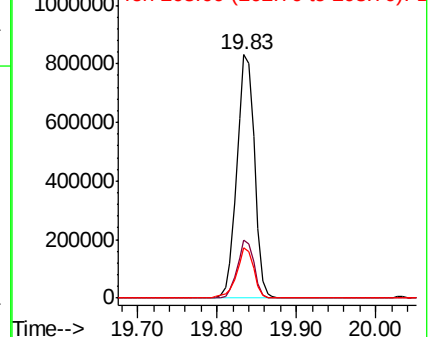
202 100

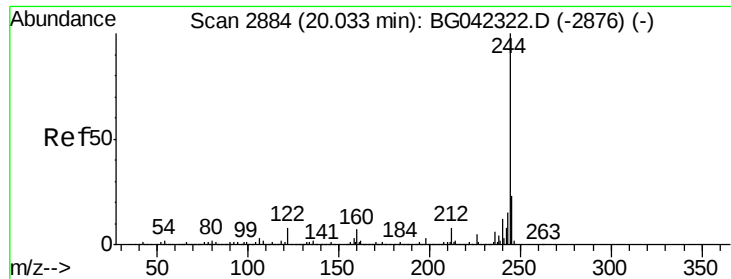
200 23.9 18.1 27.1

203 20.6 15.8 23.8



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





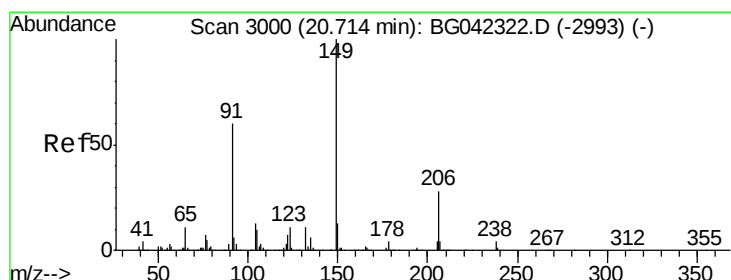
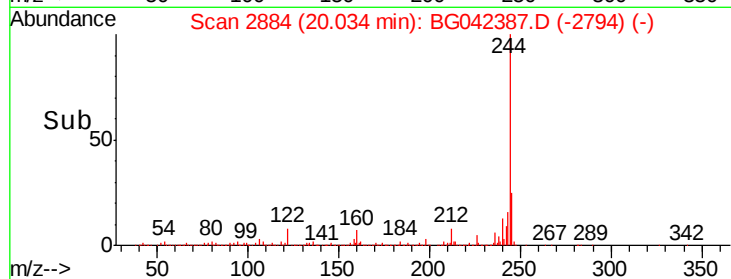
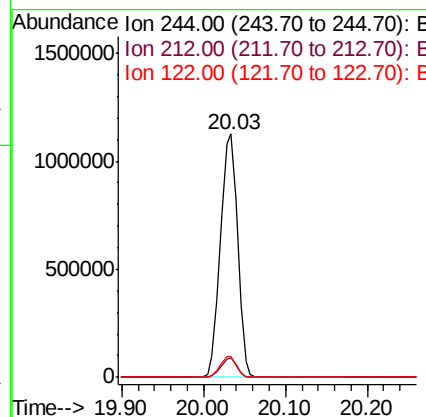
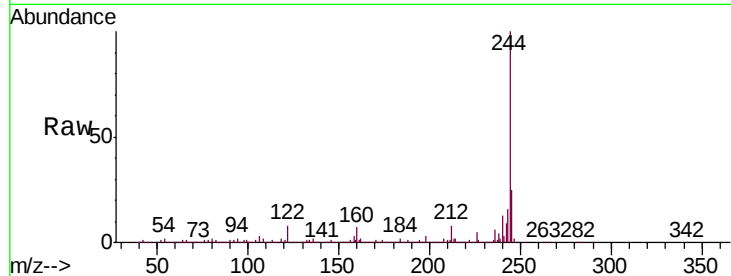
#79
 Terphenyl-d14
 Concen: 88.221 ng
 RT: 20.03 min Scan# 2884
 Delta R.T. 0.00 min
 Lab File: BG042387.D
 Acq: 21 Aug 2019 17:24

Instrument :
 BNA_G
 ClientSampleId :
 0604-COMP-BH-6MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.4	9.6
122	8.4	6.6	10.0

