

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110719\
 Data File : BG043563.D
 Acq On : 8 Nov 2019 7:07
 Operator : JU
 Sample : K5675-04MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-110519MSD

Manual Integrations
 APPROVED

Sohil
 11/8/2019 3:33:06 PM

Quant Time: Nov 08 07:53:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	27751	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	105857	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	80469	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	205698	20.00	ng	0.00
76) Chrysene-d12	21.65	240	212206	20.00	ng	0.00
87) Perylene-d12	24.85	264	249814	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	214636	141.73	ng	0.01
7) Phenol-d6	7.21	99	291603	133.83	ng	0.02
23) Nitrobenzene-d5	9.17	82	181480	88.38	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	208625	136.24	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	475467	81.65	ng	0.00
79) Terphenyl-d14	19.99	244	1092332	96.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	22722	38.502	ng	# 33
3) Pyridine	3.89	79	48618	32.658	ng	96
4) n-Nitrosodimethylamine	3.79	42	35388	47.108	ng	# 92
6) Aniline	7.34	93	24307	9.684	ng	99
8) 2-Chlorophenol	7.58	128	81154	48.544	ng	96
9) Benzaldehyde	7.14	77	17520	16.362	ng	91
10) Phenol	7.24	94	107324	53.903	ng	98
11) bis(2-Chloroethyl)ether	7.43	93	66181	42.992	ng	98
12) 1,3-Dichlorobenzene	7.90	146	80138	38.260	ng	97
13) 1,4-Dichlorobenzene	8.04	146	83059	39.194	ng	98
14) 1,2-Dichlorobenzene	8.36	146	81293	39.288	ng	97
15) Benzyl Alcohol	8.26	79	73730	48.182	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.53	45	91082	40.691	ng	97
17) 2-Methylphenol	8.48	107	69005	47.541	ng	98
18) Hexachloroethane	9.09	117	27791	36.348	ng	98
19) n-Nitroso-di-n-propylamine	8.81	70	61026	43.344	ng	91
20) 3+4-Methylphenols	8.81	107	94135	47.296	ng	# 85
22) Acetophenone	8.83	105	119073	43.924	ng	# 93
24) Nitrobenzene	9.21	77	93018	47.555	ng	# 98
25) Isophorone	9.73	82	172074	45.838	ng	99
26) 2-Nitrophenol	9.92	139	47556	50.360	ng	96
27) 2,4-Dimethylphenol	10.01	122	78430	57.947	ng	98
28) bis(2-Chloroethoxy)methane	10.21	93	90536	43.697	ng	96
29) 2,4-Dichlorophenol	10.48	162	88422	50.988	ng	93
30) 1,2,4-Trichlorobenzene	10.68	180	91492	41.860	ng	98
31) Naphthalene	10.86	128	248055	46.165	ng	98
32) Benzoic acid	10.19	122	49508	47.923	ng	92
33) 4-Chloroaniline	11.00	127	8341	3.787	ng	# 85
34) Hexachlorobutadiene	11.15	225	63603	39.365	ng	92
35) Caprolactam	11.75	113	27802m	46.550	ng	
36) 4-Chloro-3-methylphenol	12.13	107	100192	52.966	ng	98
37) 2-Methylnaphthalene	12.47	142	192201	46.619	ng	98
38) 1-Methylnaphthalene	12.68	142	184724	47.091	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	123796	41.570	ng	97

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110719\
 Data File : BG043563.D
 Acq On : 8 Nov 2019 7:07
 Operator : JU
 Sample : K5675-04MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-110519MSD

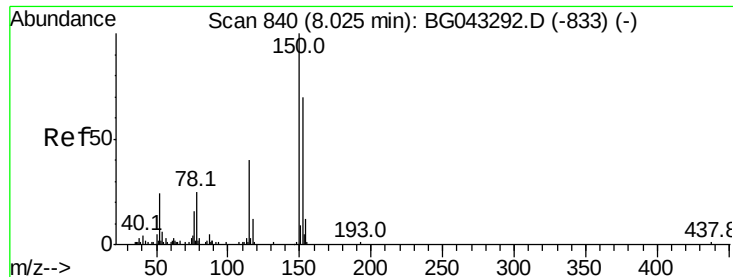
Manual Integrations
 APPROVED

Sohil
 11/8/2019 3:33:06 PM

Quant Time: Nov 08 07:53:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	107840	68.935	nq	98
43) 2,4,6-Trichlorophenol	13.08	196	84639	48.260	nq	96
44) 2,4,5-Trichlorophenol	13.17	196	92699	52.282	nq	98
46) 1,1'-Biphenyl	13.47	154	264165	43.153	nq	98
47) 2-Chloronaphthalene	13.51	162	204611	43.929	nq	100
48) 2-Nitroaniline	13.72	65	64543	46.363	nq	95
49) Acenaphthylene	14.36	152	344116	47.470	nq	99
50) Dimethylphthalate	14.09	163	338689	54.339	nq	98
51) 2,6-Dinitrotoluene	14.21	165	65263	48.197	nq	99
52) Acenaphthene	14.70	154	208654	47.198	nq	98
53) 3-Nitroaniline	14.56	138	17938	13.721	nq	# 94
54) 2,4-Dinitrophenol	14.76	184	80410	93.723	nq	98
55) Dibenzofuran	15.03	168	344569	48.064	nq	99
56) 4-Nitrophenol	14.91	139	102743	117.275	nq	94
57) 2,4-Dinitrotoluene	15.01	165	97033	50.143	nq	# 96
58) Fluorene	15.69	166	295708	49.180	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.28	232	97303	51.653	nq	97
60) Diethylphthalate	15.45	149	292376	46.685	nq	100
61) 4-Chlorophenyl-phenylether	15.68	204	166400	47.439	nq	99
62) 4-Nitroaniline	15.72	138	56388	41.764	nq	94
63) Azobenzene	15.97	77	245693	48.474	nq	96
65) 4,6-Dinitro-2-methylphenol	15.77	198	61096	50.470	nq	95
66) n-Nitrosodiphenylamine	15.89	169	262288	45.165	nq	98
67) 4-Bromophenyl-phenylether	16.57	248	121799	43.999	nq	98
68) Hexachlorobenzene	16.70	284	139618	43.938	nq	98
69) Atrazine	16.84	200	105692	52.376	nq	98
70) Pentachlorophenol	17.05	266	139490	96.339	nq	99
71) Phenanthrene	17.43	178	497565	47.237	nq	99
72) Anthracene	17.52	178	517006	49.058	nq	100
73) Carbazole	17.80	167	454358	47.609	nq	99
74) Di-n-butylphthalate	18.34	149	539158	46.560	nq	98
75) Fluoranthene	19.44	202	658836	47.978	nq	99
77) Benzidine	19.64	184	88793	20.791	nq	# 95
78) Pyrene	19.80	202	656906	50.011	nq	100
80) Butylbenzylphthalate	20.68	149	241964	48.622	nq	94
81) Benzo(a)anthracene	21.63	228	669437	50.362	nq	99
82) 3,3'-Dichlorobenzidine	21.55	252	106223	20.661	nq	96
83) Chrysene	21.70	228	647995	49.064	nq	98
84) Bis(2-ethylhexyl)phthalate	21.53	149	352576	49.876	nq	99
85) Di-n-octyl phthalate	22.73	149	598374	49.893	nq	100
86) Indeno(1,2,3-cd)pyrene	28.50	276	827470	49.913	nq	# 98
88) Benzo(b)fluoranthene	23.84	252	690759	48.822	nq	98
89) Benzo(k)fluoranthene	23.90	252	702866	49.346	nq	97
90) Benzo(a)pyrene	24.69	252	633520	46.889	nq	99
91) Dibenzo(a,h)anthracene	28.55	278	710246	51.394	nq	99
92) Benzo(g,h,i)perylene	29.63	276	706266	51.810	nq	98

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



#1

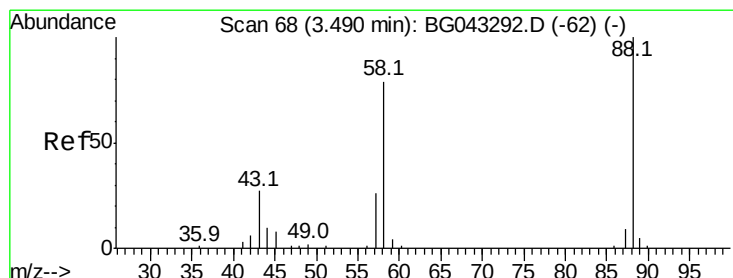
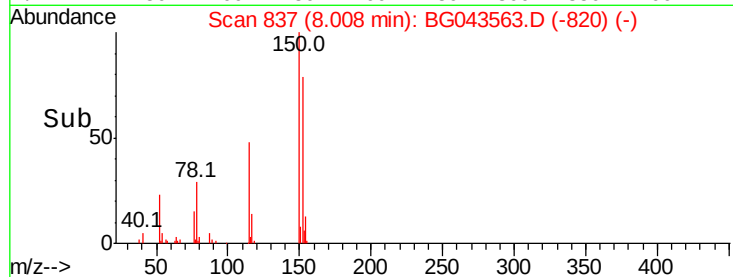
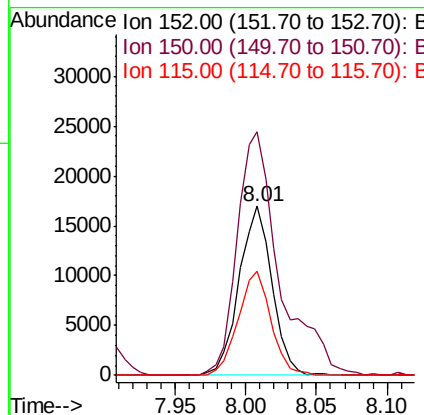
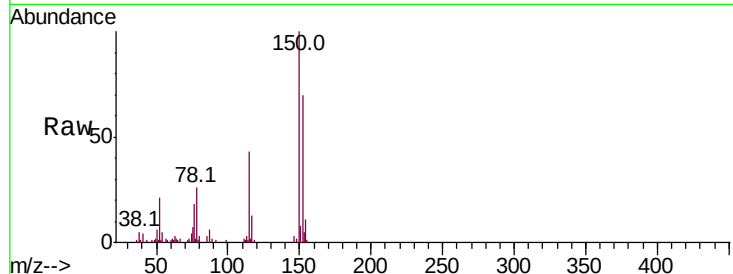
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG043563.D
Acq: 8 Nov 2019 7:07

Instrument :
BNA_G
ClientSampleId :
TR-05-110519MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.8	129.4	194.0
115	61.4	48.8	73.2

Manual Integrations
APPROVED

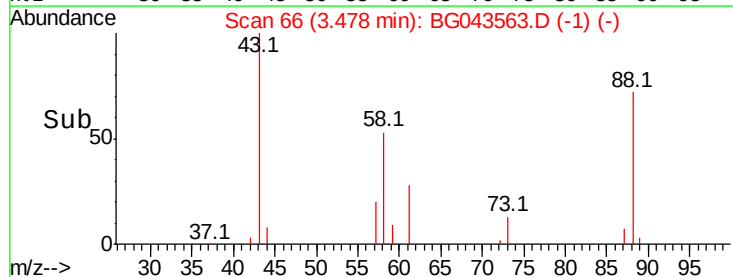
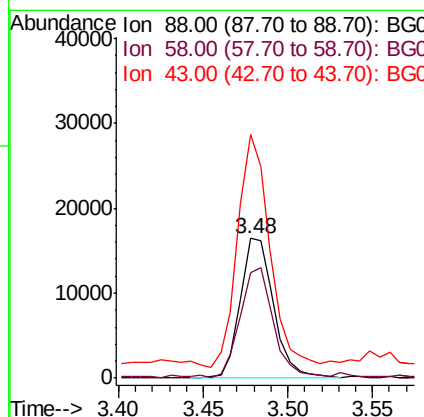
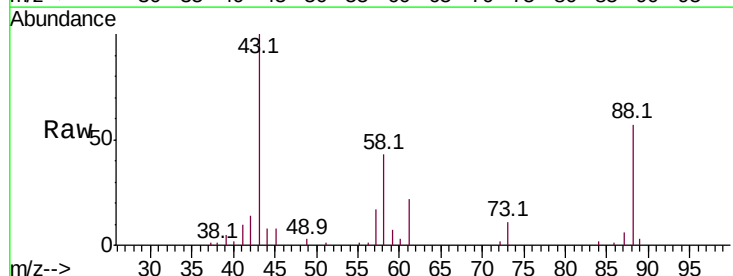
Sohil
11/8/2019 3:33:06 PM

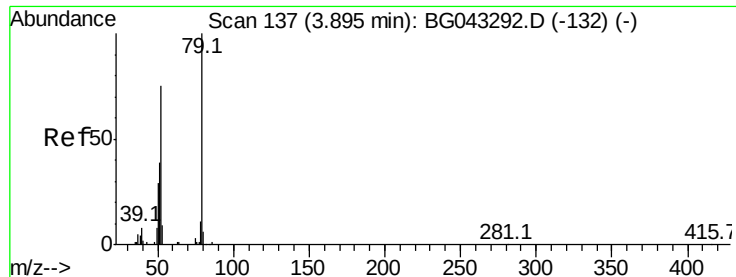


#2

1,4-Dioxane
Concen: 38.502 ng
RT: 3.48 min Scan# 66
Delta R.T. 0.01 min
Lab File: BG043563.D
Acq: 8 Nov 2019 7:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.5	62.7	94.1
43	160.4	23.7	35.5#





#3

Pvridine

Concen: 32.658 ng

RT: 3.89 min Scan# 136

Delta R.T. 0.01 min

Lab File: BG043563.D

Acq: 8 Nov 2019 7:07

Instrument :

BNA_G

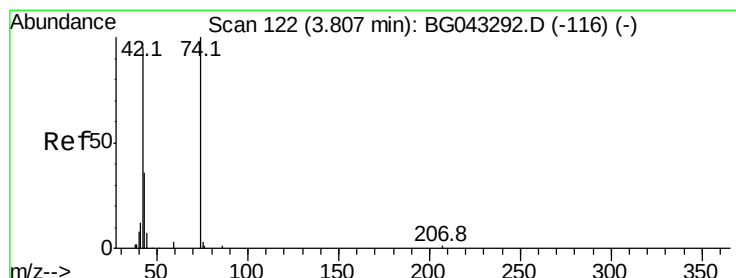
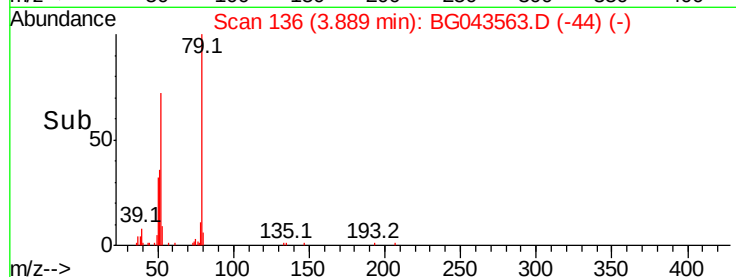
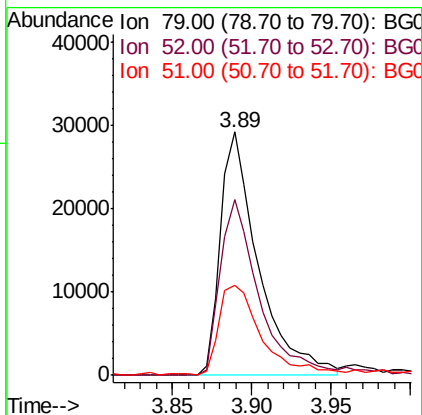
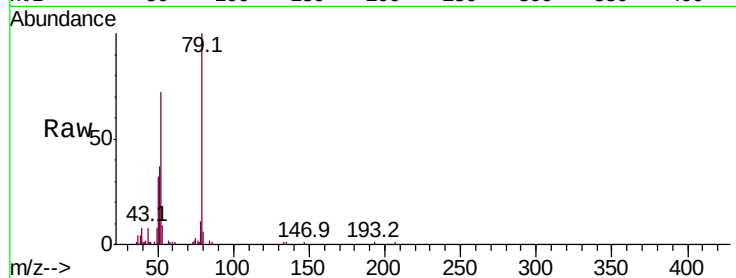
ClientSampleId :

TR-05-110519MSD

Tot Ion:	79	Resp:	48618
Ion Ratio	Lower	Upper	
79	100		
52	72.2	56.5	84.7
51	36.8	33.2	49.8

Manual Integrations
APPROVED

Sohil
11/8/2019 3:33:06 PM



#4

n-Nitrosodimethylamine

Concen: 47.108 ng

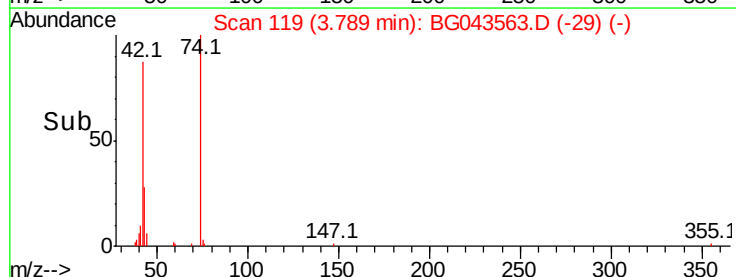
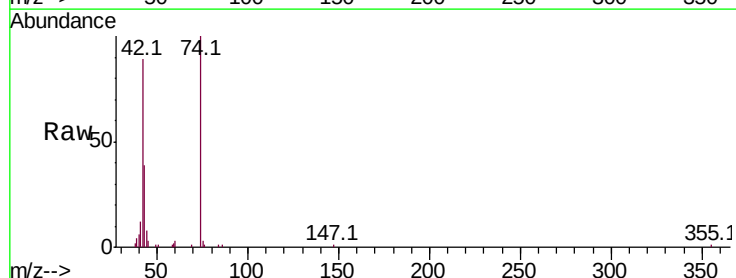
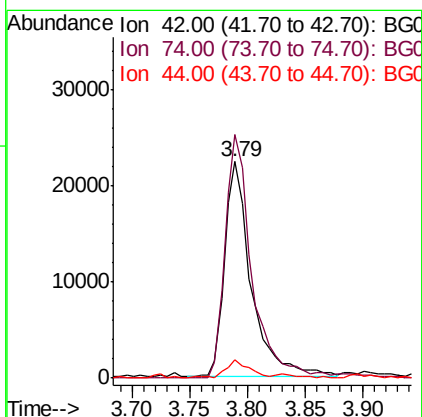
RT: 3.79 min Scan# 119

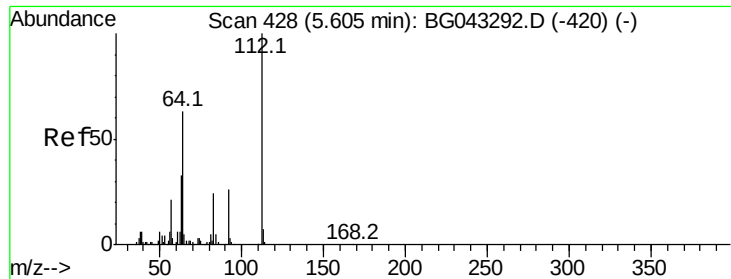
Delta R.T. 0.00 min

Lab File: BG043563.D

Acq: 8 Nov 2019 7:07

Tgt Ion:	42	Resp:	35388
Ion Ratio	Lower	Upper	
42	100		
74	112.6	97.3	145.9
44	8.7	4.4	6.6#





#5

2-Fluorophenol

Concen: 141.728 ng

RT: 5.60 min Scan# 428

Delta R.T. 0.01 min

Lab File: BG043563.D

Acq: 8 Nov 2019 7:07

Instrument :

BNA_G

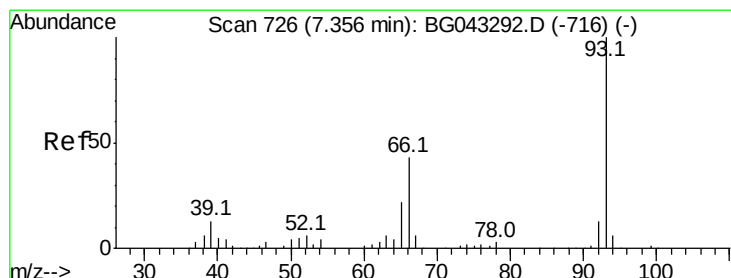
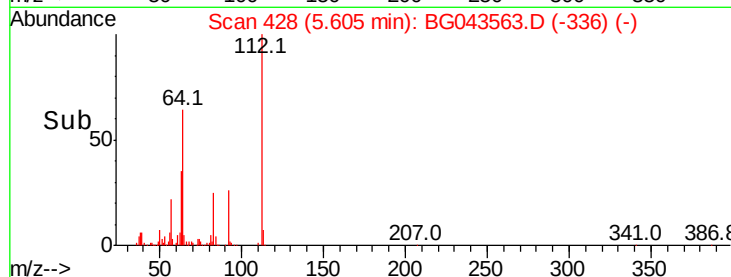
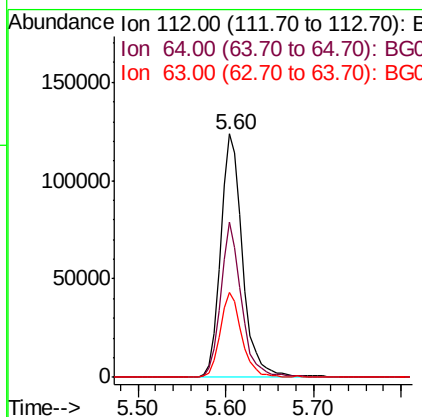
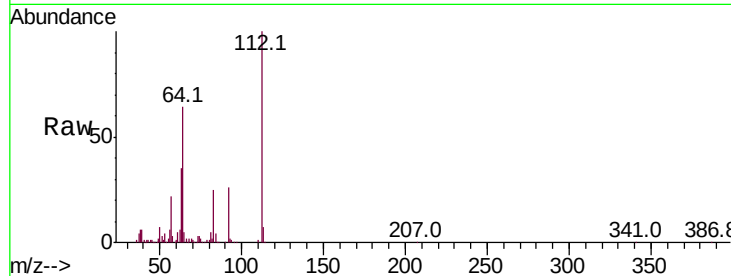
ClientSampleId :

TR-05-110519MSD

Tot Ion:	112	Resp:	214636
Ion Ratio	Lower	Upper	
112	100		
64	63.9	50.0	75.0
63	34.6	26.6	40.0

Manual Integrations
APPROVED

Sohil
11/8/2019 3:33:06 PM



#6

Aniline

Concen: 9.684 ng

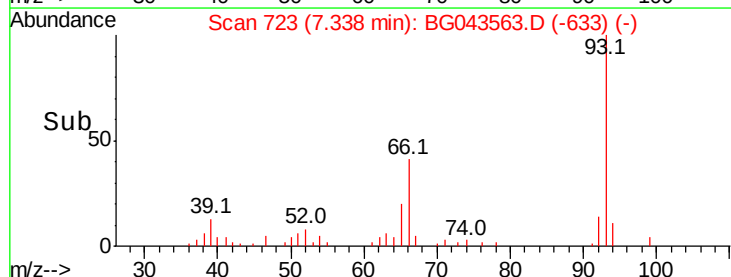
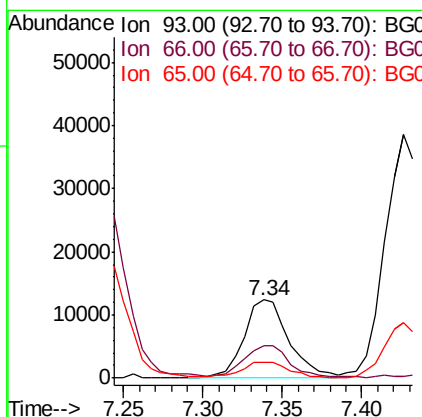
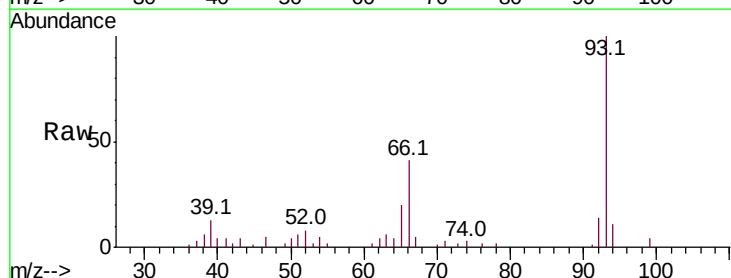
RT: 7.34 min Scan# 723

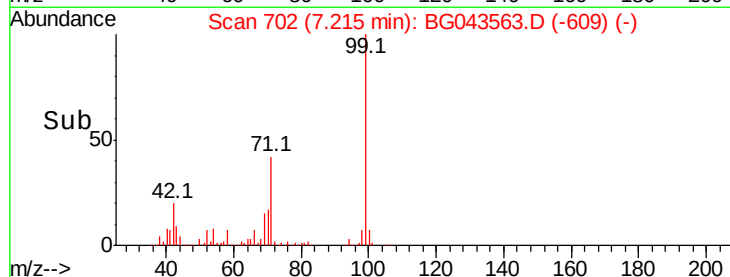
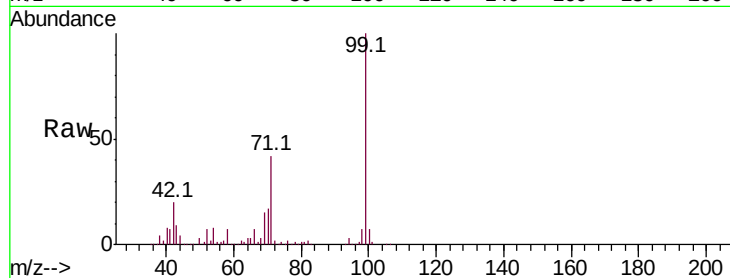
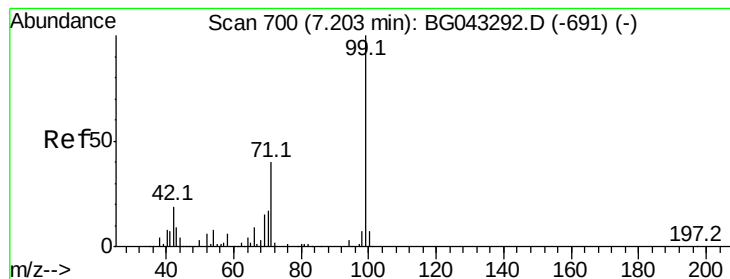
Delta R.T. 0.00 min

Lab File: BG043563.D

Acq: 8 Nov 2019 7:07

Tgt Ion:	93	Resp:	24307
Ion Ratio	Lower	Upper	
93	100		
66	40.9	32.3	48.5
65	20.0	16.1	24.1





#7

Phenol-d6

Concen: 133.831 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.02 min

Lab File: BG043563.D

Acq: 8 Nov 2019 7:07

Tot Ion	99	Resp	291603
Ion Ratio	Lower	Upper	
99	100		
42	19.9	14.6	21.8
71	42.4	32.5	48.7

Instrument :

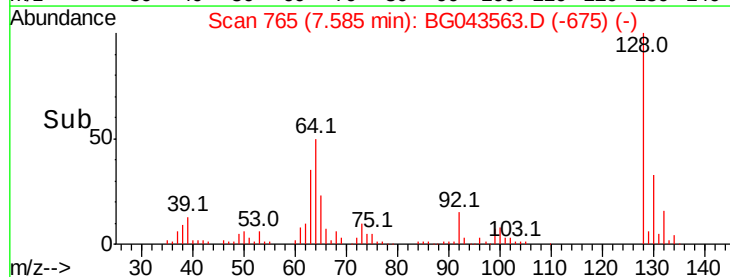
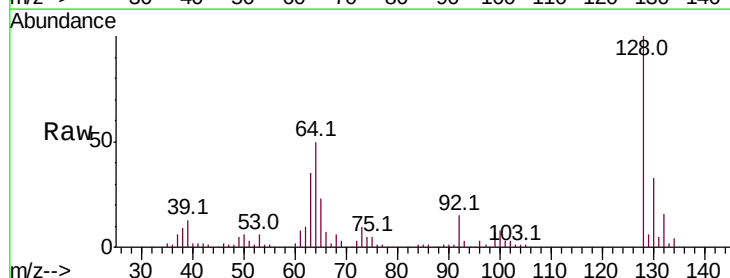
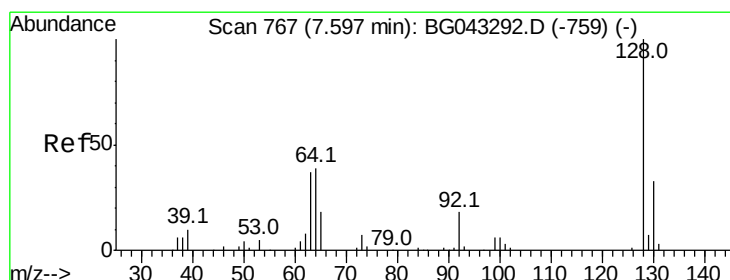
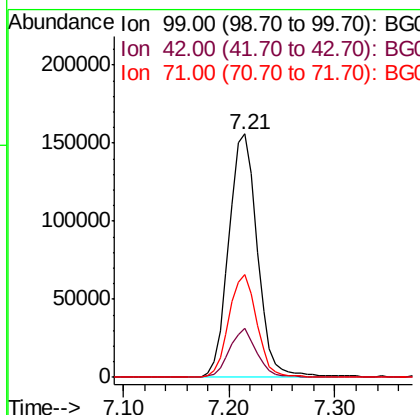
BNA_G

ClientSampleId :

TR-05-110519MSD

Manual Integrations
APPROVED

Sohil
11/8/2019 3:33:06 PM



#8

2-Chlorophenol

Concen: 48.544 ng

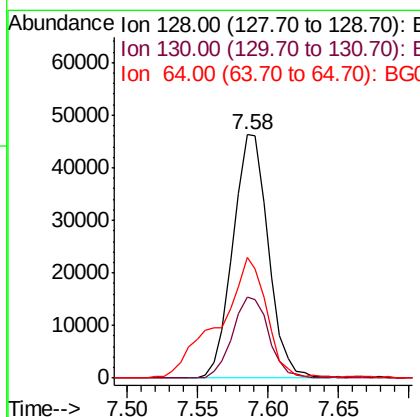
RT: 7.58 min Scan# 765

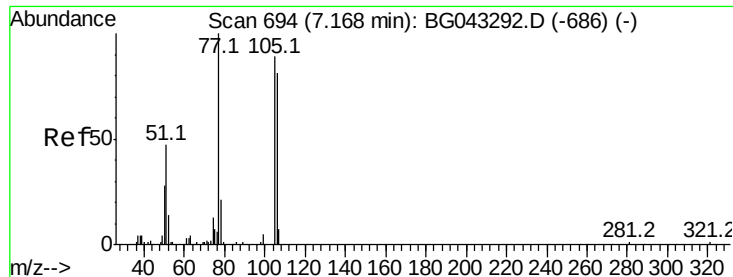
Delta R.T. 0.00 min

Lab File: BG043563.D

Acq: 8 Nov 2019 7:07

Tgt Ion	128	Resp	81154
Ion Ratio	Lower	Upper	
128	100		
130	33.3	12.5	52.5
64	49.5	25.3	65.3





#9

Benzaldehyde

Concen: 16.362 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG043563.D

Acq: 8 Nov 2019 7:07

Instrument :

BNA_G

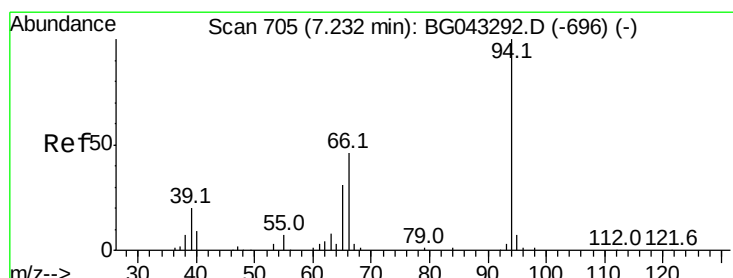
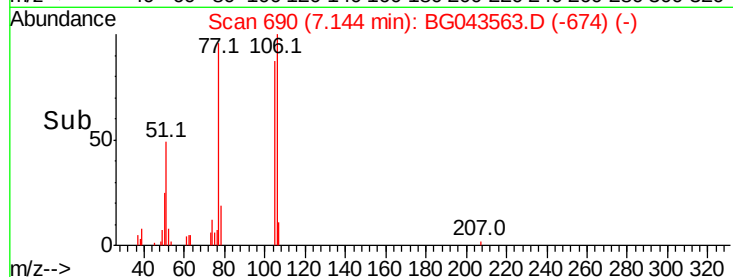
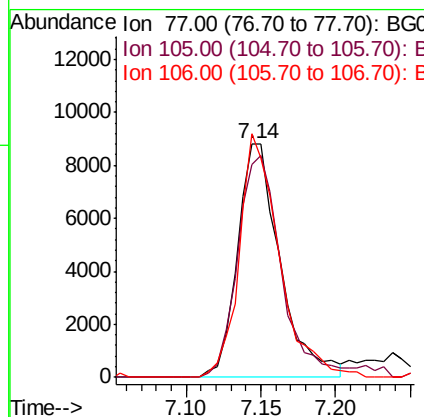
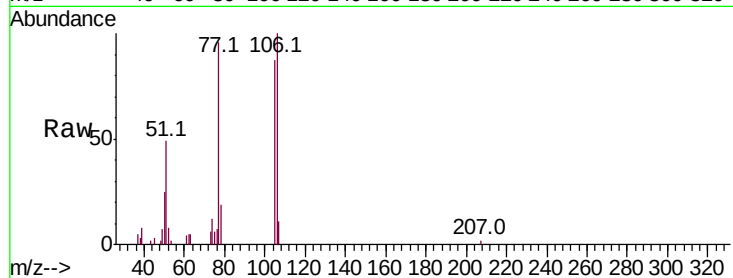
ClientSampleId :

