

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110719\
 Data File : BG043562.D
 Acq On : 8 Nov 2019 6:28
 Operator : JU
 Sample : K5675-04MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-110519MS

Manual Integrations
 APPROVED

Sohil
 11/8/2019 3:33:05 PM

Quant Time: Nov 08 07:49:59 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	27800	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	107563	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	77571	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	201969	20.00	ng	0.00
76) Chrysene-d12	21.65	240	210384	20.00	ng	0.00
87) Perylene-d12	24.85	264	247198	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	218573	144.07	ng	0.01
7) Phenol-d6	7.21	99	292661	134.08	ng	0.02
23) Nitrobenzene-d5	9.17	82	177848	85.24	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	202044	136.87	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	472232	84.12	ng	0.00
79) Terphenyl-d14	20.00	244	1091585	97.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	21990	37.196	ng	# 21
3) Pyridine	3.89	79	46145	30.942	ng	95
4) n-Nitrosodimethylamine	3.79	42	37667	50.053	ng	# 96
6) Aniline	7.34	93	30573	12.159	ng	98
8) 2-Chlorophenol	7.59	128	83156	49.654	ng	94
9) Benzaldehyde	7.14	77	39124	36.473	ng	95
10) Phenol	7.24	94	107370	53.831	ng	97
11) bis(2-Chloroethyl)ether	7.42	93	64828	42.039	ng	99
12) 1,3-Dichlorobenzene	7.89	146	78288	37.311	ng	95
13) 1,4-Dichlorobenzene	8.04	146	81474	38.378	ng	97
14) 1,2-Dichlorobenzene	8.36	146	80011	38.600	ng	96
15) Benzyl Alcohol	8.26	79	72250	47.131	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.53	45	91211	40.677	ng	97
17) 2-Methylphenol	8.48	107	72013	49.526	ng	97
18) Hexachloroethane	9.09	117	27994	36.549	ng	98
19) n-Nitroso-di-n-propylamine	8.81	70	60056	42.579	ng	96
20) 3+4-Methylphenols	8.82	107	93477	46.882	ng	# 72
22) Acetophenone	8.83	105	117244	42.563	ng	# 92
24) Nitrobenzene	9.21	77	92192	46.385	ng	# 96
25) Isophorone	9.73	82	173464	45.475	ng	99
26) 2-Nitrophenol	9.93	139	47527	49.531	ng	# 89
27) 2,4-Dimethylphenol	10.00	122	75686	55.033	ng	95
28) bis(2-Chloroethoxy)methane	10.22	93	90572	43.021	ng	99
29) 2,4-Dichlorophenol	10.49	162	85815	48.700	ng	92
30) 1,2,4-Trichlorobenzene	10.67	180	93177	41.955	ng	97
31) Naphthalene	10.86	128	246583	45.163	ng	99
32) Benzoic acid	10.19	122	41572	41.174	ng	96
33) 4-Chloroaniline	11.00	127	8834	3.947	ng	# 90
34) Hexachlorobutadiene	11.15	225	63385	38.608	ng	88
35) Caprolactam	11.75	113	28124m	46.342	ng	
36) 4-Chloro-3-methylphenol	12.12	107	96632	50.274	ng	96
37) 2-Methylnaphthalene	12.47	142	187293	44.708	ng	99
38) 1-Methylnaphthalene	12.68	142	181920	45.640	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	122428	42.646	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110719\
 Data File : BG043562.D
 Acq On : 8 Nov 2019 6:28
 Operator : JU
 Sample : K5675-04MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-110519MS

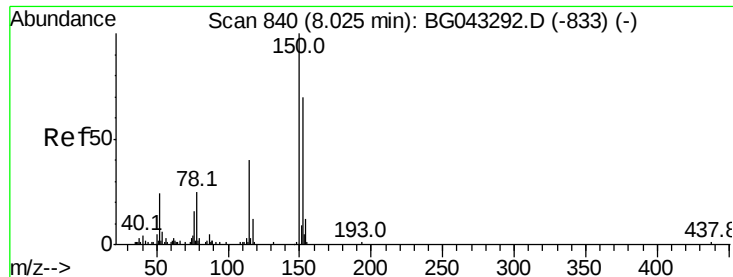
Manual Integrations
 APPROVED

Sohil
 11/8/2019 3:33:05 PM

Quant Time: Nov 08 07:49:59 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	100761	66.816	nq	98
43) 2,4,6-Trichlorophenol	13.08	196	81491	48.201	nq	96
44) 2,4,5-Trichlorophenol	13.18	196	90519	52.960	nq	98
46) 1,1'-Biphenyl	13.47	154	258923	43.876	nq	96
47) 2-Chloronaphthalene	13.52	162	201574	44.894	nq	100
48) 2-Nitroaniline	13.72	65	63260	47.139	nq	94
49) Acenaphthylene	14.36	152	338211	48.398	nq	99
50) Dimethylphthalate	14.09	163	322869	53.736	nq	100
51) 2,6-Dinitrotoluene	14.22	165	62353	47.769	nq	95
52) Acenaphthene	14.70	154	198933	46.681	nq	95
53) 3-Nitroaniline	14.56	138	17444	13.842	nq	92
54) 2,4-Dinitrophenol	14.76	184	56947	70.787	nq	98
55) Dibenzofuran	15.04	168	334995	48.474	nq	97
56) 4-Nitrophenol	14.90	139	96250	113.968	nq	93
57) 2,4-Dinitrotoluene	15.00	165	93697	50.228	nq	98
58) Fluorene	15.69	166	284714	49.120	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.27	232	92533	50.956	nq	95
60) Diethylphthalate	15.45	149	281620	46.648	nq	98
61) 4-Chlorophenyl-phenylether	15.67	204	159287	47.107	nq	96
62) 4-Nitroaniline	15.72	138	59916	46.035	nq	95
63) Azobenzene	15.97	77	241803	49.489	nq	97
65) 4,6-Dinitro-2-methylphenol	15.77	198	51629	43.437	nq	94
66) n-Nitrosodiphenylamine	15.89	169	257059	45.081	nq	98
67) 4-Bromophenyl-phenylether	16.57	248	116429	42.835	nq	96
68) Hexachlorobenzene	16.70	284	133657	42.839	nq	99
69) Atrazine	16.84	200	116566	58.831	nq	97
70) Pentachlorophenol	17.05	266	132424	93.148	nq	97
71) Phenanthrene	17.43	178	482184	46.622	nq	98
72) Anthracene	17.52	178	509217	49.211	nq	98
73) Carbazole	17.79	167	455471	48.606	nq	99
74) Di-n-butylphthalate	18.34	149	524111	46.096	nq	99
75) Fluoranthene	19.44	202	652609	48.402	nq	100
77) Benzidine	19.62	184	53913	12.733	nq	99
78) Pyrene	19.80	202	656695	50.428	nq	99
80) Butylbenzylphthalate	20.68	149	238489	48.339	nq	96
81) Benzo(a)anthracene	21.63	228	658014	49.932	nq	100
82) 3,3'-Dichlorobenzidine	21.55	252	84910	16.658	nq	99
83) Chrysene	21.70	228	639872	48.869	nq	98
84) Bis(2-ethylhexyl)phthalate	21.53	149	340861	48.636	nq	99
85) Di-n-octyl phthalate	22.73	149	584365	49.147	nq	99
86) Indeno(1,2,3-cd)pyrene	28.49	276	823971	50.133	nq	# 96
88) Benzo(b)fluoranthene	23.83	252	674644	48.187	nq	99
89) Benzo(k)fluoranthene	23.90	252	700023	49.667	nq	97
90) Benzo(a)pyrene	24.70	252	635538	47.536	nq	# 99
91) Dibenzo(a,h)anthracene	28.55	278	695552	50.863	nq	99
92) Benzo(g,h,i)perylene	29.62	276	694454	51.483	nq	99

(#) = 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: BG043562.D

Acq: 8 Nov 2019 6:28

Instrument :

BNA_G

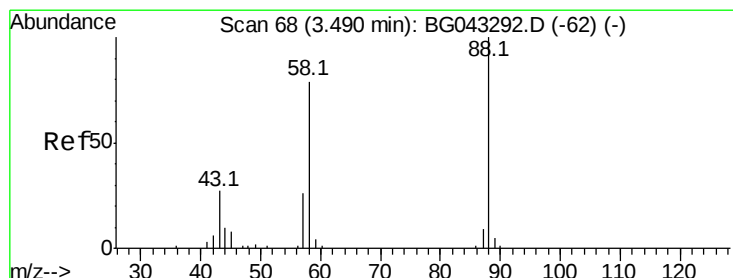
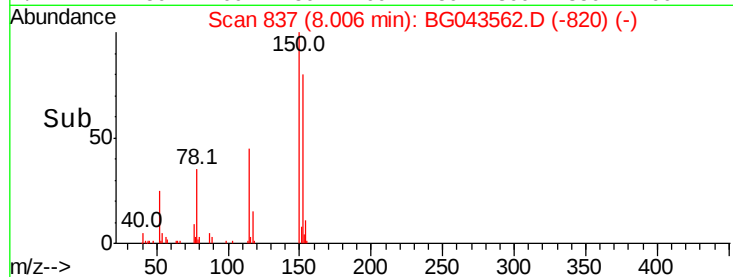
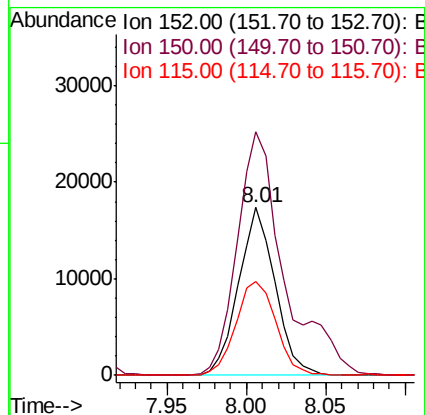
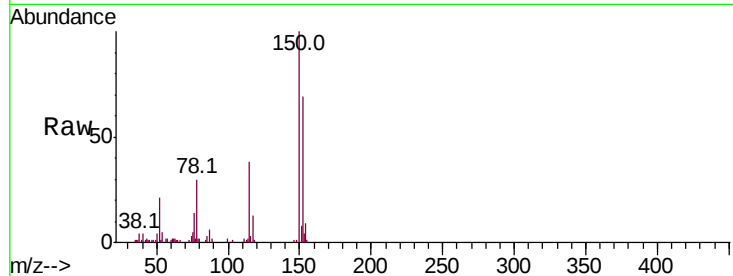
ClientSampleId :

TR-05-110519MS

Tot Ion:	152	Resp:	27800
Ion Ratio	Lower	Upper	
152	100		
150	144.9	129.4	194.0
115	55.6	48.8	73.2

Manual Integrations
APPROVED

Sohil
11/8/2019 3:33:05 PM



#2

1,4-Dioxane

Concen: 37.196 ng

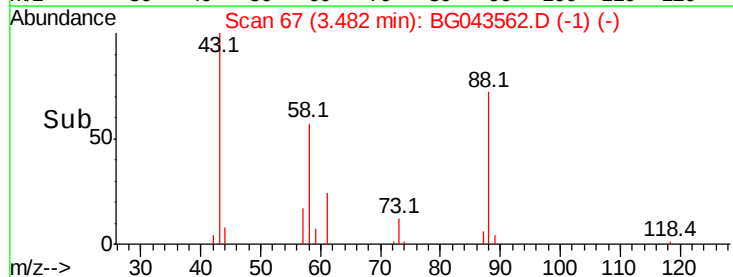
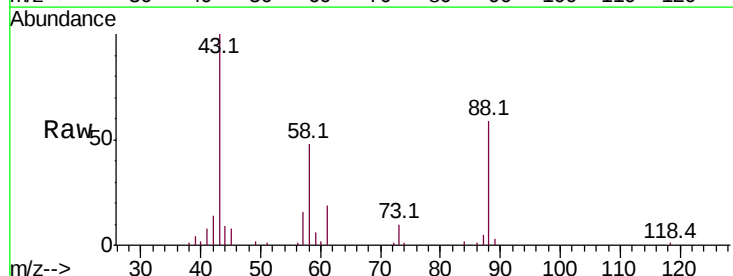
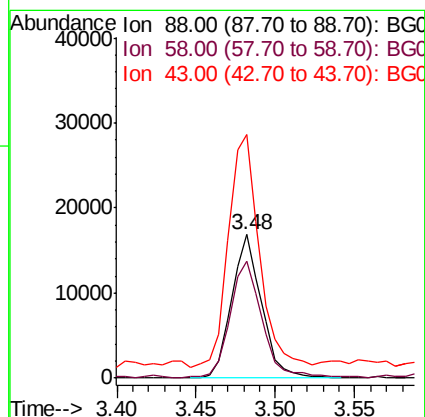
RT: 3.48 min Scan# 67

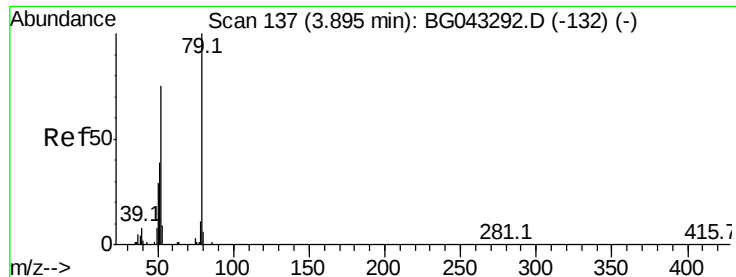
Delta R.T. 0.01 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

Tgt Ion:	88	Resp:	21990
Ion Ratio	Lower	Upper	
88	100		
58	88.9	62.7	94.1
43	167.3	23.7	35.5#





#3

Pvridine

Concen: 30.942 ng

RT: 3.89 min Scan# 136

Delta R.T. 0.01 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

Instrument :

BNA_G

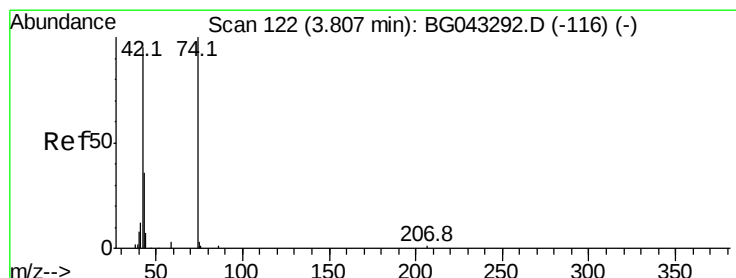
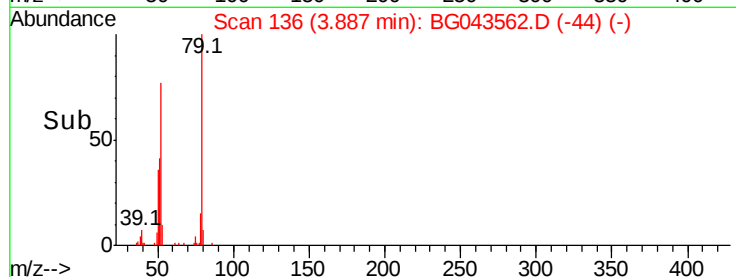
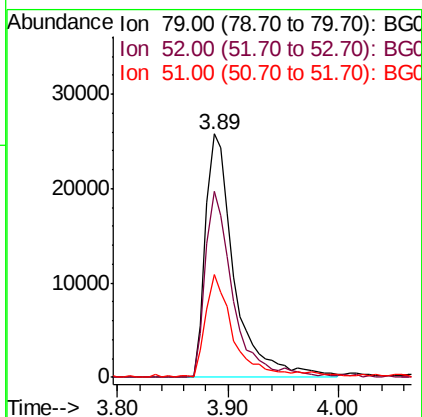
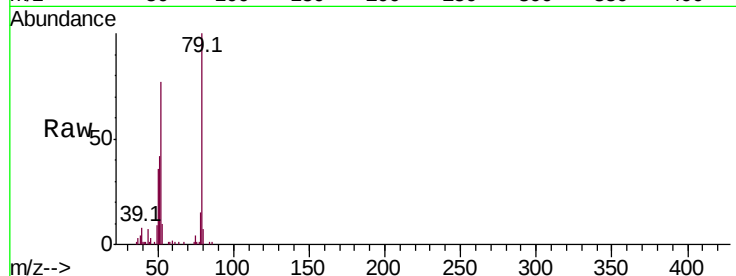
ClientSampleId :