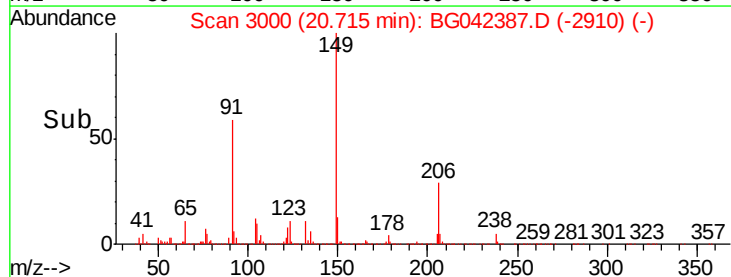
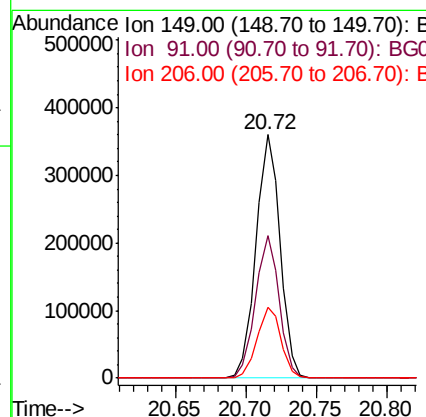
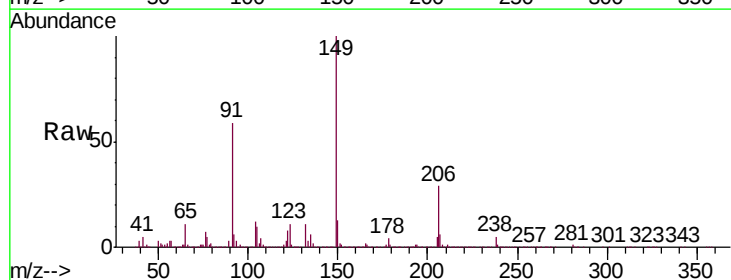
Manual Integrations
 APPROVED

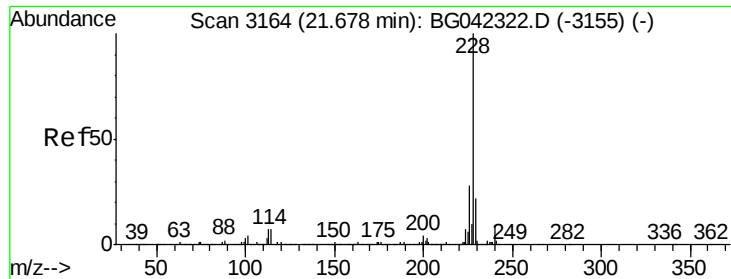
Jagrut
 8/22/2019 1:58:55 PM



#80
 Butylbenzylphthalate
 Concen: 42.976 ng
 RT: 20.72 min Scan# 3000
 Delta R.T. 0.00 min
 Lab File: BG042387.D
 Acq: 21 Aug 2019 17:24

Tgt Ion	Ratio	Lower	Upper
149	100		
91	58.7	47.8	71.6
206	29.1	22.6	33.8





#81

Benzo(a)anthracene

Concen: 42.466 ng

RT: 21.68 min Scan# 3164

Delta R.T. 0.00 min

Lab File: BG042387.D

Acq: 21 Aug 2019 17:24

Instrument :

BNA_G

ClientSampleId :

0604-COMP-BH-6MSD

Tot Ion:228 Resp: 1076750

Ion Ratio Lower Upper

228 100

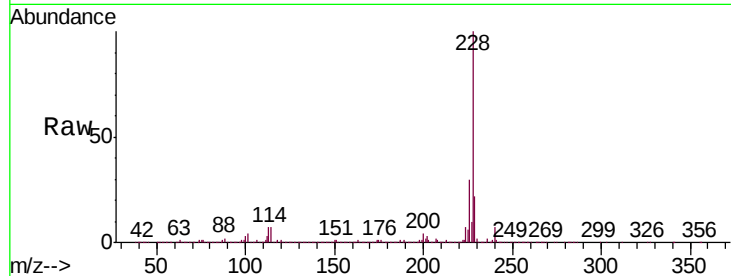
226 29.9 22.7 34.1

229 22.3 17.4 26.2

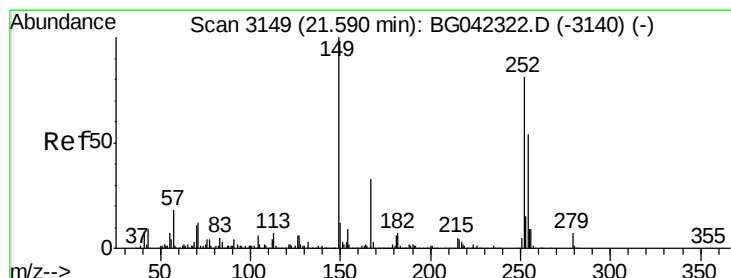
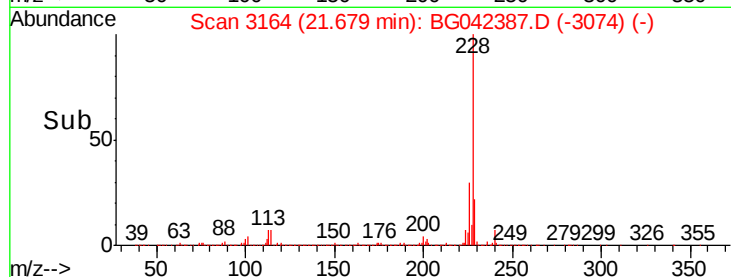
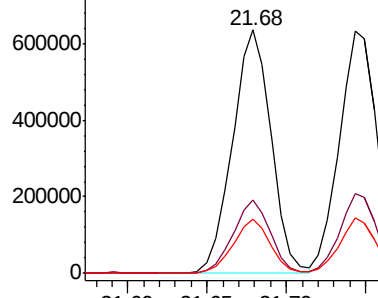
Manual Integrations
APPROVED