TR-05-110519MSD

Tot Ion:	77	Resp:	17520
Ion	Ratio	Lower	Upper
77	100		
105	91.1	68.6	108.6
106	104.2	69.9	109.9

Manual Integrations
APPROVED

Sohil
11/8/2019 3:33:06 PM



#10

Phenol

Concen: 53.903 ng

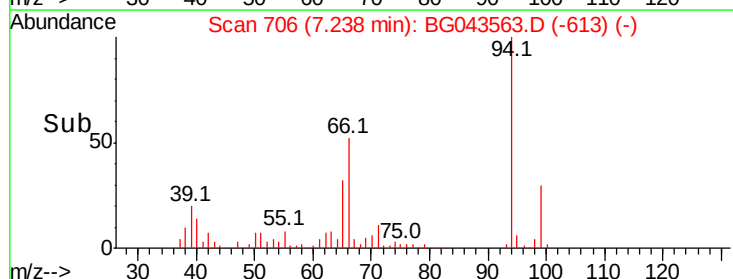
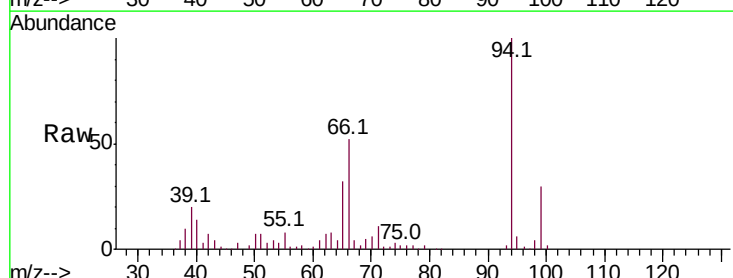
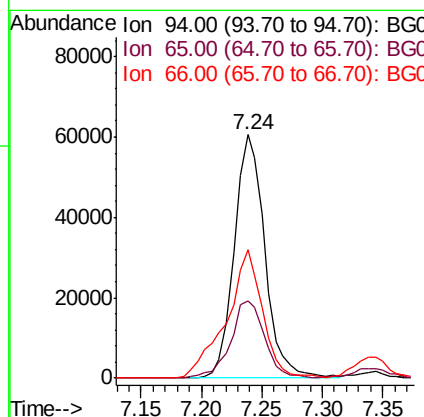
RT: 7.24 min Scan# 706

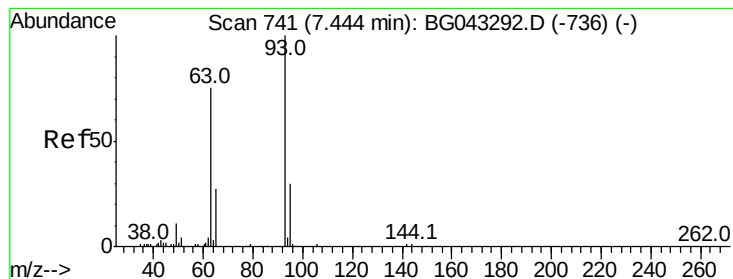
Delta R.T. 0.02 min

Lab File: BG043563.D

Acq: 8 Nov 2019 7:07

Tgt Ion:	94	Resp:	107324
Ion	Ratio	Lower	Upper
94	100		
65	32.0	12.6	52.6
66	52.5	30.7	70.7





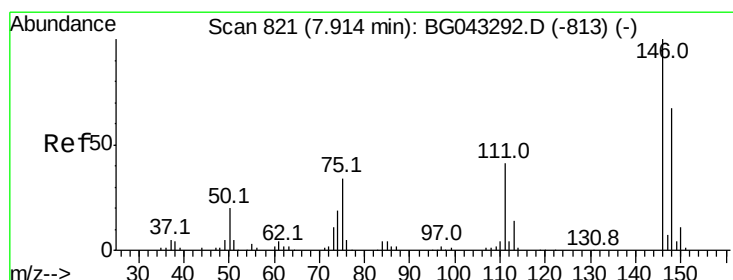
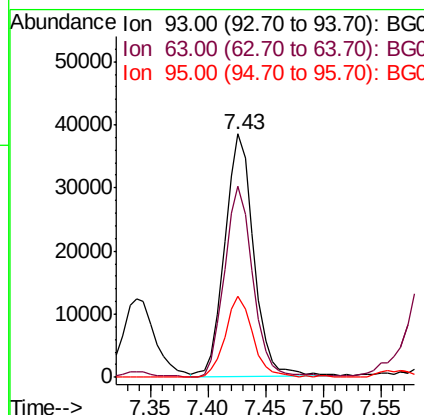
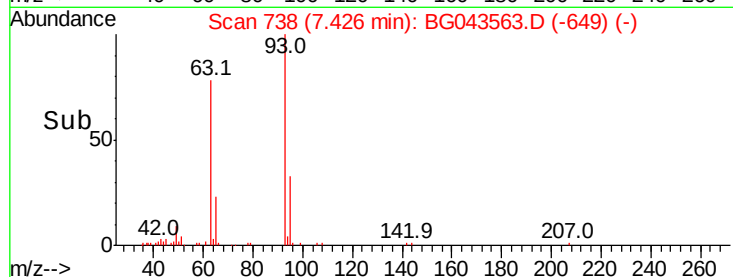
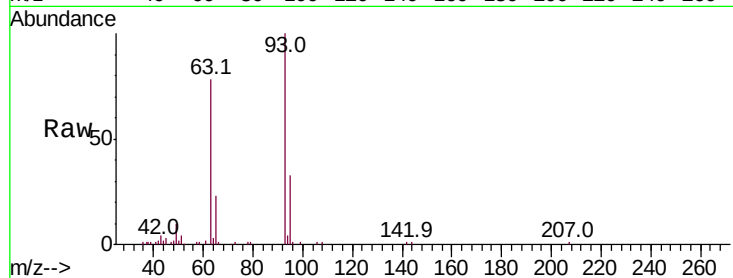
#11
bis(2-Chloroethyl)ether
Concen: 42.992 ng
RT: 7.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BG043563.D
Acq: 8 Nov 2019 7:07

Instrument :
BNA_G
ClientSampleId :
TR-05-110519MSD

Tot Ion	93	Resp	66181
Ion Ratio	100	Lower	Upper
93	100		
63	78.3	56.3	96.3
95	33.1	12.2	52.2

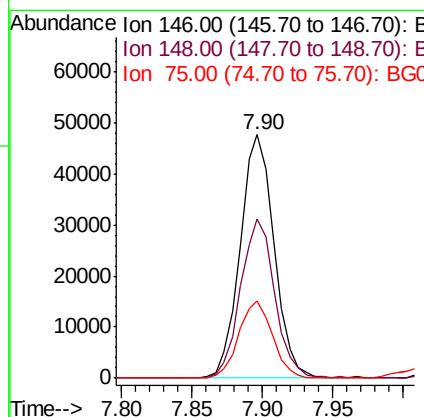
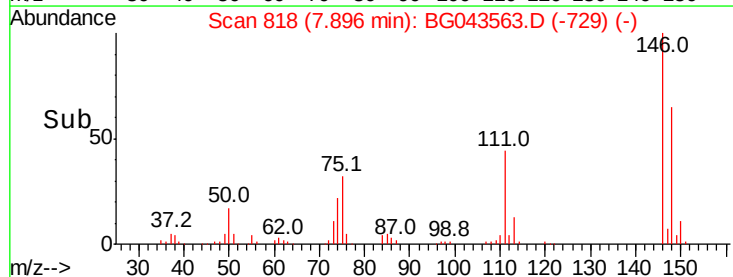
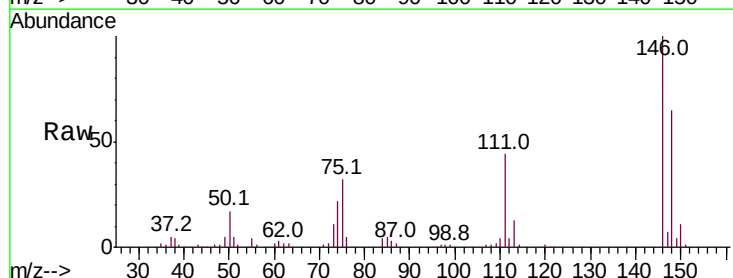
Manual Integrations
APPROVED

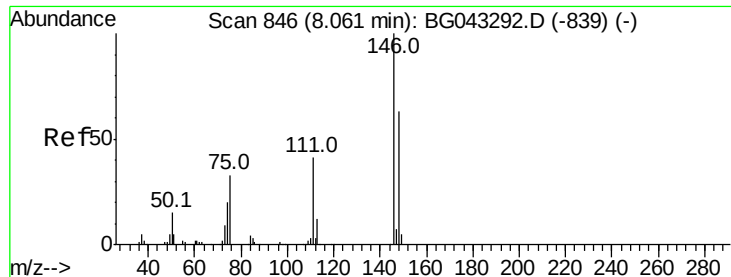
Sohil
11/8/2019 3:33:06 PM



#12
1,3-Dichlorobenzene
Concen: 38.260 ng
RT: 7.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG043563.D
Acq: 8 Nov 2019 7:07

Tgt Ion	146	Resp	80138
Ion Ratio	100	Lower	Upper
146	100		
148	65.3	50.3	75.5
75	31.8	24.6	37.0





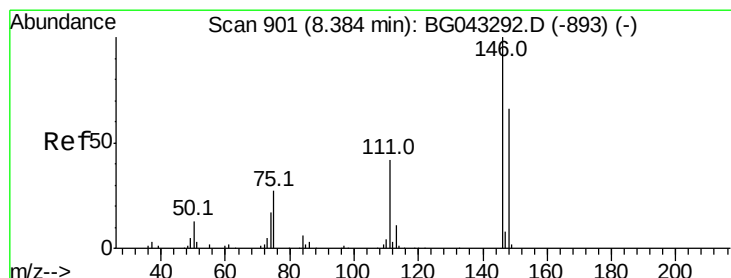
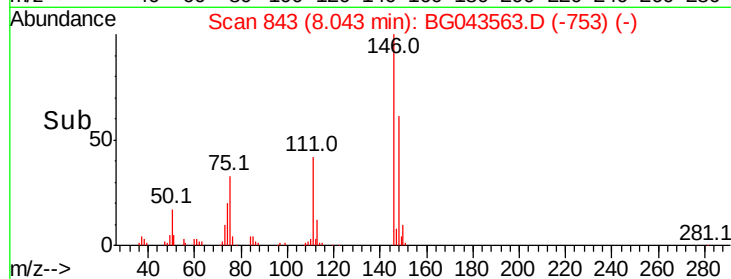
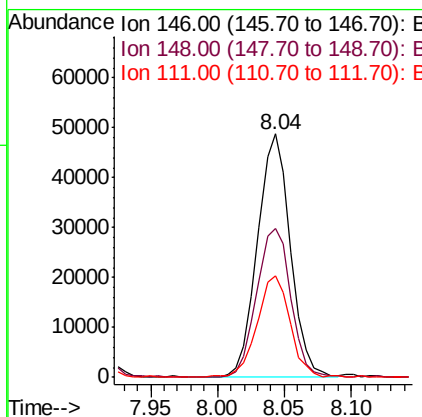
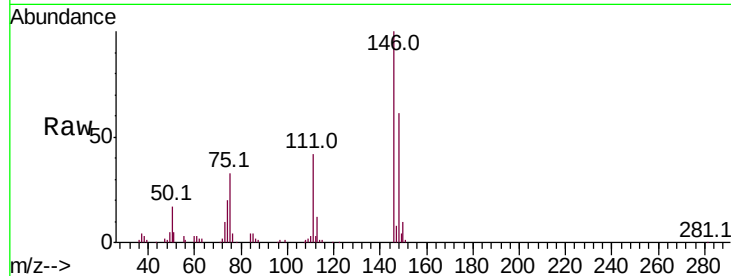
#13
1,4-Dichlorobenzene
Concen: 39.194 ng
RT: 8.04 min Scan# 843
Delta R.T. 0.00 min
Lab File: BG043563.D
Acq: 8 Nov 2019 7:07

Instrument :
BNA_G
ClientSampleId :
TR-05-110519MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.4	50.7	76.1
111	41.8	33.4	50.2

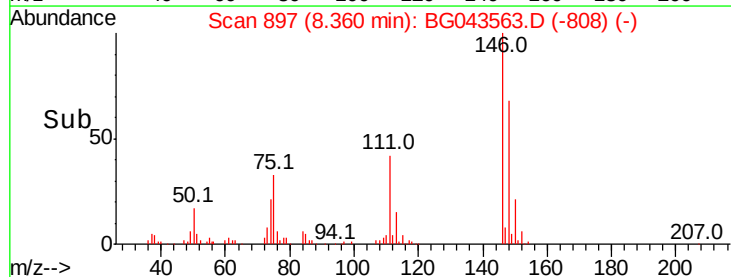
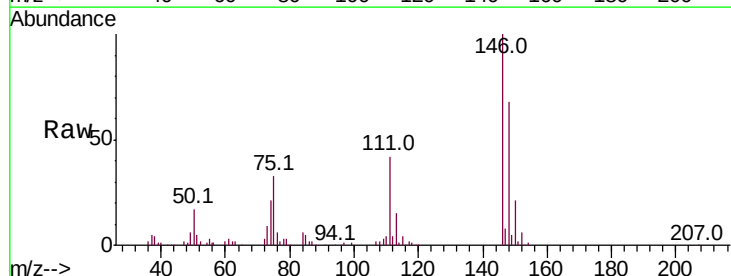
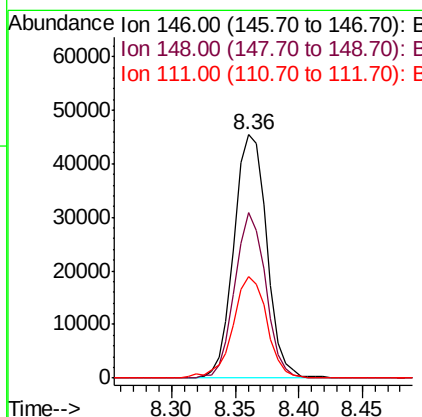
Manual Integrations
APPROVED

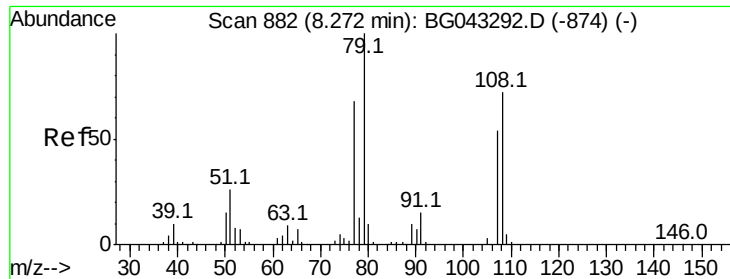
Sohil
11/8/2019 3:33:06 PM



#14
1,2-Dichlorobenzene
Concen: 39.288 ng
RT: 8.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BG043563.D
Acq: 8 Nov 2019 7:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.2	53.2	79.8
111	41.6	35.8	53.6





#15

Benzyl Alcohol

Concen: 48.182 ng

RT: 8.26 min Scan# 880

Delta R.T. 0.01 min

Lab File: BG043563.D

Acq: 8 Nov 2019 7:07

Instrument :

BNA_G

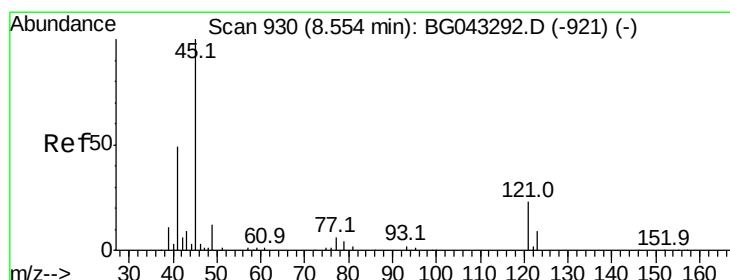
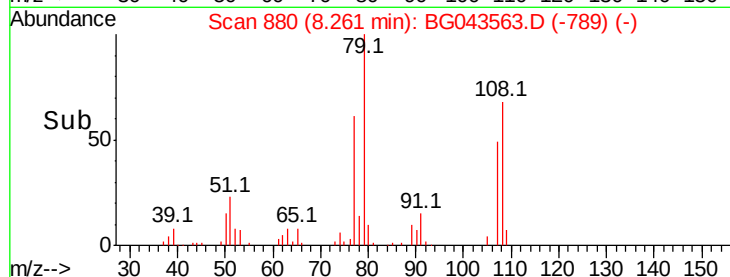
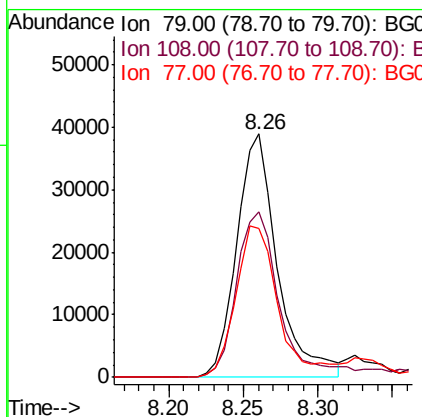
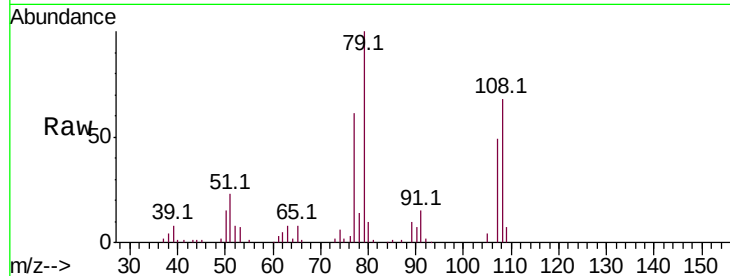
ClientSampleID :

TR-05-110519MSD

Tot Ion:	79	Resp:	73730
Ion Ratio	Lower	Upper	
79	100		
108	68.1	53.6	80.4
77	61.0	49.6	74.4

Manual Integrations
APPROVED

Sohil
11/8/2019 3:33:06 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.691 ng

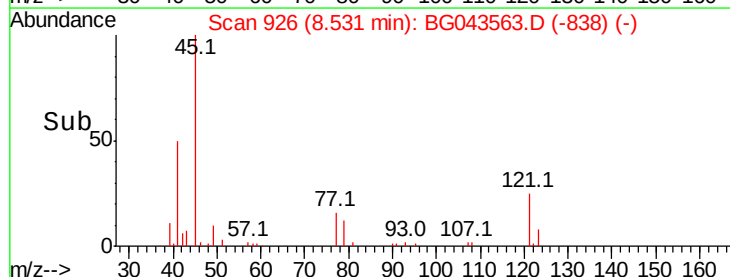
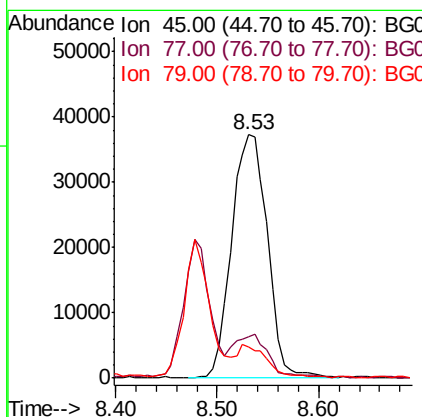
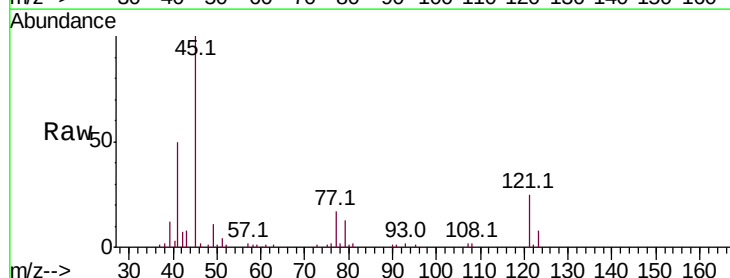
RT: 8.53 min Scan# 926

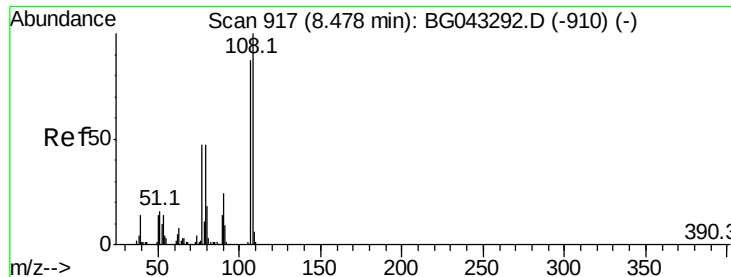
Delta R.T. -0.01 min

Lab File: BG043563.D

Acq: 8 Nov 2019 7:07

Tgt Ion:	45	Resp:	91082
Ion Ratio	Lower	Upper	
45	100		
77	17.2	0.0	34.9
79	12.7	0.0	33.0





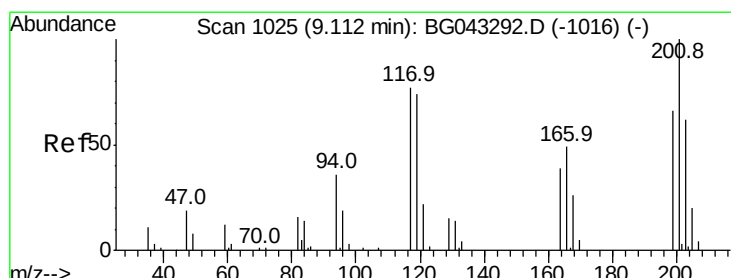
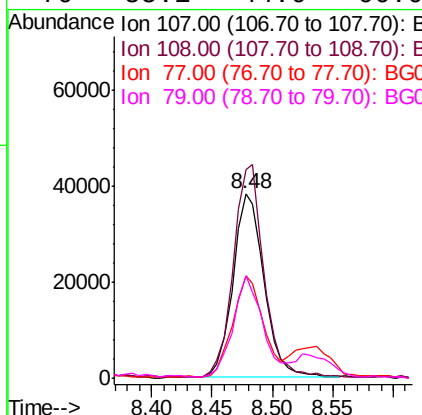
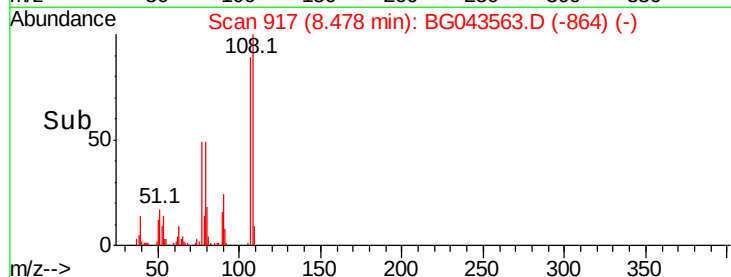
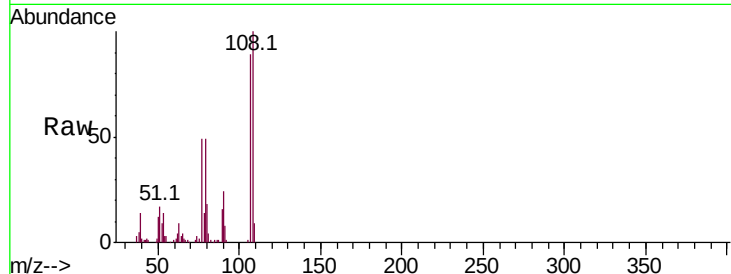
#17
2-Methylphenol
Concen: 47.541 ng
RT: 8.48 min Scan# 917
Delta R.T. 0.01 min
Lab File: BG043563.D
Acq: 8 Nov 2019 7:07

Instrument :
BNA_G
ClientSampleId :
TR-05-110519MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.8	90.2	135.4	
77	55.1	40.2	60.2	
79	55.1	44.0	66.0	

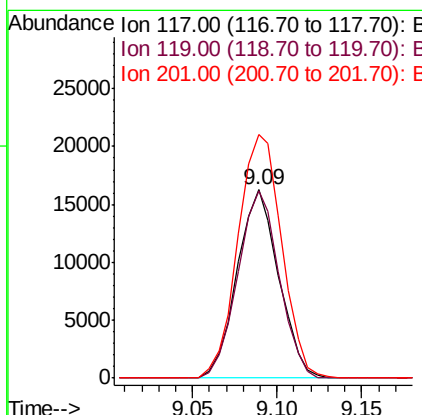
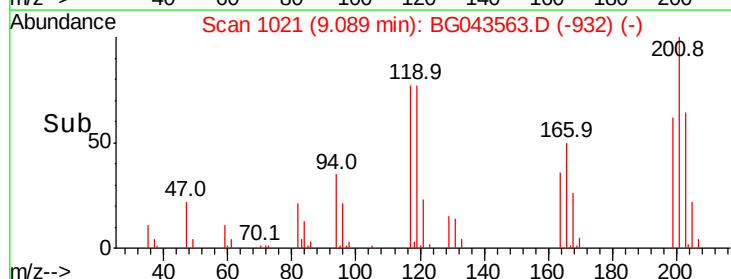
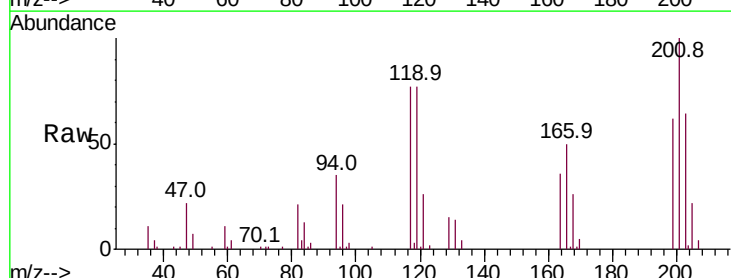
Manual Integrations
APPROVED

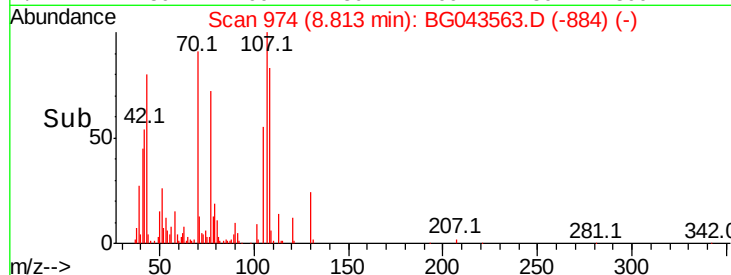
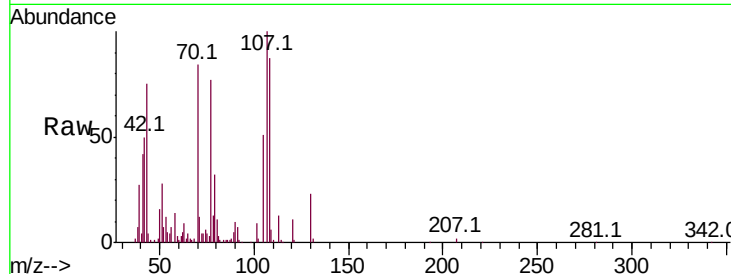
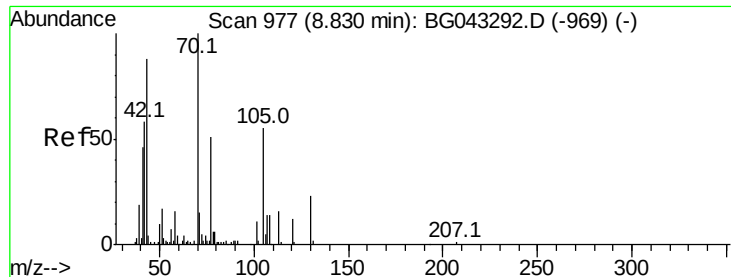
Sohil
11/8/2019 3:33:06 PM



#18
Hexachloroethane
Concen: 36.348 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG043563.D
Acq: 8 Nov 2019 7:07

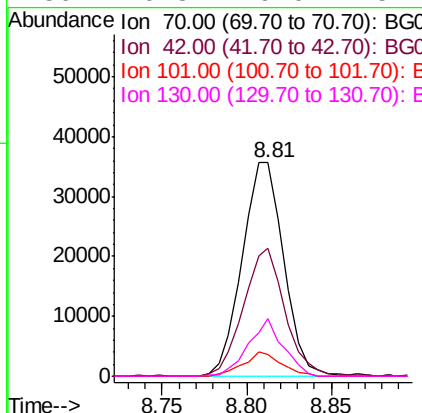
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.6	79.0	118.4	
201	129.2	105.4	158.2	





#19
n-Nitroso-di-n-propylamine
Concen: 43.344 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG043563.D
Acq: 8 Nov 2019 7:07

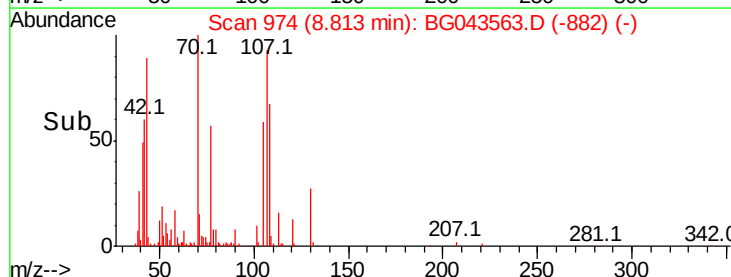
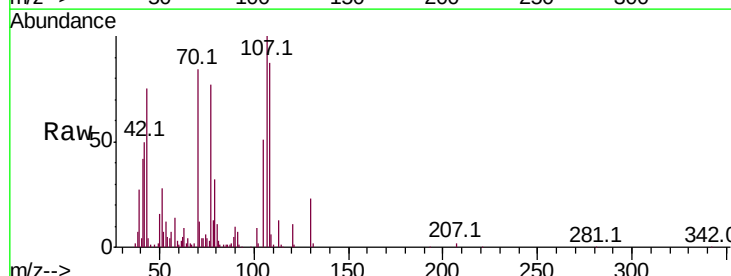
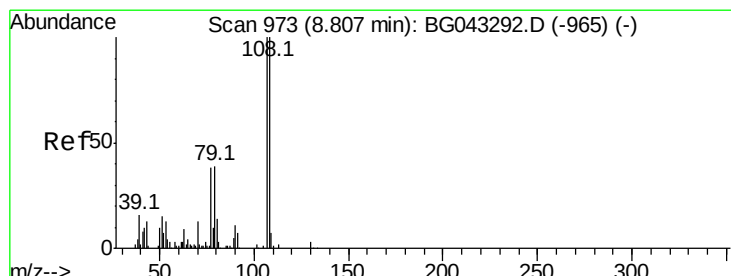
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	59.7	41.4	62.2	
101	10.3	7.9	11.9	
130	26.8	19.0	28.4	



Instrument :
BNA_G
ClientSampleId :
TR-05-110519MSD

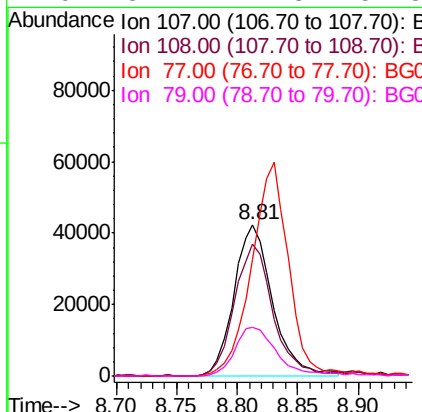
Manual Integrations
APPROVED

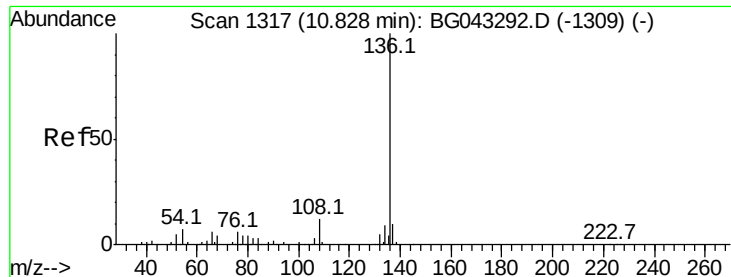
Sohil
11/8/2019 3:33:06 PM



#20
3+4-Methylphenols
Concen: 47.296 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.01 min
Lab File: BG043563.D
Acq: 8 Nov 2019 7:07

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.8	66.6	106.6	
77	76.7	20.9	60.9	
79	32.4	11.3	51.3	





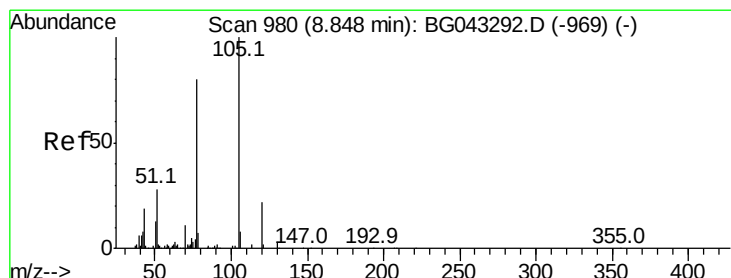
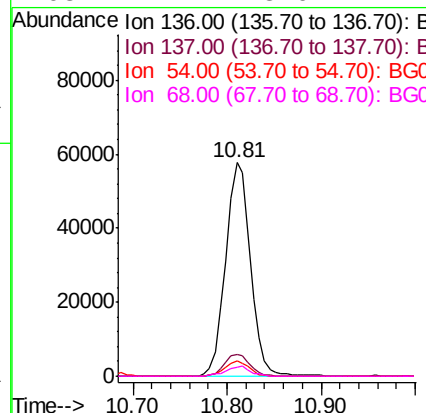
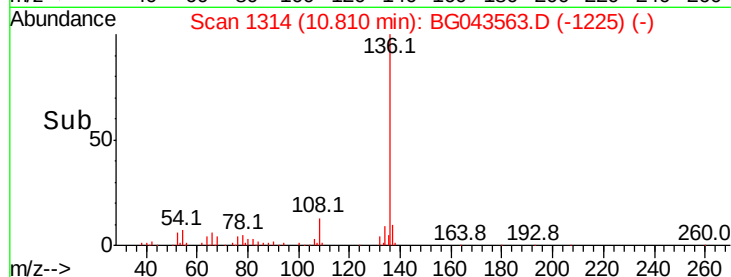
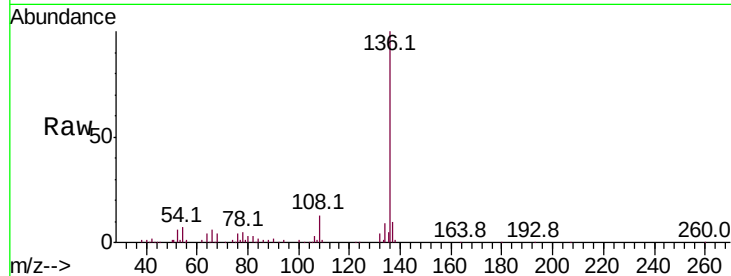
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG043563.D
Acq: 8 Nov 2019 7:07