TR-05-110519MS

Tot Ion:	79	Resp:	46145
Ion Ratio	Lower	Upper	
79	100		
52	76.5	56.5	84.7
51	42.2	33.2	49.8

Manual Integrations
APPROVED

Sohil
11/8/2019 3:33:05 PM



#4

n-Nitrosodimethylamine

Concen: 50.053 ng

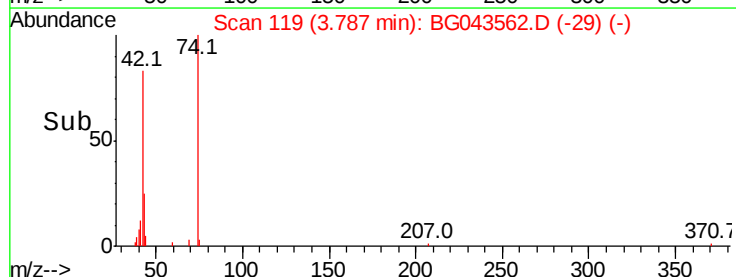
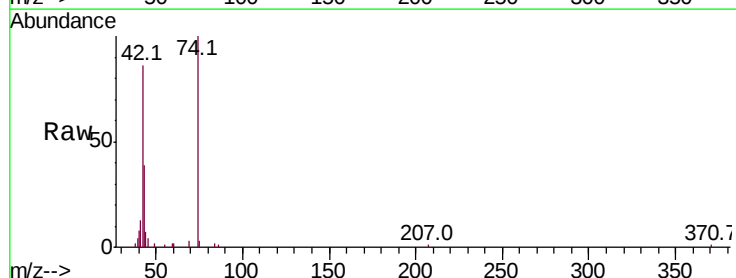
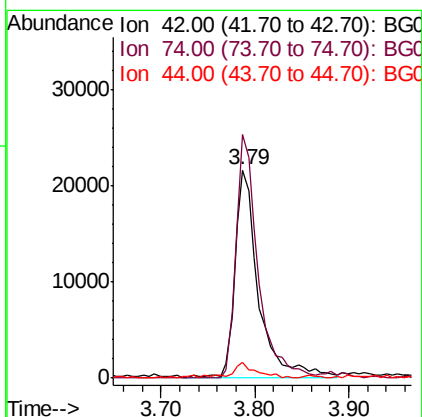
RT: 3.79 min Scan# 119

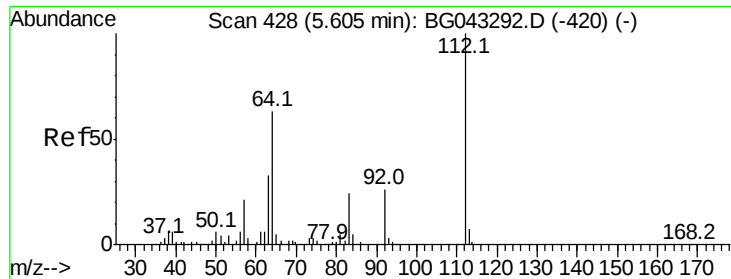
Delta R.T. -0.00 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

Tgt Ion:	42	Resp:	37667
Ion Ratio	Lower	Upper	
42	100		
74	116.9	97.3	145.9
44	7.8	4.4	6.6#





#5

2-Fluorophenol

Concen: 144.073 ng

RT: 5.60 min Scan# 428

Delta R.T. 0.01 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

Instrument :

BNA_G

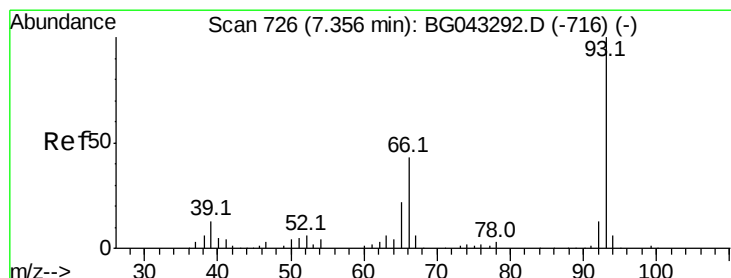
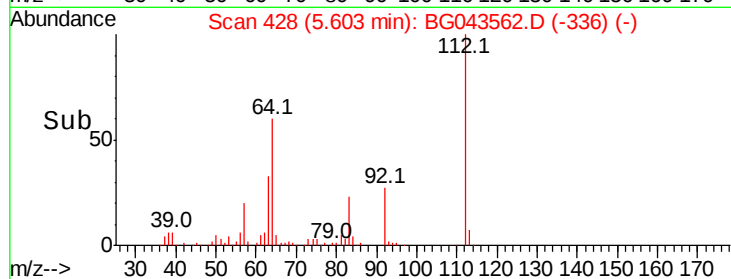
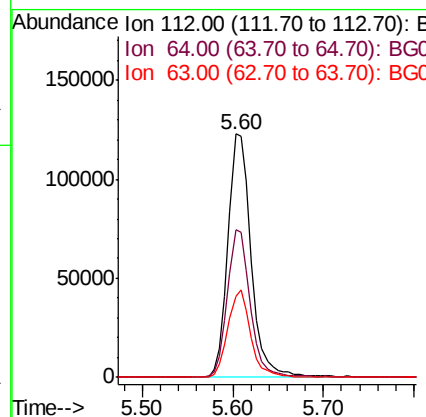
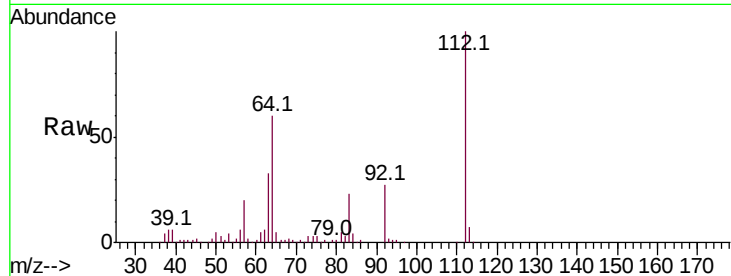
ClientSampleId :

TR-05-110519MS

Tot Ion:	112	Resp:	218573
Ion Ratio	Lower	Upper	
112	100		
64	60.5	50.0	75.0
63	33.2	26.6	40.0

Manual Integrations
APPROVED

Sohil
11/8/2019 3:33:05 PM



#6

Aniline

Concen: 12.159 ng

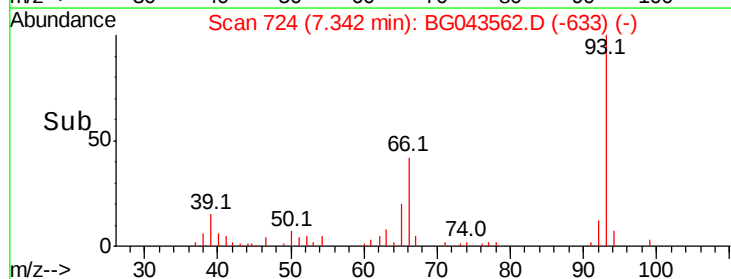
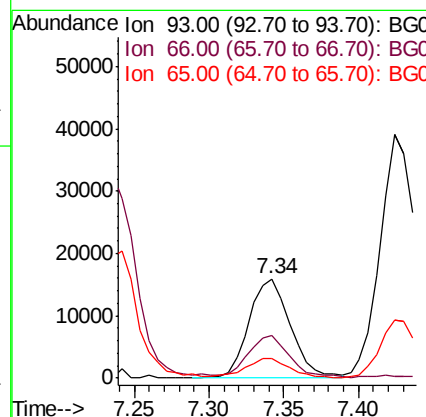
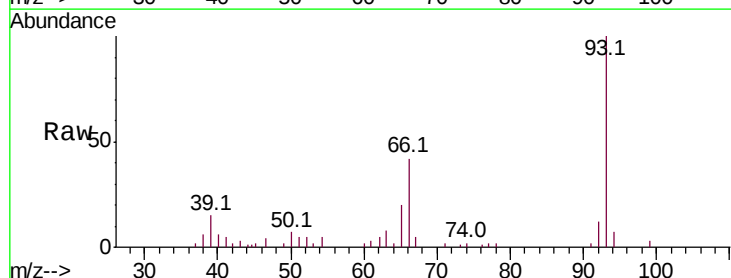
RT: 7.34 min Scan# 724

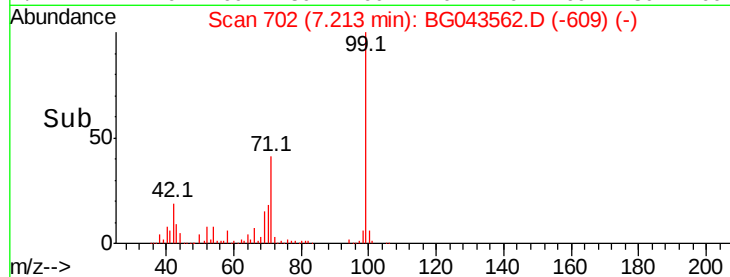
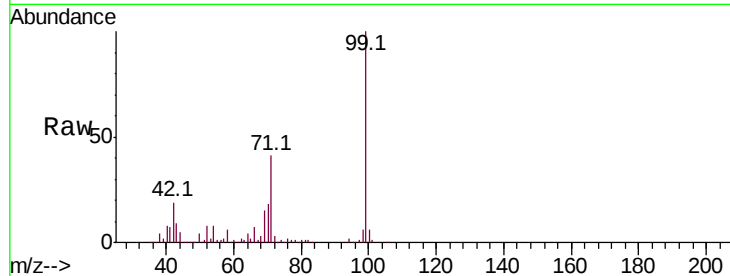
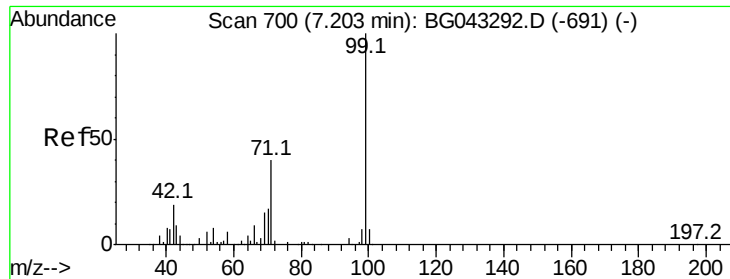
Delta R.T. 0.00 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

Tgt Ion:	93	Resp:	30573
Ion Ratio	Lower	Upper	
93	100		
66	42.4	32.3	48.5
65	20.0	16.1	24.1





#7

Phenol-d6

Concen: 134.079 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.02 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

Tot Ion	99	Resp	292661
Ion Ratio	Lower	Upper	
99	100		
42	18.9	14.6	21.8
71	40.5	32.5	48.7

Instrument :

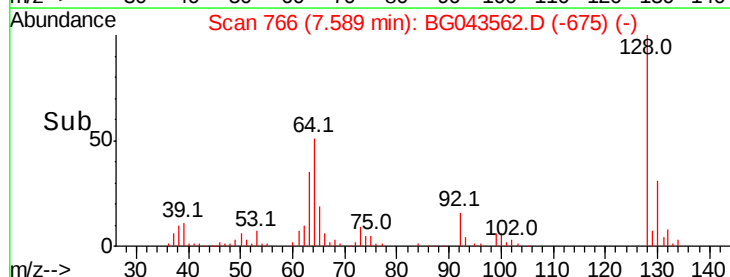
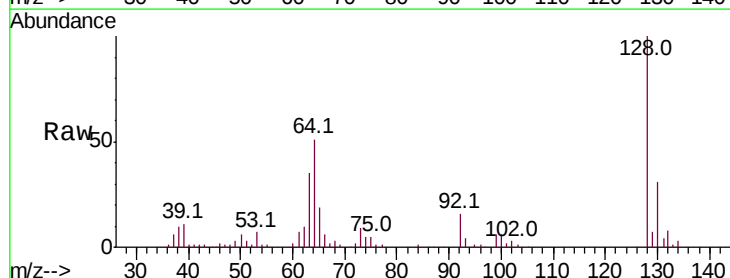
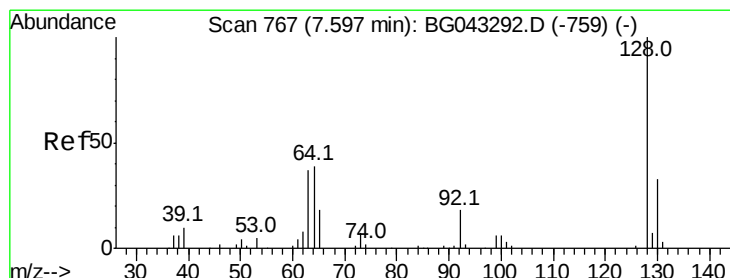
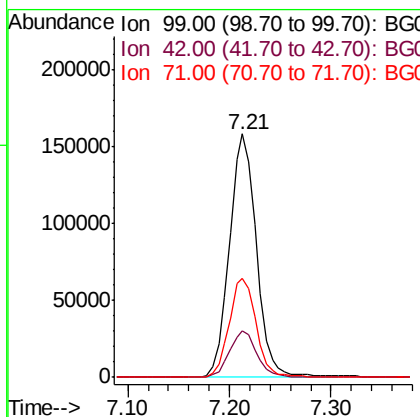
BNA_G

ClientSampleId :

TR-05-110519MS

Manual Integrations
APPROVED

Sohil
11/8/2019 3:33:05 PM



#8

2-Chlorophenol

Concen: 49.654 ng

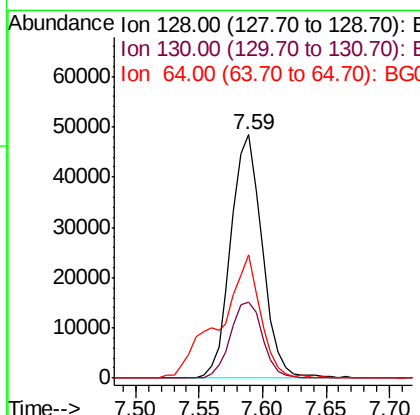
RT: 7.59 min Scan# 766

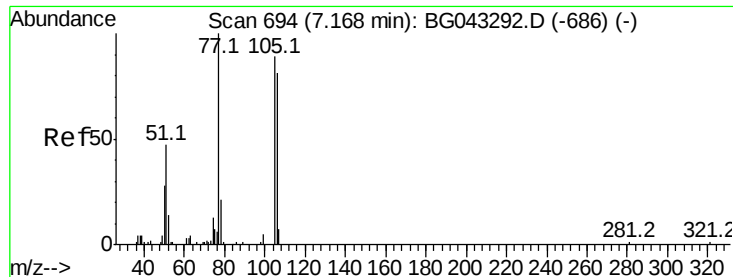
Delta R.T. 0.00 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