Jagrut

8/22/2019 1:58:55 PM



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 28.325 ng

RT: 21.59 min Scan# 3149

Delta R.T. 0.00 min

Lab File: BG042387.D

Acq: 21 Aug 2019 17:24

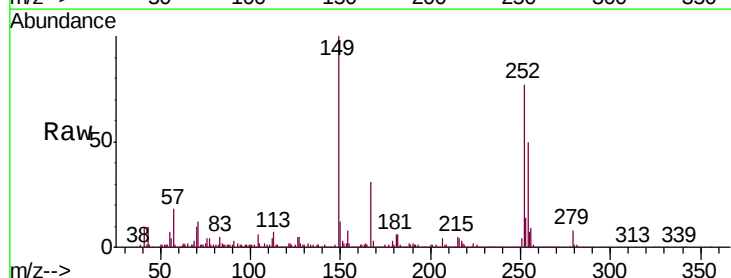
Tgt Ion:252 Resp: 285864

Ion Ratio Lower Upper

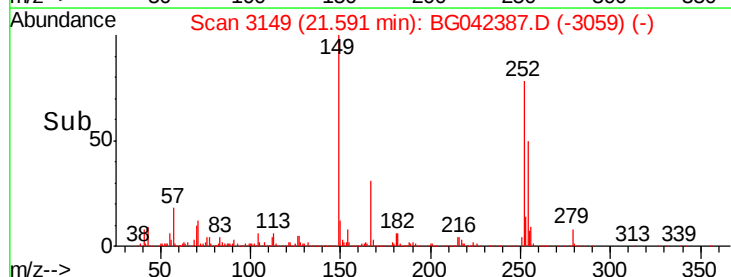
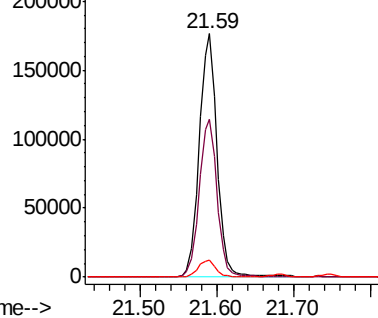
252 100

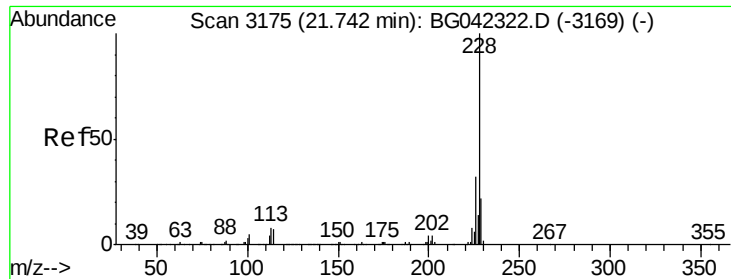
254 64.7 53.0 79.6

126 6.9 6.2 9.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





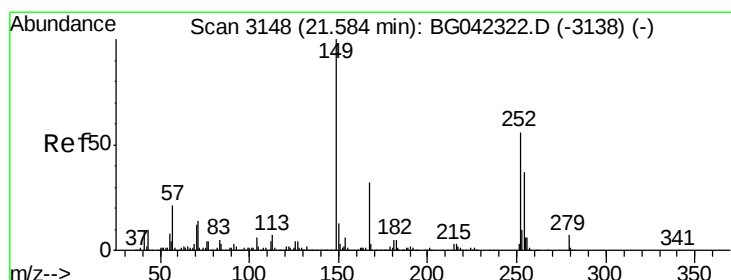
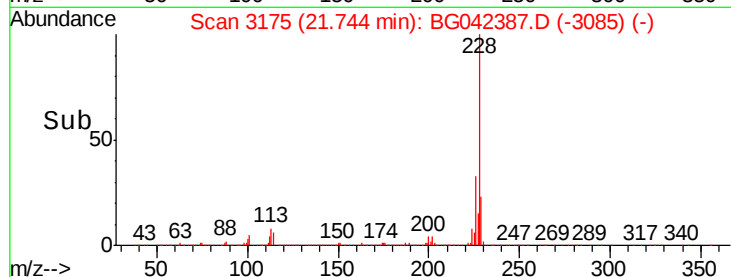
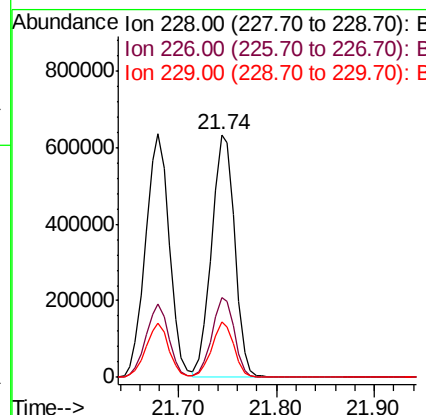
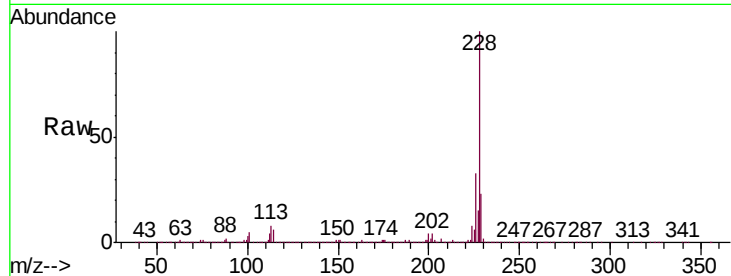
#83
Chrysene
Concen: 42.771 ng
RT: 21.74 min Scan# 3175
Delta R.T. 0.00 min
Lab File: BG042387.D
Acq: 21 Aug 2019 17:24