Instrument :
BNA_G
ClientSampleId :
TR-05-110519MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.0	8.7	13.1	
54	7.2	5.4	8.2	
68	4.4	3.0	4.4#	

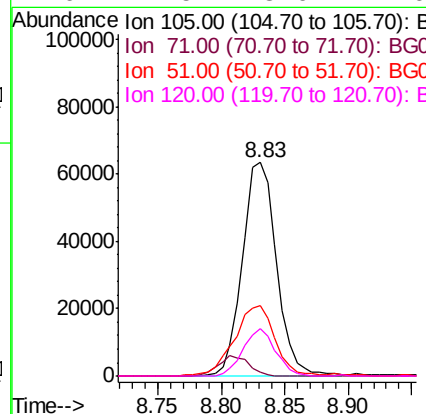
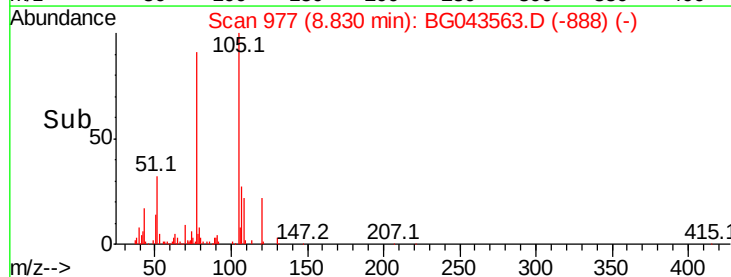
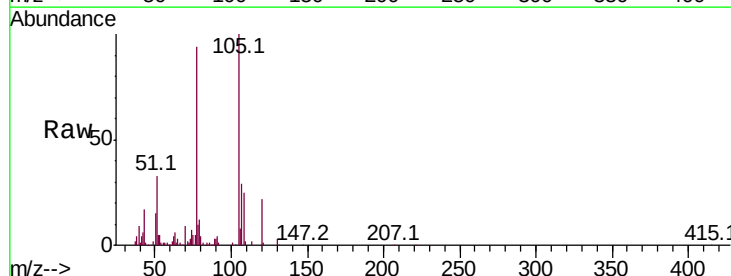
Manual Integrations
APPROVED

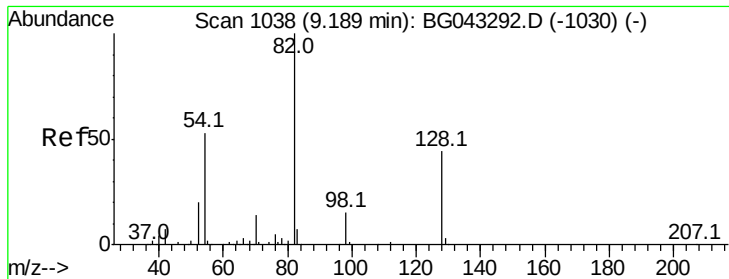
Sohil
11/8/2019 3:33:06 PM



#22
Acetophenone
Concen: 43.924 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BG043563.D
Acq: 8 Nov 2019 7:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.6	0.8	1.2#	
51	33.0	21.0	31.4#	
120	22.5	18.0	27.0	





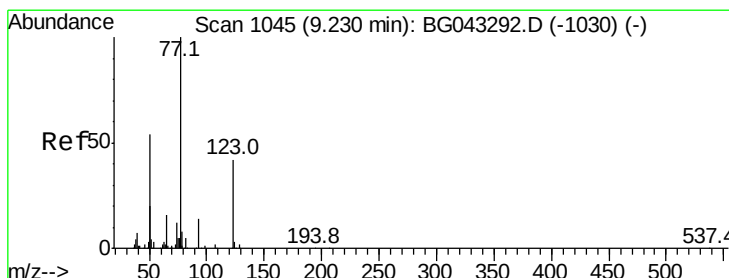
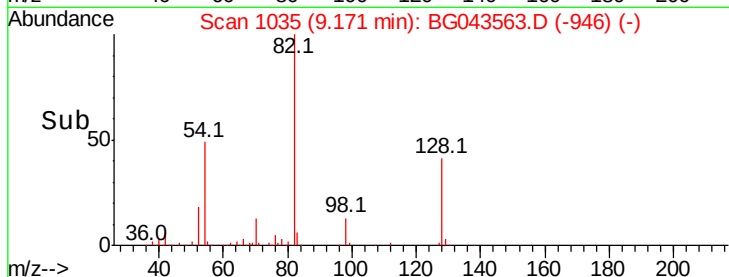
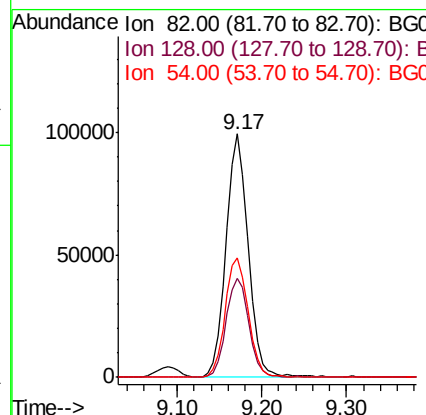
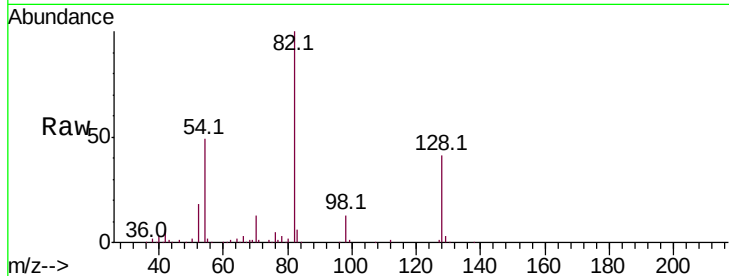
#23
Nitrobenzene-d5
Concen: 88.384 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG043563.D
Acq: 8 Nov 2019 7:07

Instrument :
BNA_G
ClientSampleId :
TR-05-110519MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	181480		
128	40.9	35.0	52.6	
54	48.8	40.2	60.2	

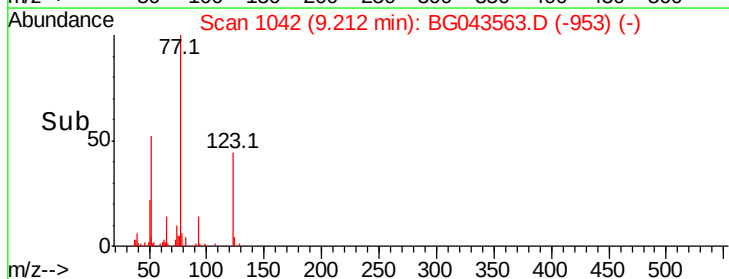
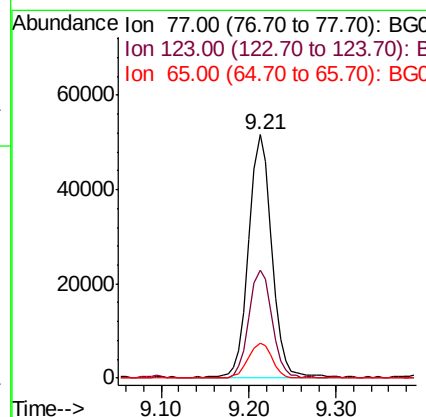
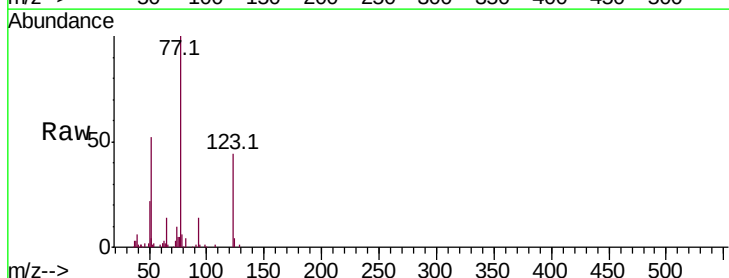
Manual Integrations
APPROVED

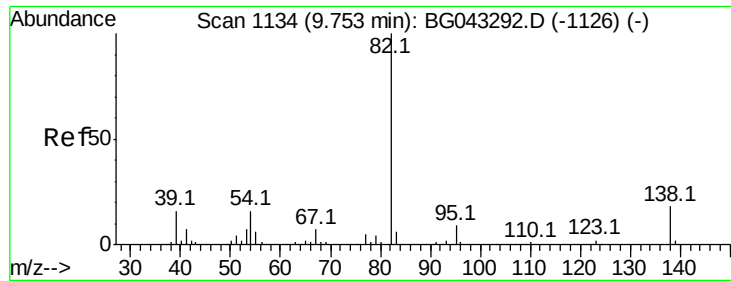
Sohil
11/8/2019 3:33:06 PM



#24
Nitrobenzene
Concen: 47.555 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG043563.D
Acq: 8 Nov 2019 7:07

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	93018		
123	44.4	35.0	52.6	
65	14.4	9.5	14.3#	





#25

Isophorone

Concen: 45.838 ng

RT: 9.73 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BG043563.D

Acq: 8 Nov 2019 7:07

Instrument :

BNA_G

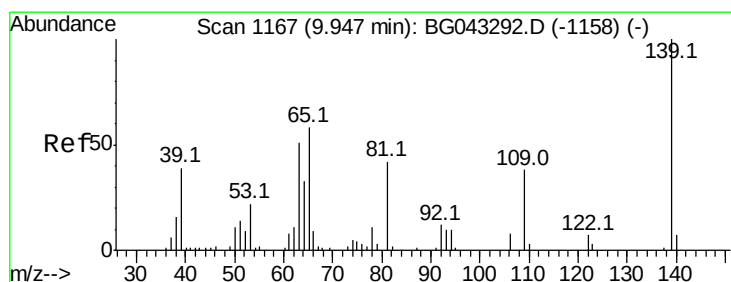
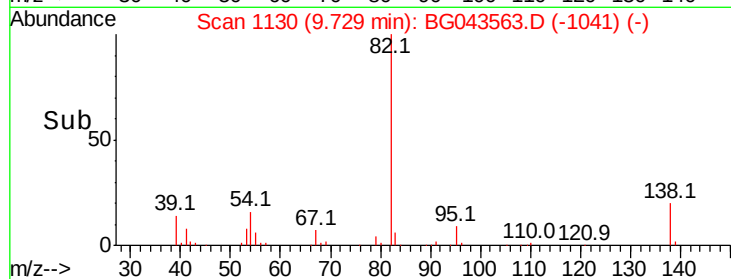
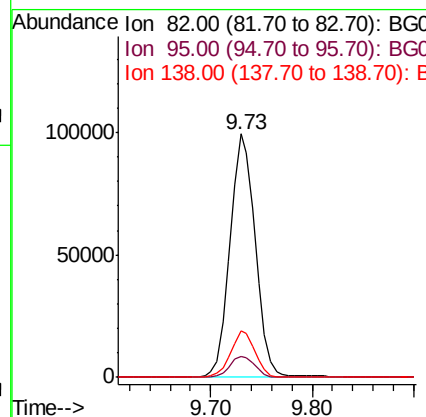
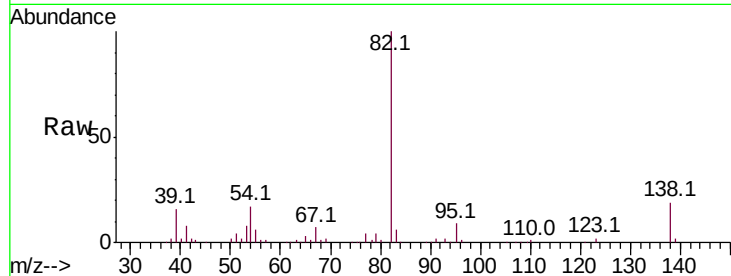
ClientSampleId :

TR-05-110519MSD

Tot Ion:	82	Resp:	172074
Ion Ratio	Lower	Upper	
82	100		
95	8.6	6.6	9.8
138	19.2	15.2	22.8

Manual Integrations
APPROVED

Sohil
11/8/2019 3:33:06 PM



#26

2-Nitrophenol

Concen: 50.360 ng

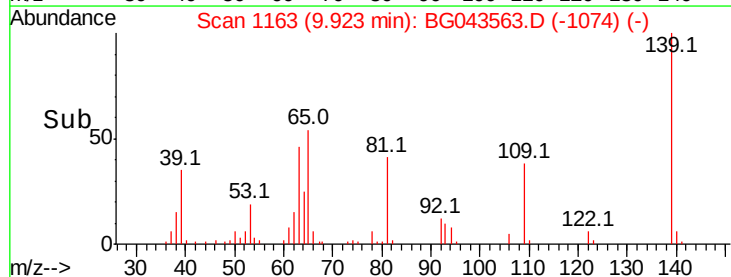
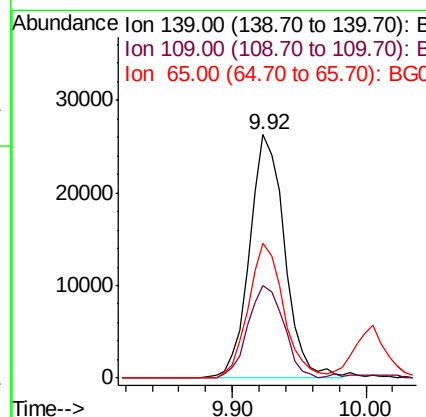
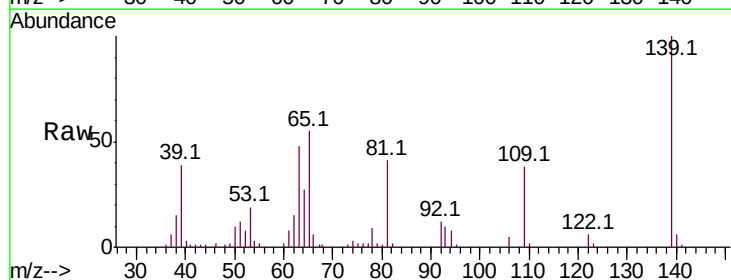
RT: 9.92 min Scan# 1163

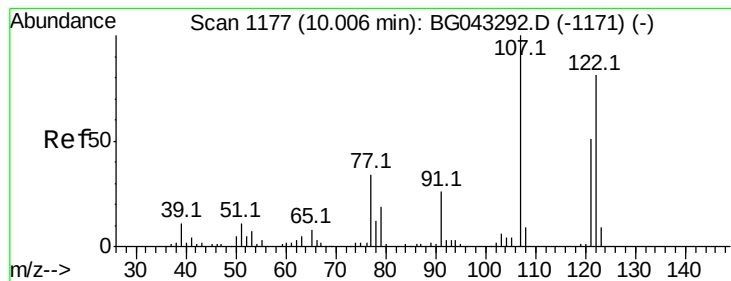
Delta R.T. -0.01 min

Lab File: BG043563.D

Acq: 8 Nov 2019 7:07

Tgt Ion:	139	Resp:	47556
Ion Ratio	Lower	Upper	
139	100		
109	37.8	26.5	39.7
65	55.4	43.8	65.8





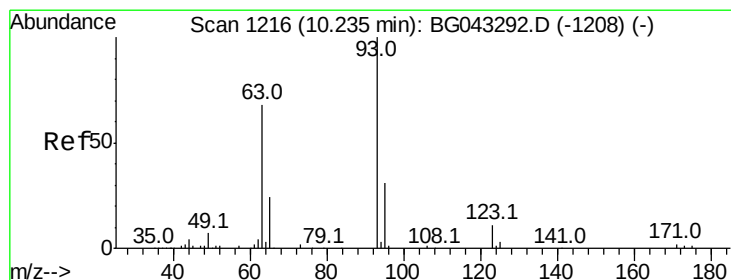
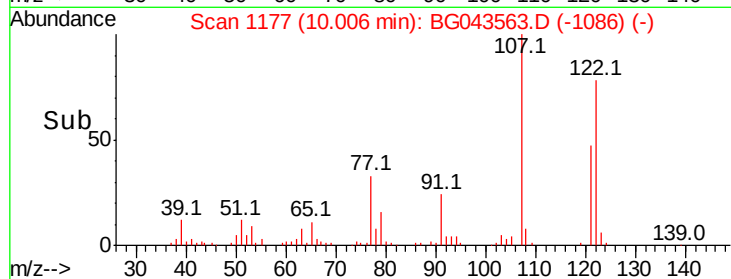
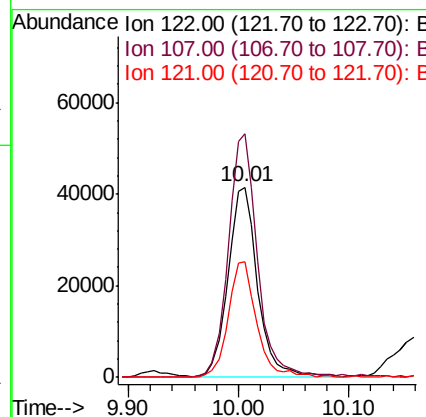
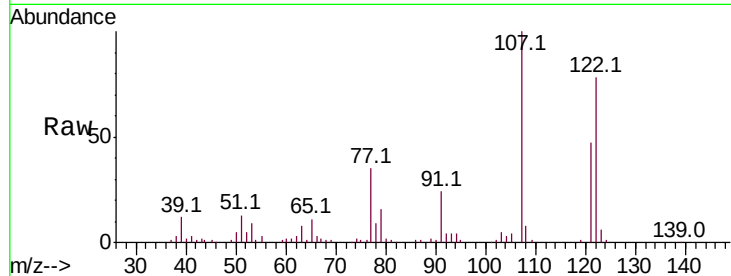
#27
2,4-Dimethylphenol
Concen: 57.947 ng
RT: 10.01 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BG043563.D
Acq: 8 Nov 2019 7:07

Instrument :
BNA_G
ClientSampleId :
TR-05-110519MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	128.0	104.4	156.6
121	60.6	47.2	70.8

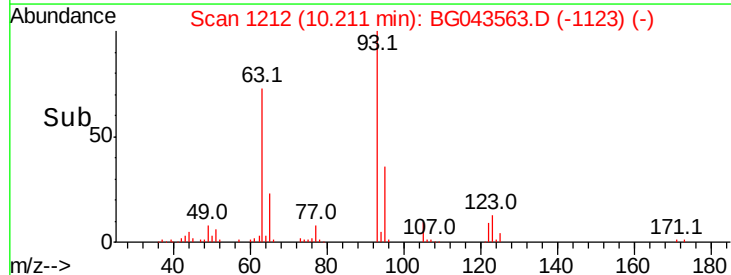
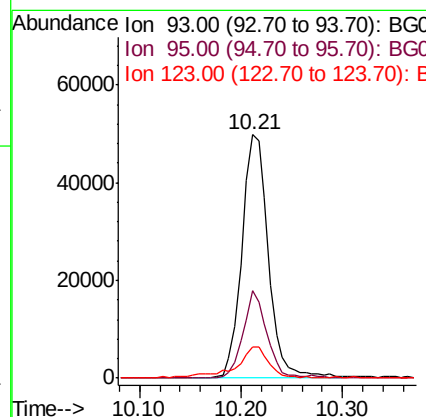
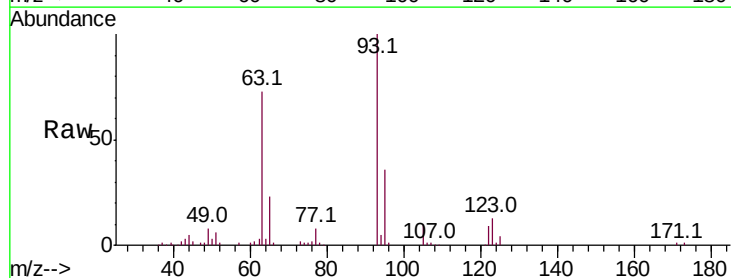
Manual Integrations
APPROVED

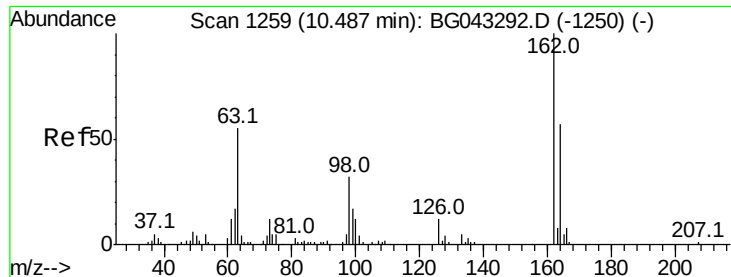
Sohil
11/8/2019 3:33:06 PM



#28
bis(2-Chloroethoxy)methane
Concen: 43.697 ng
RT: 10.21 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BG043563.D
Acq: 8 Nov 2019 7:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	35.7	26.0	39.0
123	12.8	10.6	15.8





#29

2,4-Dichlorophenol

Concen: 50.988 ng

RT: 10.48 min Scan# 1258

Delta R.T. 0.01 min

Lab File: BG043563.D

Acq: 8 Nov 2019 7:07

Instrument :

BNA_G

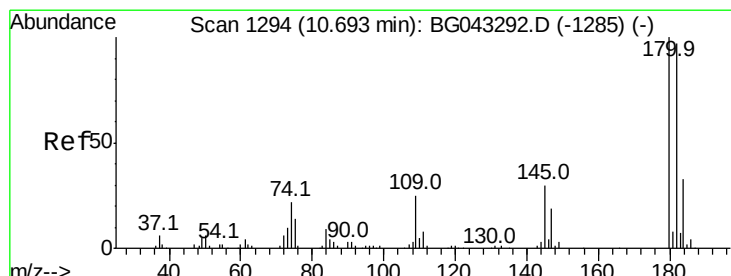
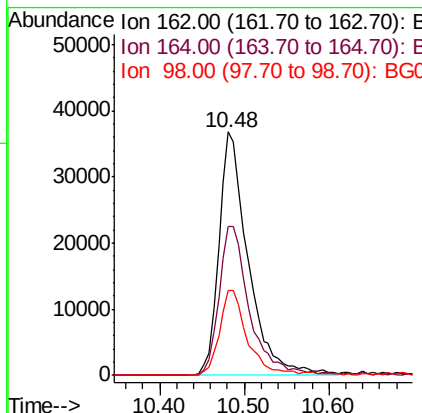
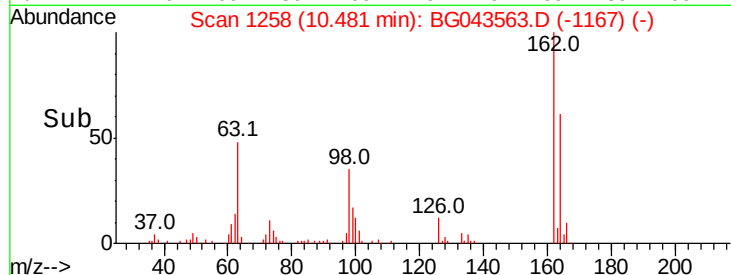
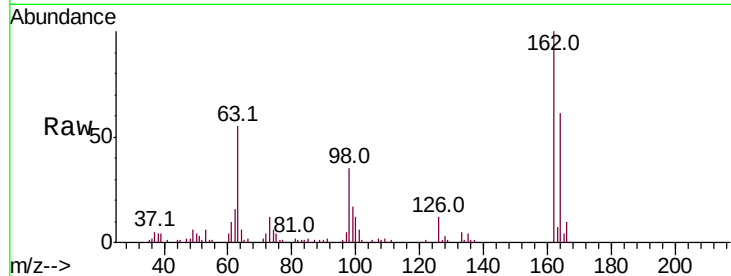
ClientSampleId :

TR-05-110519MSD

Tot Ion:	162	Resp:	88422
Ion Ratio	Lower	Upper	
162	100		
164	61.0	48.9	88.9
98	34.7	15.1	55.1

Manual Integrations
APPROVED

Sohil
11/8/2019 3:33:06 PM



#30

1,2,4-Trichlorobenzene

Concen: 41.860 ng

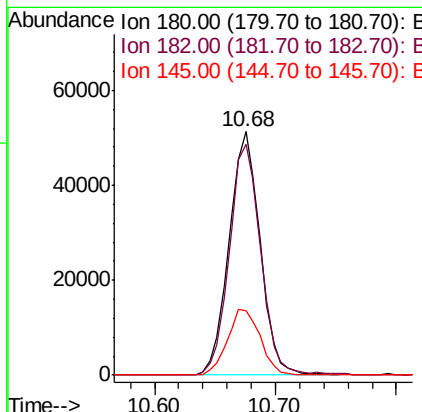
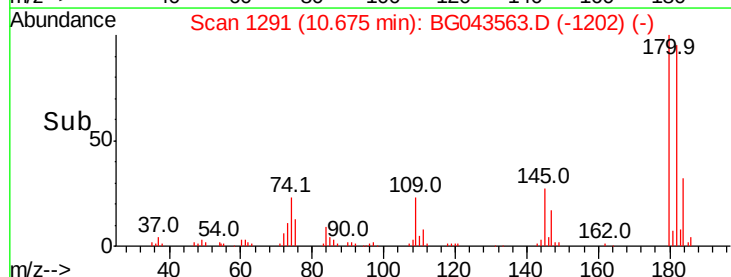
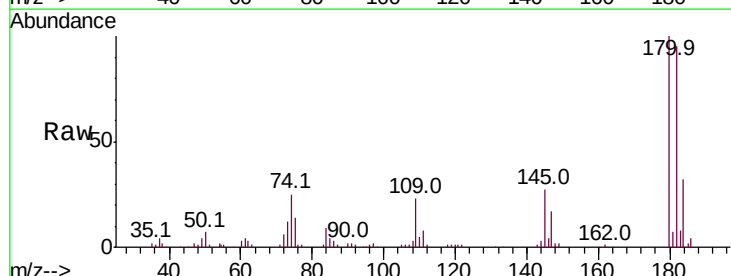
RT: 10.68 min Scan# 1291

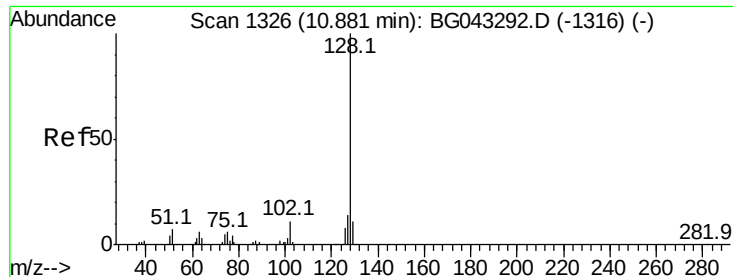
Delta R.T. -0.01 min

Lab File: BG043563.D

Acq: 8 Nov 2019 7:07

Tgt Ion:	180	Resp:	91492
Ion Ratio	Lower	Upper	
180	100		
182	94.7	75.1	112.7
145	26.6	23.9	35.9





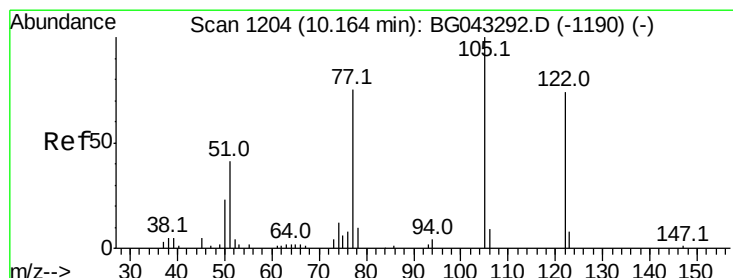
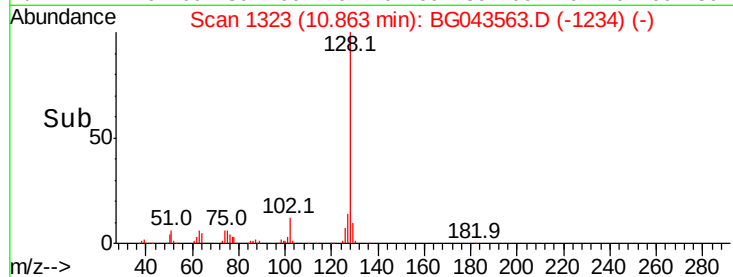
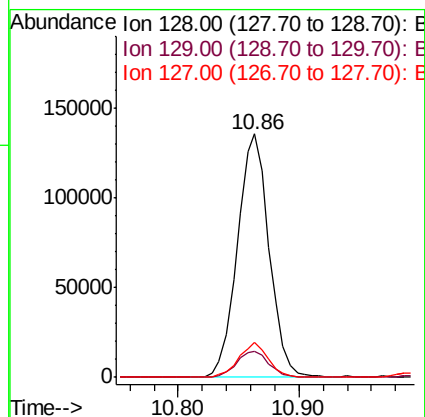
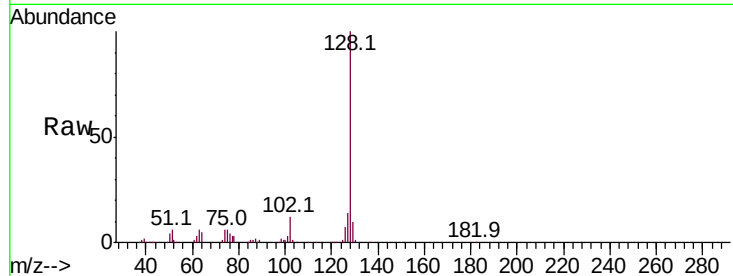
#31
Naphthalene
Concen: 46.165 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BG043563.D
Acq: 8 Nov 2019 7:07

Instrument :
BNA_G
ClientSampleId :
TR-05-110519MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.5	9.4	14.0	
127	14.1	11.1	16.7	

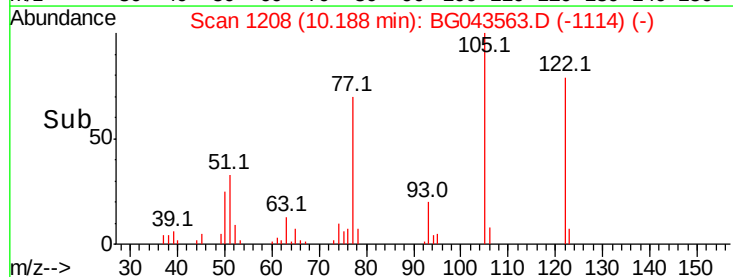
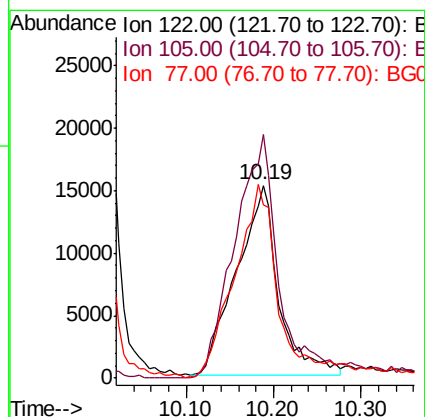
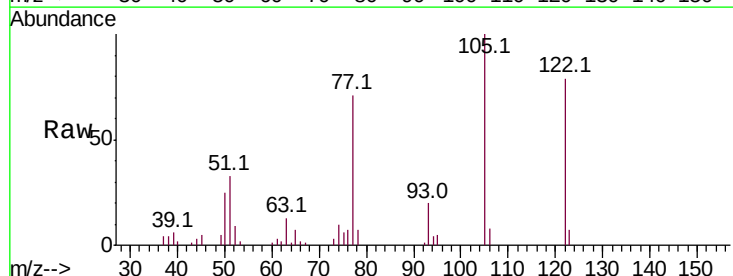
Manual Integrations
APPROVED

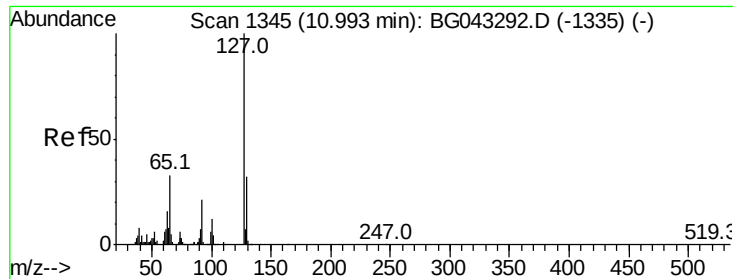
Sohil
11/8/2019 3:33:06 PM



#32
Benzoic acid
Concen: 47.923 ng
RT: 10.19 min Scan# 1208
Delta R.T. 0.02 min
Lab File: BG043563.D
Acq: 8 Nov 2019 7:07

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	126.2	103.3	143.3	
77	89.7	84.9	124.9	