Tgt Ion	128	Resp	83156
Ion Ratio	Lower	Upper	
128	100		
130	31.3	12.5	52.5
64	50.5	25.3	65.3





#9

Benzaldehyde

Concen: 36.473 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

Instrument :

BNA_G

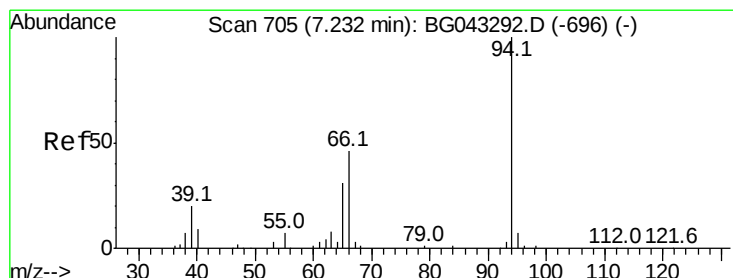
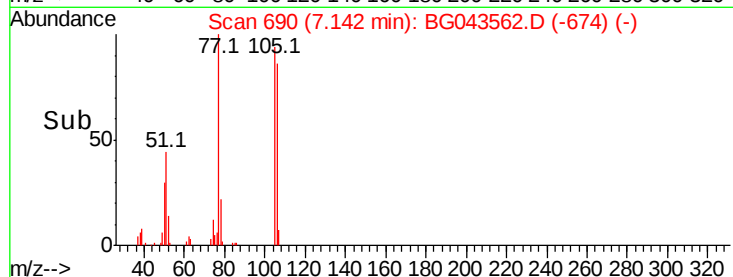
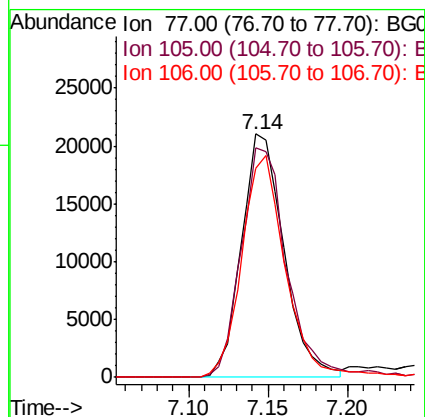
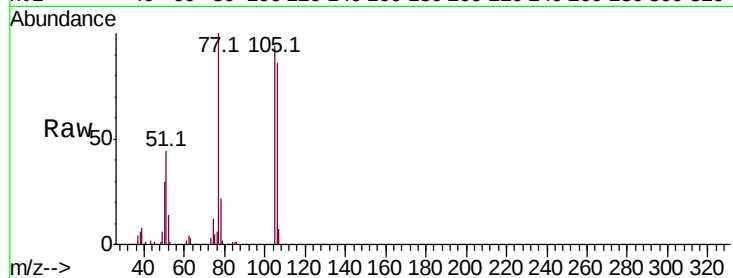
ClientSampleId :

TR-05-110519MS

Tot Ion:	77	Resp:	39124
Ion Ratio	Lower	Upper	
77	100		
105	94.1	68.6	108.6
106	86.0	69.9	109.9

Manual Integrations
APPROVED

Sohil
11/8/2019 3:33:05 PM



#10

Phenol

Concen: 53.831 ng

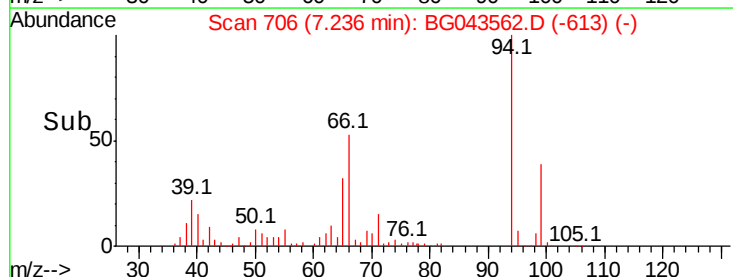
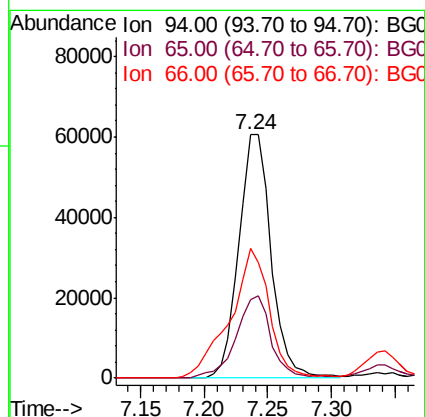
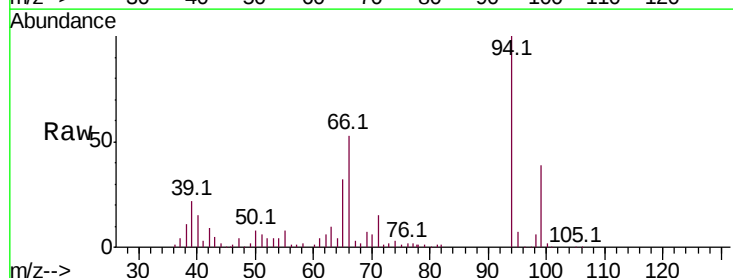
RT: 7.24 min Scan# 706

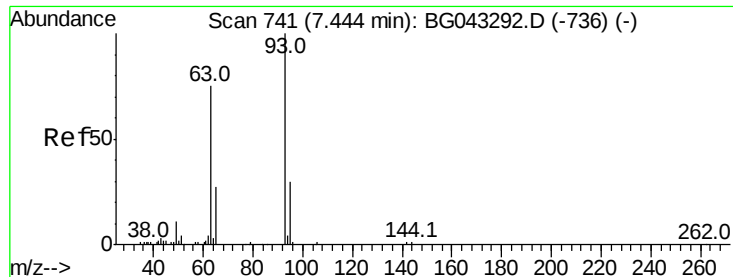
Delta R.T. 0.02 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

Tgt Ion:	94	Resp:	107370
Ion Ratio	Lower	Upper	
94	100		
65	32.0	12.6	52.6
66	53.3	30.7	70.7





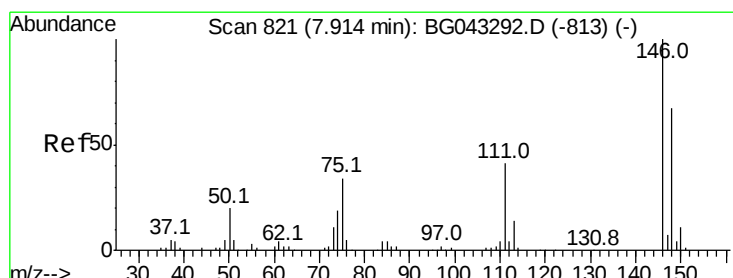
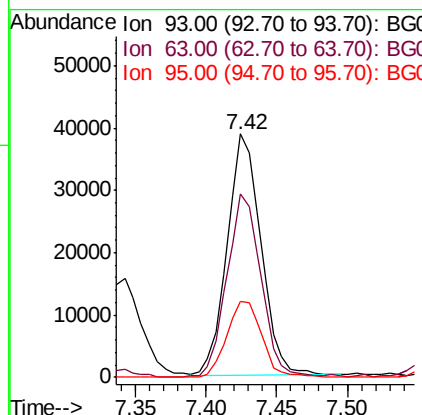
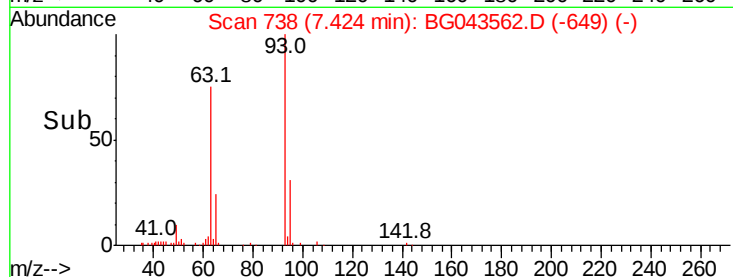
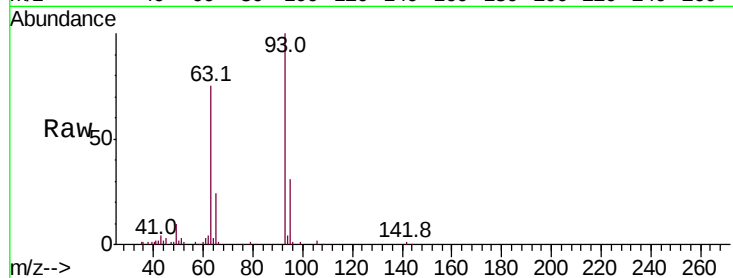
#11
bis(2-Chloroethyl)ether
Concen: 42.039 ng
RT: 7.42 min Scan# 738
Delta R.T. -0.01 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Instrument :
BNA_G
ClientSampleId :
TR-05-110519MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.2	56.3	96.3
95	31.1	12.2	52.2

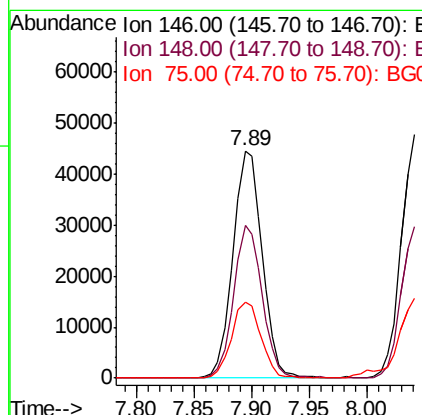
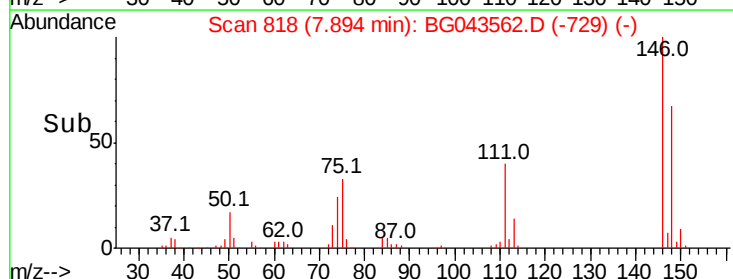
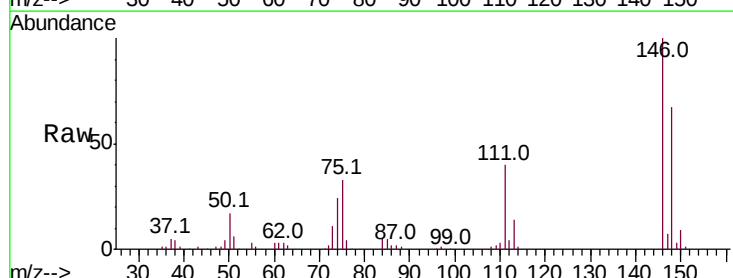
Manual Integrations
APPROVED

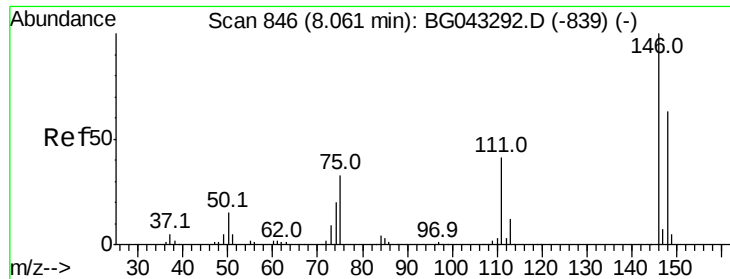
Sohil
11/8/2019 3:33:05 PM



#12
1,3-Dichlorobenzene
Concen: 37.311 ng
RT: 7.89 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.2	50.3	75.5
75	33.1	24.6	37.0





#13

1,4-Dichlorobenzene

Concen: 38.378 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.00 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

Instrument :

BNA_G

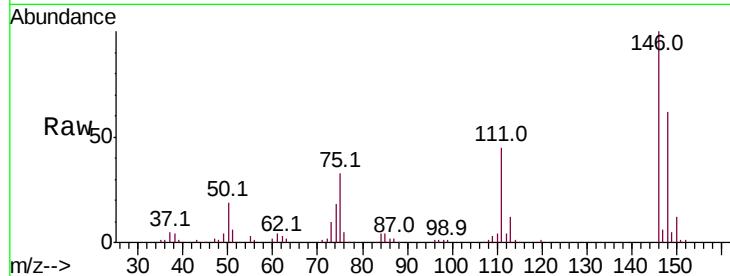
ClientSampleId :

TR-05-110519MS

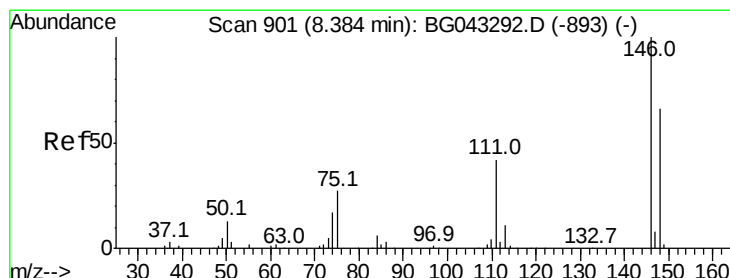
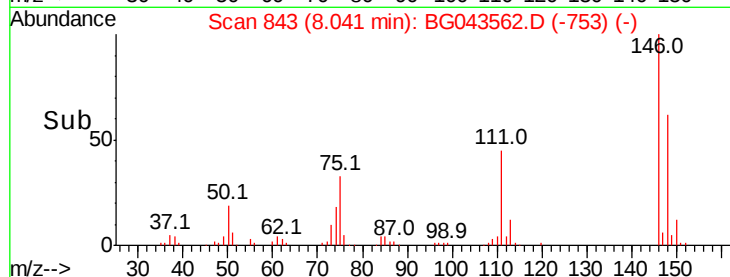
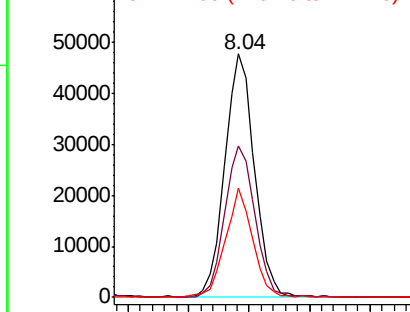
Tot Ion:	146	Resp:	81474
Ion Ratio	Lower	Upper	
146	100		
148	62.4	50.7	76.1
111	44.8	33.4	50.2