Instrument :
BNA_G
ClientSampleId :
0604-COMP-BH-6MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.0	25.6	38.4
229	22.7	17.8	26.6

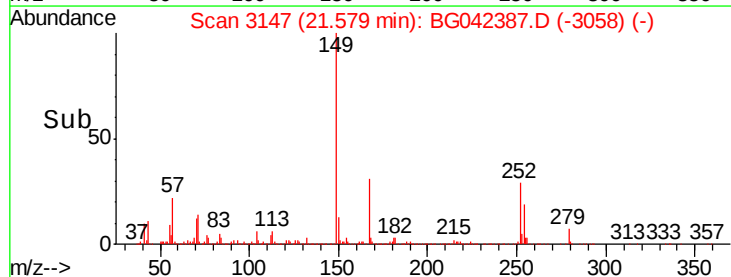
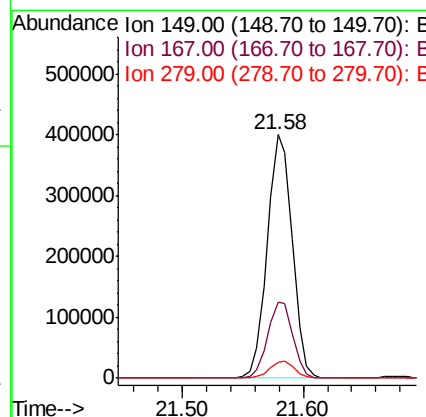
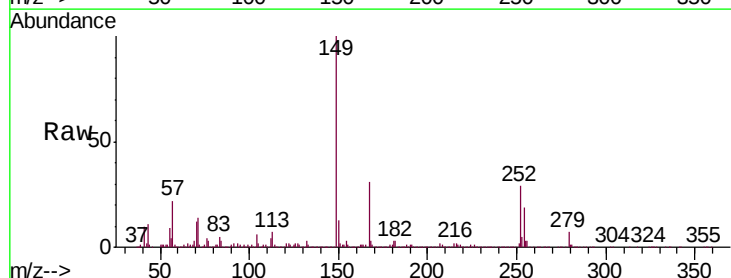
Manual Integrations
APPROVED

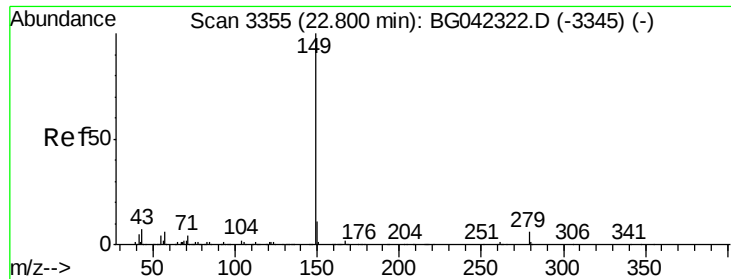
Jagrut
8/22/2019 1:58:55 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.424 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.00 min
Lab File: BG042387.D
Acq: 21 Aug 2019 17:24

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.4	25.4	38.0
279	6.6	5.8	8.6





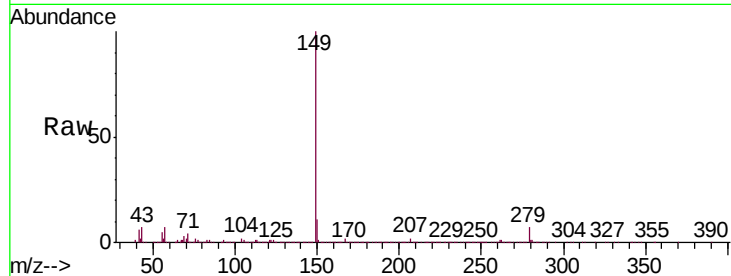
#85
Di-n-octyl phthalate
Concen: 41.283 ng
RT: 22.80 min Scan# 3355
Delta R.T. 0.00 min
Lab File: BG042387.D
Acq: 21 Aug 2019 17:24