#33

4-Chloroaniline

Concen: 3.787 ng

RT: 11.00 min Scan# 1346

Delta R.T. 0.02 min

Lab File: BG043563.D

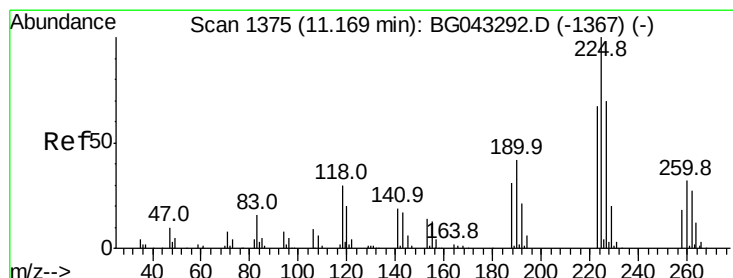
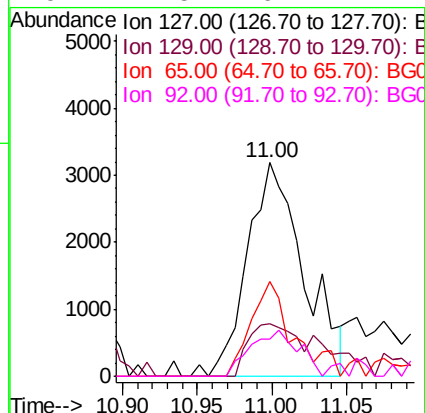
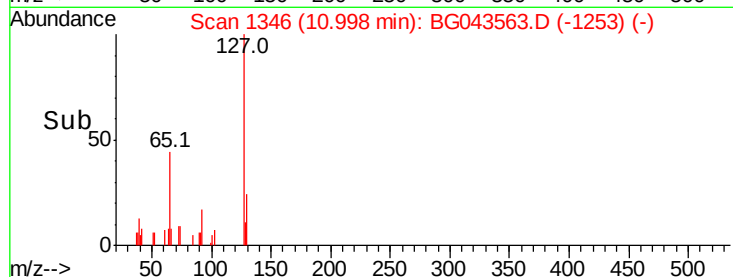
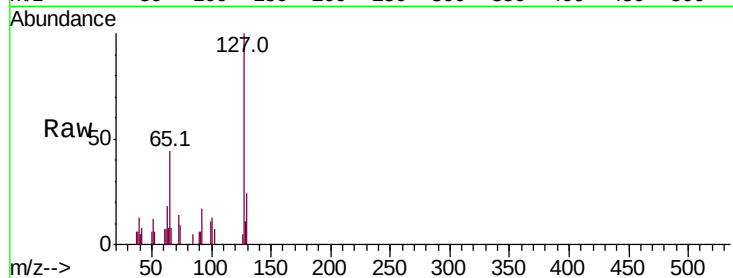
Acq: 8 Nov 2019 7:07

Instrument :
BNA_G
ClientSampleId :
TR-05-110519MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	24.5	26.5	39.7#
65	44.2	26.4	39.6#
92	17.5	16.2	24.2

Manual Integrations
APPROVED

Sohil
11/8/2019 3:33:06 PM



#34

Hexachlorobutadiene

Concen: 39.365 ng

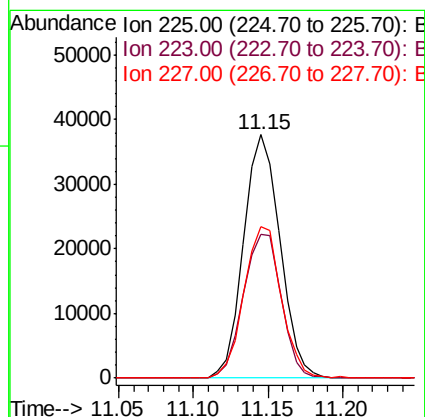
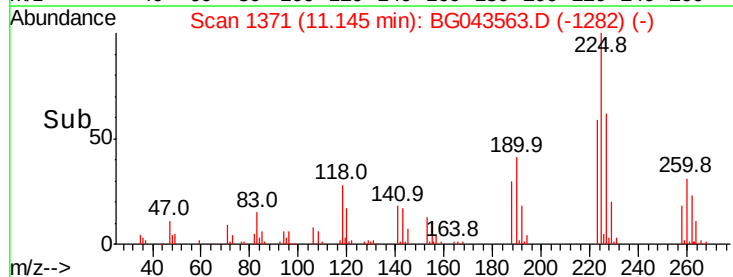
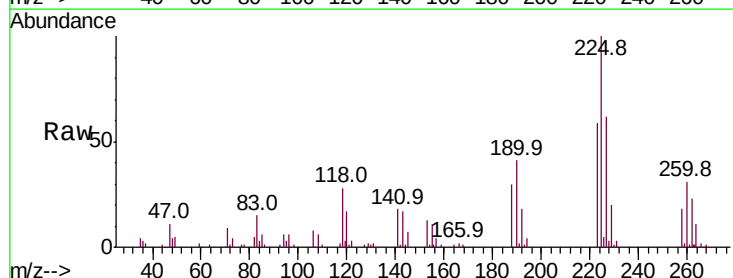
RT: 11.15 min Scan# 1371

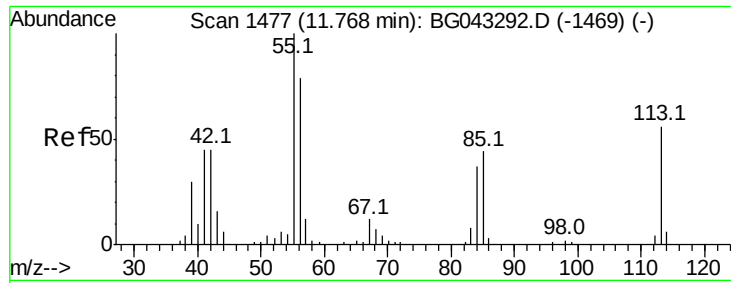
Delta R.T. -0.01 min

Lab File: BG043563.D

Acq: 8 Nov 2019 7:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.1	52.7	79.1
227	62.0	54.8	82.2





#35

Caprolactam

Concen: 46.550 ng/mL

RT: 11.75 min Scan# 1474

Delta R.T. 0.00 min

Lab File: BG043563.D

Acq: 8 Nov 2019 7:07

Instrument :

BNA_G

ClientSampleId :

TR-05-110519MSD

Tot Ion:113 Resp: 27802

Ion Ratio Lower Upper

113 100

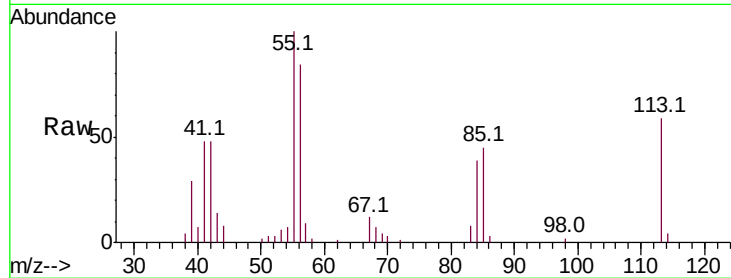
55 169.9 134.1 174.1

56 143.5 100.4 140.4#

Manual Integrations
APPROVED

Sohil

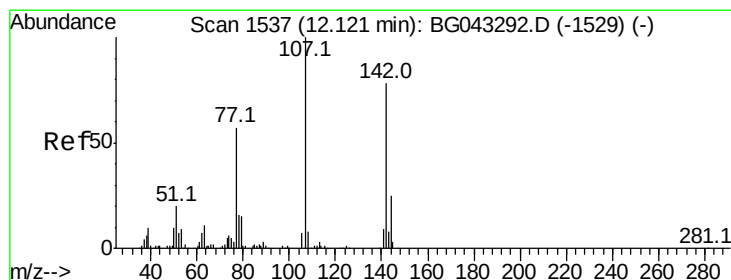
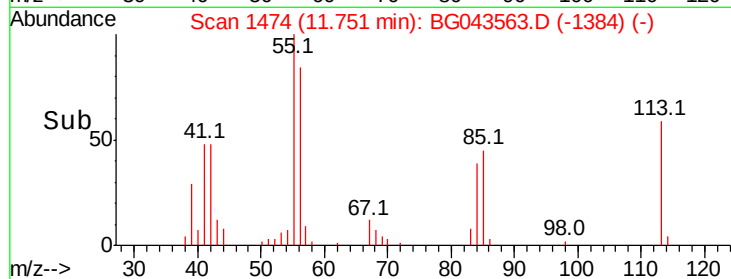
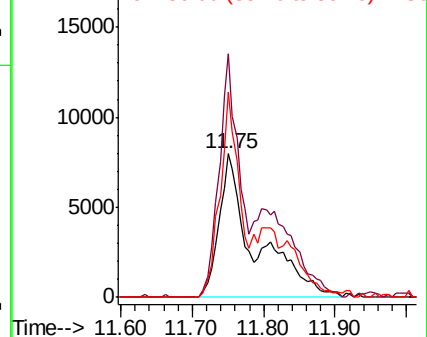
11/8/2019 3:33:06 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 52.966 ng/mL

RT: 12.13 min Scan# 1538

Delta R.T. 0.01 min

Lab File: BG043563.D

Acq: 8 Nov 2019 7:07

Tgt Ion:107 Resp: 100192

Ion Ratio Lower Upper

107 100

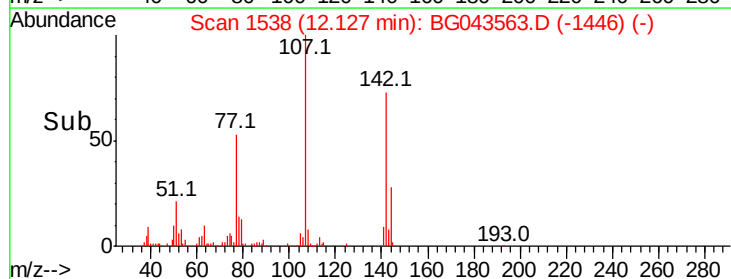
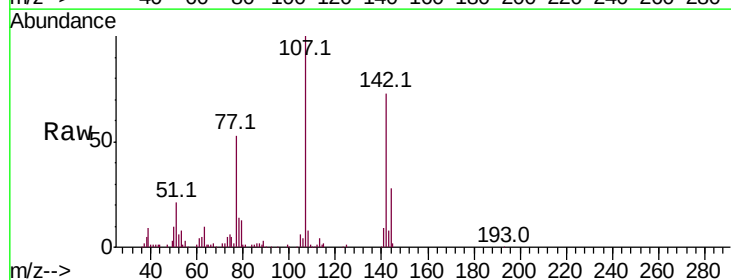
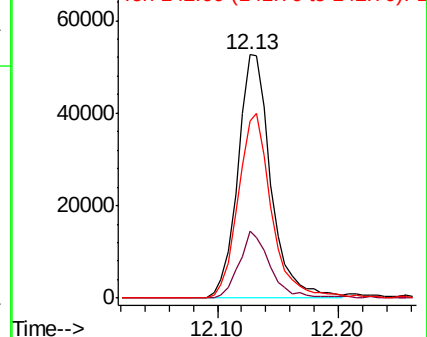
144 27.5 20.9 31.3

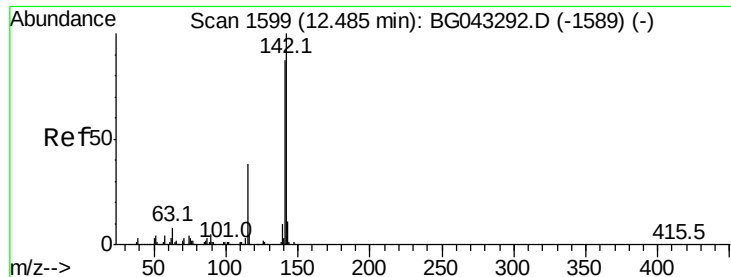
142 72.5 59.6 89.4

Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





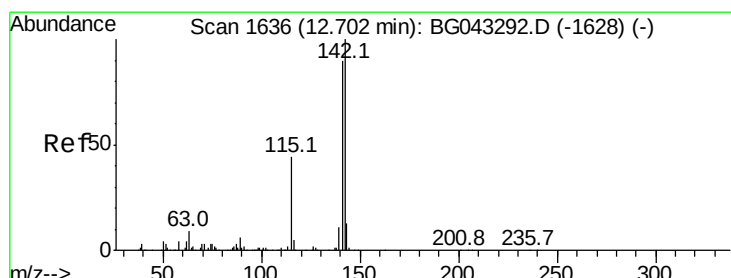
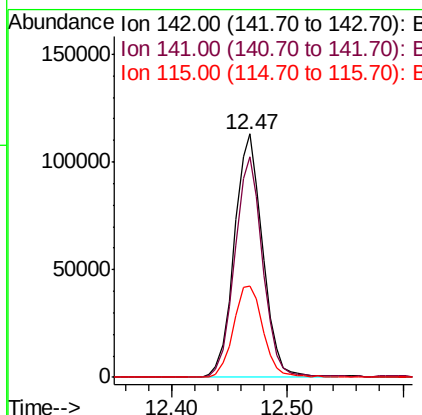
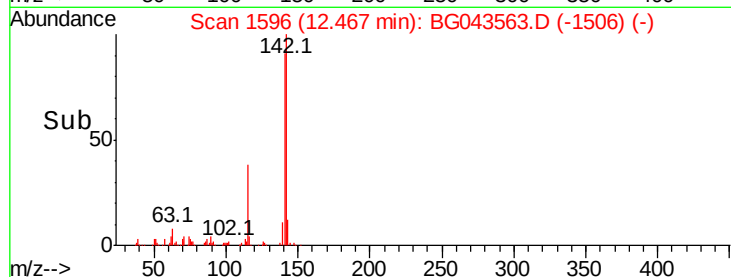
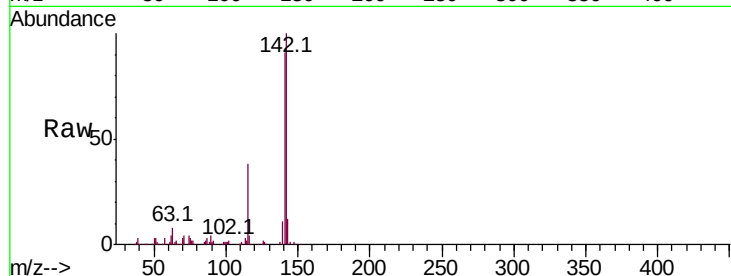
#37
2-Methylnaphthalene
Concen: 46.619 ng
RT: 12.47 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BG043563.D
Acq: 8 Nov 2019 7:07

Instrument :
BNA_G
ClientSampleId :
TR-05-110519MSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	192201		
141	90.6	72.2	108.2	
115	37.6	33.2	49.8	

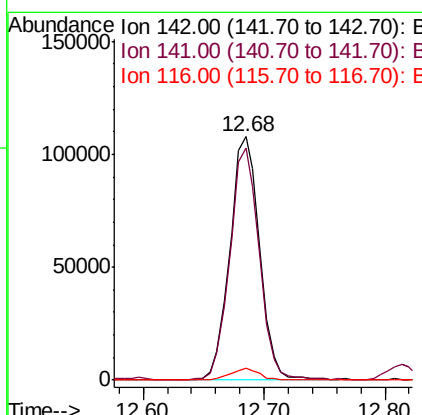
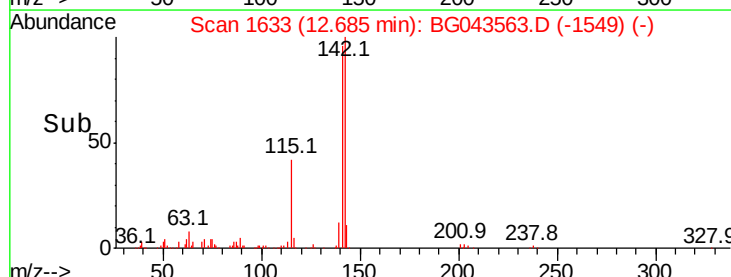
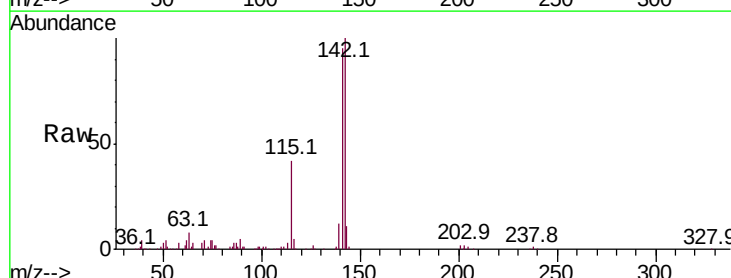
Manual Integrations
APPROVED

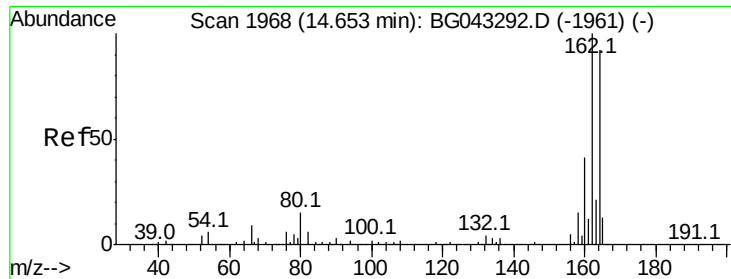
Sohil
11/8/2019 3:33:06 PM



#38
1-Methylnaphthalene
Concen: 47.091 ng
RT: 12.68 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BG043563.D
Acq: 8 Nov 2019 7:07

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	184724		
141	95.4	73.2	109.8	
116	4.9	3.6	5.4	





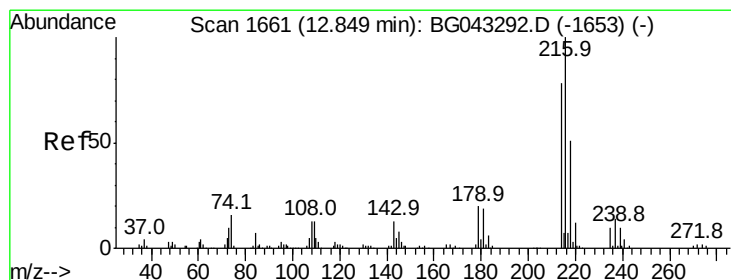
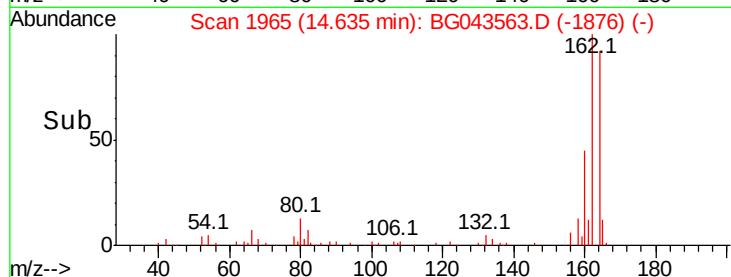
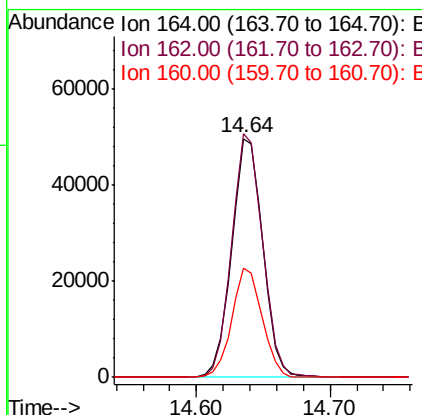
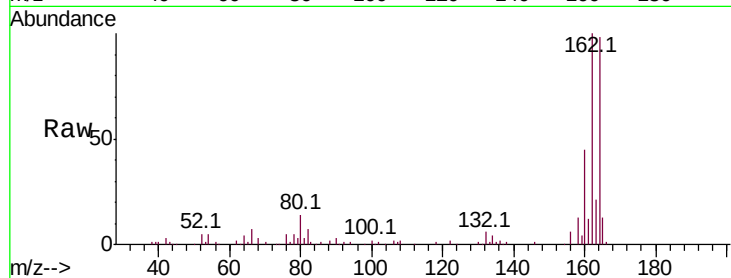
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BG043563.D
Acq: 8 Nov 2019 7:07

Instrument :
BNA_G
ClientSampleId :
TR-05-110519MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.0	83.5	125.3
160	45.6	36.5	54.7

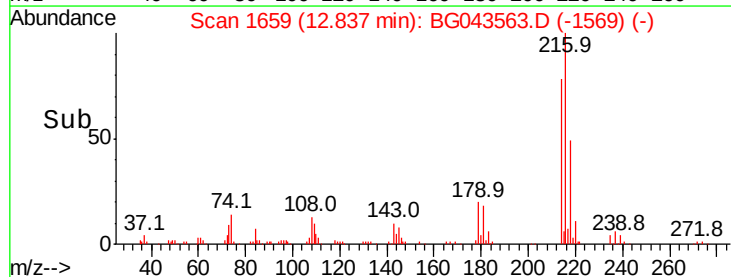
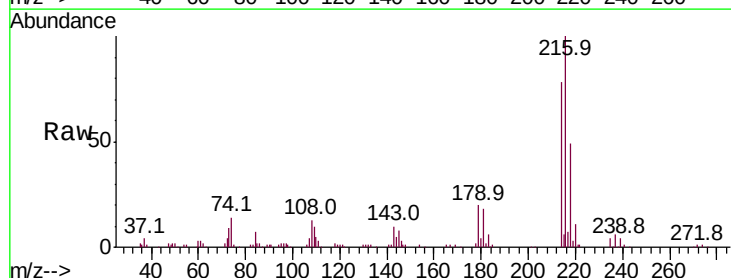
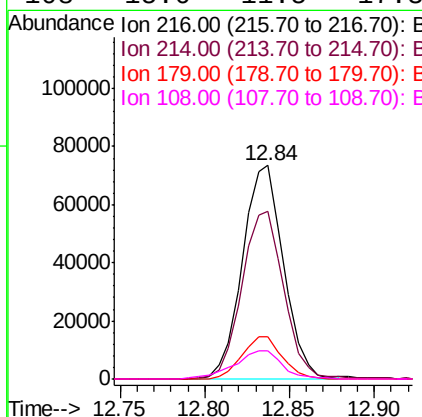
Manual Integrations
APPROVED

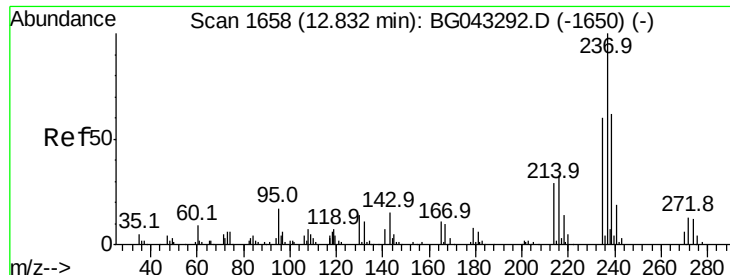
Sohil
11/8/2019 3:33:06 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.570 ng
RT: 12.84 min Scan# 1659
Delta R.T. 0.00 min
Lab File: BG043563.D
Acq: 8 Nov 2019 7:07

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.3	61.7	92.5
179	19.7	15.8	23.8
108	15.6	11.5	17.3





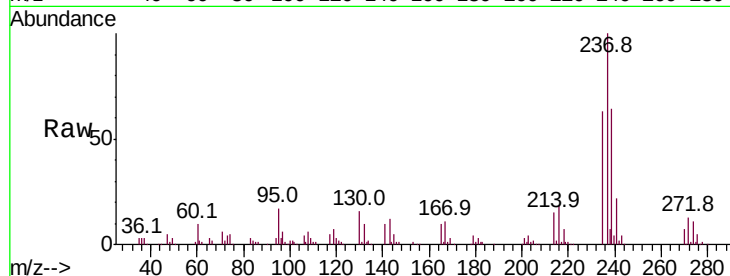
#41
Hexachlorocyclopentadiene
Concen: 68.935 ng
RT: 12.81 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BG043563.D
Acq: 8 Nov 2019 7:07

Instrument :
BNA_G
ClientSampleId :
TR-05-110519MSD

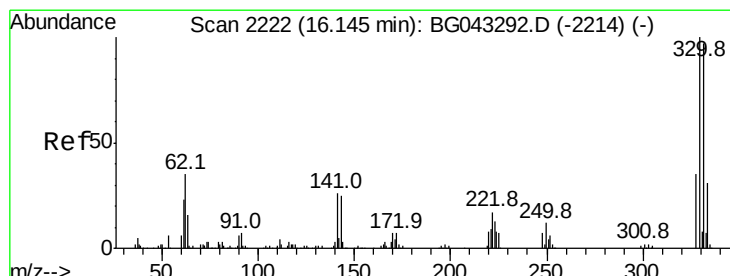
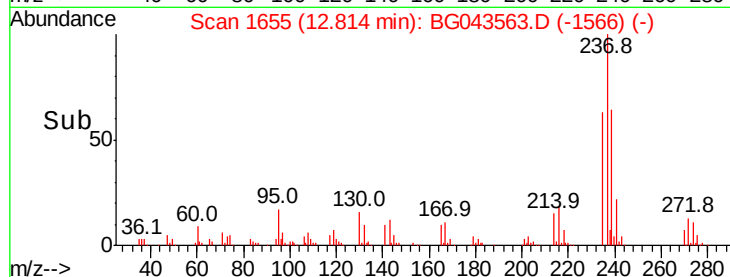
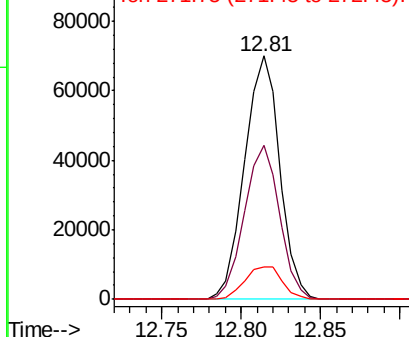
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.1	41.6	81.6
272	13.2	0.0	32.5

Manual Integrations
APPROVED

Sohil
11/8/2019 3:33:06 PM

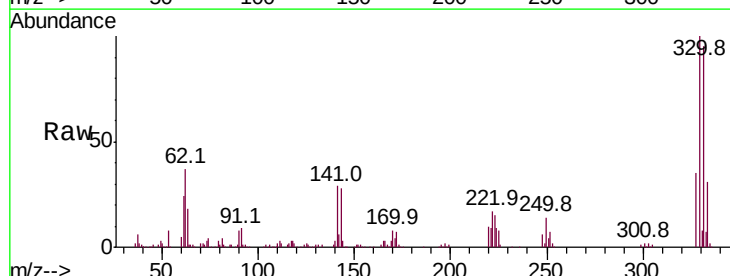


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

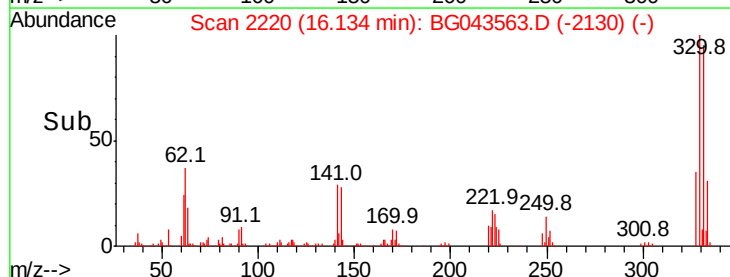
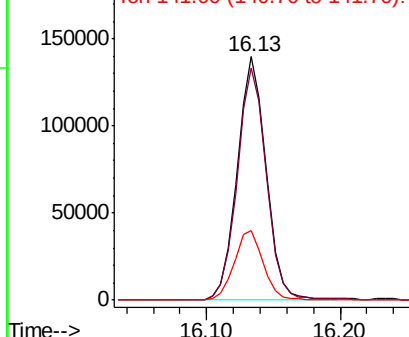


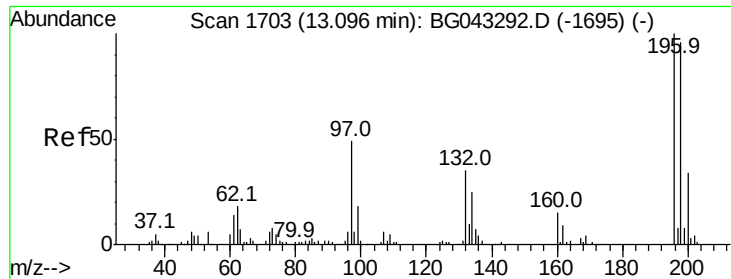
#42
2,4,6-Tribromophenol
Concen: 136.238 ng
RT: 16.13 min Scan# 2220
Delta R.T. 0.00 min
Lab File: BG043563.D
Acq: 8 Nov 2019 7:07

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.7	77.4	116.0
141	29.1	22.8	34.2



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





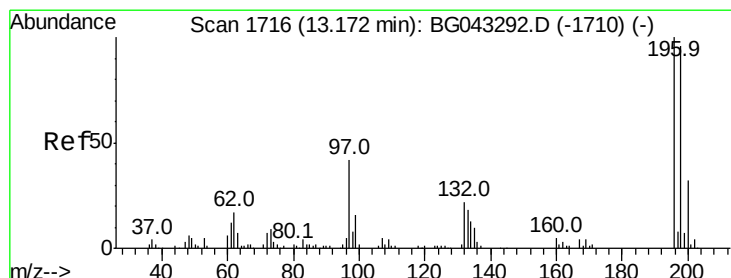
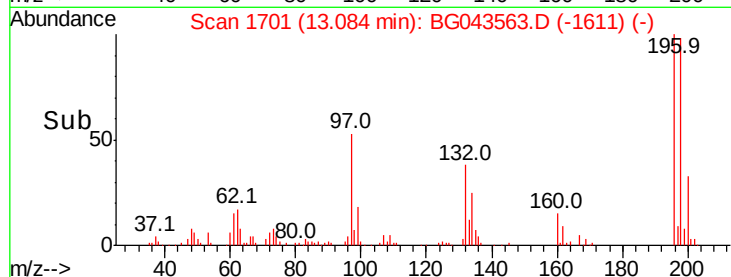
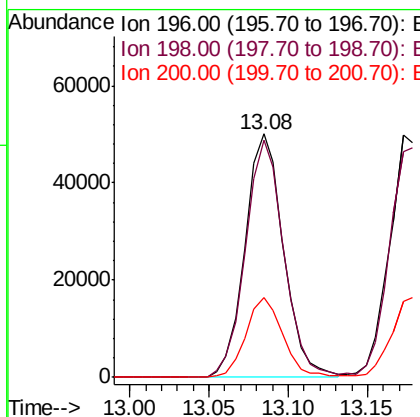
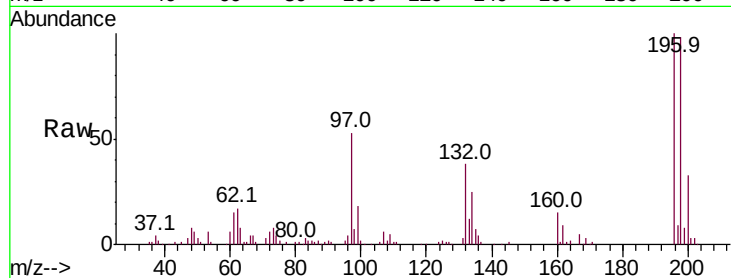
#43
 2,4,6-Trichlorophenol
 Concen: 48.260 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. 0.00 min
 Lab File: BG043563.D
 Acq: 8 Nov 2019 7:07

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-110519MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	84639		
198	97.6	75.8	113.6	
200	33.0	23.9	35.9	

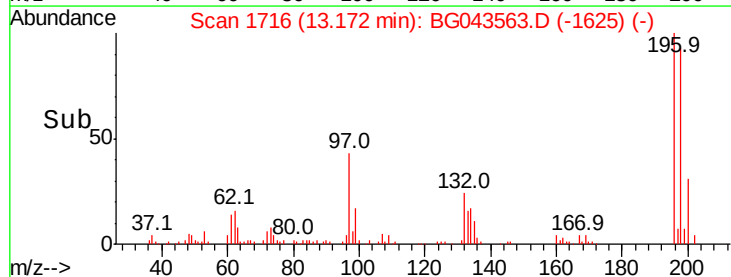
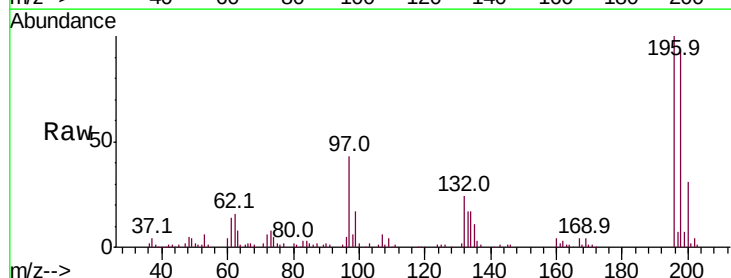
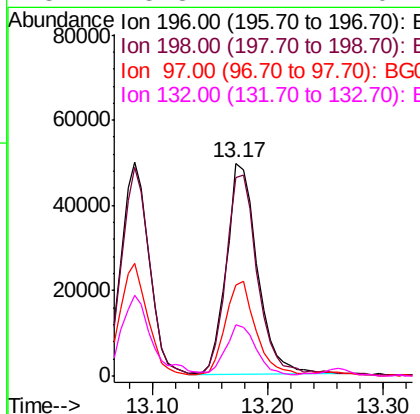
Manual Integrations
 APPROVED

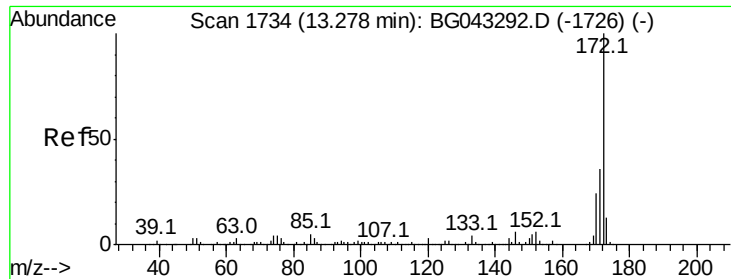
Sohil
 11/8/2019 3:33:06 PM



#44
 2,4,5-Trichlorophenol
 Concen: 52.282 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.01 min
 Lab File: BG043563.D
 Acq: 8 Nov 2019 7:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	92699		
198	93.2	74.5	111.7	
97	42.7	36.3	54.5	
132	23.8	17.4	26.2	