Manual Integrations
APPROVED

Sohil
11/8/2019 3:33:05 PM



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.600 ng

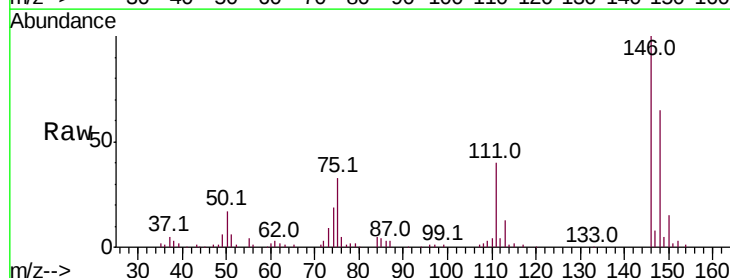
RT: 8.36 min Scan# 898

Delta R.T. -0.00 min

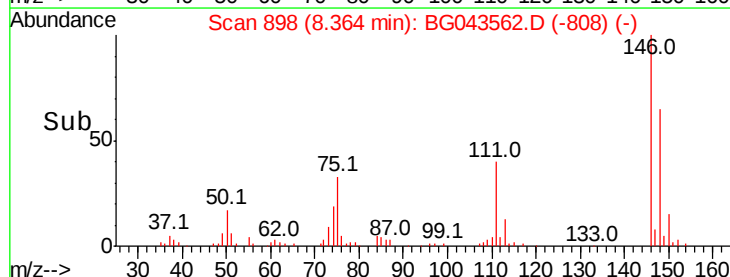
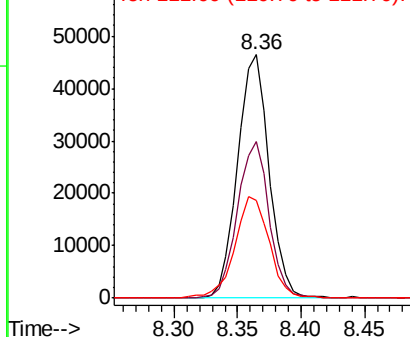
Lab File: BG043562.D

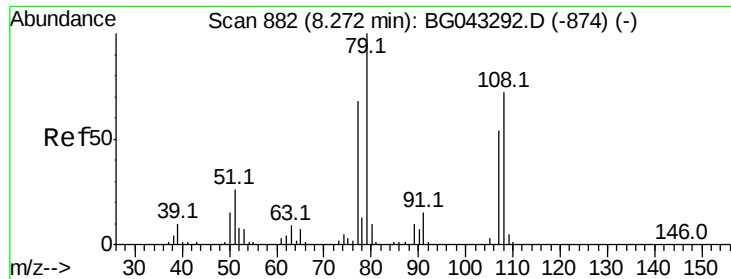
Acq: 8 Nov 2019 6:28

Tgt Ion:	146	Resp:	80011
Ion Ratio	Lower	Upper	
146	100		
148	64.5	53.2	79.8
111	39.9	35.8	53.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.131 ng

RT: 8.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

Instrument :

BNA_G

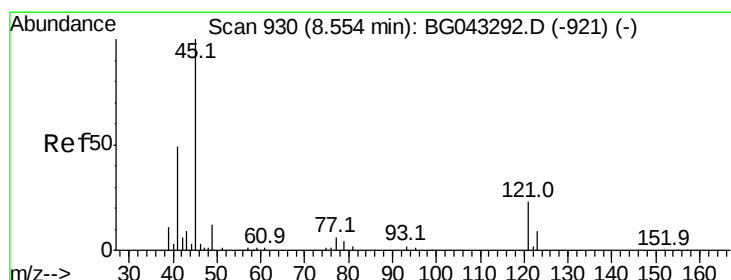
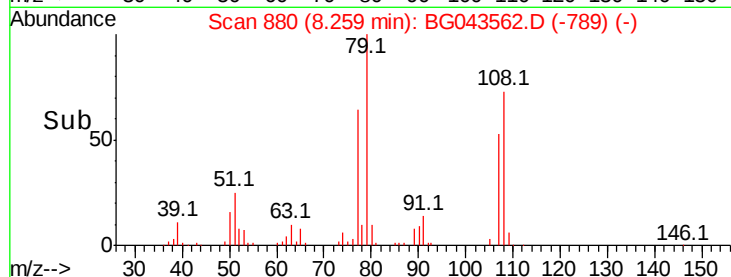
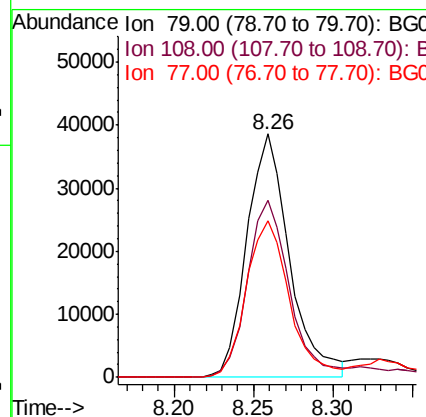
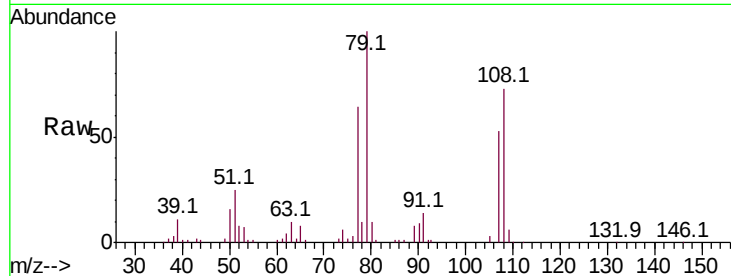
ClientSampleId :

TR-05-110519MS

Tot Ion:	79	Resp:	72250
Ion Ratio	Lower	Upper	
79	100		
108	72.7	53.6	80.4
77	64.4	49.6	74.4

Manual Integrations
APPROVED

Sohil
11/8/2019 3:33:05 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.677 ng

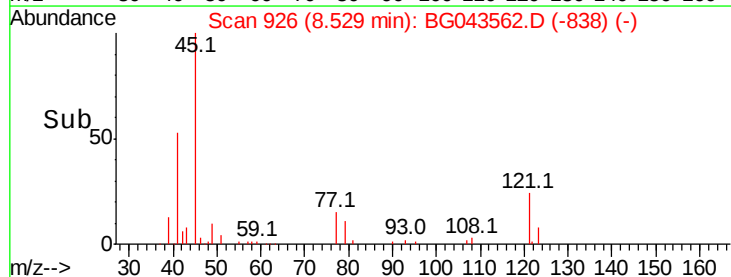
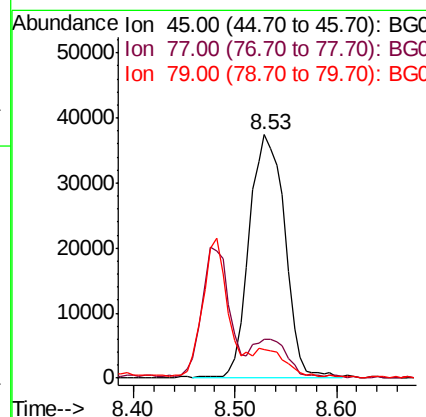
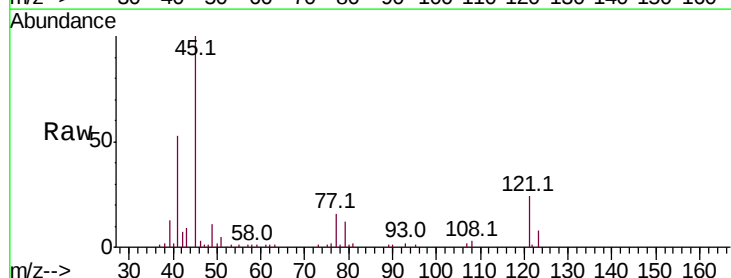
RT: 8.53 min Scan# 926

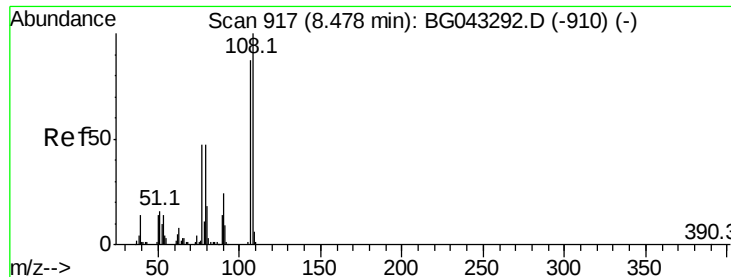
Delta R.T. -0.01 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

Tgt Ion:	45	Resp:	91211
Ion Ratio	Lower	Upper	
45	100		
77	16.0	0.0	34.9
79	11.8	0.0	33.0





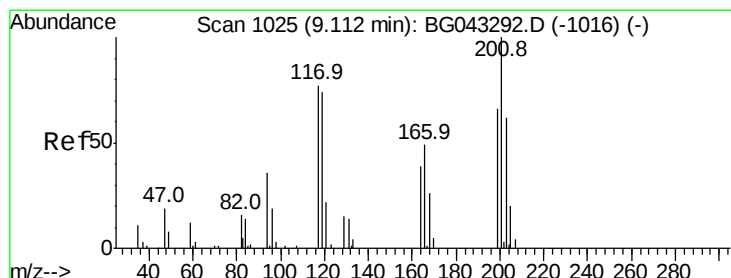
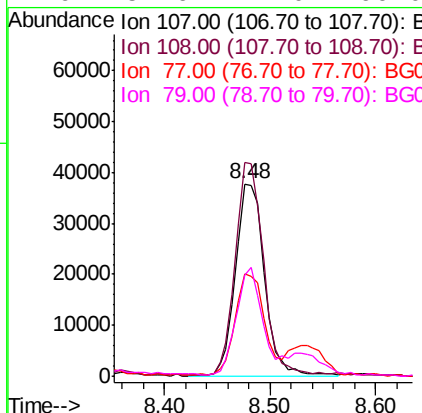
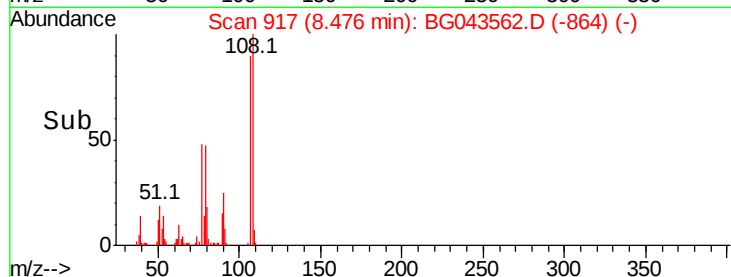
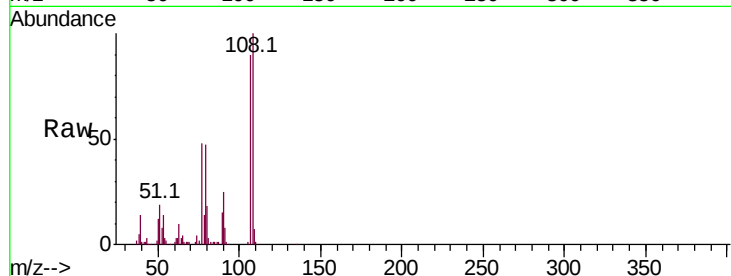
#17
2-Methylphenol
Concen: 49.526 ng
RT: 8.48 min Scan# 917
Delta R.T. 0.01 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Instrument :
BNA_G
ClientSampleId :
TR-05-110519MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.9	90.2	135.4	
77	53.1	40.2	60.2	
79	52.6	44.0	66.0	

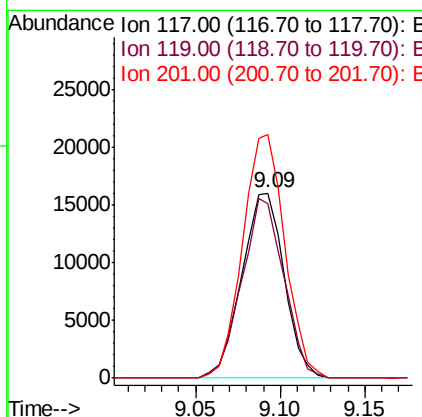
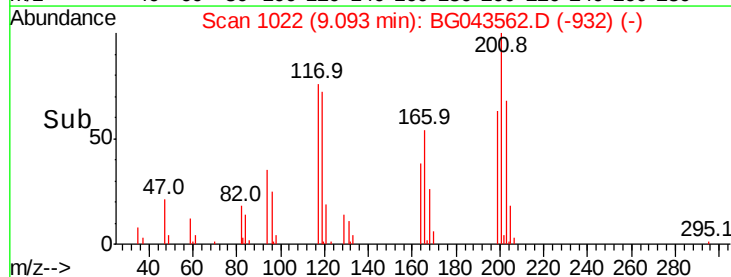
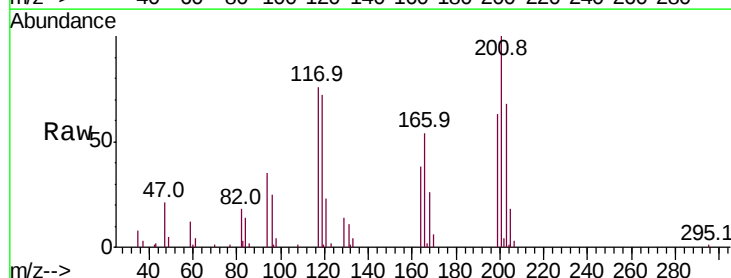
Manual Integrations
APPROVED

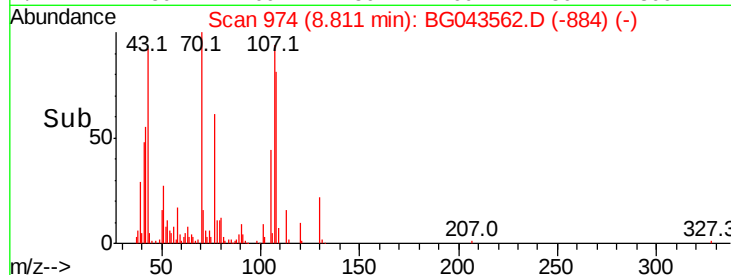
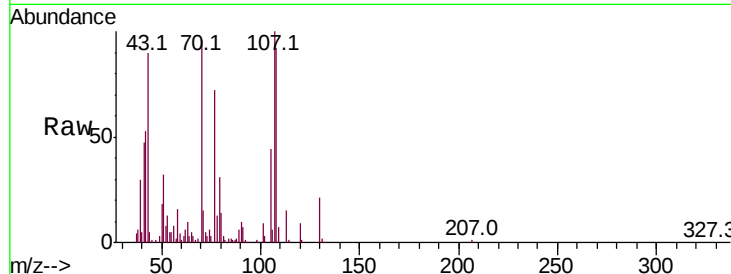
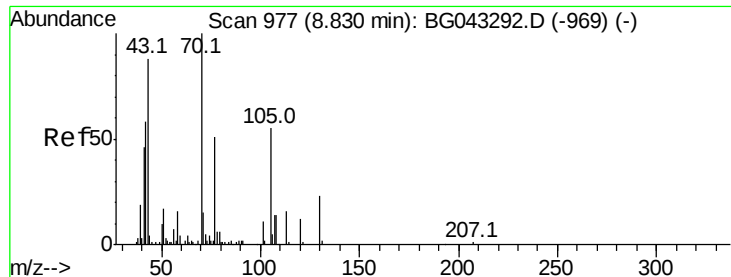
Sohil
11/8/2019 3:33:05 PM