Instrument :
BNA_G
ClientSampleId :
0604-COMP-BH-6MSD

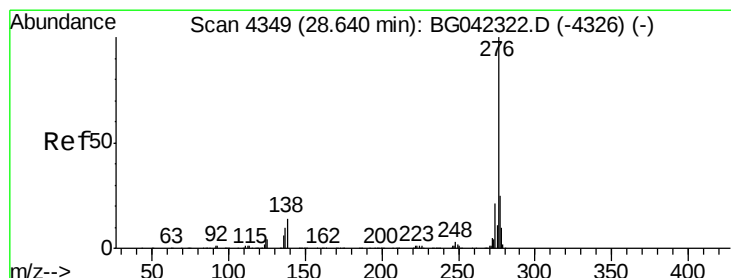
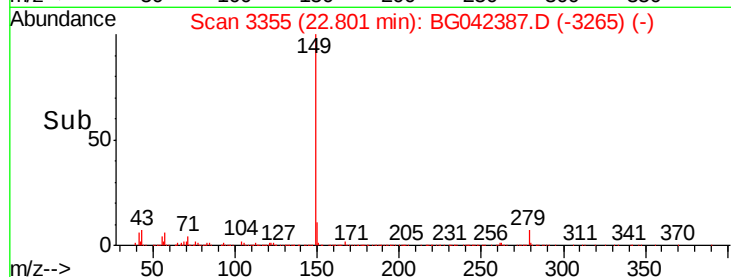
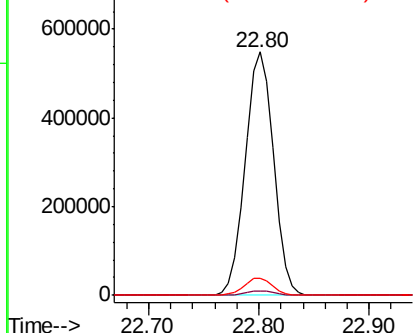
Tot Ion	Ratio	Resp	Lower	Upper
149	100	988614		
167	1.9		1.4	2.2
43	6.7		5.4	8.2

Manual Integrations
APPROVED

Jagrut
8/22/2019 1:58:55 PM

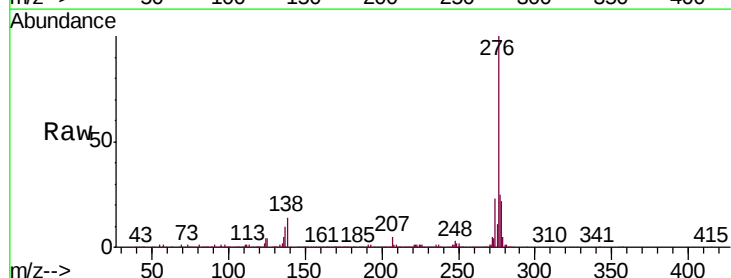


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

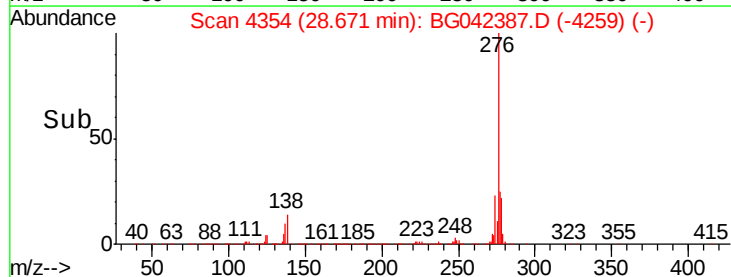
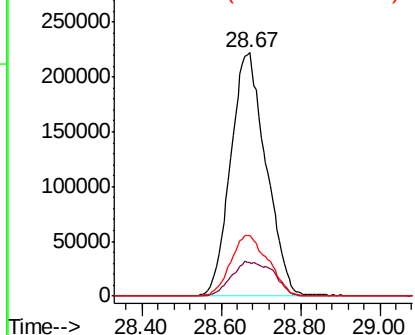


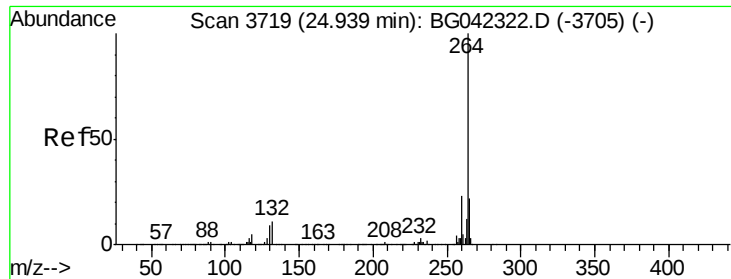
#86
Indeno(1,2,3-cd)pyrene
Concen: 42.636 ng
RT: 28.67 min Scan# 4354
Delta R.T. 0.03 min
Lab File: BG042387.D
Acq: 21 Aug 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	1380813		
138	16.9		14.5	21.7
277	26.4		21.0	31.4