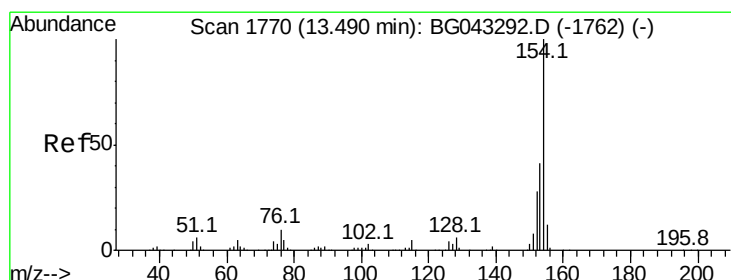
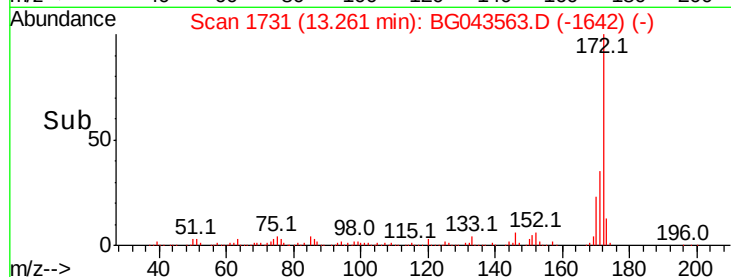
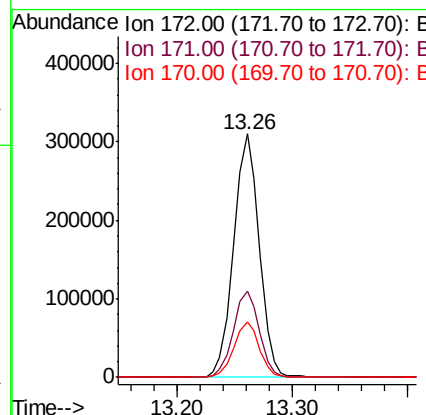
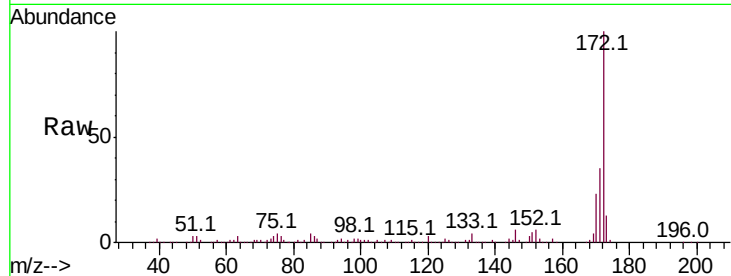
#45
2-Fluorobiphenyl
Concen: 81.647 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG043563.D
Acq: 8 Nov 2019 7:07

Instrument :
BNA_G
ClientSampleId :
TR-05-110519MSD

Tot Ion	Ratio	Resp	Lower	Upper
172	100	475467		
171	35.3	28.9	43.3	
170	22.5	18.5	27.7	

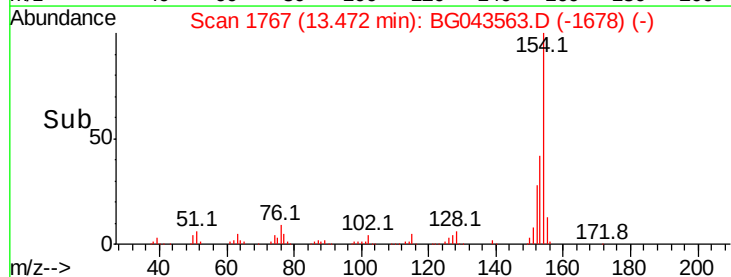
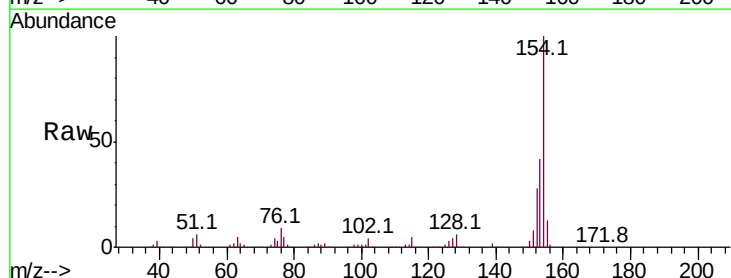
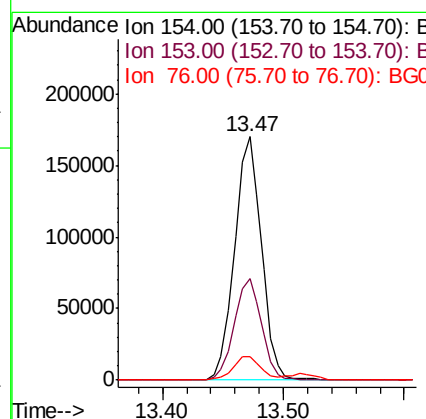
Manual Integrations
APPROVED

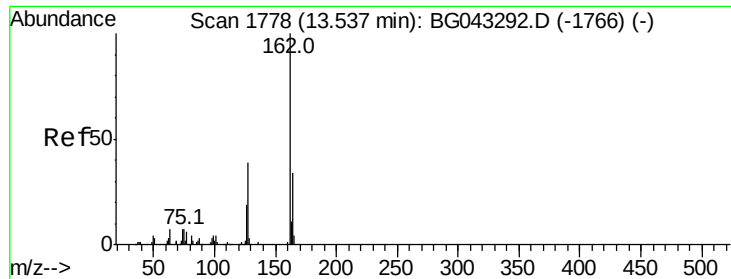
Sohil
11/8/2019 3:33:06 PM



#46
1,1'-Biphenyl
Concen: 43.153 ng
RT: 13.47 min Scan# 1767
Delta R.T. -0.01 min
Lab File: BG043563.D
Acq: 8 Nov 2019 7:07

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	264165		
153	41.7	19.9	59.9	
76	9.5	0.0	29.4	





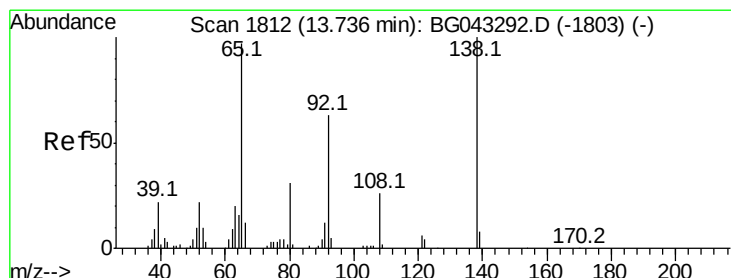
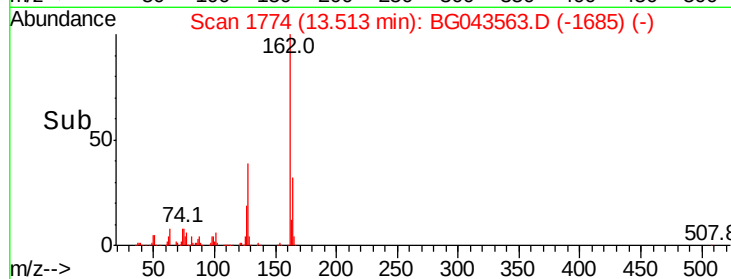
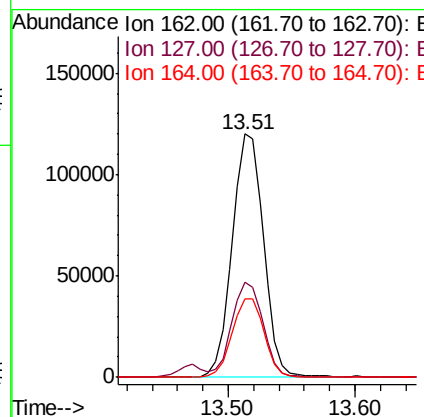
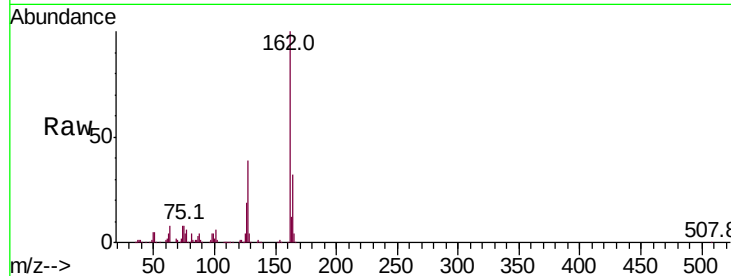
#47
2-Chloronaphthalene
Concen: 43.929 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BG043563.D
Acq: 8 Nov 2019 7:07

Instrument :
BNA_G
ClientSampleId :
TR-05-110519MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.1	31.2	46.8
164	32.1	25.8	38.8

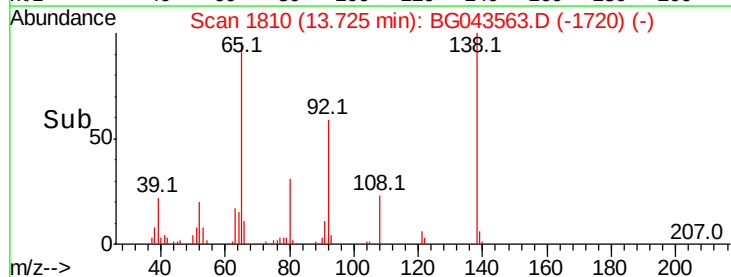
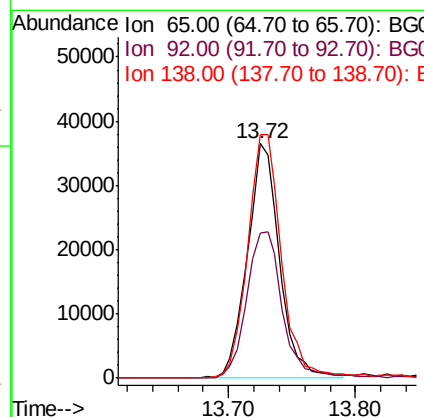
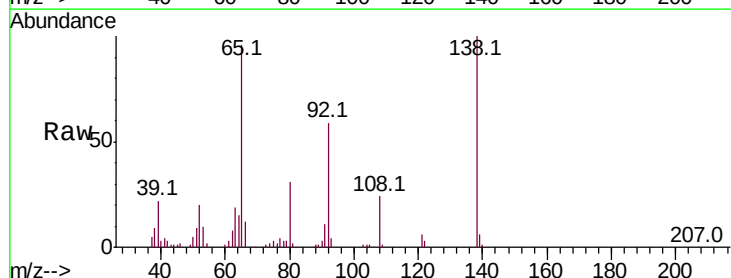
Manual Integrations
APPROVED

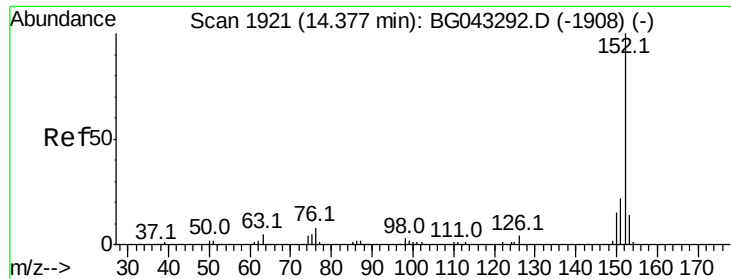
Sohil
11/8/2019 3:33:06 PM



#48
2-Nitroaniline
Concen: 46.363 ng
RT: 13.72 min Scan# 1810
Delta R.T. 0.00 min
Lab File: BG043563.D
Acq: 8 Nov 2019 7:07

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.7	56.2	84.2
138	103.8	82.6	123.8





#49

Acenaphthylene

Concen: 47.470 ng

RT: 14.36 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BG043563.D

Acq: 8 Nov 2019 7:07

Instrument :

BNA_G

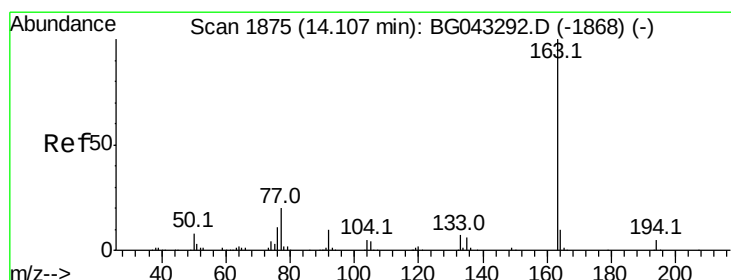
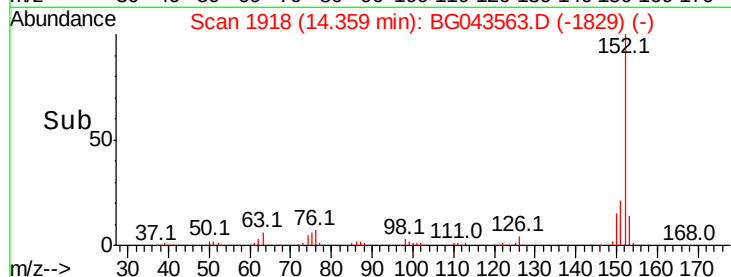
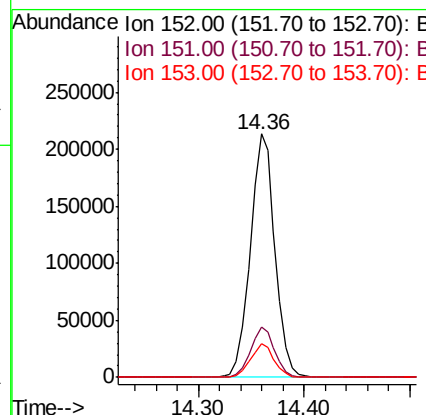
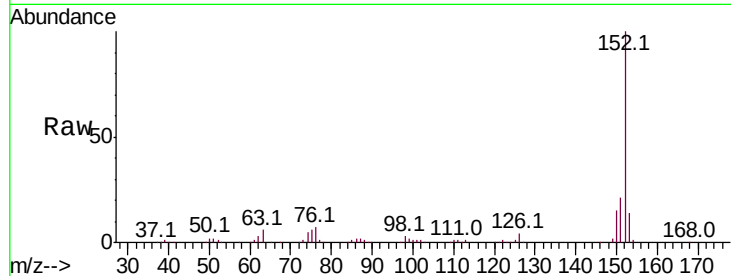
ClientSampleId :

TR-05-110519MSD

Tot Ion:	152	Resp:	344116
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.2	24.4
153	13.9	10.6	15.8

Manual Integrations
APPROVED

Sohil
11/8/2019 3:33:06 PM



#50

Dimethylphthalate

Concen: 54.339 ng

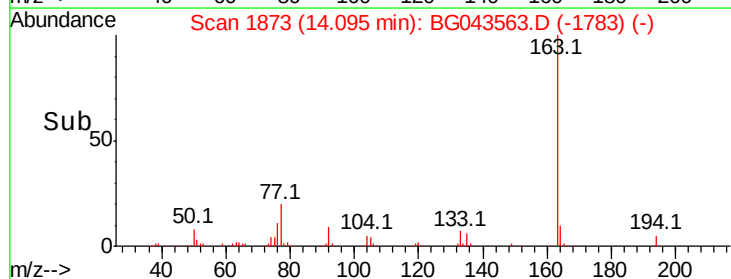
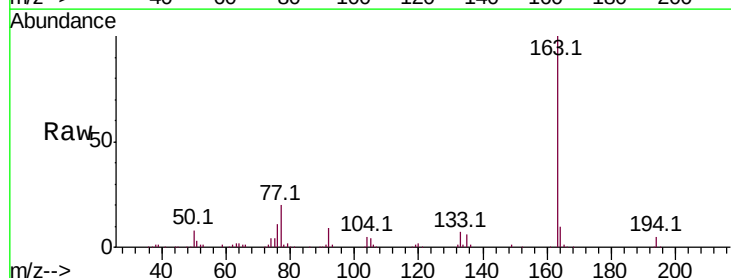
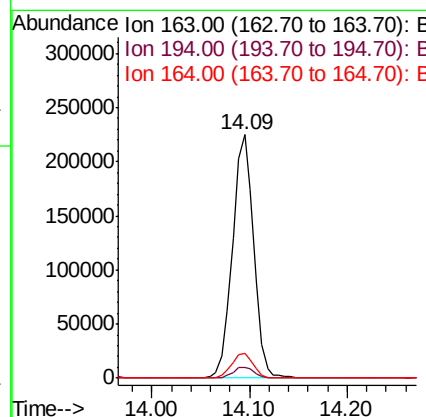
RT: 14.09 min Scan# 1873

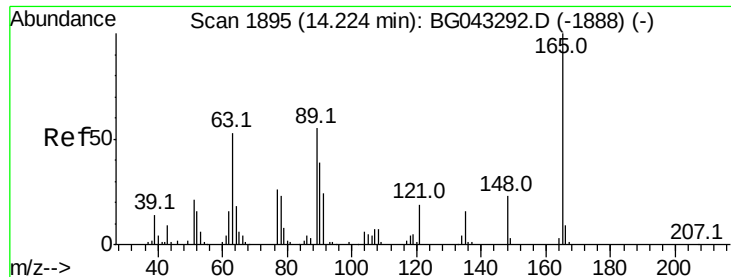
Delta R.T. 0.00 min

Lab File: BG043563.D

Acq: 8 Nov 2019 7:07

Tgt Ion:	163	Resp:	338689
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.8	5.6
164	10.2	8.9	13.3





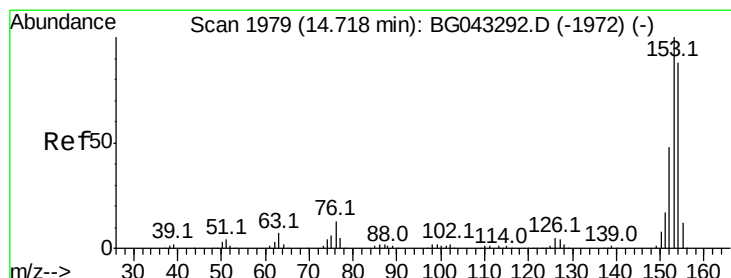
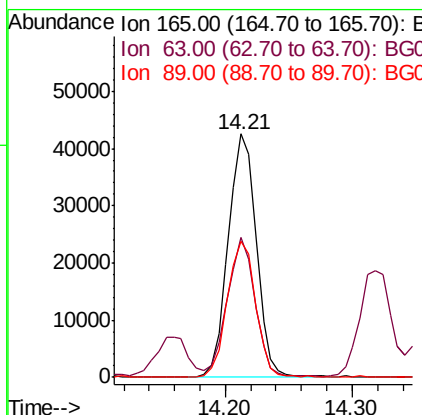
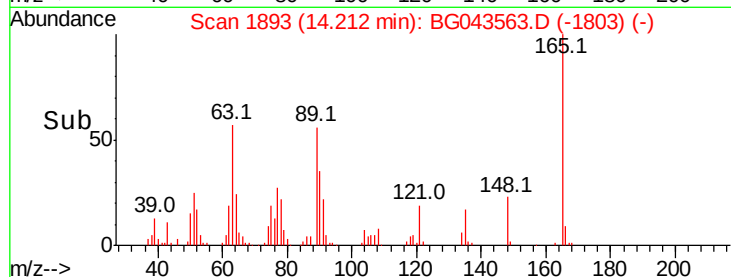
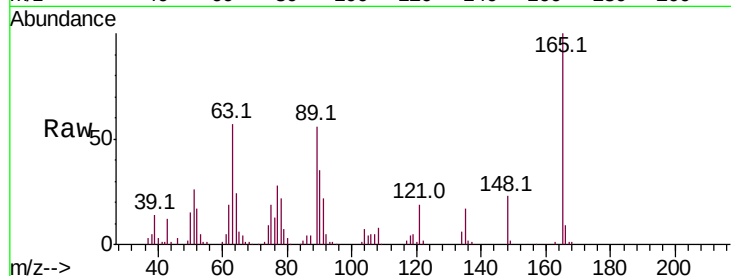
#51
2,6-Dinitrotoluene
Concen: 48.197 ng
RT: 14.21 min Scan# 1893
Delta R.T. 0.00 min
Lab File: BG043563.D
Acq: 8 Nov 2019 7:07

Instrument :
BNA_G
ClientSampleId :
TR-05-110519MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	57.5	46.6	69.8
89	56.1	45.1	67.7

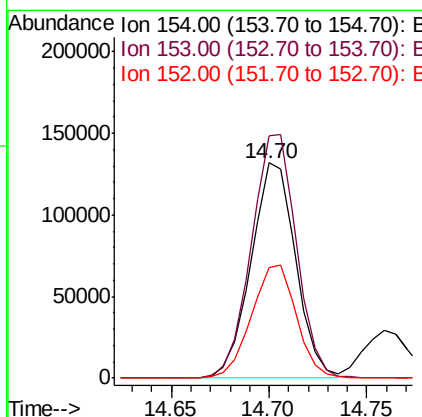
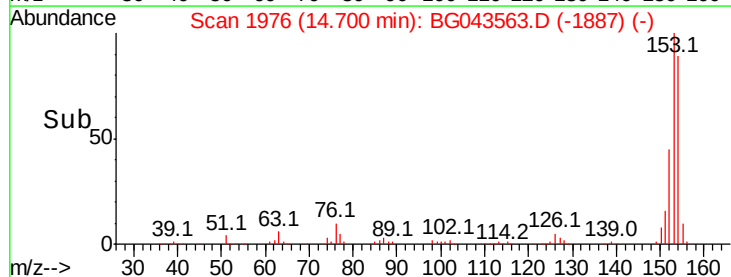
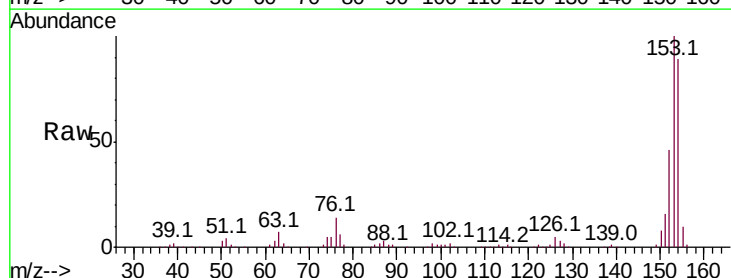
Manual Integrations
APPROVED

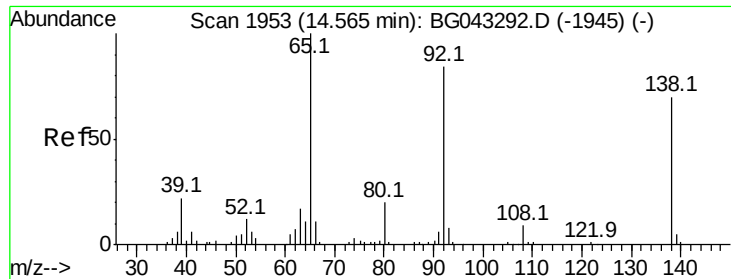
Sohil
11/8/2019 3:33:06 PM



#52
Acenaphthene
Concen: 47.198 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG043563.D
Acq: 8 Nov 2019 7:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.4	88.2	132.2
152	51.4	40.0	60.0





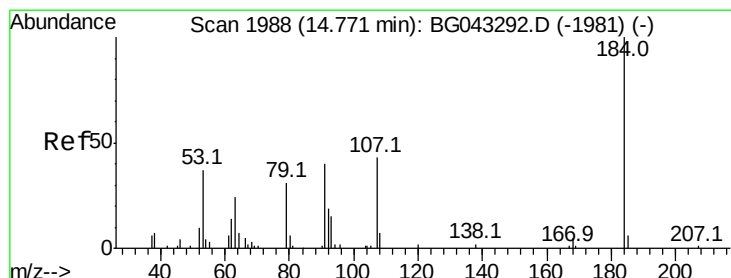
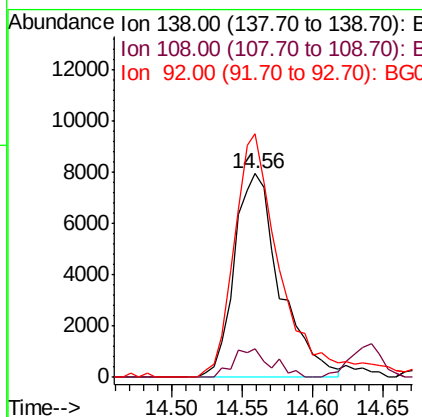
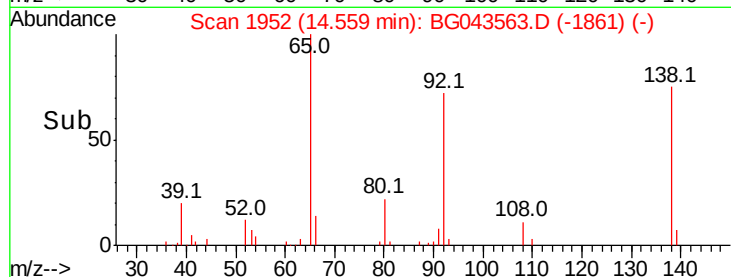
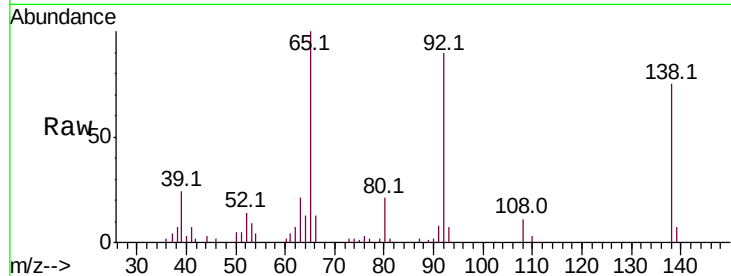
#53
 3-Nitroaniline
 Concen: 13.721 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. 0.01 min
 Lab File: BG043563.D
 Acq: 8 Nov 2019 7:07

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-110519MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	14.1	8.0	12.0#
92	119.6	90.9	136.3

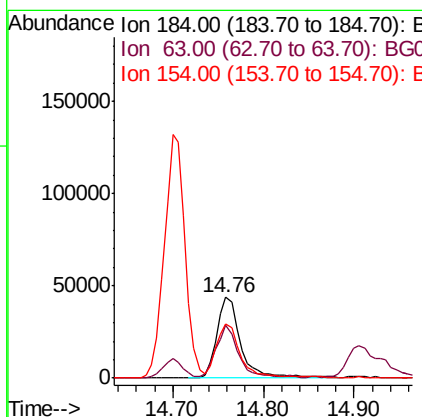
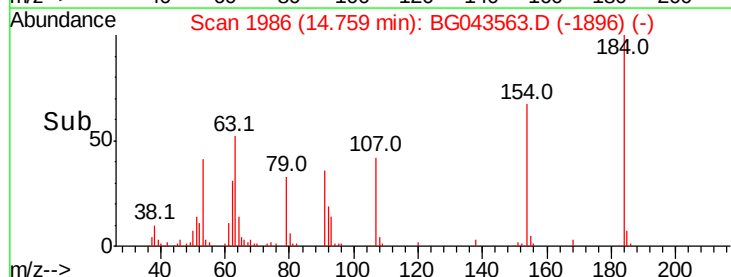
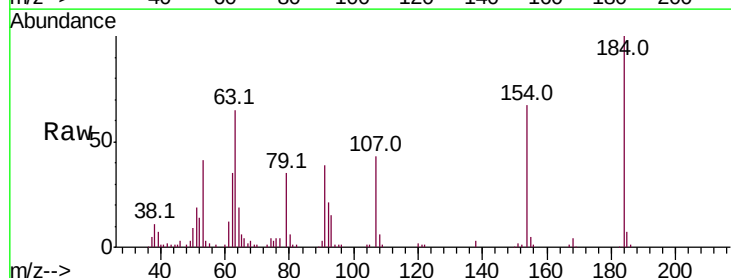
Manual Integrations
 APPROVED

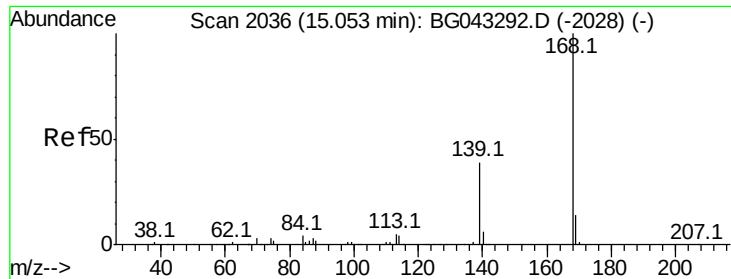
Sohil
 11/8/2019 3:33:06 PM



#54
 2,4-Dinitrophenol
 Concen: 93.723 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: BG043563.D
 Acq: 8 Nov 2019 7:07

Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.9	51.3	76.9
154	66.7	55.4	83.0





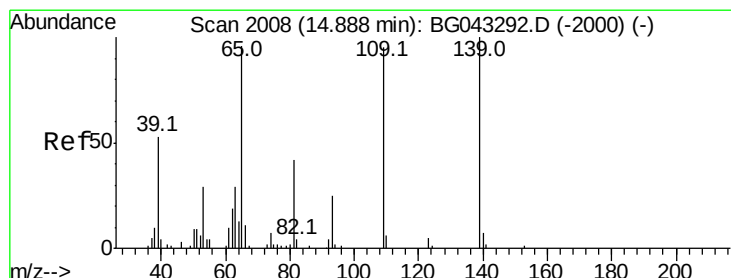
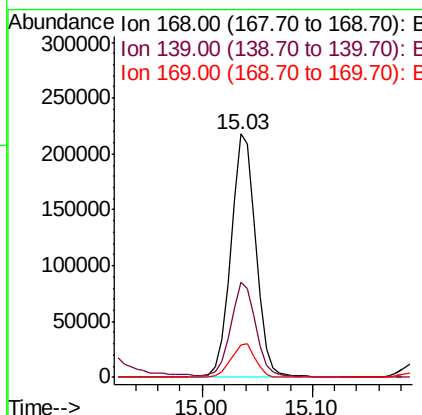
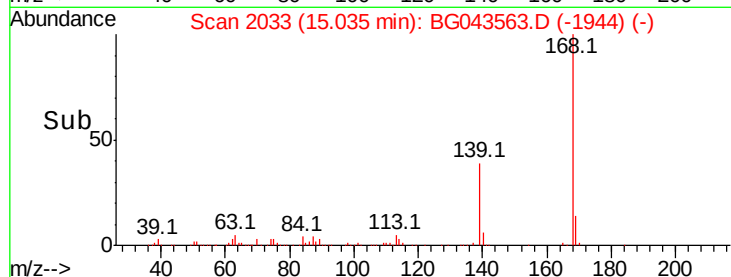
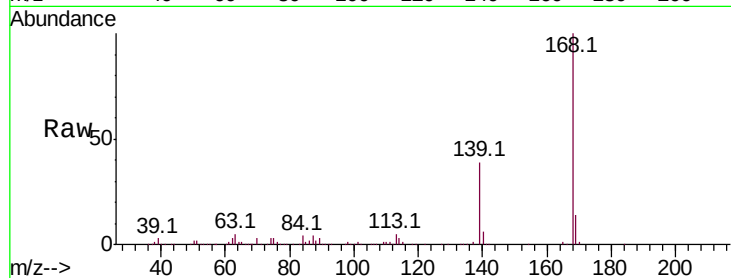
#55
Dibenzenofuran
Concen: 48.064 ng
RT: 15.03 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BG043563.D
Acq: 8 Nov 2019 7:07

Instrument :
BNA_G
ClientSampleId :
TR-05-110519MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.0	31.0	46.6
169	13.6	11.7	17.5

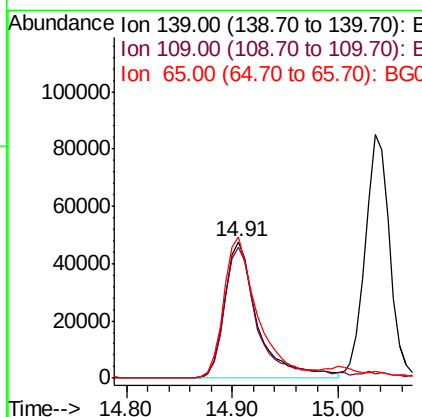
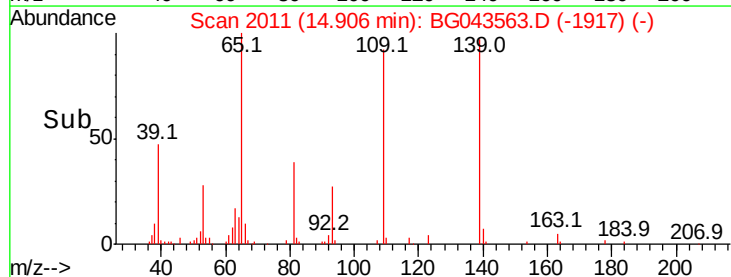
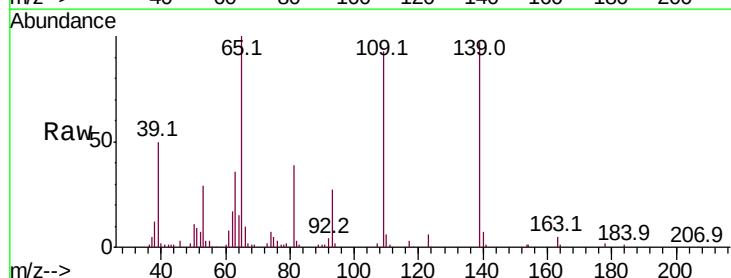
Manual Integrations
APPROVED

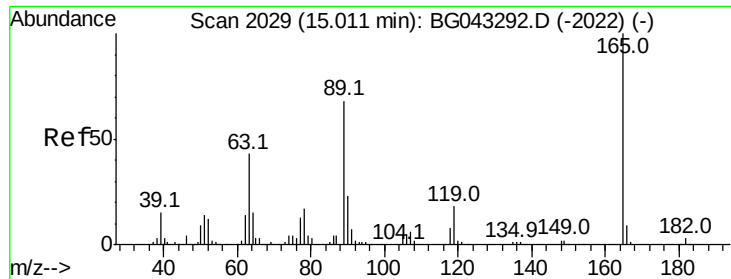
Sohil
11/8/2019 3:33:06 PM



#56
4-Nitrophenol
Concen: 117.275 ng
RT: 14.91 min Scan# 2011
Delta R.T. 0.02 min
Lab File: BG043563.D
Acq: 8 Nov 2019 7:07