#18
Hexachloroethane
Concen: 36.549 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.6	79.0	118.4	
201	131.7	105.4	158.2	





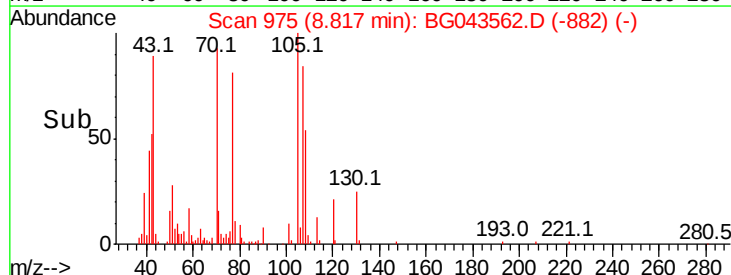
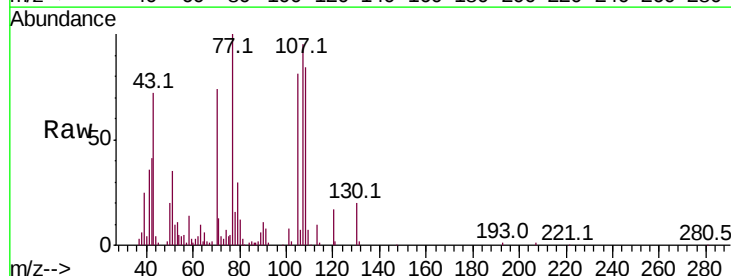
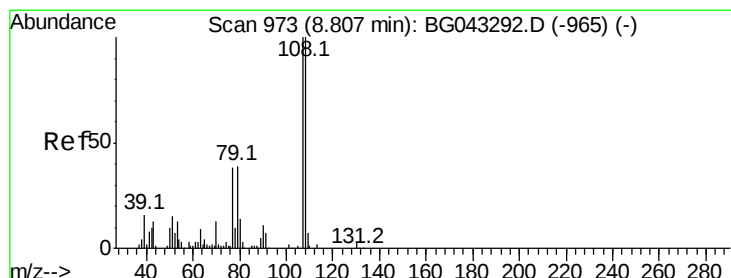
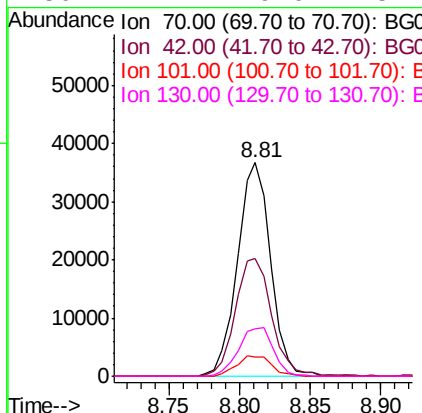
#19
n-Nitroso-di-n-propylamine
Concen: 42.579 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Instrument :
BNA_G
ClientSampleId :
TR-05-110519MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.1	41.4	62.2
101	9.1	7.9	11.9
130	22.2	19.0	28.4

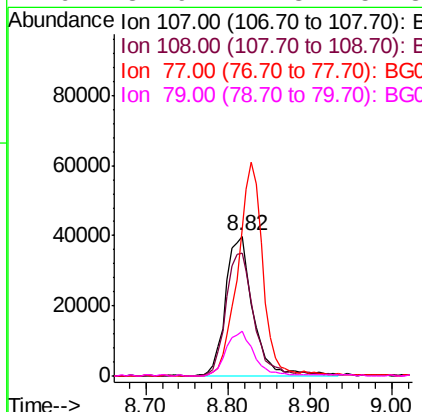
Manual Integrations
APPROVED

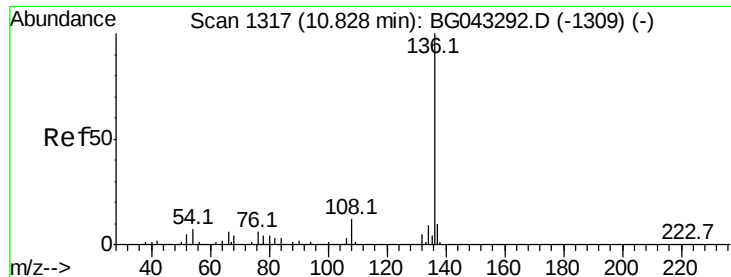
Sohil
11/8/2019 3:33:05 PM



#20
3+4-Methylphenols
Concen: 46.882 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.02 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.3	66.6	106.6
77	105.4	20.9	60.9#
79	31.9	11.3	51.3





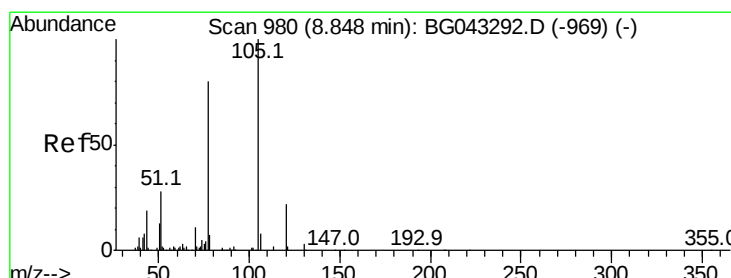
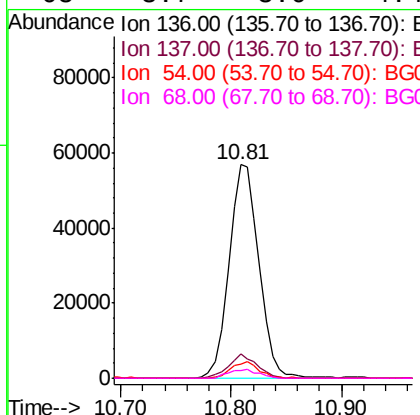
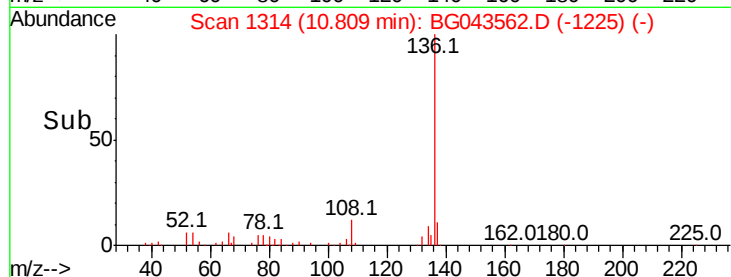
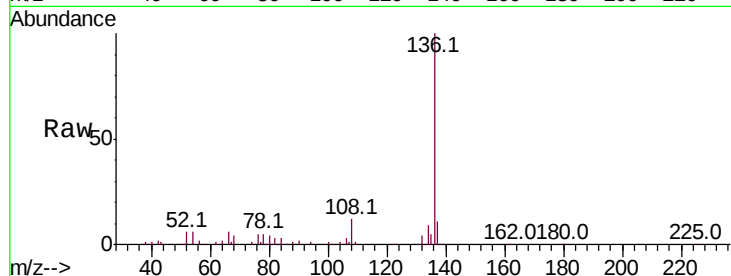
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Instrument :
BNA_G
ClientSampleId :
TR-05-110519MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.7	13.1	
54	6.3	5.4	8.2	
68	3.7	3.0	4.4	

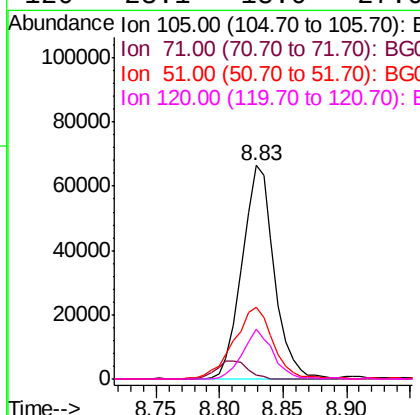
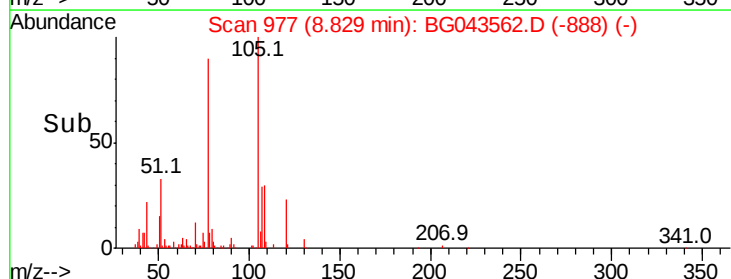
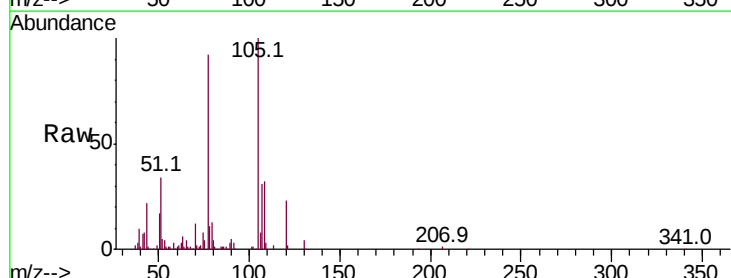
Manual Integrations
APPROVED

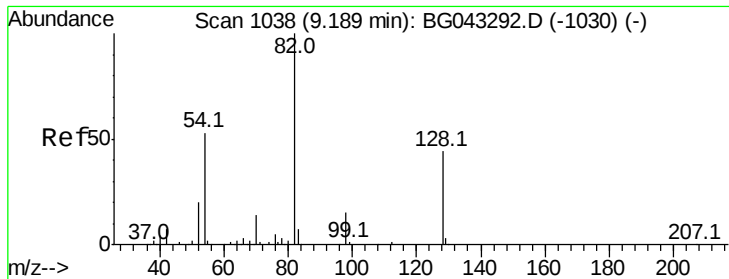
Sohil
11/8/2019 3:33:05 PM



#22
Acetophenone
Concen: 42.563 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.7	0.8	1.2#	
51	33.6	21.0	31.4#	
120	23.1	18.0	27.0	





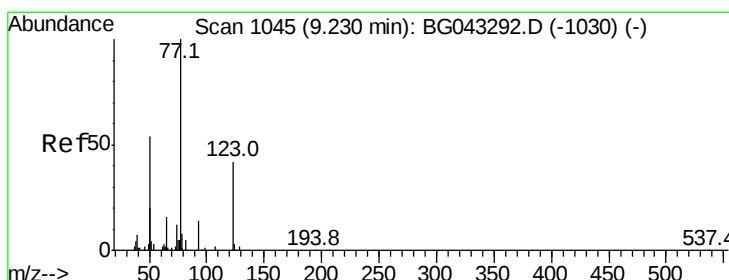
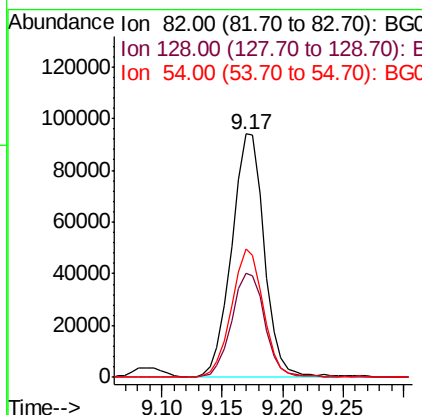
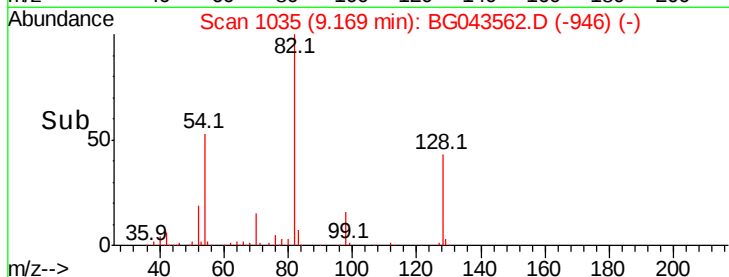
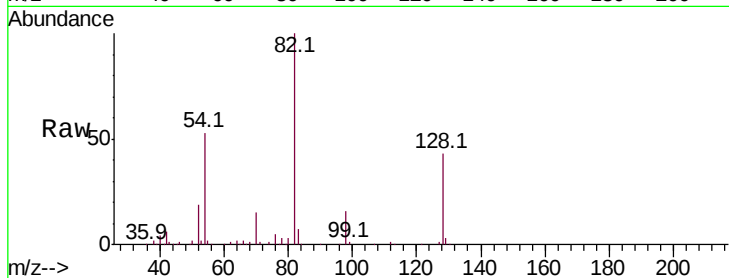
#23
Nitrobenzene-d5
Concen: 85.242 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Instrument :
BNA_G
ClientSampleId :
TR-05-110519MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.7	35.0	52.6
54	53.0	40.2	60.2

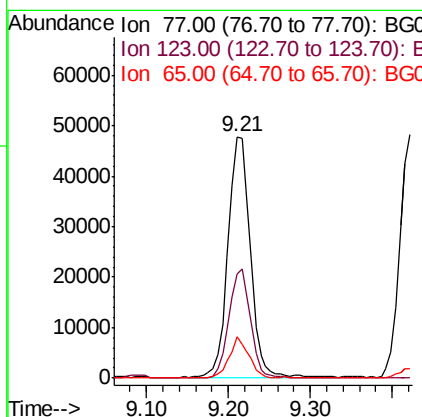
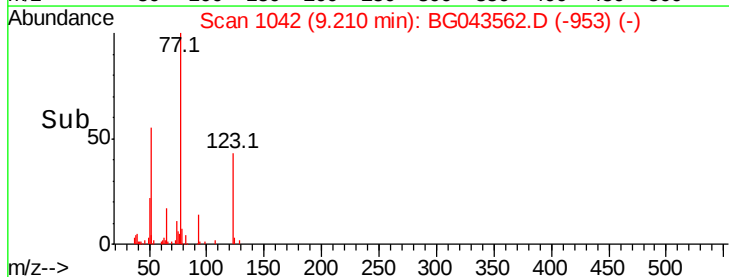
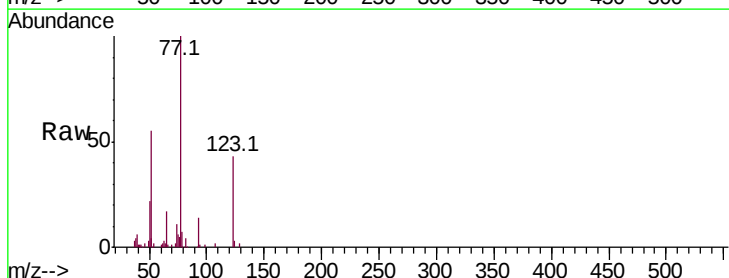
Manual Integrations
APPROVED