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





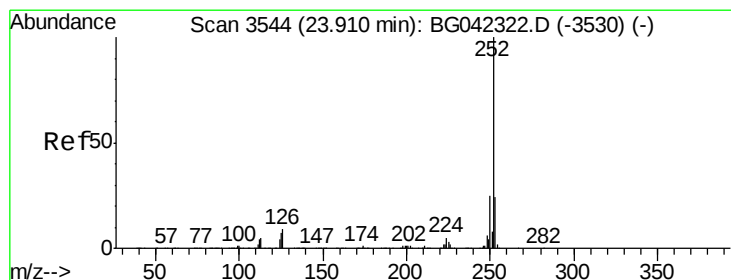
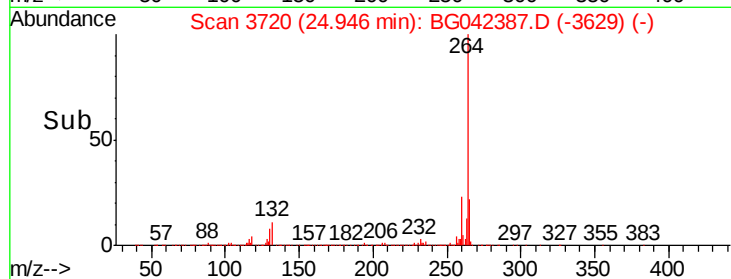
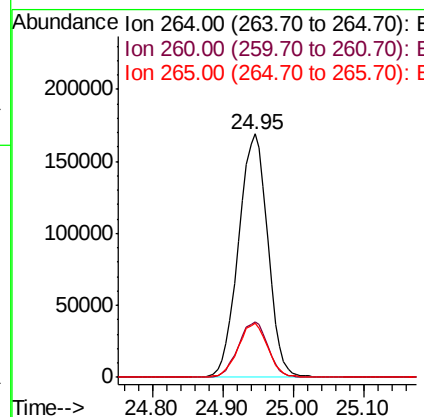
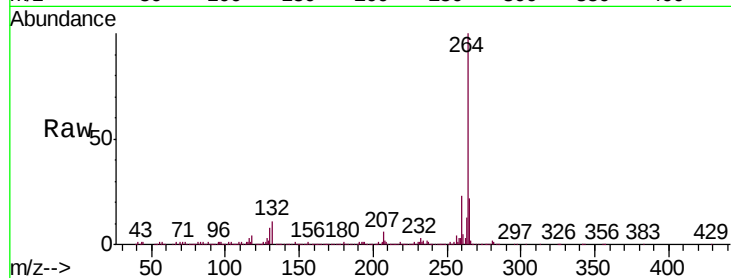
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.95 min Scan# 3720
Delta R.T. 0.01 min
Lab File: BG042387.D
Acq: 21 Aug 2019 17:24

Instrument :
BNA_G
ClientSampleId :
0604-COMP-BH-6MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.4	27.6
265	22.0	17.4	26.0

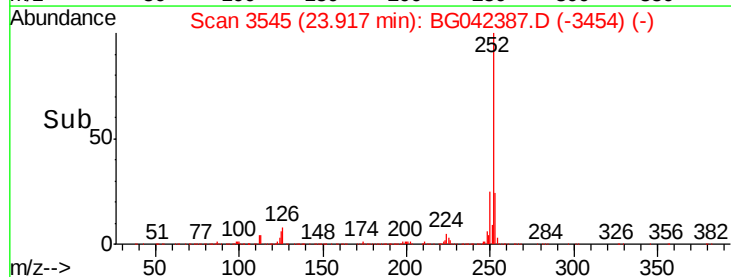
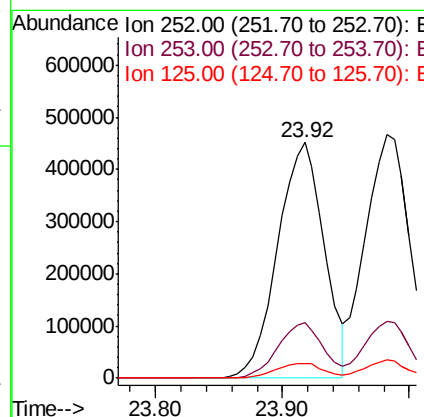
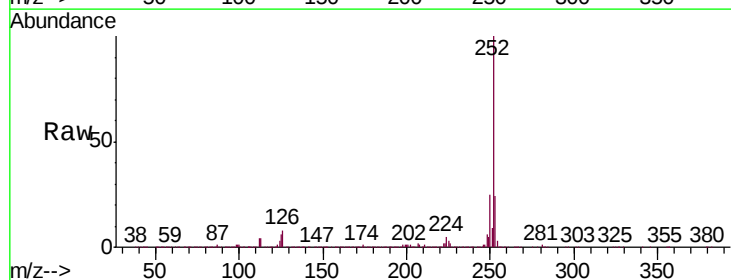
Manual Integrations
APPROVED

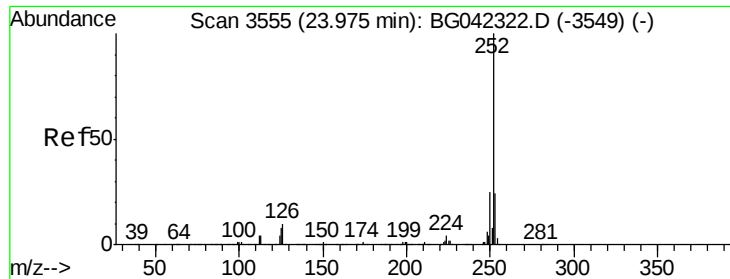
Jagrut
8/22/2019 1:58:55 PM



#88
Benzo(b)fluoranthene
Concen: 42.718 ng
RT: 23.92 min Scan# 3545
Delta R.T. 0.01 min
Lab File: BG042387.D
Acq: 21 Aug 2019 17:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.9	28.3
125	6.2	5.8	8.6