Tgt Ion	Ratio	Lower	Upper
139	100		
109	95.6	87.2	127.2
65	103.2	83.8	123.8





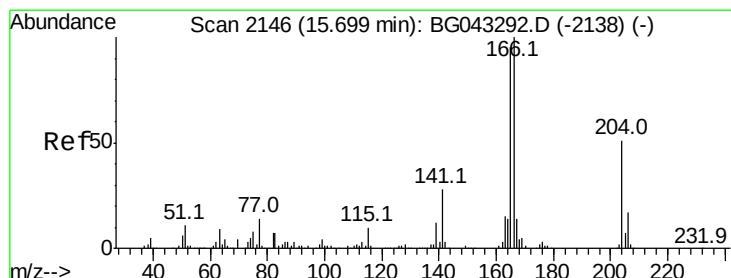
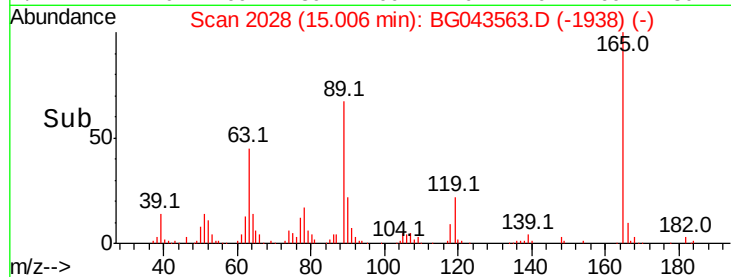
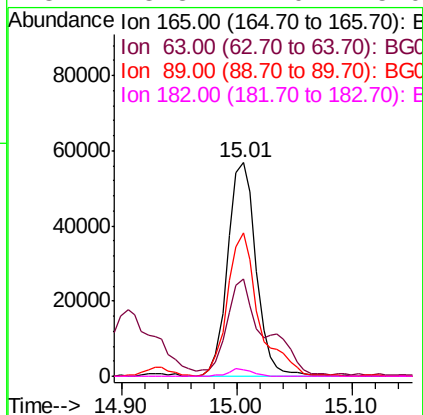
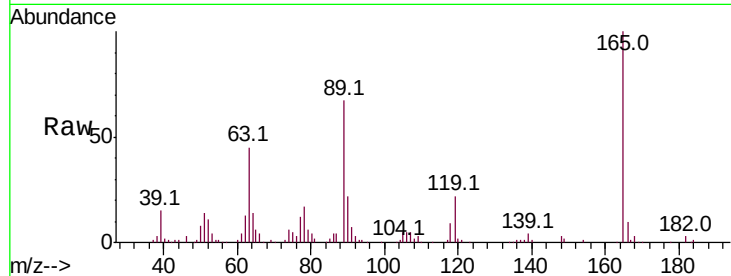
#57
2,4-Dinitrotoluene
Concen: 50.143 ng
RT: 15.01 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BG043563.D
Acq: 8 Nov 2019 7:07

Instrument :
BNA_G
ClientSampleId :
TR-05-110519MSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	45.3	33.2	49.8
89	67.0	52.2	78.4
182	3.3	2.0	3.0

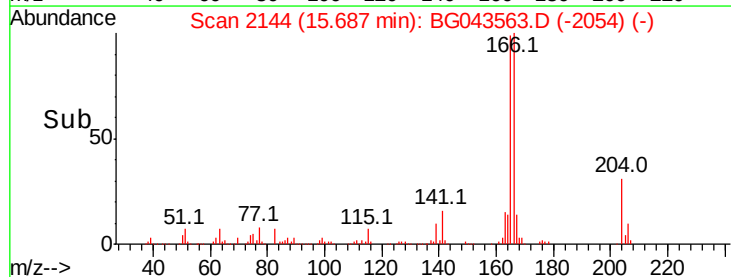
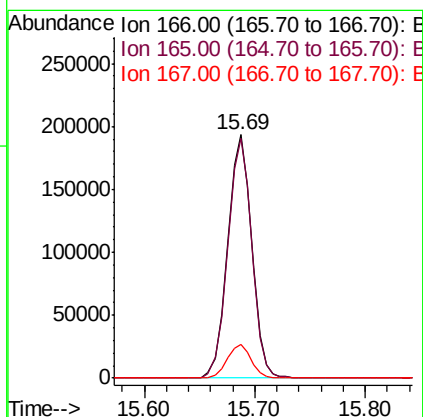
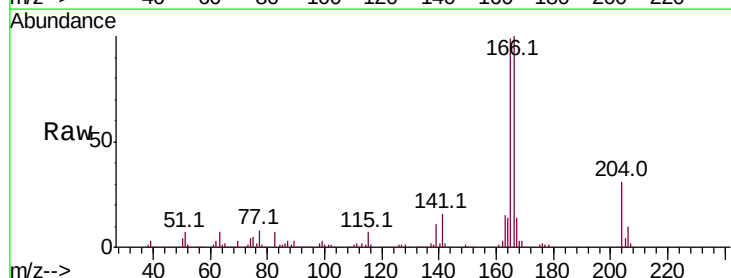
Manual Integrations
APPROVED

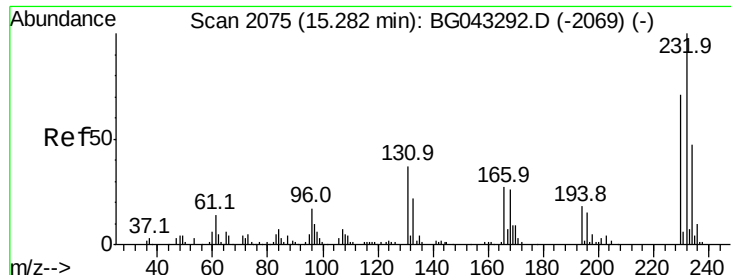
Sohil
11/8/2019 3:33:06 PM



#58
Fluorene
Concen: 49.180 ng
RT: 15.69 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BG043563.D
Acq: 8 Nov 2019 7:07

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	98.6	79.0	118.6
167	14.0	10.5	15.7





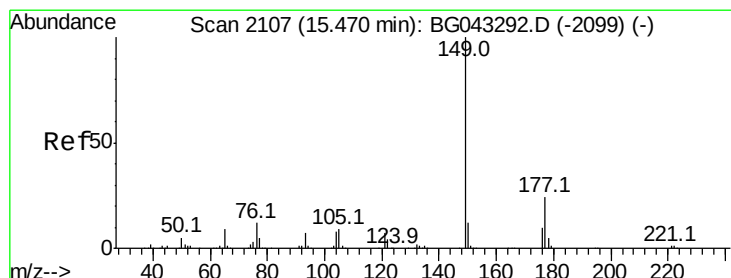
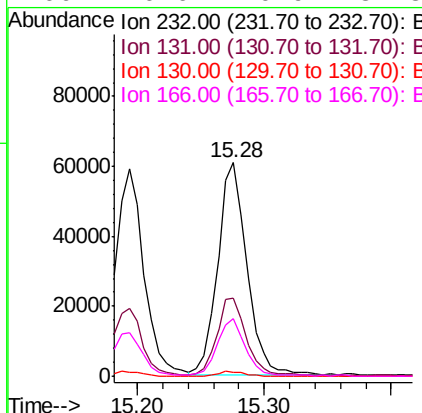
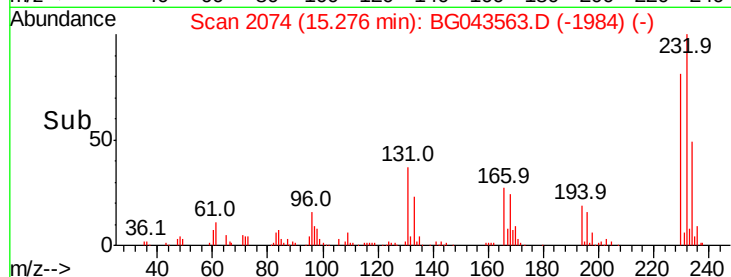
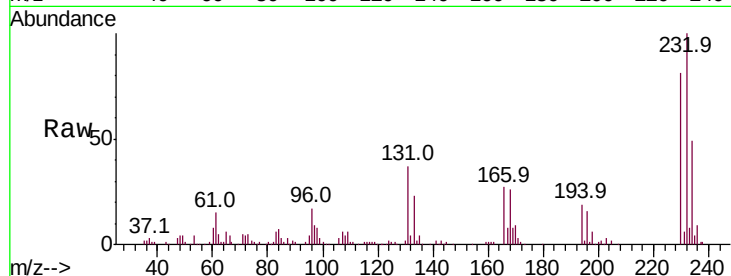
#59
2,3,4,6-Tetrachlorophenol
Concen: 51.653 ng
RT: 15.28 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BG043563.D
Acq: 8 Nov 2019 7:07

Instrument :
BNA_G
ClientSampleId :
TR-05-110519MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	97303		
131	36.1		26.9	40.3
130	2.2		1.8	2.6
166	26.6		20.9	31.3

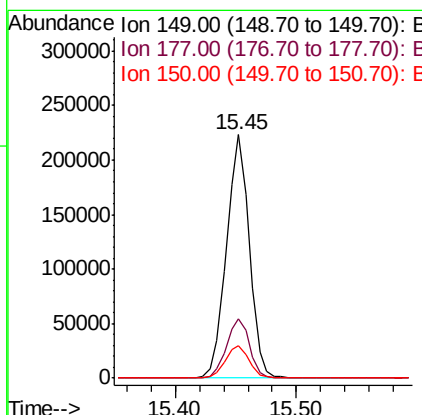
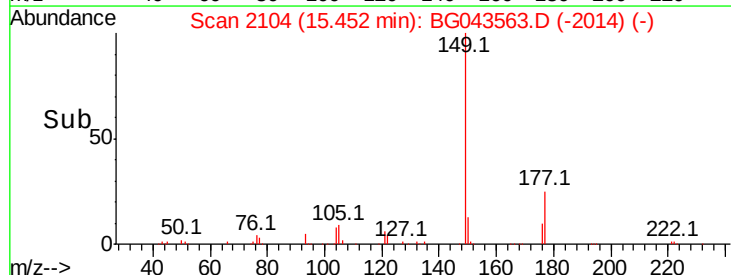
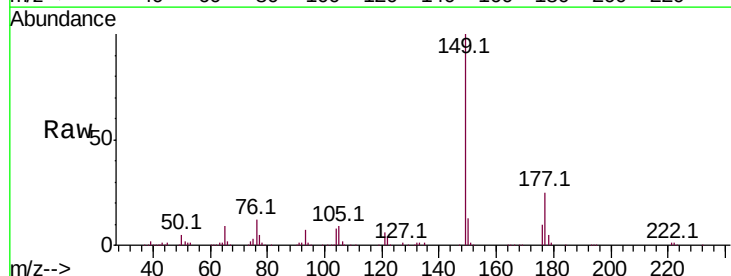
Manual Integrations
APPROVED

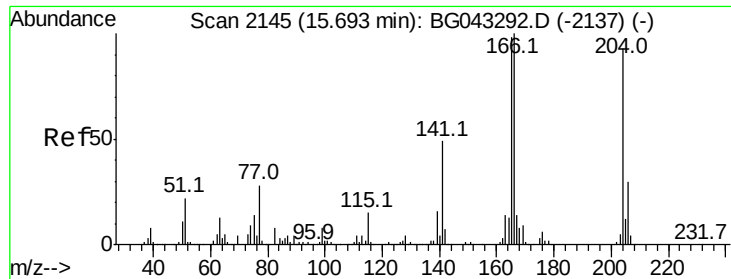
Sohil
11/8/2019 3:33:06 PM



#60
Diethylphthalate
Concen: 46.685 ng
RT: 15.45 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BG043563.D
Acq: 8 Nov 2019 7:07

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	292376		
177	24.6		19.6	29.4
150	13.3		10.8	16.2





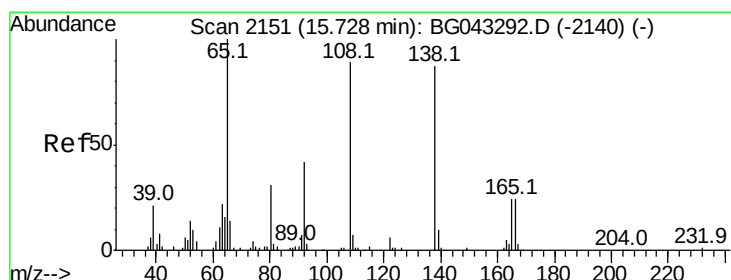
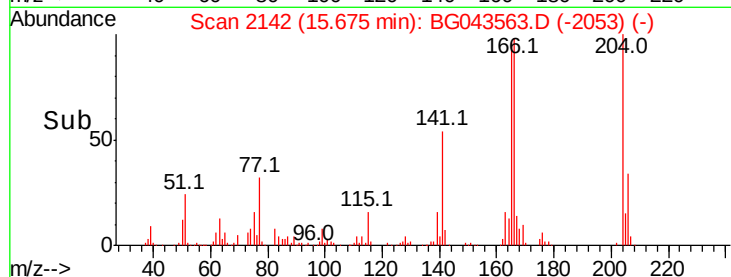
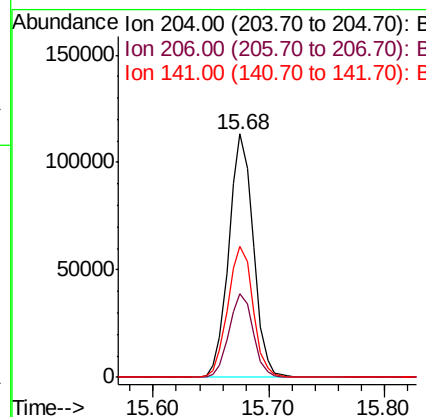
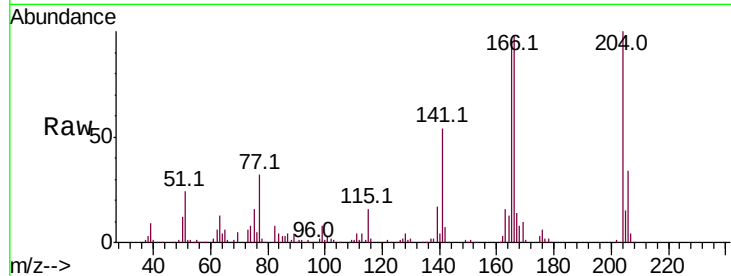
#61
4-Chlorophenyl-phenylether
Concen: 47.439 ng
RT: 15.68 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG043563.D
Acq: 8 Nov 2019 7:07

Instrument :
BNA_G
ClientSampleId :
TR-05-110519MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.2	28.4	42.6
141	53.8	43.0	64.6

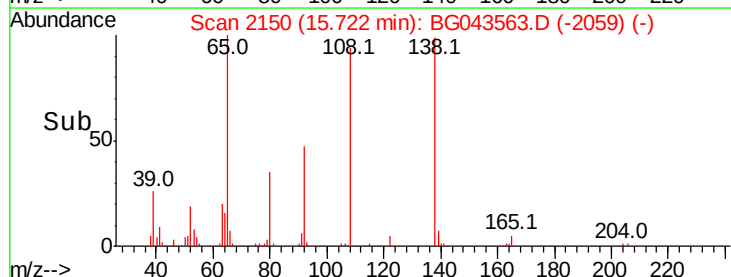
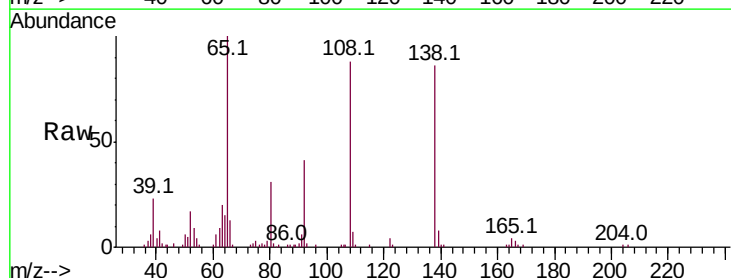
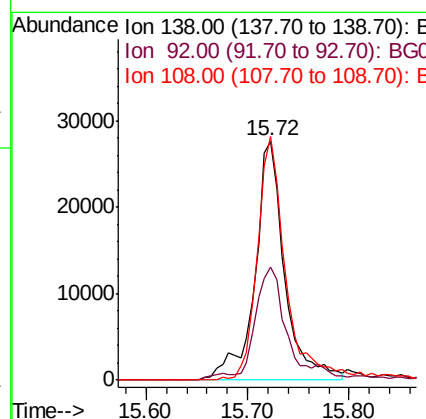
Manual Integrations
APPROVED

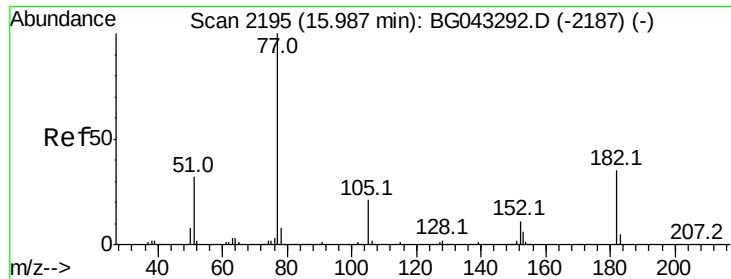
Sohil
11/8/2019 3:33:06 PM



#62
4-Nitroaniline
Concen: 41.764 ng
RT: 15.72 min Scan# 2150
Delta R.T. 0.01 min
Lab File: BG043563.D
Acq: 8 Nov 2019 7:07

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.4	33.4	73.4
108	102.0	78.0	118.0





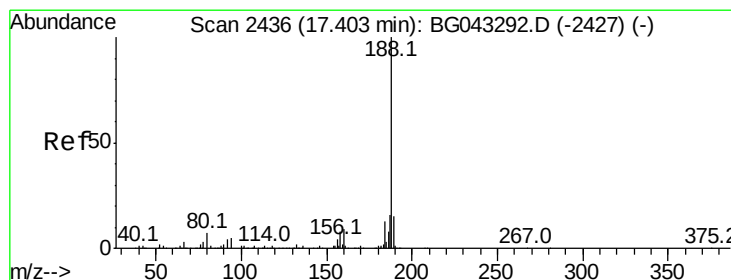
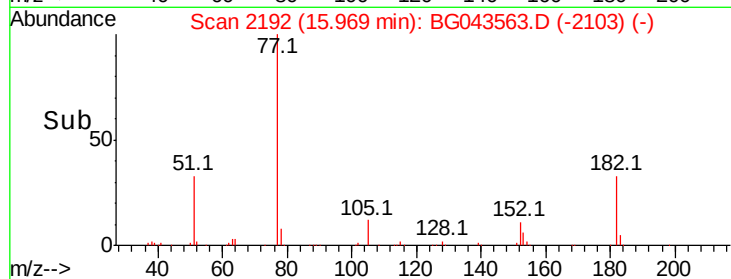
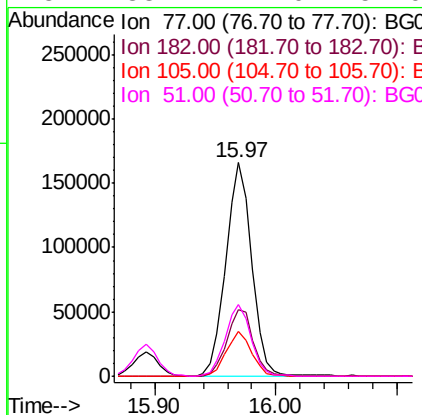
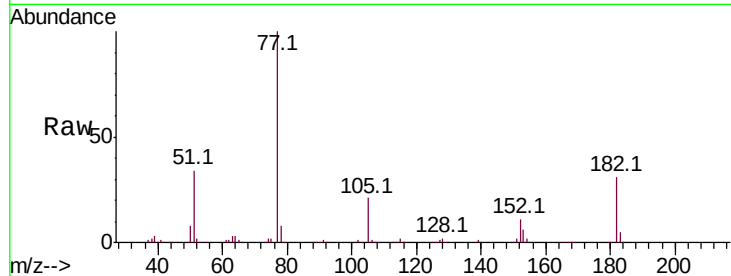
#63
Azobenzene
Concen: 48.474 ng
RT: 15.97 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BG043563.D
Acq: 8 Nov 2019 7:07

Instrument :
BNA_G
ClientSampleId :
TR-05-110519MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		245693		
182	30.9	13.7	53.7		
105	20.9	0.4	40.4		
51	33.7	11.0	51.0		

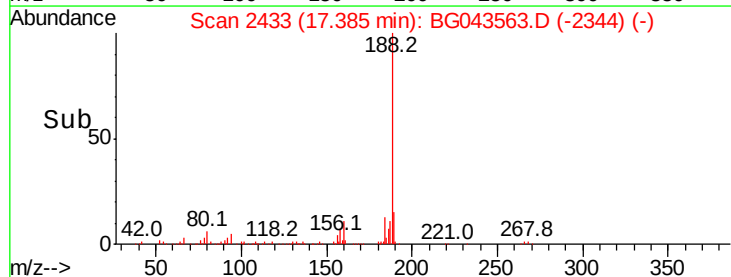
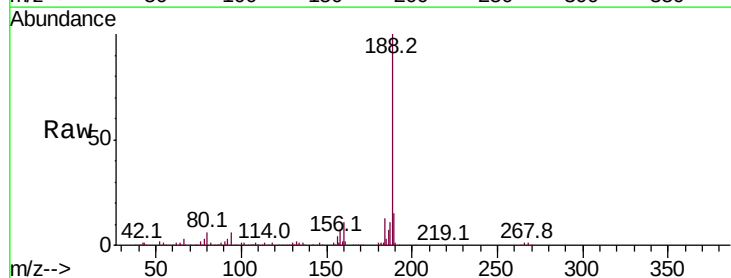
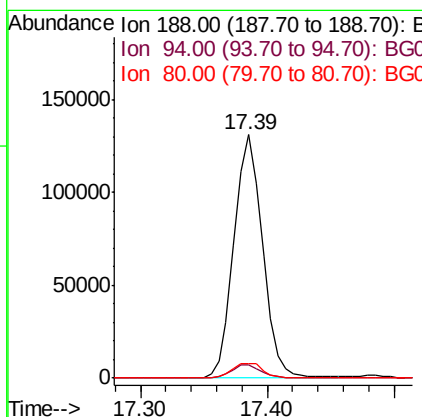
Manual Integrations
APPROVED

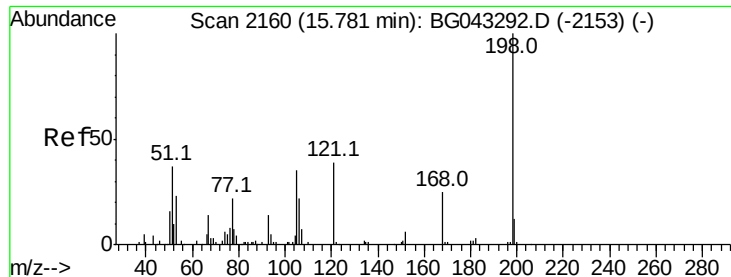
Sohil
11/8/2019 3:33:06 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG043563.D
Acq: 8 Nov 2019 7:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		205698		
94	5.6	4.2	6.4		
80	6.1	4.5	6.7		





#65

4,6-Dinitro-2-methylphenol

Concen: 50.470 ng

RT: 15.77 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BG043563.D

Acq: 8 Nov 2019 7:07

Instrument :

BNA_G

ClientSampleId :

TR-05-110519MSD

Tot Ion:198 Resp: 61096

Ion Ratio Lower Upper

198 100

51 38.8 13.2 53.2

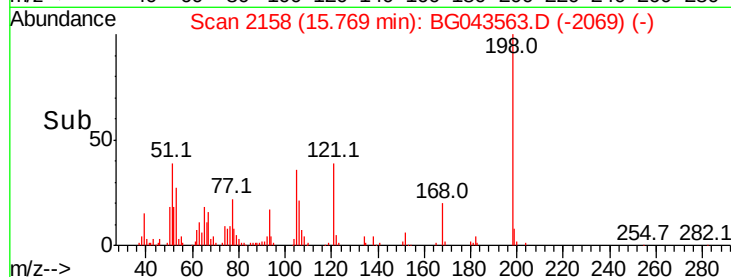
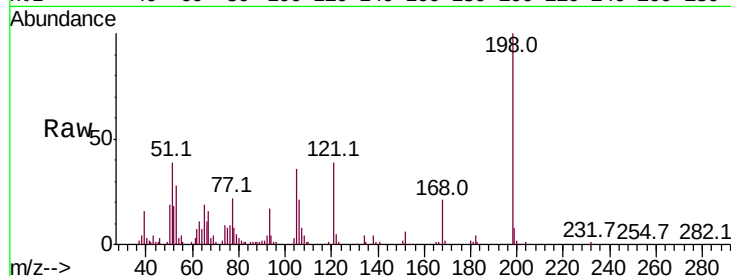
105 35.8 15.8 55.8

Manual Integrations

APPROVED

Sohil

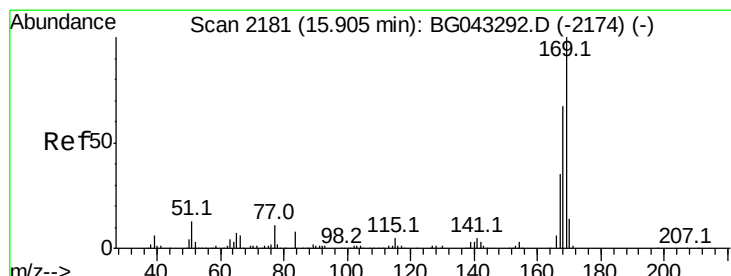
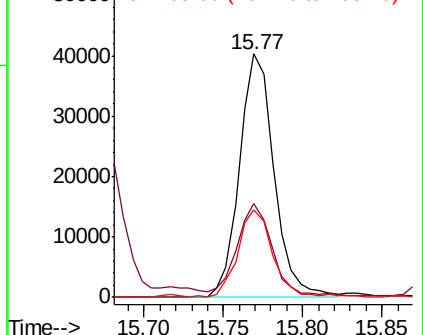
11/8/2019 3:33:06 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.165 ng

RT: 15.89 min Scan# 2179

Delta R.T. 0.00 min

Lab File: BG043563.D

Acq: 8 Nov 2019 7:07

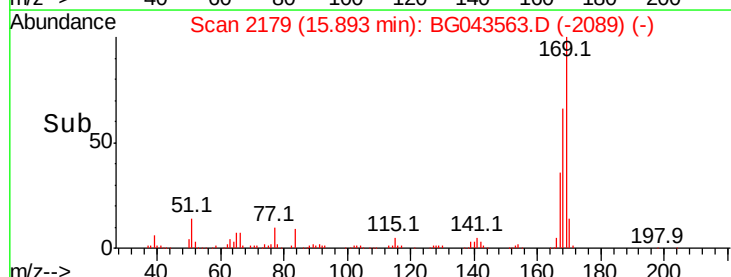
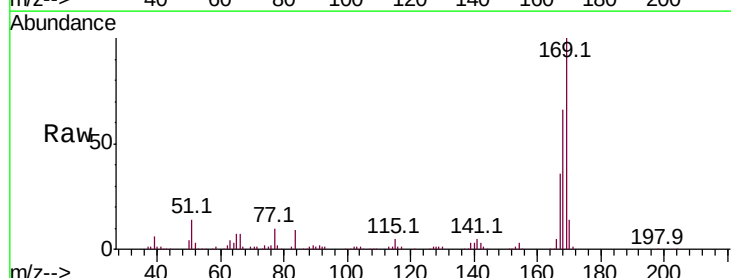
Tgt Ion:169 Resp: 262288

Ion Ratio Lower Upper

169 100

168 66.3 53.8 80.6

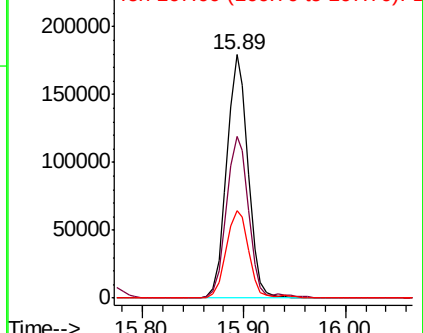
167 36.0 27.5 41.3

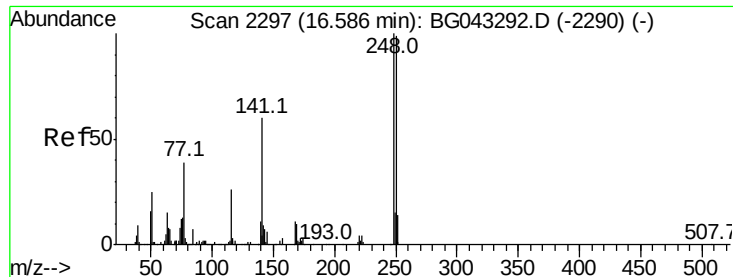


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 43.999 ng

RT: 16.57 min Scan# 2294

Delta R.T. -0.01 min

Lab File: BG043563.D

Acq: 8 Nov 2019 7:07

Instrument :

BNA_G

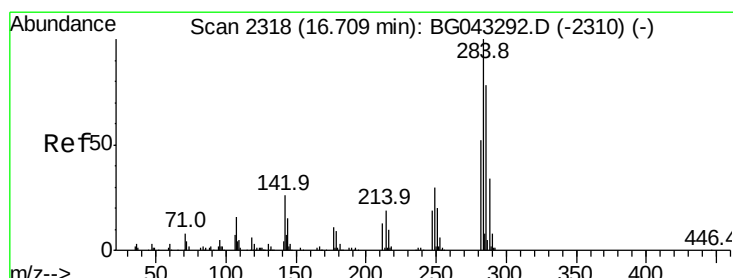
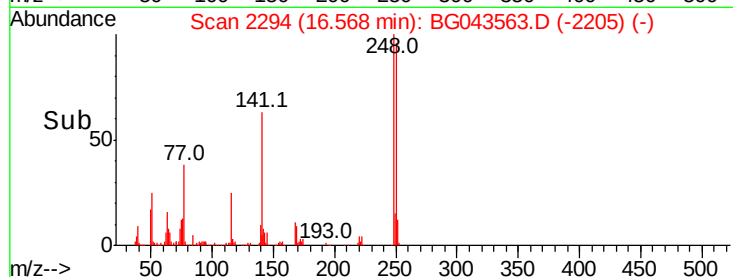
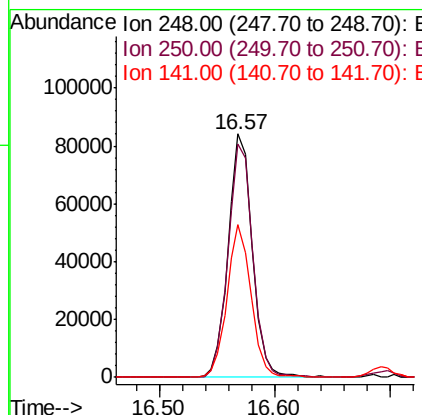
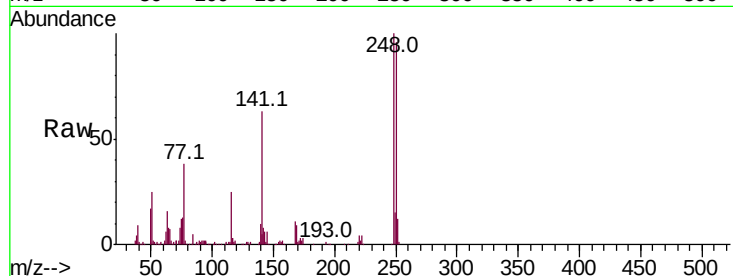
ClientSampleId :

TR-05-110519MSD

Tot Ion:	248	Resp:	121799
Ion Ratio	Lower	Upper	
248	100		
250	95.9	77.0	115.4
141	62.6	47.5	71.3

Manual Integrations
APPROVED

Sohil
11/8/2019 3:33:06 PM



#68

Hexachlorobenzene

Concen: 43.938 ng

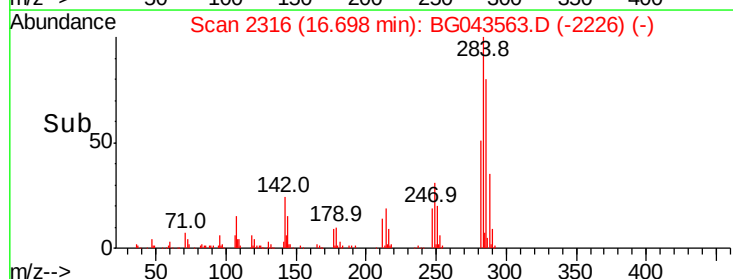
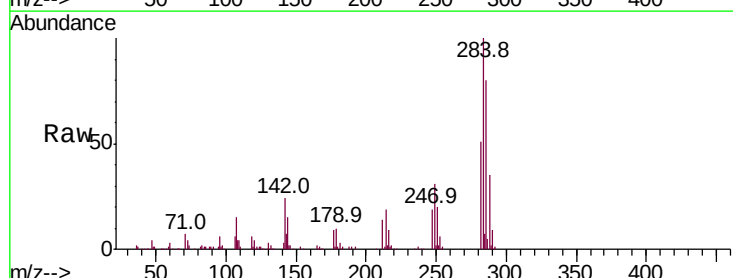
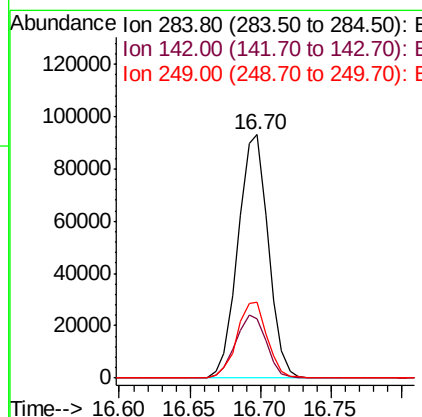
RT: 16.70 min Scan# 2316