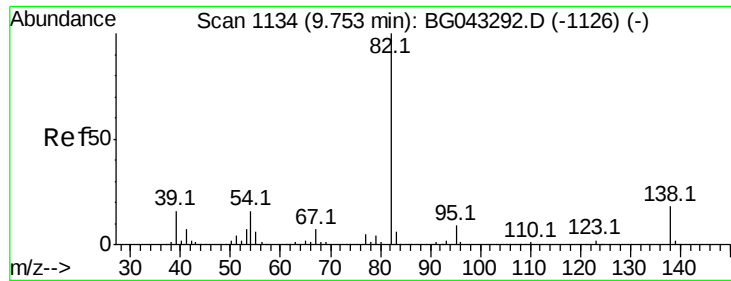
Sohil
11/8/2019 3:33:05 PM



#24
Nitrobenzene
Concen: 46.385 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.1	35.0	52.6
65	17.1	9.5	14.3#





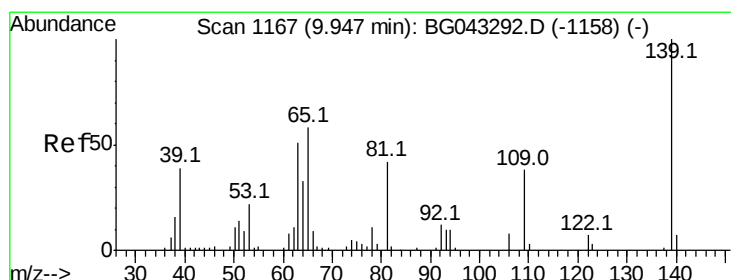
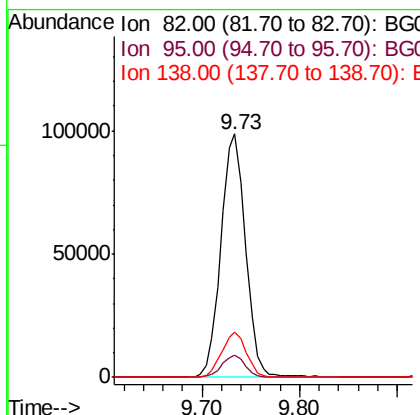
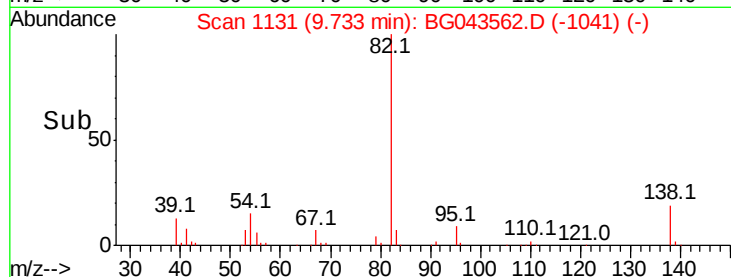
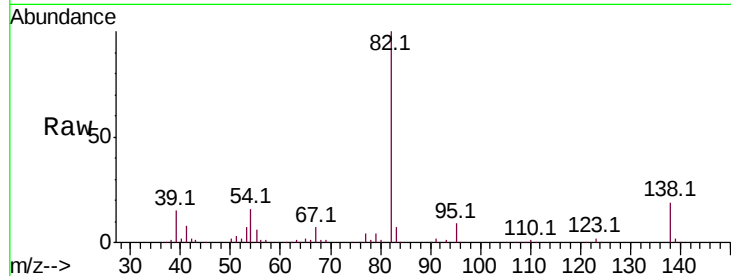
#25
Isophorone
Concen: 45.475 ng
RT: 9.73 min Scan# 1131
Delta R.T. -0.00 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Instrument :
BNA_G
ClientSampleId :
TR-05-110519MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	9.1	6.6	9.8	
138	18.6	15.2	22.8	

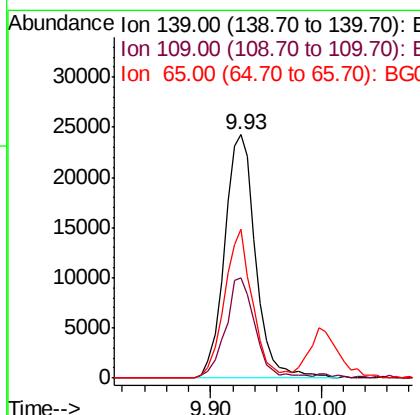
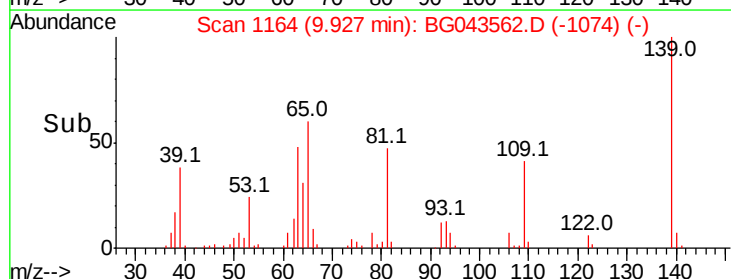
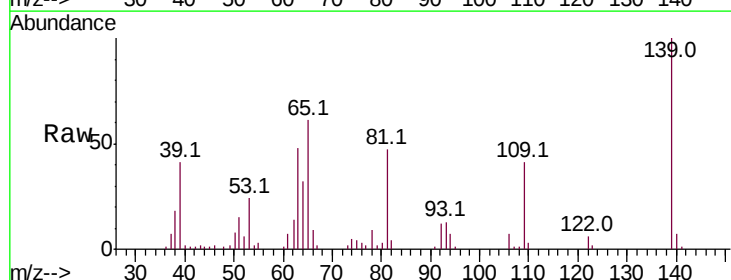
Manual Integrations
APPROVED

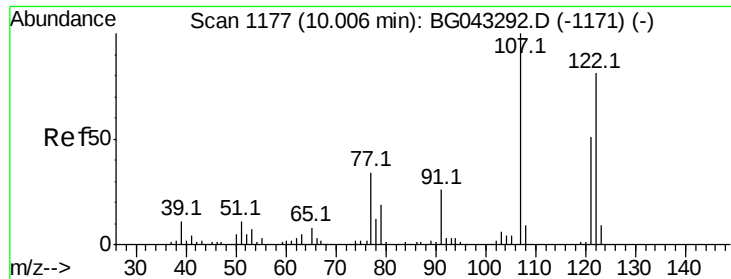
Sohil
11/8/2019 3:33:05 PM



#26
2-Nitrophenol
Concen: 49.531 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	41.2	26.5	39.7#	
65	61.4	43.8	65.8	





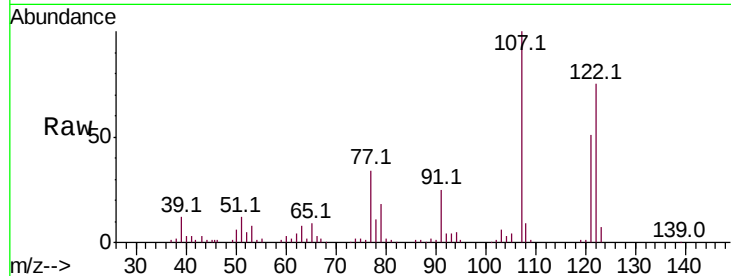
#27
2,4-Dimethylphenol
Concen: 55.033 ng
RT: 10.00 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Instrument :
BNA_G
ClientSampleId :
TR-05-110519MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	133.0	104.4	156.6
121	67.5	47.2	70.8

Manual Integrations
APPROVED

Sohil
11/8/2019 3:33:05 PM

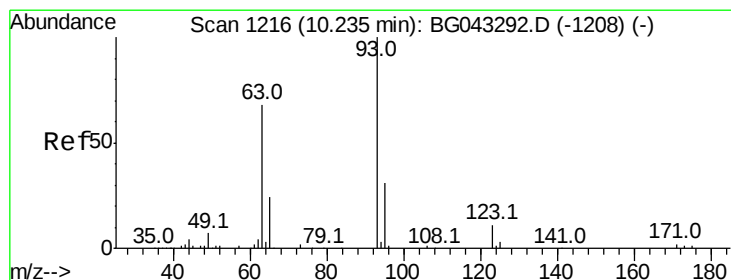
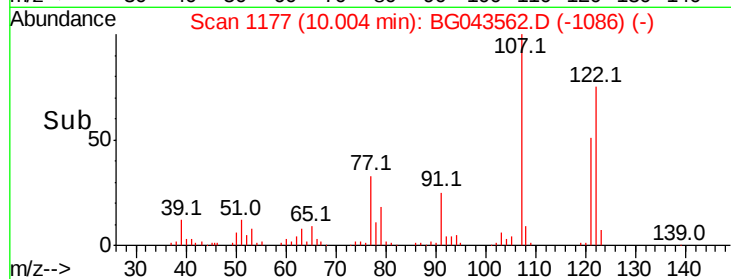
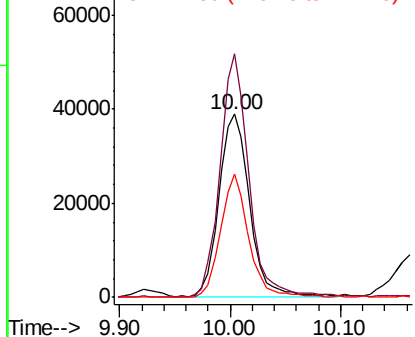


Abundance

Ion 122.00 (121.70 to 122.70): E

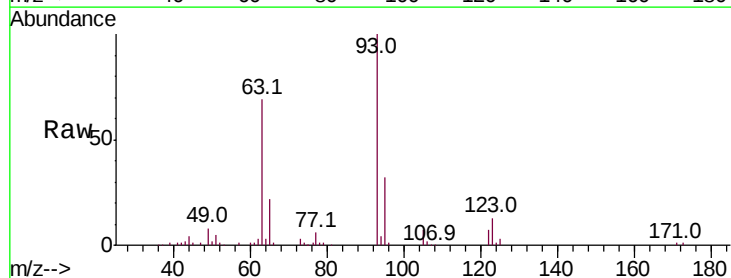
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 43.021 ng
RT: 10.22 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.0	39.0
123	13.4	10.6	15.8

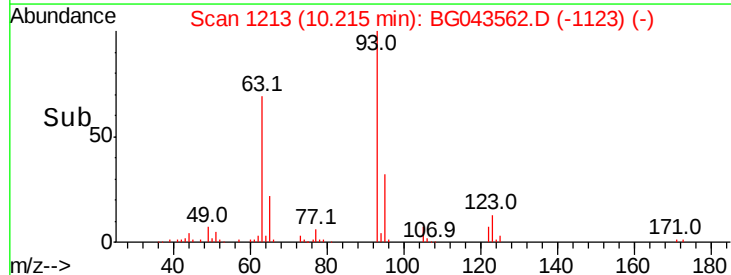
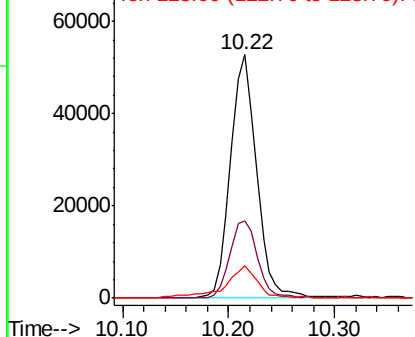


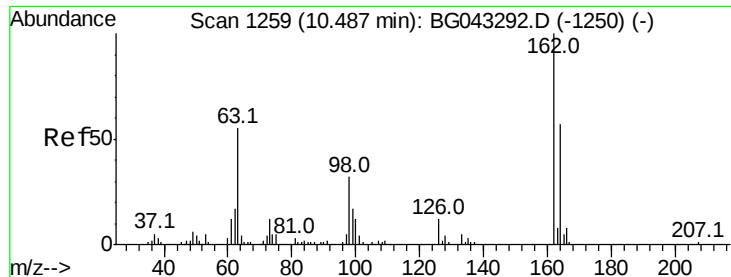
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 48.700 ng

RT: 10.49 min Scan# 1259

Delta R.T. 0.01 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

Instrument :

BNA_G

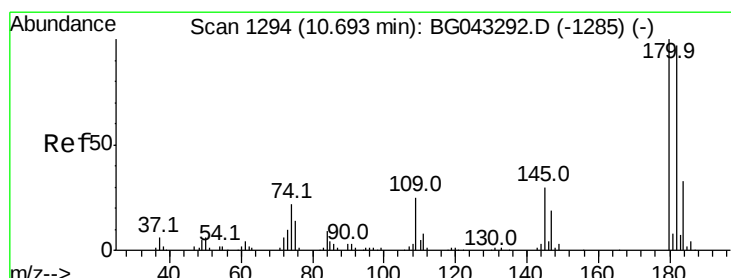
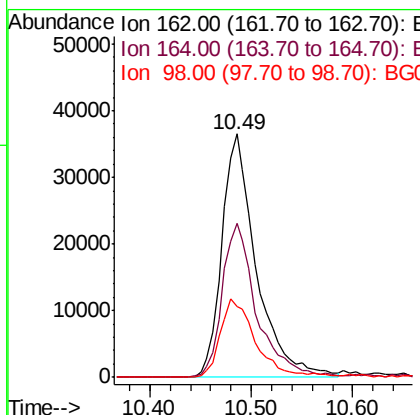
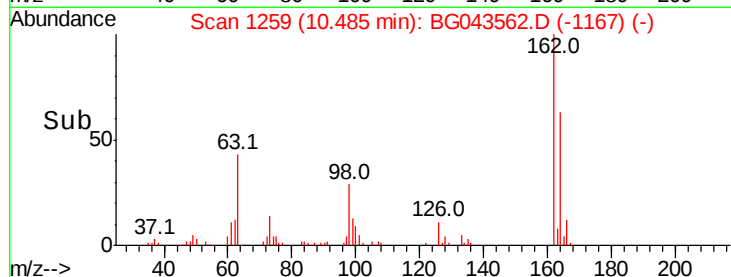
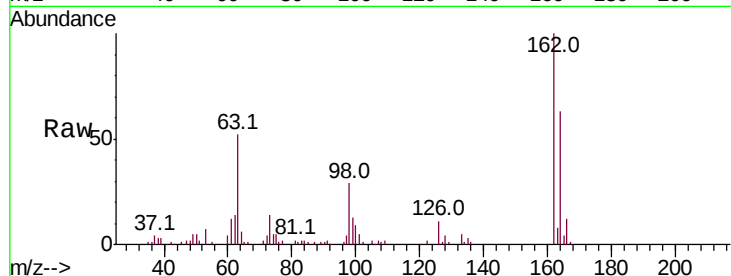
ClientSampleId :

TR-05-110519MS

Tot Ion:	162	Resp:	85815
Ion Ratio	Lower	Upper	
162	100		
164	63.1	48.9	88.9
98	29.3	15.1	55.1