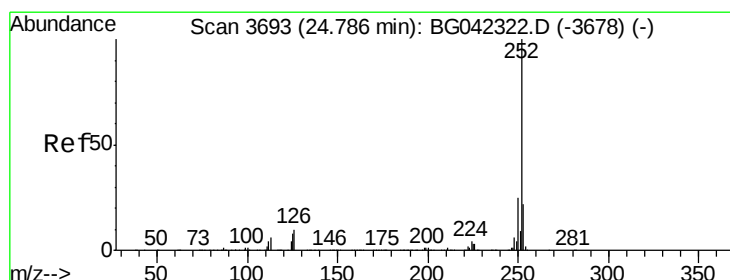
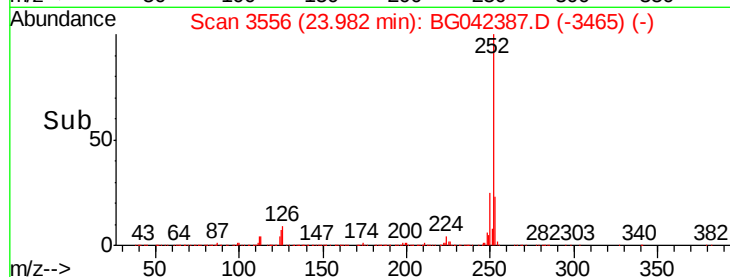
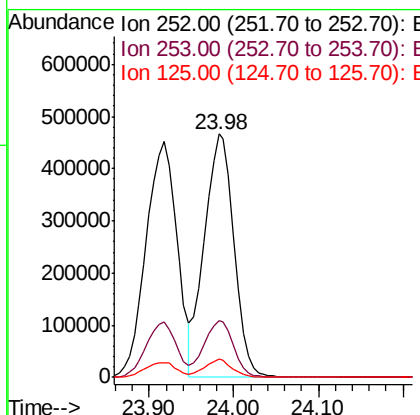
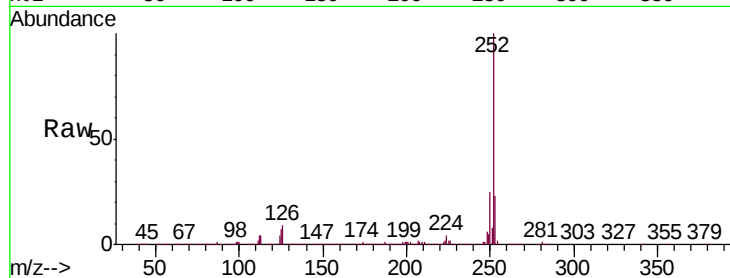
#89
Benzo(k)fluoranthene
Concen: 43.219 ng
RT: 23.98 min Scan# 3556
Delta R.T. 0.01 min
Lab File: BG042387.D
Acq: 21 Aug 2019 17:24

Instrument :
BNA_G
ClientSampleId :
0604-COMP-BH-6MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.0	28.4
125	7.4	6.0	9.0

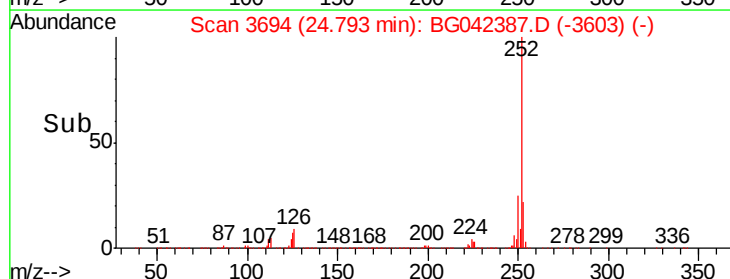
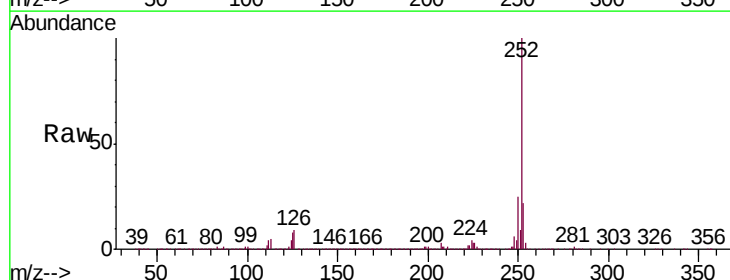
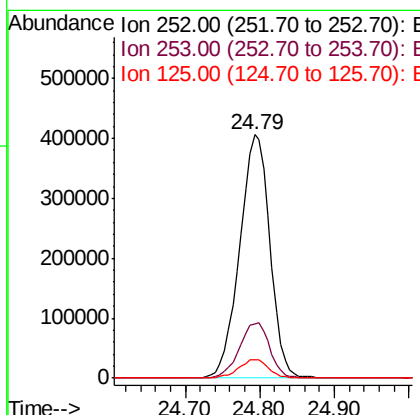
Manual Integrations
APPROVED