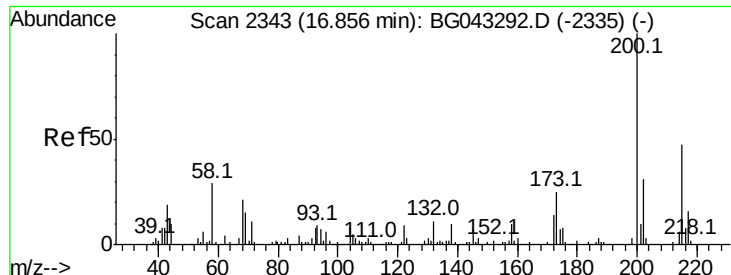
Delta R.T. 0.00 min

Lab File: BG043563.D

Acq: 8 Nov 2019 7:07

Tgt Ion:	284	Resp:	139618
Ion Ratio	Lower	Upper	
284	100		
142	24.4	19.8	29.8
249	31.4	23.8	35.6





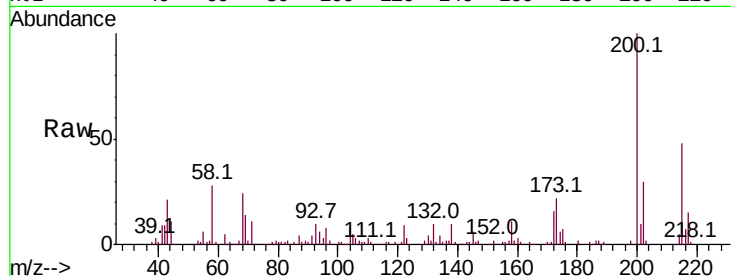
#69
Atrazine
Concen: 52.376 ng
RT: 16.84 min Scan# 2341
Delta R.T. 0.00 min
Lab File: BG043563.D
Acq: 8 Nov 2019 7:07

Instrument :
BNA_G
ClientSampleId :
TR-05-110519MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.5	4.7	44.7
215	47.6	28.5	68.5

Manual Integrations
APPROVED

Sohil
11/8/2019 3:33:06 PM

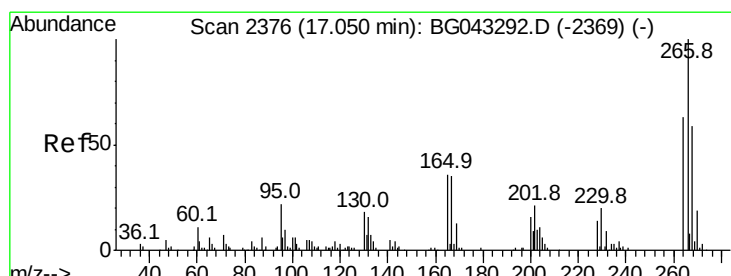
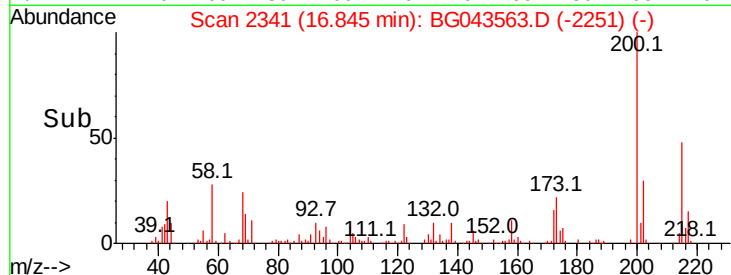
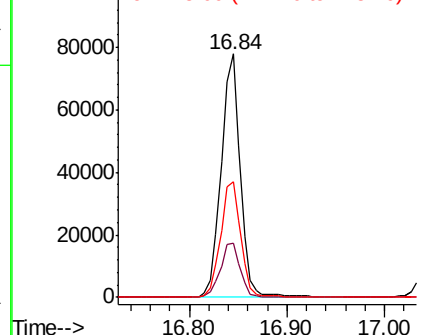


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 96.339 ng
RT: 17.05 min Scan# 2376
Delta R.T. 0.00 min
Lab File: BG043563.D
Acq: 8 Nov 2019 7:07

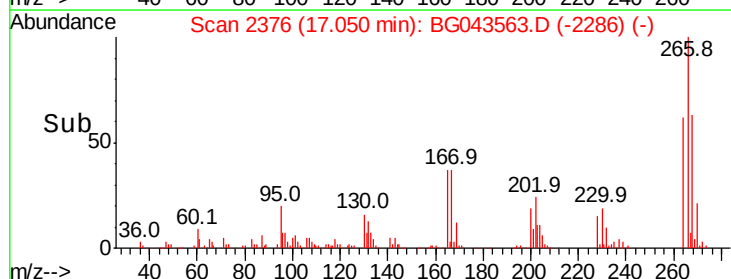
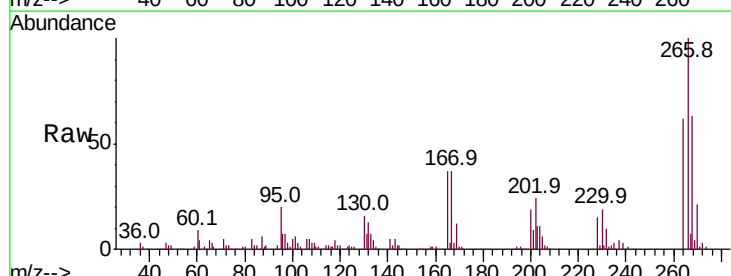
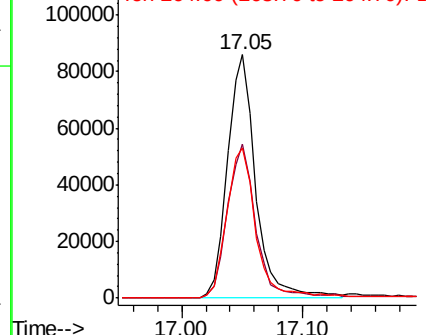
Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	50.4	75.6
264	61.9	48.9	73.3

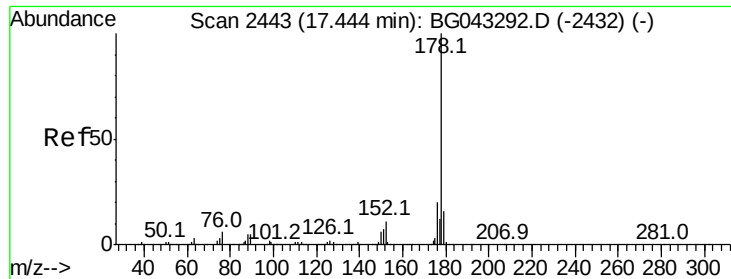
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 47.237 ng

RT: 17.43 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BG043563.D

Acq: 8 Nov 2019 7:07

Instrument :

BNA_G

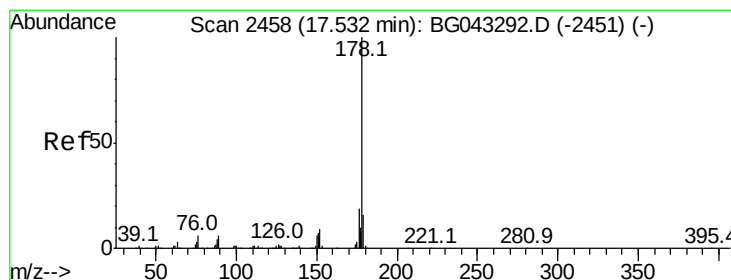
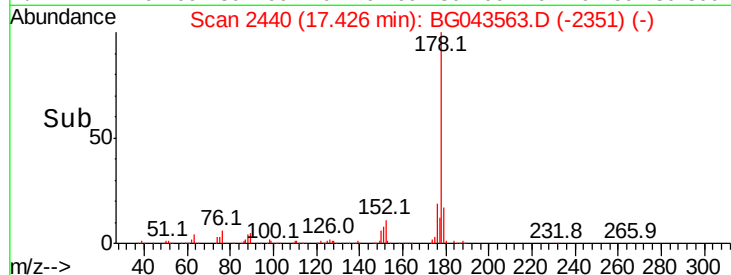
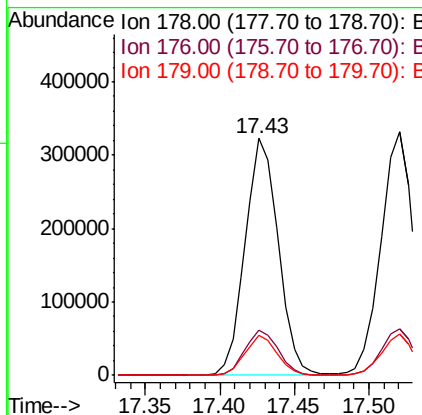
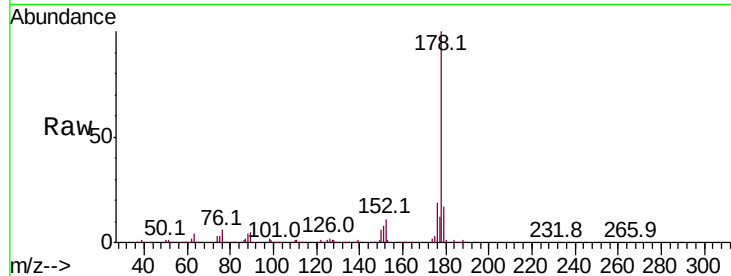
ClientSampleId :

TR-05-110519MSD

Tot Ion:	178	Resp:	497565
Ion Ratio	Lower	Upper	
178	100		
176	19.2	15.4	23.0
179	16.9	13.0	19.6

Manual Integrations
APPROVED

Sohil
11/8/2019 3:33:06 PM



#72

Anthracene

Concen: 49.058 ng

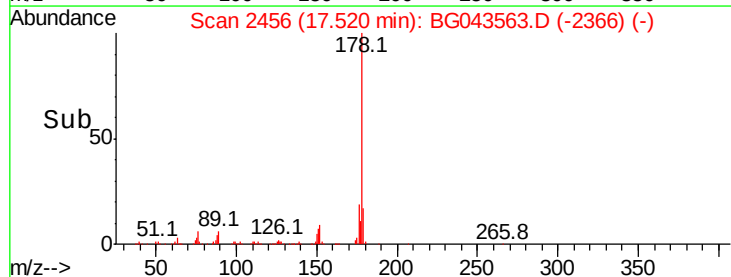
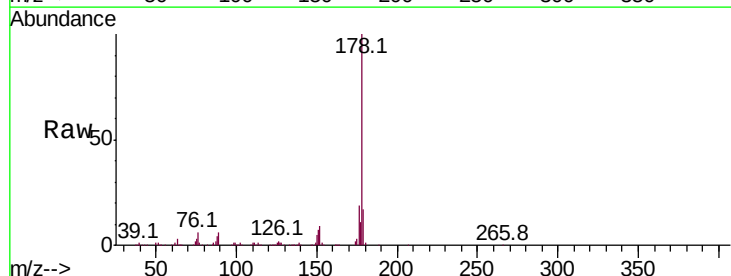
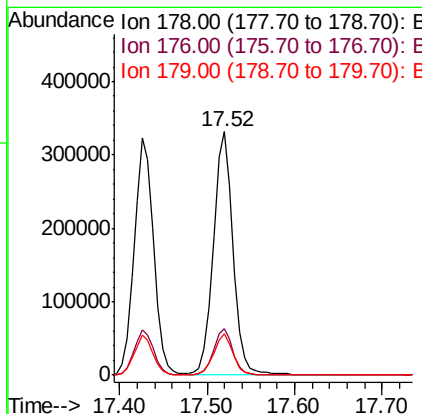
RT: 17.52 min Scan# 2456

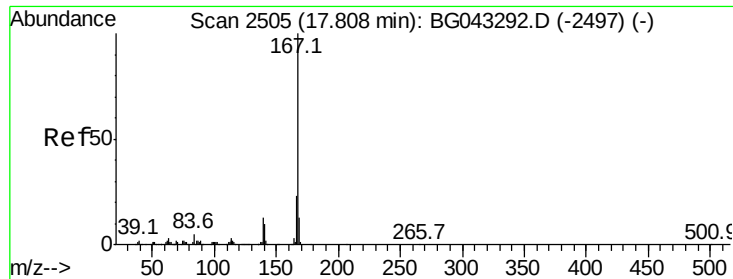
Delta R.T. 0.00 min

Lab File: BG043563.D

Acq: 8 Nov 2019 7:07

Tgt Ion:	178	Resp:	517006
Ion Ratio	Lower	Upper	
178	100		
176	19.1	15.5	23.3
179	17.0	13.7	20.5





#73

Carbazole

Concen: 47.609 ng

RT: 17.80 min Scan# 2503

Delta R.T. 0.00 min

Lab File: BG043563.D

Acq: 8 Nov 2019 7:07

Instrument :

BNA_G

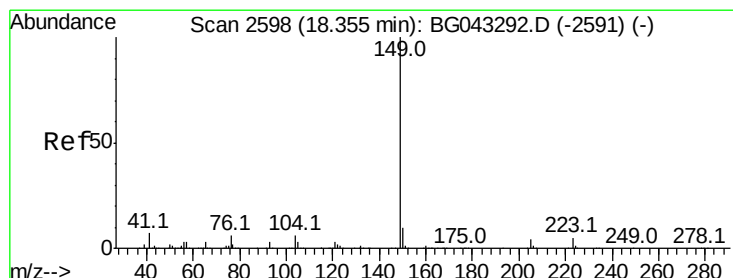
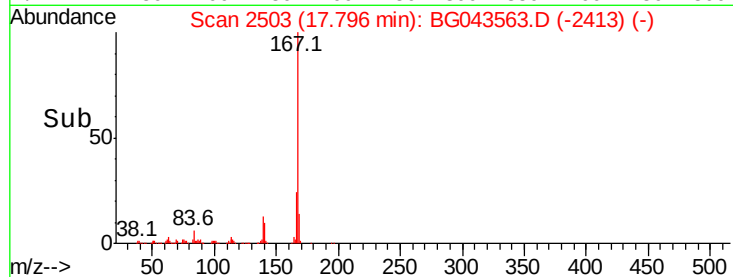
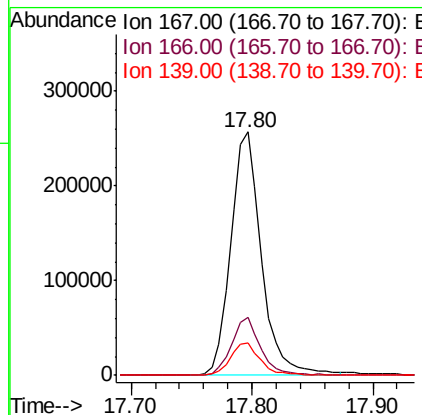
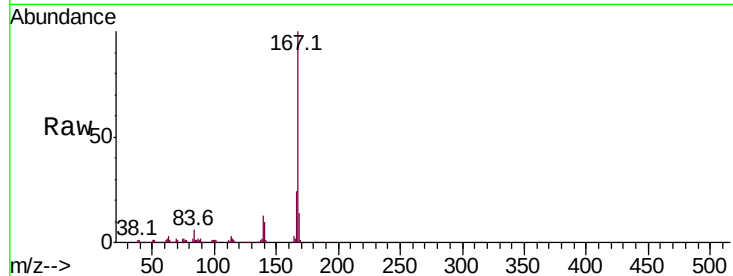
ClientSampleId :

TR-05-110519MSD

Tot Ion:	167	Resp:	454358
Ion Ratio	Lower	Upper	
167	100		
166	23.7	18.7	28.1
139	13.1	10.0	15.0

Manual Integrations
APPROVED

Sohil
11/8/2019 3:33:06 PM



#74

Di-n-butylphthalate

Concen: 46.560 ng

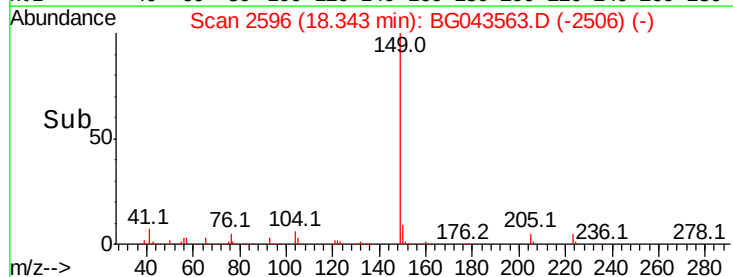
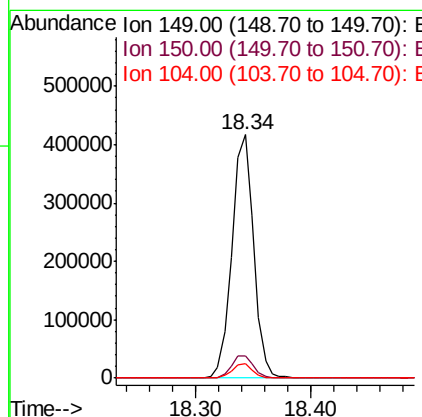
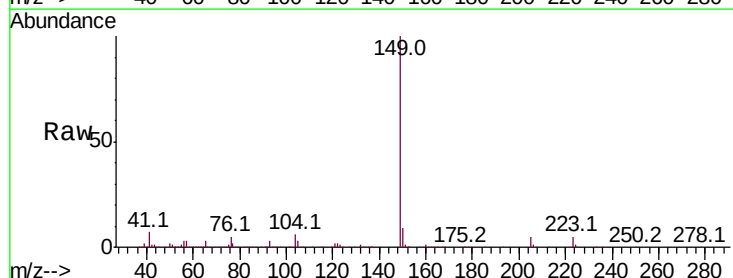
RT: 18.34 min Scan# 2596

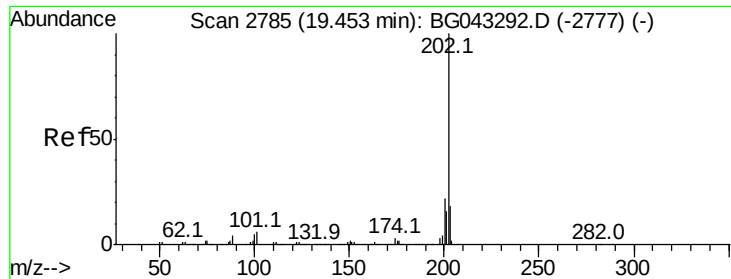
Delta R.T. 0.00 min

Lab File: BG043563.D

Acq: 8 Nov 2019 7:07

Tgt Ion:	149	Resp:	539158
Ion Ratio	Lower	Upper	
149	100		
150	9.2	8.0	12.0
104	5.8	4.4	6.6





#75

Fluoranthene

Concen: 47.978 ng

RT: 19.44 min Scan# 2782

Delta R.T. -0.01 min

Lab File: BG043563.D

Acq: 8 Nov 2019 7:07

Instrument :

BNA_G

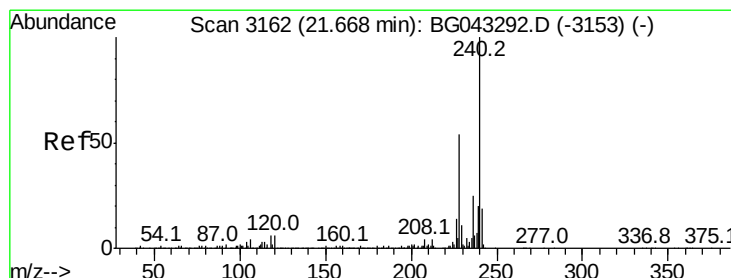
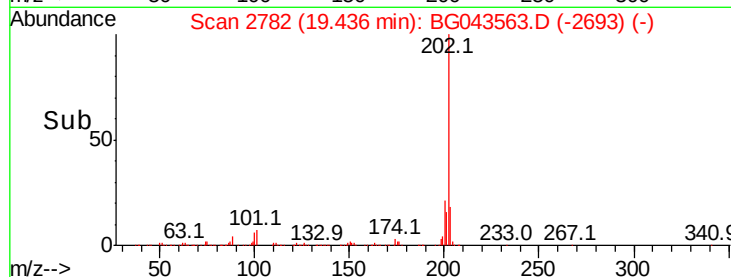
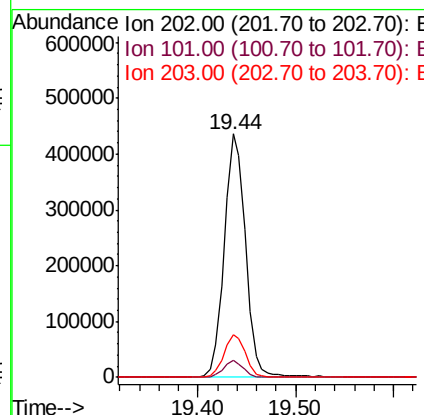
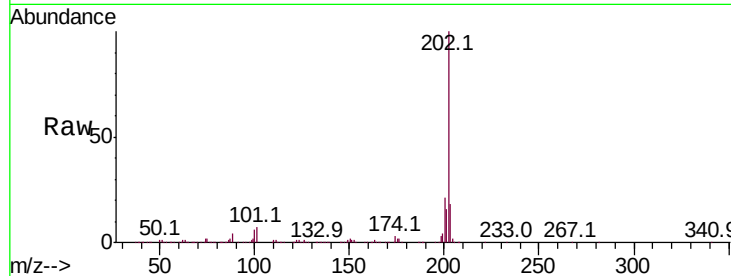
ClientSampleId :

TR-05-110519MSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	658836		
101	6.8	0.0	26.3	
203	17.6	0.0	37.9	

Manual Integrations
APPROVED

Sohil
11/8/2019 3:33:06 PM



#76

Chrysene-d12

Concen: 20.000 ng

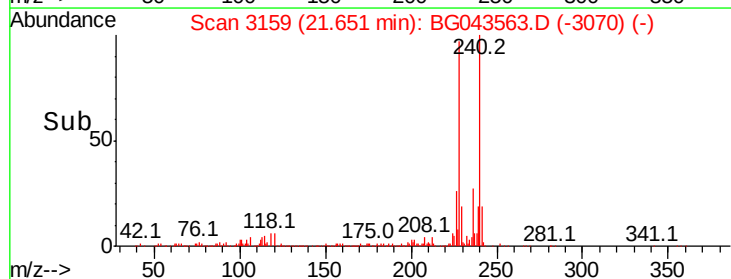
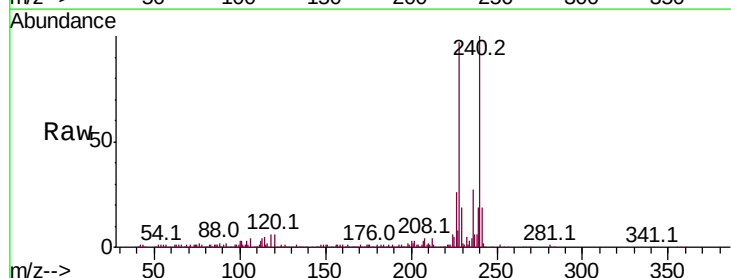
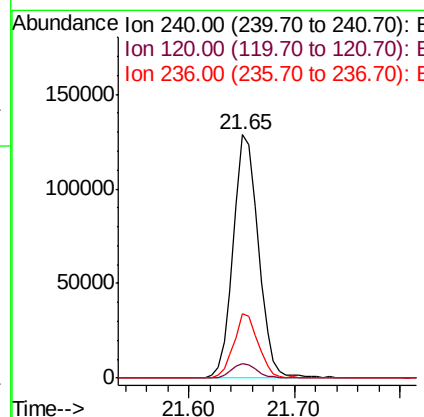
RT: 21.65 min Scan# 3159

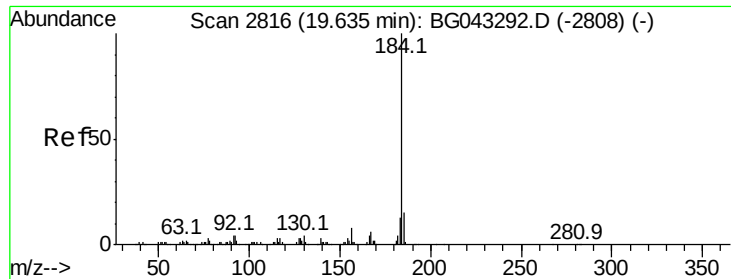
Delta R.T. -0.01 min

Lab File: BG043563.D

Acq: 8 Nov 2019 7:07

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	212206		
120	6.0	4.6	6.8	
236	26.5	19.8	29.8	





#77

Benzidine

Concen: 20.791 ng

RT: 19.64 min Scan# 2816

Delta R.T. 0.01 min

Lab File: BG043563.D

Acq: 8 Nov 2019 7:07

Instrument :

BNA_G

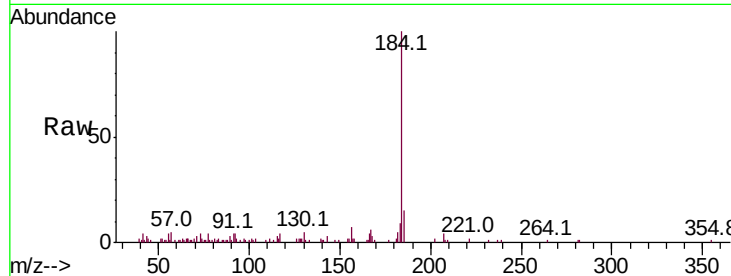
ClientSampleId :

TR-05-110519MSD

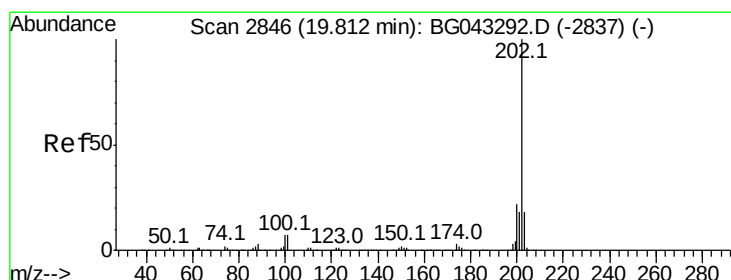
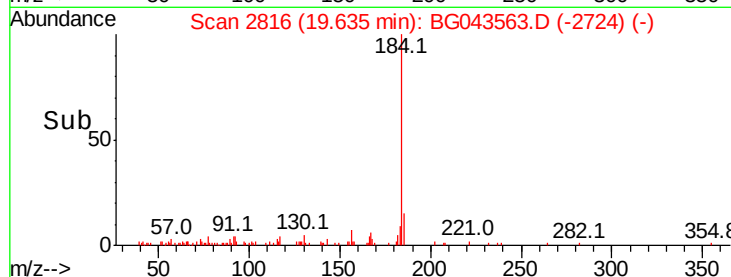
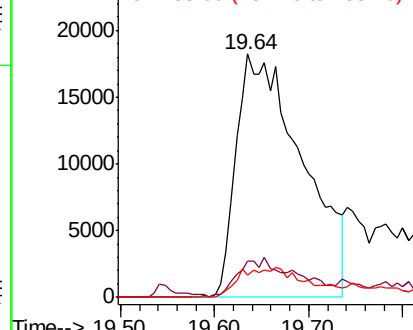
Tot Ion:	184	Resp:	88793
Ion Ratio	Lower	Upper	
184	100		
185	14.7	11.0	16.4
183	9.2	10.0	15.0#

Manual Integrations
APPROVED

Sohil
11/8/2019 3:33:06 PM



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 50.011 ng

RT: 19.80 min Scan# 2844

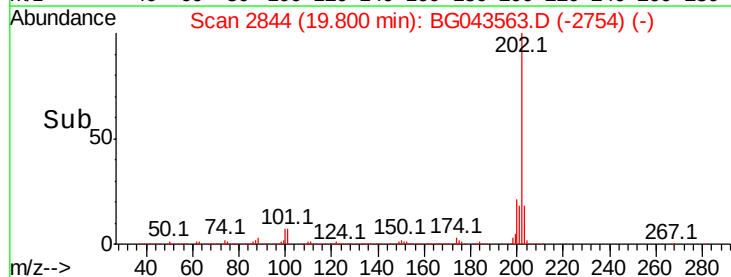
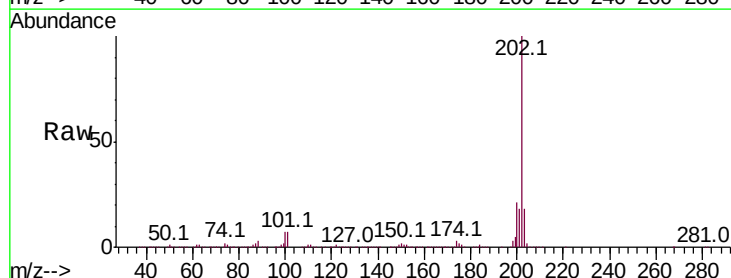
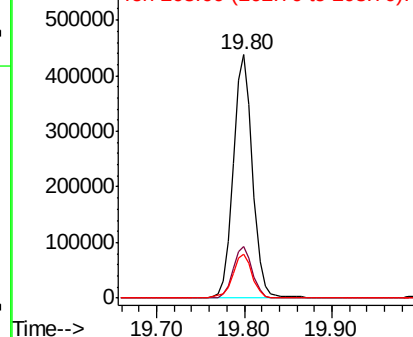
Delta R.T. 0.00 min

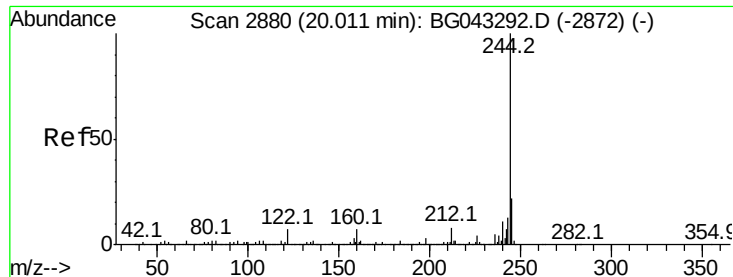
Lab File: BG043563.D

Acq: 8 Nov 2019 7:07

Tgt Ion:	202	Resp:	656906
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.0	25.4
203	18.2	14.7	22.1

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





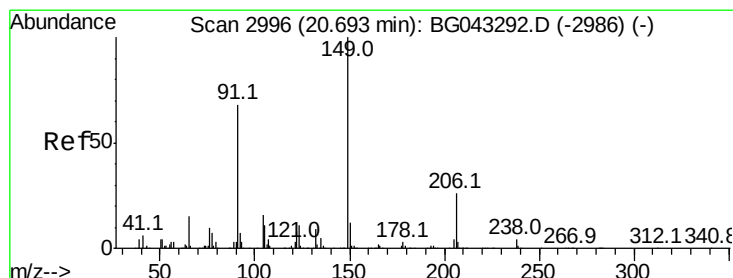
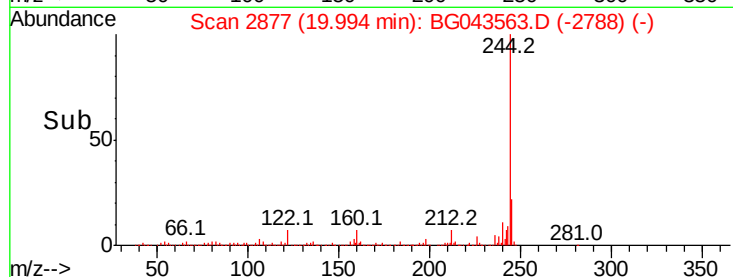
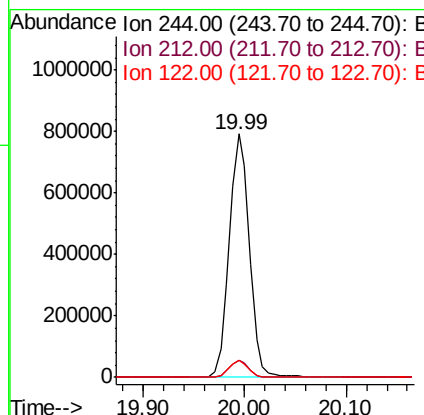
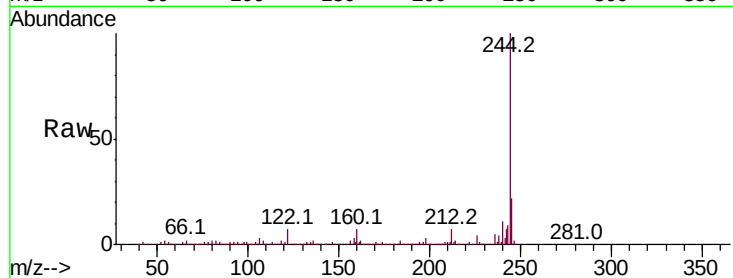
#79
 Terphenyl-d14
 Concen: 96.570 ng
 RT: 19.99 min Scan# 2877
 Delta R.T. -0.01 min
 Lab File: BG043563.D
 Acq: 8 Nov 2019 7:07

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-110519MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	7.0	5.4	8.2

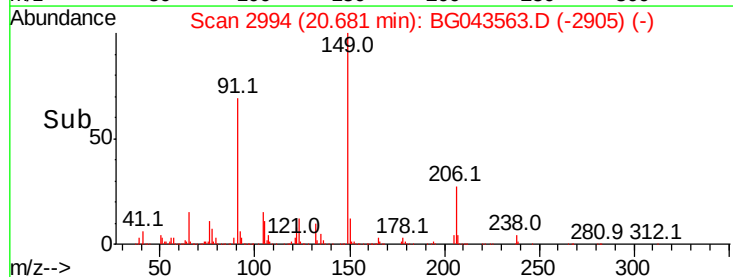
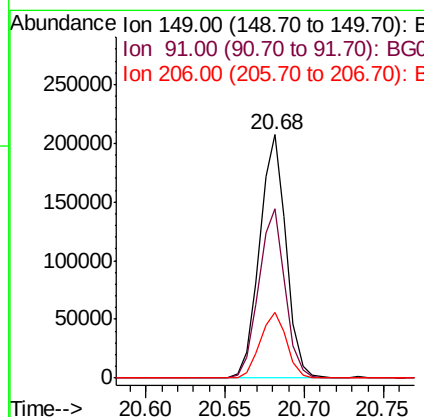
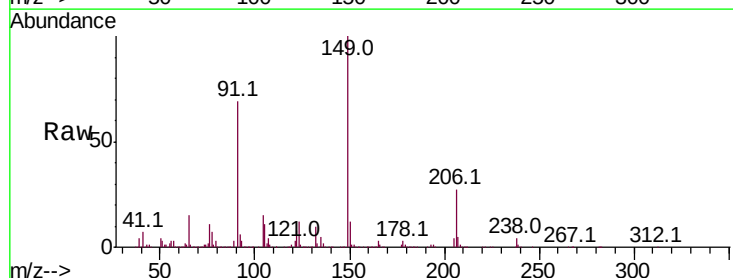
Manual Integrations
 APPROVED