Manual Integrations
APPROVED

Sohil
11/8/2019 3:33:05 PM



#30

1,2,4-Trichlorobenzene

Concen: 41.955 ng

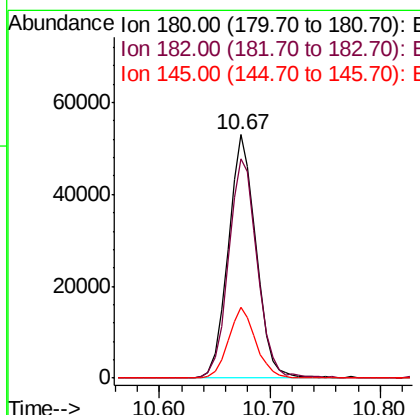
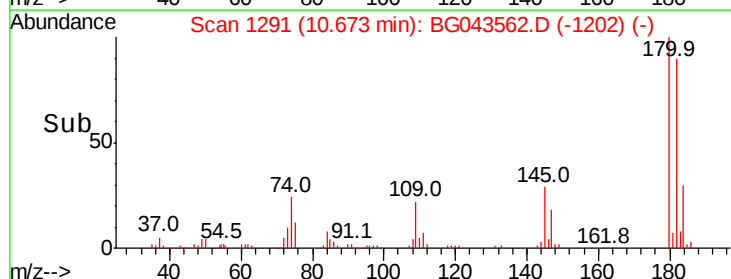
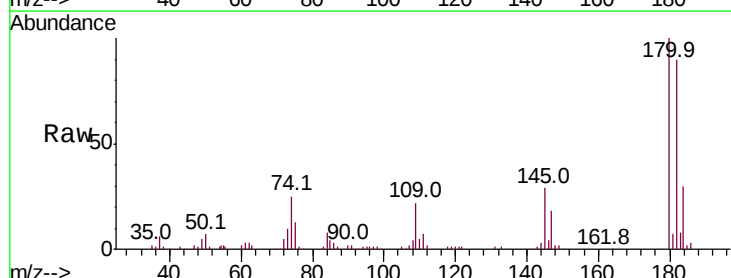
RT: 10.67 min Scan# 1291

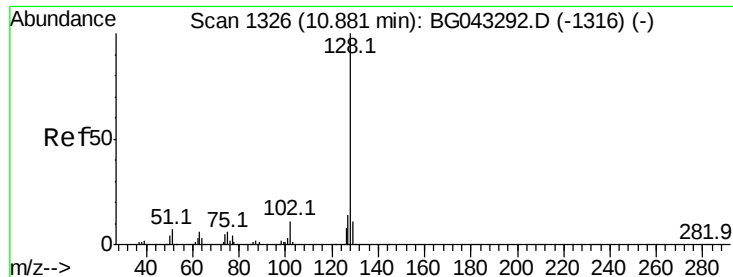
Delta R.T. -0.01 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

Tgt Ion:	180	Resp:	93177
Ion Ratio	Lower	Upper	
180	100		
182	90.2	75.1	112.7
145	29.1	23.9	35.9





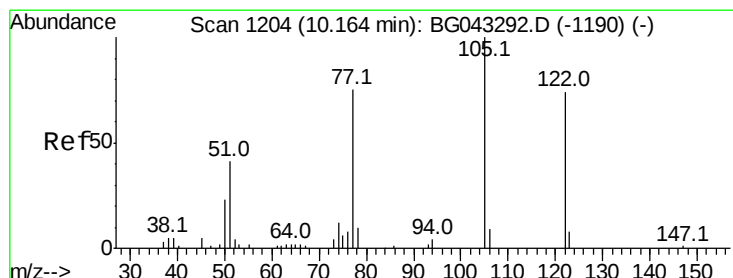
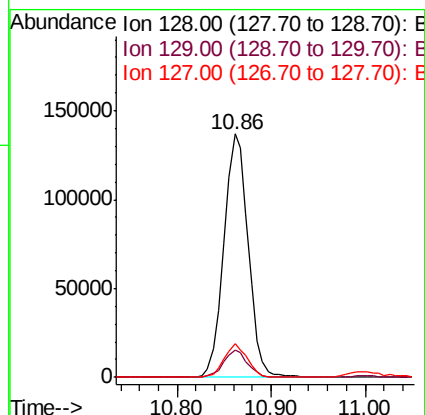
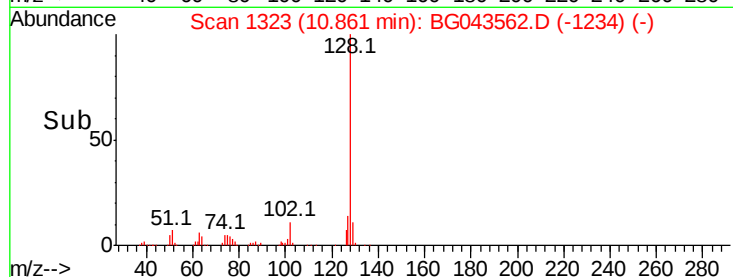
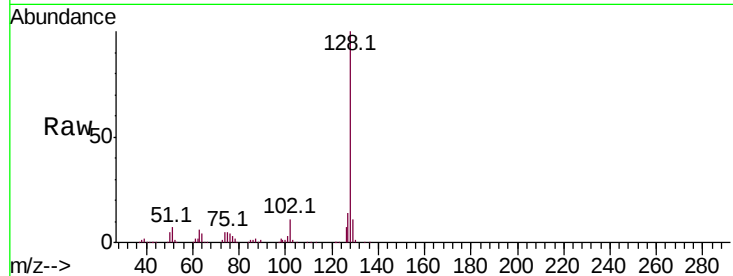
#31
Naphthalene
Concen: 45.163 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Instrument :
BNA_G
ClientSampleId :
TR-05-110519MS

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	11.0	9.4	14.0
127	14.0	11.1	16.7

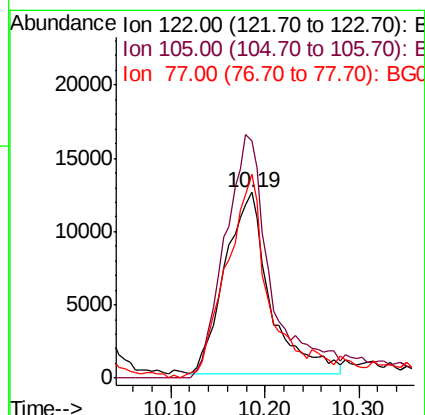
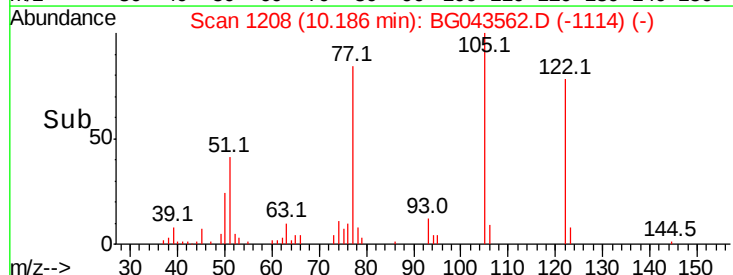
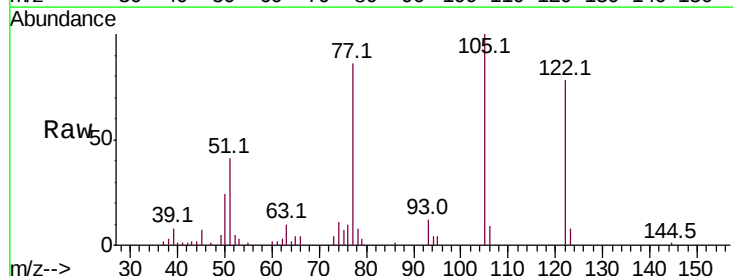
Manual Integrations
APPROVED

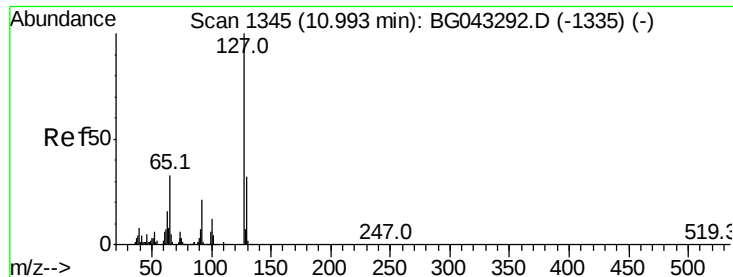
Sohil
11/8/2019 3:33:05 PM



#32
Benzoic acid
Concen: 41.174 ng
RT: 10.19 min Scan# 1208
Delta R.T. 0.02 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	127.9	103.3	143.3
77	109.8	84.9	124.9





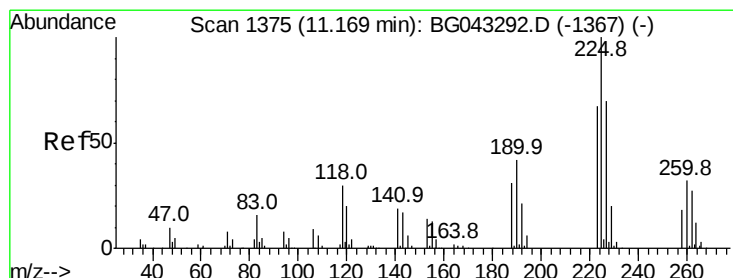
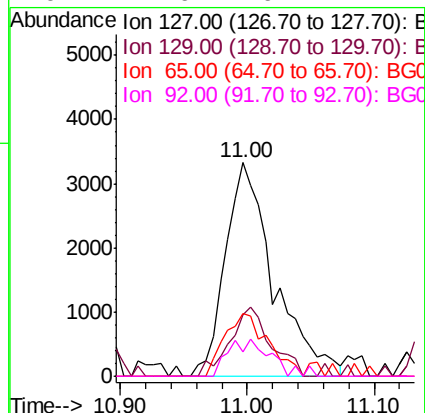
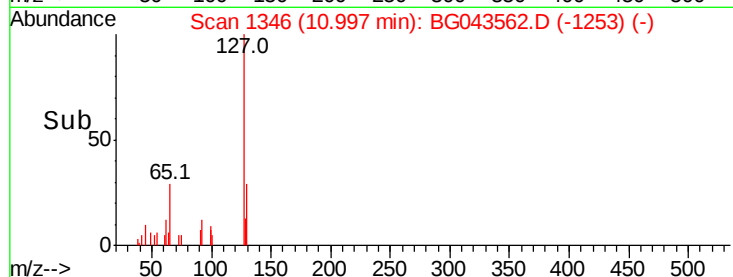
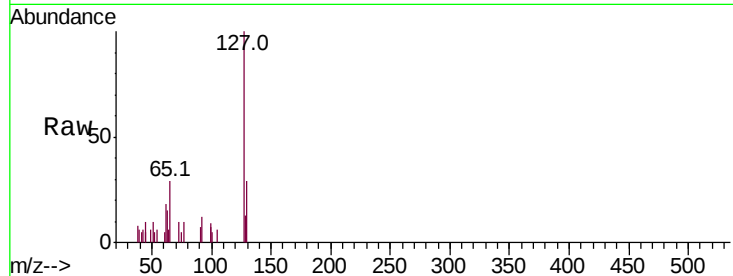
#33
4-Chloroaniline
Concen: 3.947 ng
RT: 11.00 min Scan# 1346
Delta R.T. 0.02 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Instrument :
BNA_G
ClientSampleId :
TR-05-110519MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	28.6	26.5	39.7
65	29.2	26.4	39.6
92	11.6	16.2	24.2

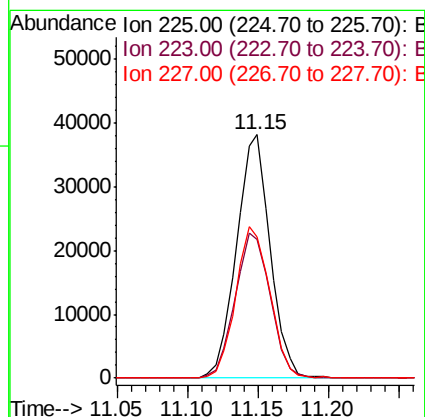
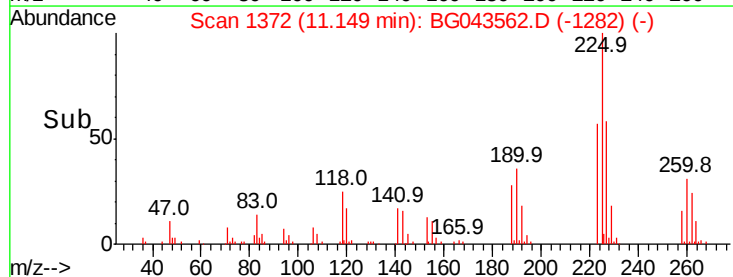
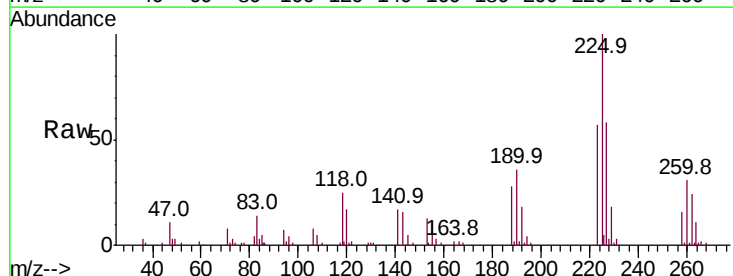
Manual Integrations
APPROVED

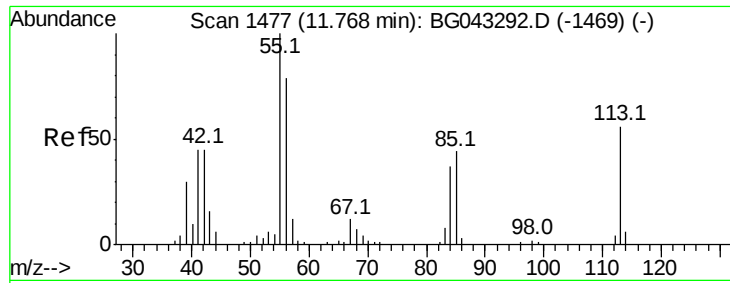
Sohil
11/8/2019 3:33:05 PM



#34
Hexachlorobutadiene
Concen: 38.608 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	56.7	52.7	79.1
227	58.1	54.8	82.2





#35

Caprolactam

Concen: 46.342 ng/ml

RT: 11.75 min Scan# 1474

Delta R.T. -0.00 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

Instrument :

BNA_G

ClientSampleId :