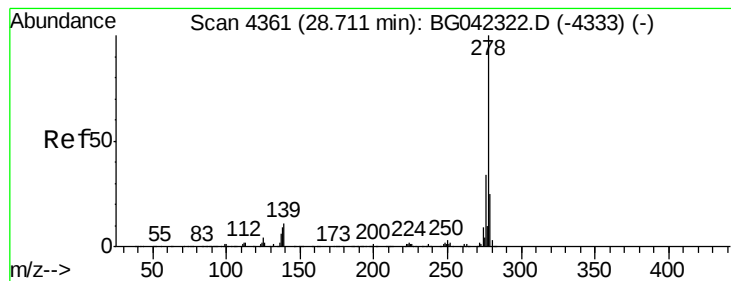
Jagrut
8/22/2019 1:58:55 PM



#90
Benzo(a)pyrene
Concen: 44.281 ng
RT: 24.79 min Scan# 3694
Delta R.T. 0.01 min
Lab File: BG042387.D
Acq: 21 Aug 2019 17:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	7.5	6.7	10.1





#91

Dibenzo(a,h)anthracene

Concen: 44.568 ng

RT: 28.72 min Scan# 4363

Delta R.T. 0.01 min

Lab File: BG042387.D

Acq: 21 Aug 2019 17:24

Instrument :

BNA_G

ClientSampleId :

0604-COMP-BH-6MSD

Tot Ion:278 Resp: 1145073

Ion Ratio Lower Upper

278 100

139 10.2 8.5 12.7

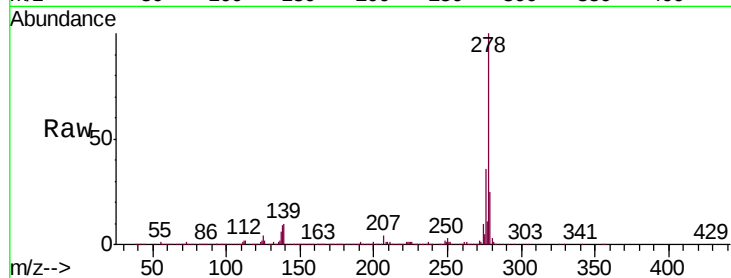
279 25.3 19.8 29.8

Manual Integrations

APPROVED

Jagrut

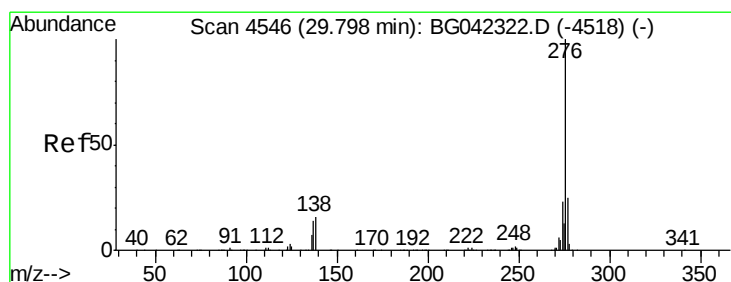
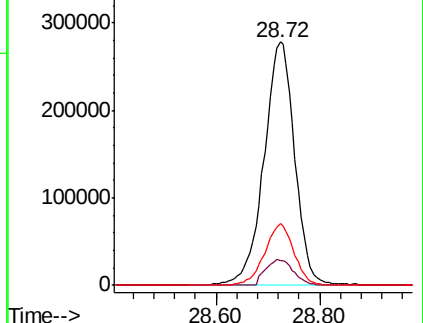
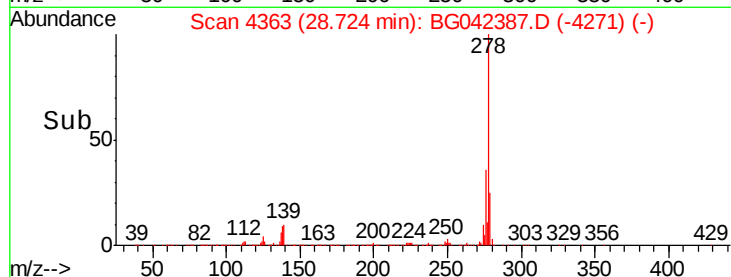
8/22/2019 1:58:55 PM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 44.868 ng

RT: 29.82 min Scan# 4550

Delta R.T. 0.02 min

Lab File: BG042387.D

Acq: 21 Aug 2019 17:24

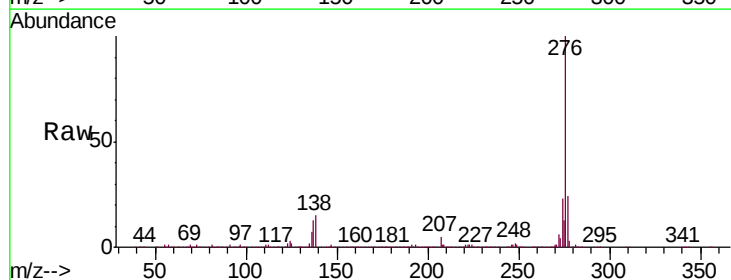
Tgt Ion:276 Resp: 1148737

Ion Ratio Lower Upper

276 100

277 24.2 19.8 29.8

138 14.5 12.8 19.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