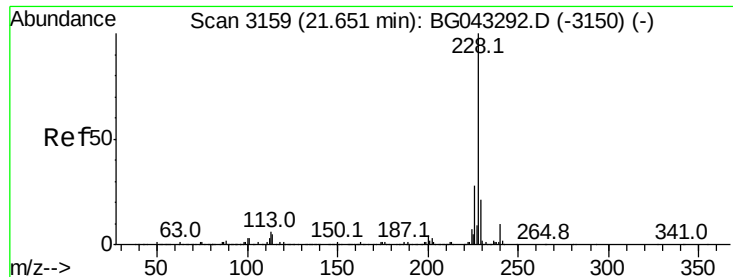
Sohil
 11/8/2019 3:33:06 PM



#80
 Butylbenzylphthalate
 Concen: 48.622 ng
 RT: 20.68 min Scan# 2994
 Delta R.T. -0.01 min
 Lab File: BG043563.D
 Acq: 8 Nov 2019 7:07

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.4	51.2	76.8
206	26.7	22.5	33.7





#81

Benzo(a)anthracene

Concen: 50.362 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG043563.D

Acq: 8 Nov 2019 7:07

Instrument :

BNA_G

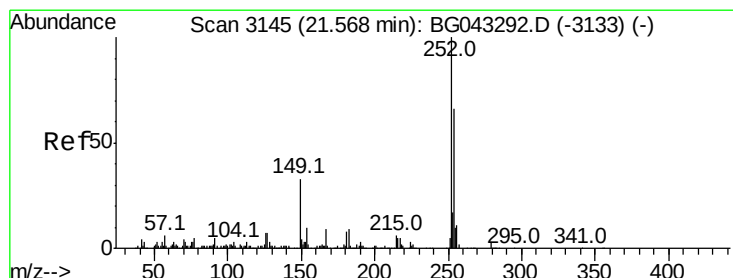
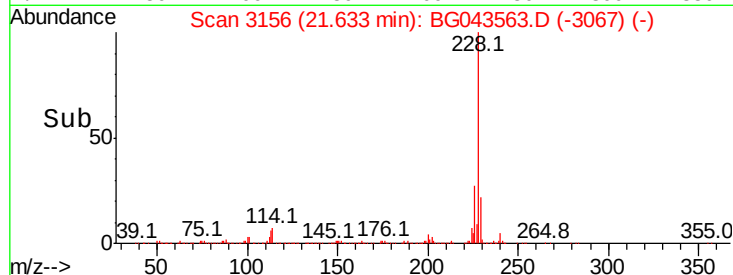
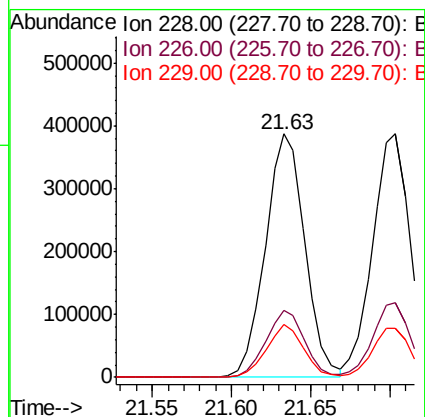
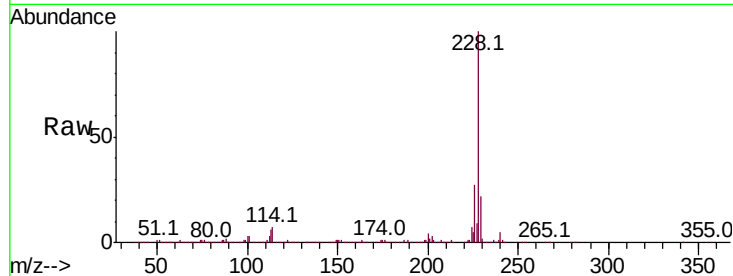
ClientSampleId :

TR-05-110519MSD

Tot Ion:	228	Resp:	669437
Ion Ratio	Lower	Upper	
228	100		
226	27.5	22.2	33.2
229	21.9	17.0	25.4

Manual Integrations
APPROVED

Sohil
11/8/2019 3:33:06 PM



#82

3,3'-Dichlorobenzidine

Concen: 20.661 ng

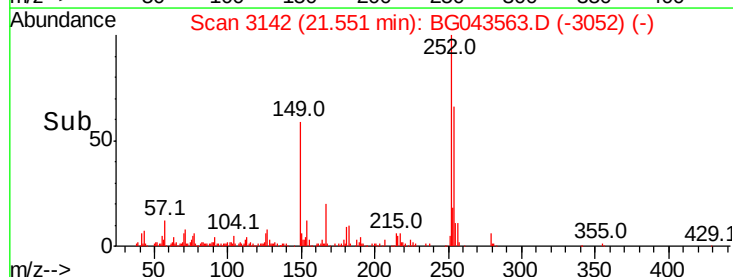
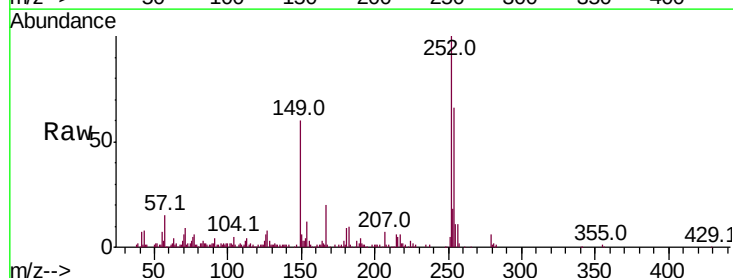
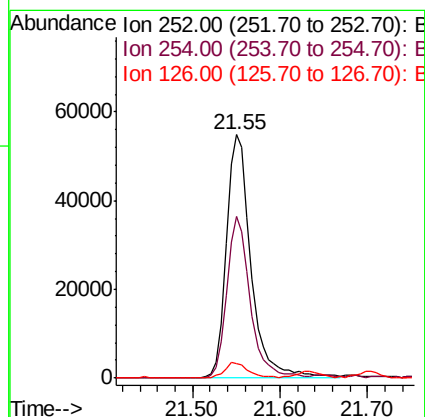
RT: 21.55 min Scan# 3142

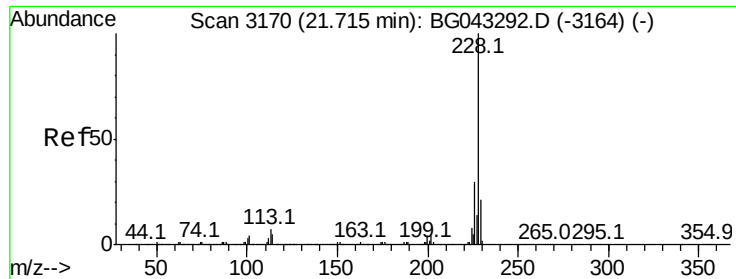
Delta R.T. 0.00 min

Lab File: BG043563.D

Acq: 8 Nov 2019 7:07

Tgt Ion:	252	Resp:	106223
Ion Ratio	Lower	Upper	
252	100		
254	66.4	50.8	76.2
126	6.2	6.1	9.1





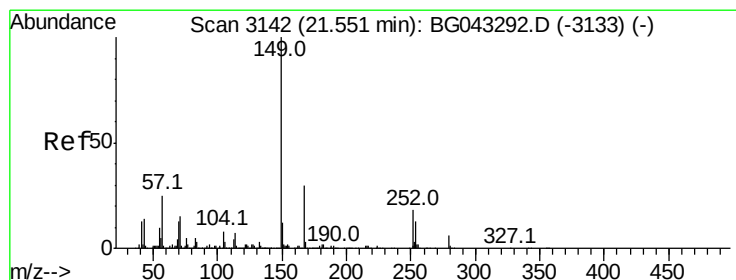
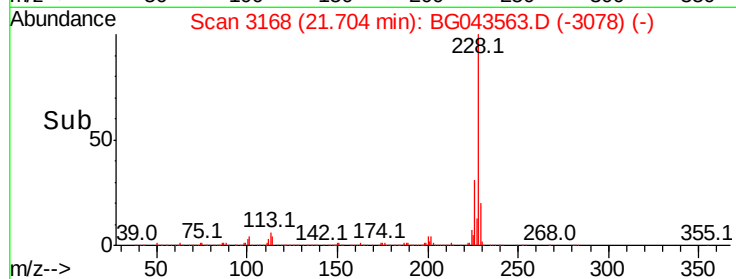
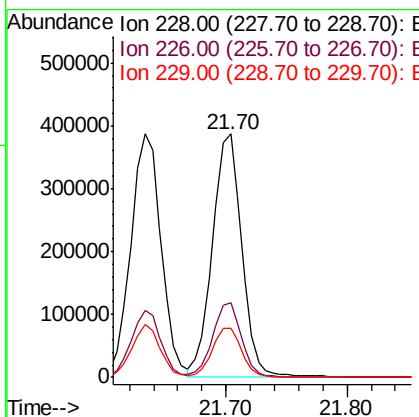
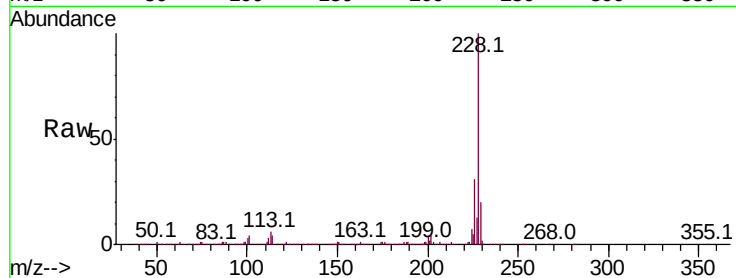
#83
 Chrysene
 Concen: 49.064 ng
 RT: 21.70 min Scan# 3168
 Delta R.T. 0.00 min
 Lab File: BG043563.D
 Acq: 8 Nov 2019 7:07

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-110519MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.1	37.7
229	20.3	17.0	25.4

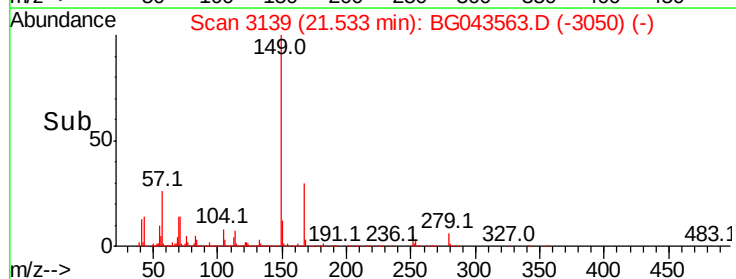
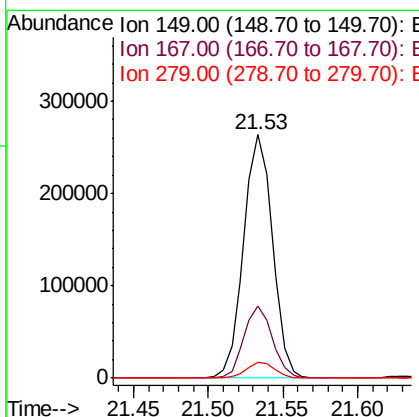
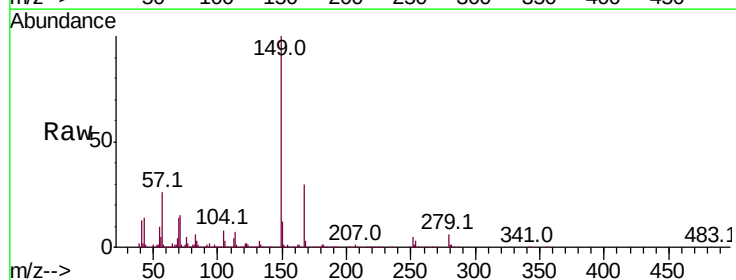
Manual Integrations
 APPROVED

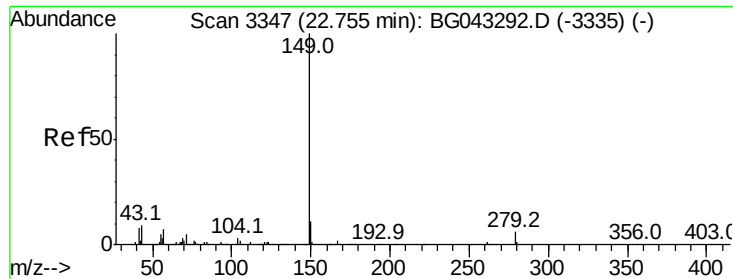
Sohil
 11/8/2019 3:33:06 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.876 ng
 RT: 21.53 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG043563.D
 Acq: 8 Nov 2019 7:07

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.7	24.0	36.0
279	6.3	5.4	8.2





#85

Di-n-octyl phthalate

Concen: 49.893 ng

RT: 22.73 min Scan# 3343

Delta R.T. -0.01 min

Lab File: BG043563.D

Acq: 8 Nov 2019 7:07

Instrument :

BNA_G

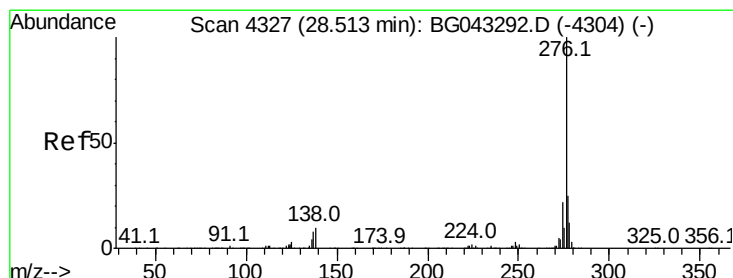
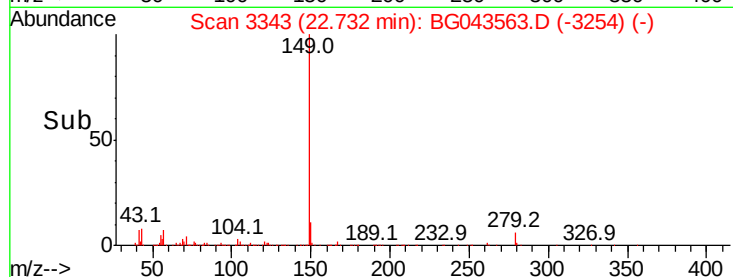
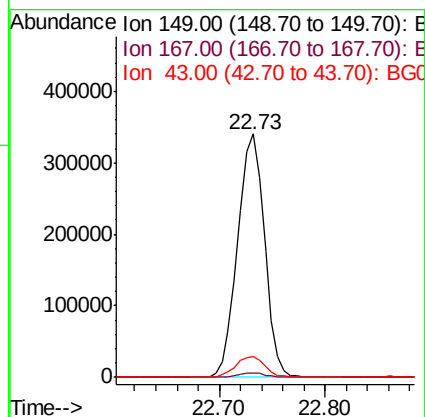
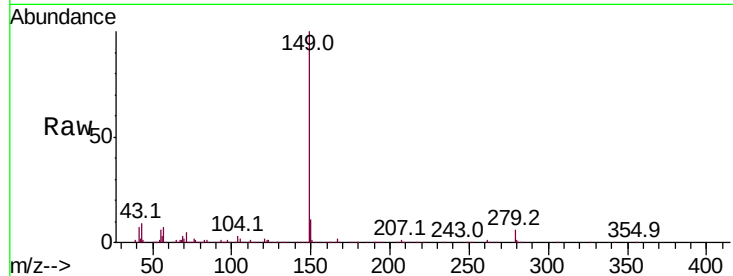
ClientSampleId :

TR-05-110519MSD

Tot Ion:	149	Resp:	598374
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.4	2.2
43	8.7	7.0	10.6

Manual Integrations
APPROVED

Sohil
11/8/2019 3:33:06 PM



#86

Indeno(1,2,3-cd)pyrene

Concen: 49.913 ng

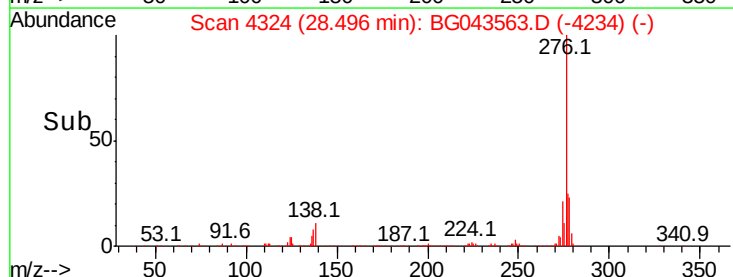
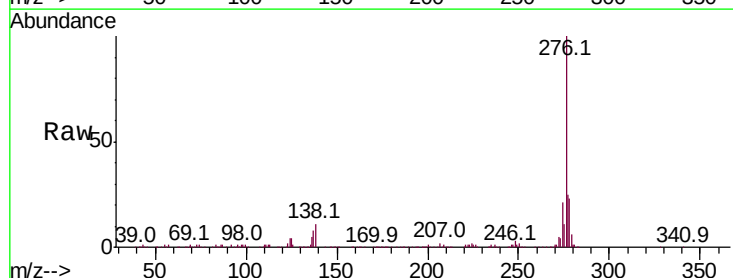
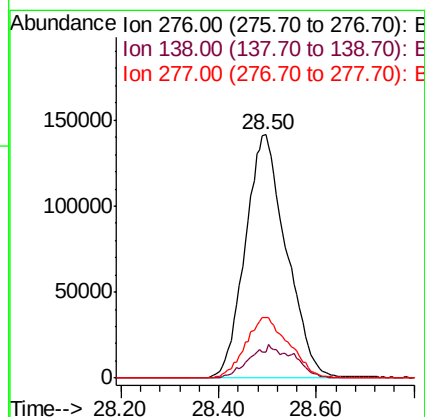
RT: 28.50 min Scan# 4324

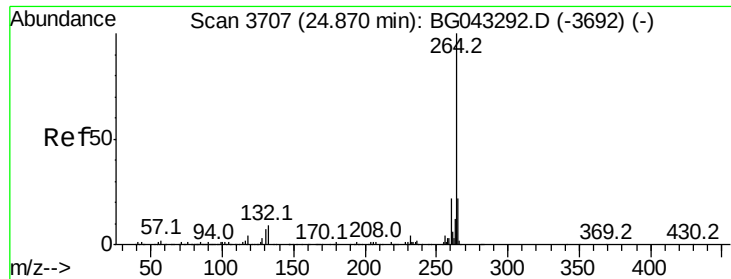
Delta R.T. 0.00 min

Lab File: BG043563.D

Acq: 8 Nov 2019 7:07

Tgt Ion:	276	Resp:	827470
Ion Ratio	Lower	Upper	
276	100		
138	11.2	6.8	10.2#
277	26.4	20.9	31.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3703

Delta R.T. -0.01 min

Lab File: BG043563.D

Acq: 8 Nov 2019 7:07

Instrument :

BNA_G

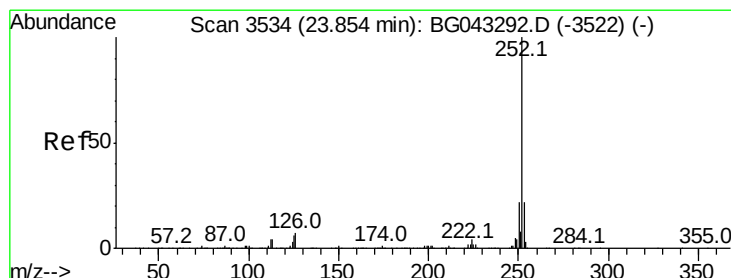
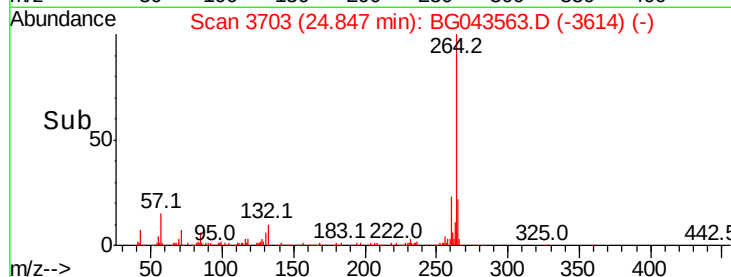
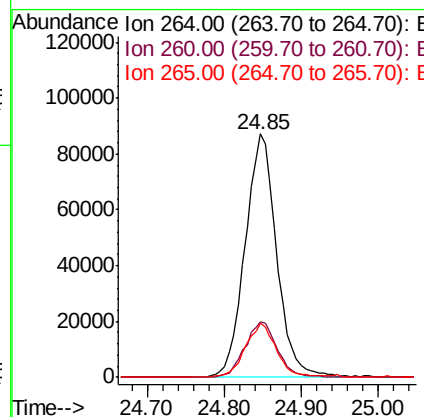
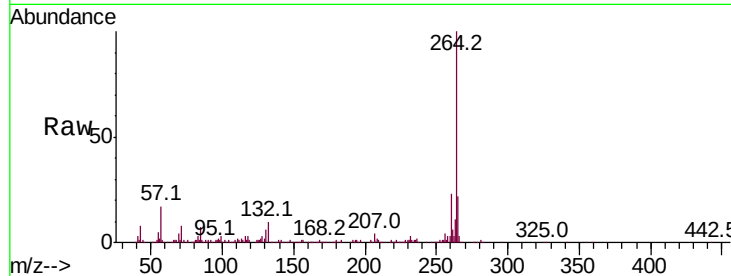
ClientSampleId :

TR-05-110519MSD

Tot Ion:	264	Resp:	249814
Ion Ratio	Lower	Upper	
264	100		
260	22.5	17.5	26.3
265	22.1	17.4	26.0

Manual Integrations
APPROVED

Sohil
11/8/2019 3:33:06 PM



#88

Benzo(b)fluoranthene

Concen: 48.822 ng

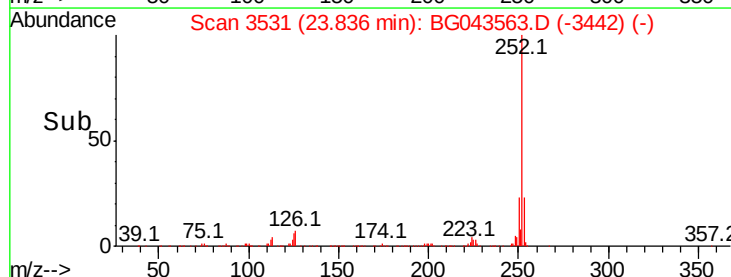
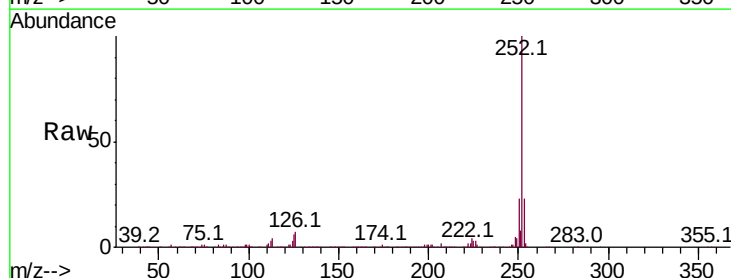
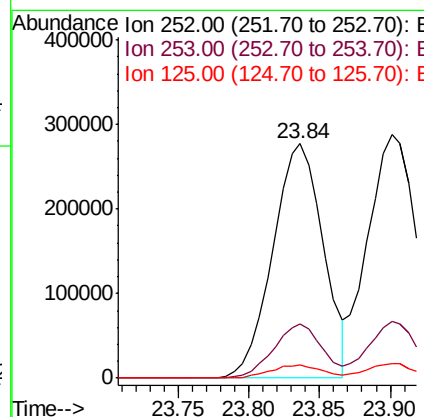
RT: 23.84 min Scan# 3531

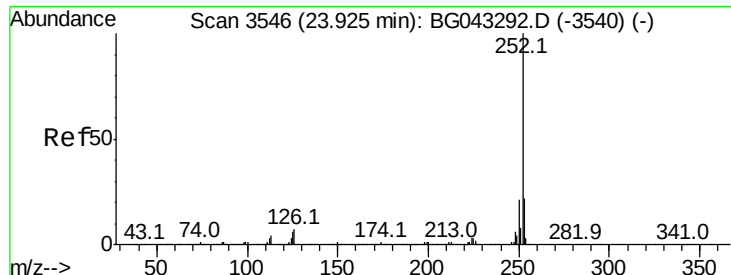
Delta R.T. -0.01 min

Lab File: BG043563.D

Acq: 8 Nov 2019 7:07

Tgt Ion:	252	Resp:	690759
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.7	26.5
125	5.8	4.5	6.7





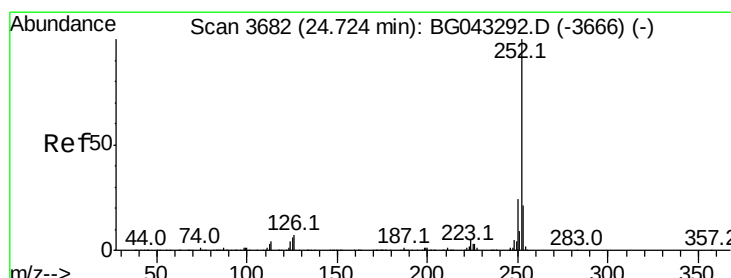
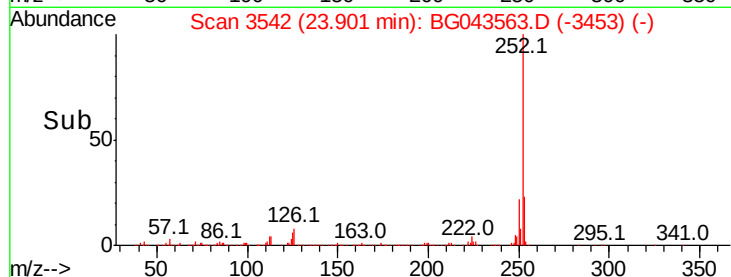
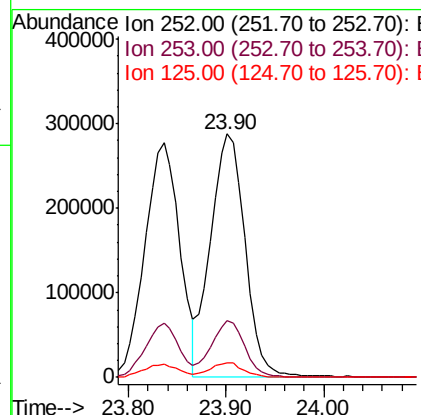
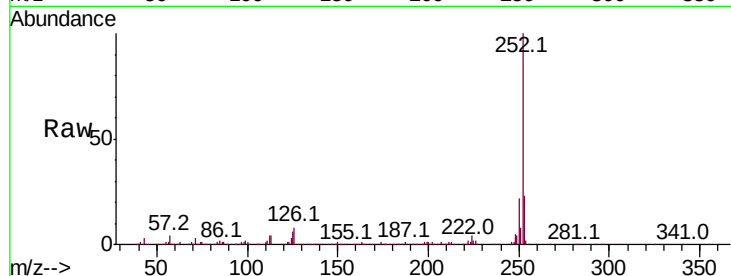
#89
Benzo(k)fluoranthene
Concen: 49.346 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG043563.D
Acq: 8 Nov 2019 7:07

Instrument :
BNA_G
ClientSampleId :
TR-05-110519MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.3	25.9
125	5.7	4.6	6.8

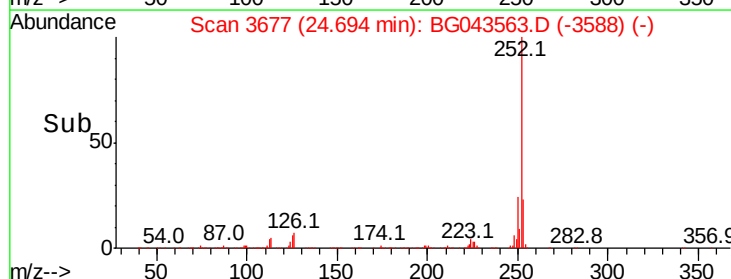
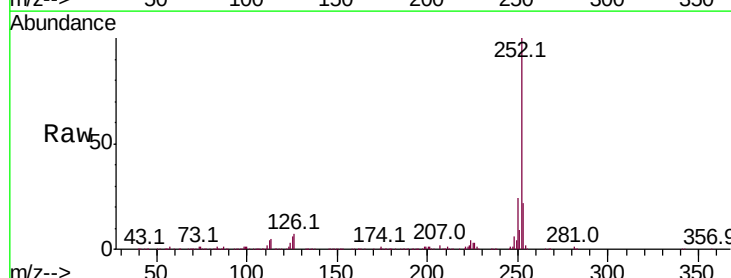
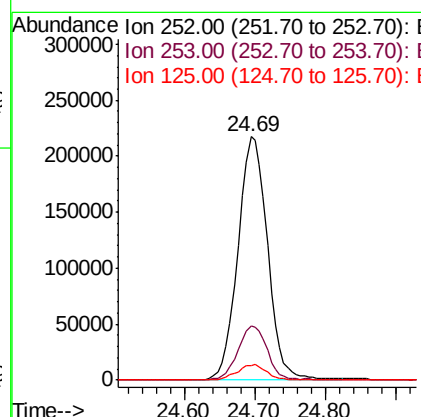
Manual Integrations
APPROVED

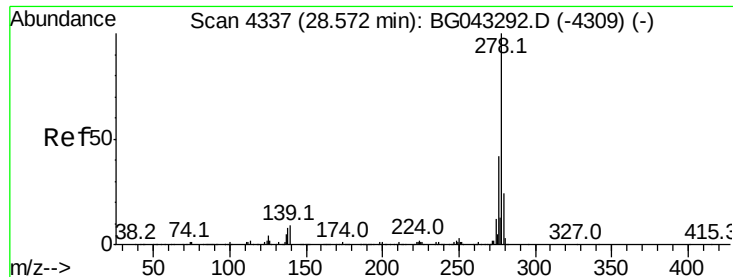
Sohil
11/8/2019 3:33:06 PM



#90
Benzo(a)pyrene
Concen: 46.889 ng
RT: 24.69 min Scan# 3677
Delta R.T. -0.01 min
Lab File: BG043563.D
Acq: 8 Nov 2019 7:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	6.1	5.4	8.2





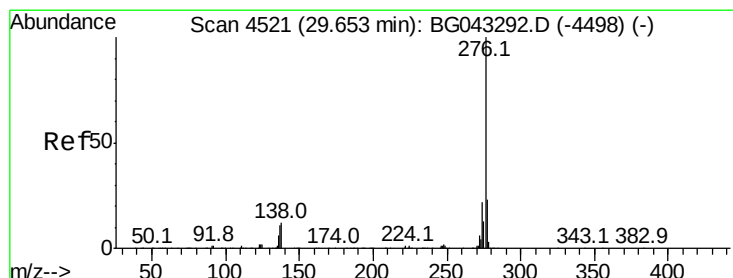
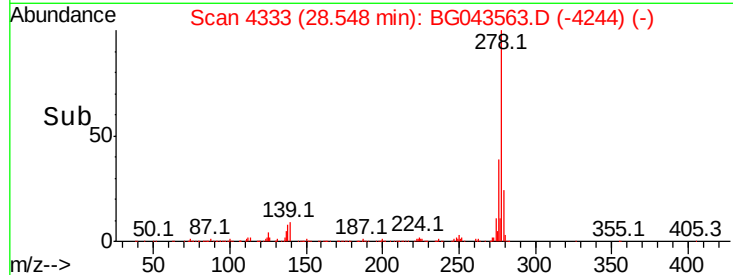
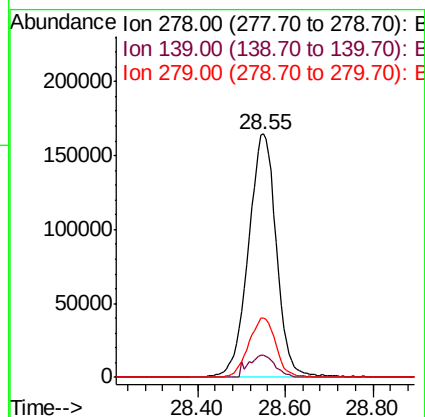
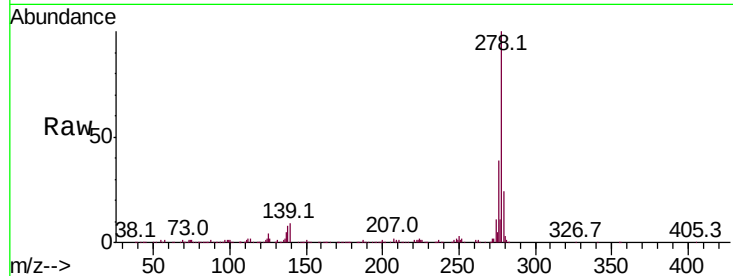
#91
Dibenzo(a,h)anthracene
Concen: 51.394 ng
RT: 28.55 min Scan# 4333
Delta R.T. -0.01 min
Lab File: BG043563.D
Acq: 8 Nov 2019 7:07

Instrument :
BNA_G
ClientSampleId :
TR-05-110519MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.9	7.4	11.0
279	24.2	19.1	28.7

Manual Integrations
APPROVED

Sohil
11/8/2019 3:33:06 PM



#92
Benzo(g,h,i)perylene
Concen: 51.810 ng
RT: 29.63 min Scan# 4517
Delta R.T. 0.00 min
Lab File: BG043563.D
Acq: 8 Nov 2019 7:07

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.9	28.3
138	12.4	8.9	13.3