TR-05-110519MS

Tot Ion:113 Resp: 28124

Ion Ratio Lower Upper

113 100

55 166.9 134.1 174.1

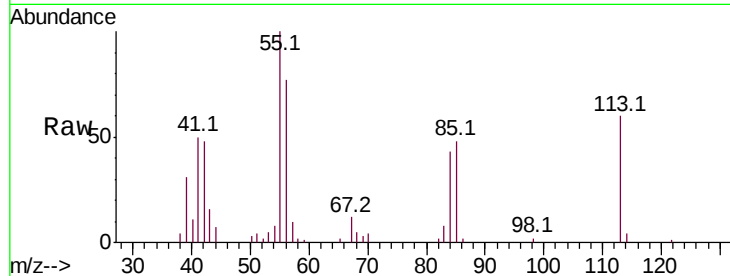
56 128.9 100.4 140.4

Manual Integrations

APPROVED

Sohil

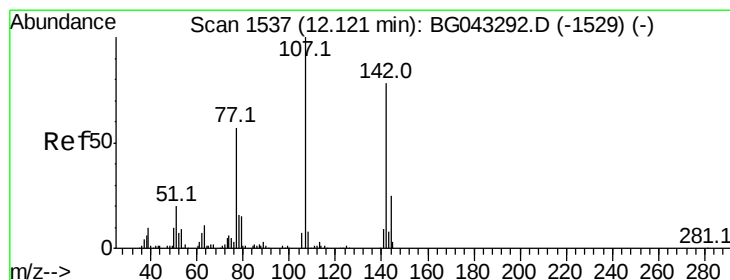
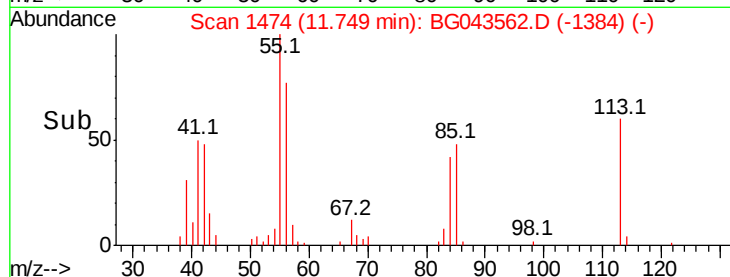
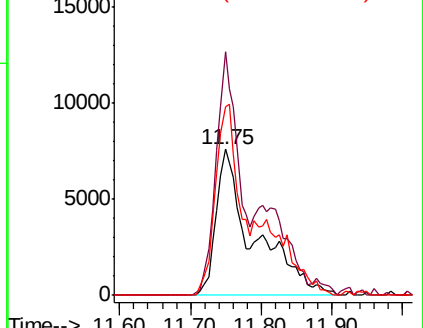
11/8/2019 3:33:05 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 50.274 ng/ml

RT: 12.12 min Scan# 1538

Delta R.T. 0.01 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

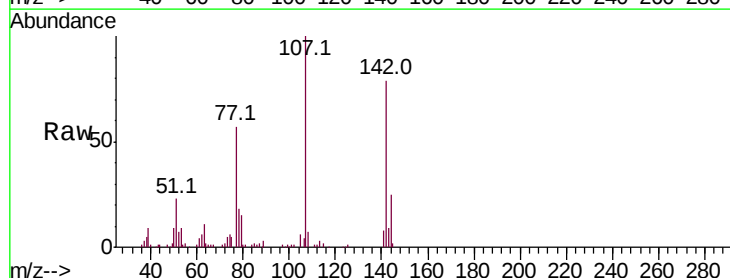
Tgt Ion:107 Resp: 96632

Ion Ratio Lower Upper

107 100

144 25.2 20.9 31.3

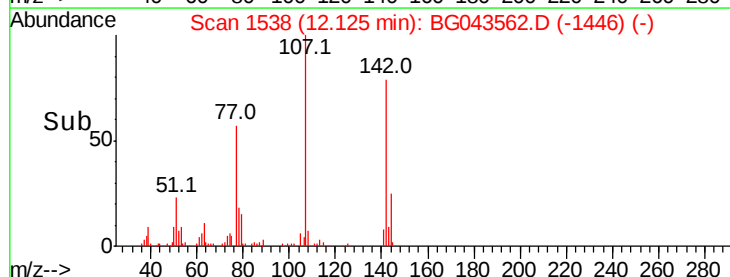
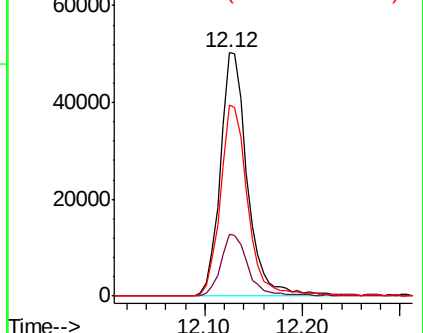
142 78.7 59.6 89.4

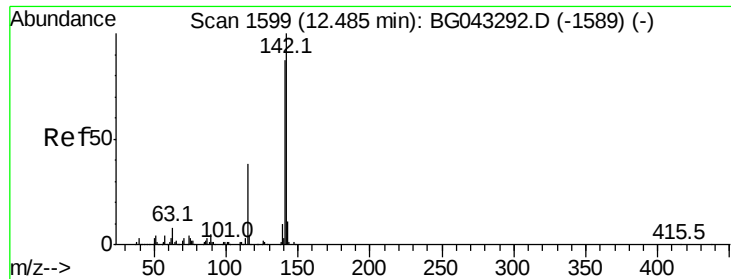


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





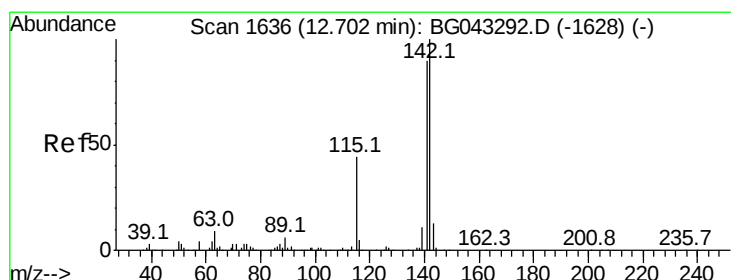
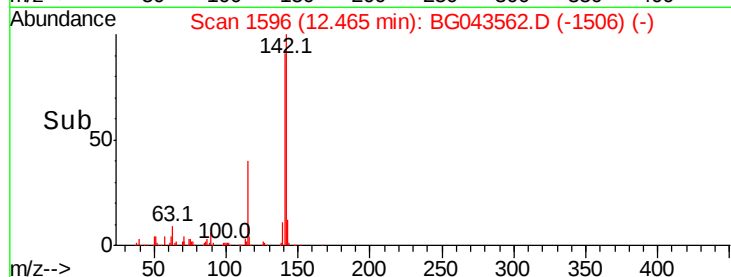
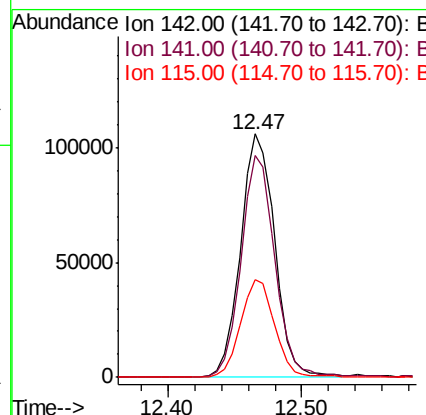
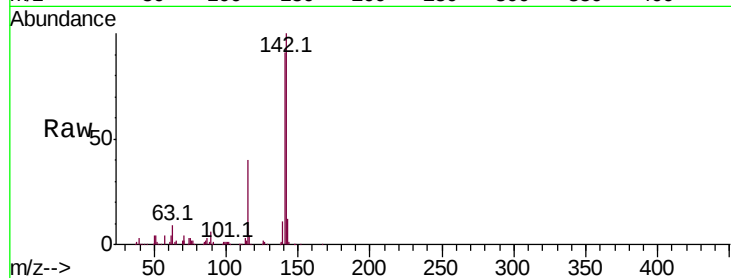
#37
2-Methylnaphthalene
Concen: 44.708 ng
RT: 12.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Instrument :
BNA_G
ClientSampleId :
TR-05-110519MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	187293		
141	91.1	72.2	108.2	
115	40.2	33.2	49.8	

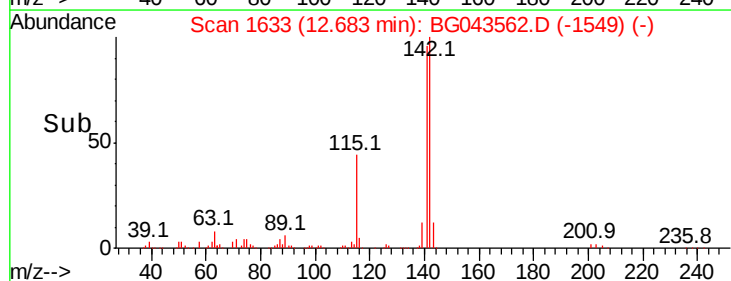
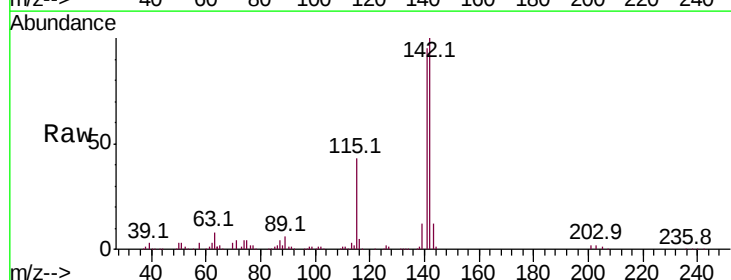
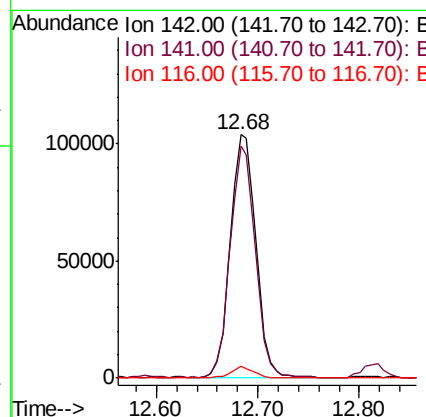
Manual Integrations
APPROVED

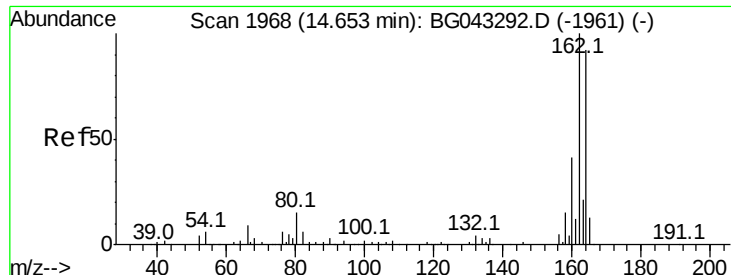
Sohil
11/8/2019 3:33:05 PM



#38
1-Methylnaphthalene
Concen: 45.640 ng
RT: 12.68 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	181920		
141	95.2	73.2	109.8	
116	4.9	3.6	5.4	





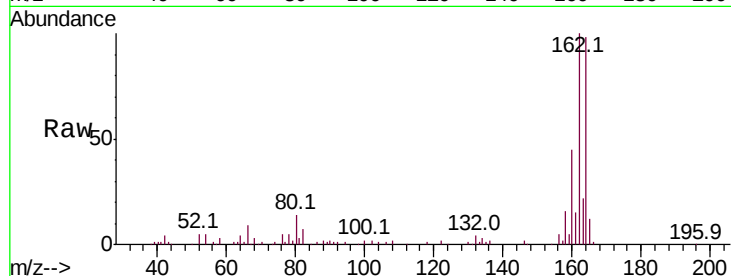
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Instrument :
BNA_G
ClientSampleId :
TR-05-110519MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.5	83.5	125.3
160	46.1	36.5	54.7

Manual Integrations
APPROVED

Sohil
11/8/2019 3:33:05 PM

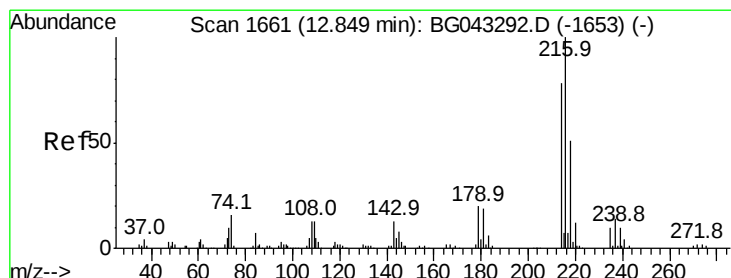
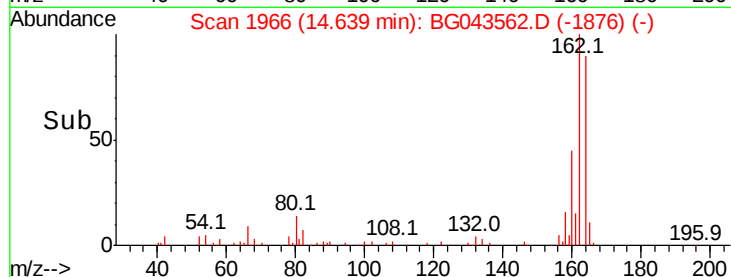
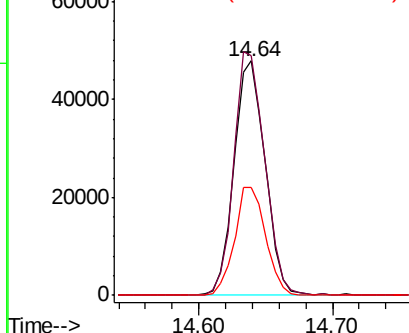


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.646 ng
RT: 12.84 min Scan# 1659
Delta R.T. -0.00 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	61.7	92.5
179	19.4	15.8	23.8
108	15.5	11.5	17.3

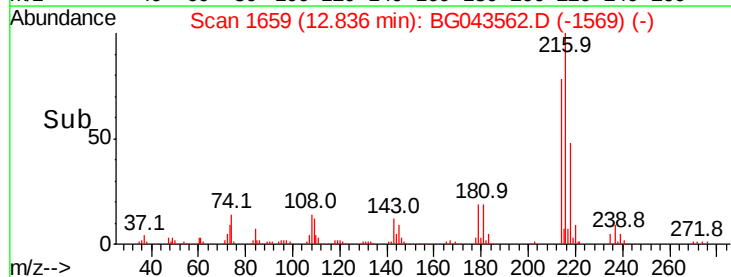
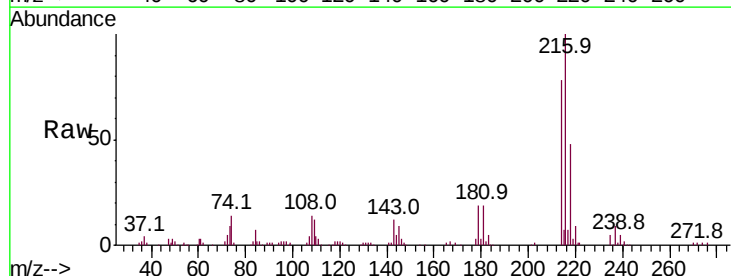
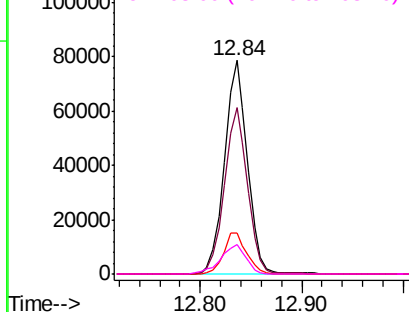
Abundance

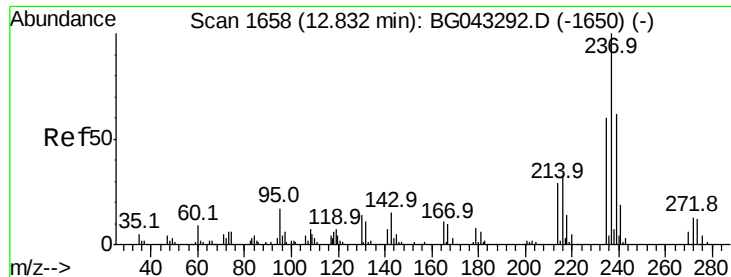
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 66.816 ng

RT: 12.81 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

Instrument :

BNA_G

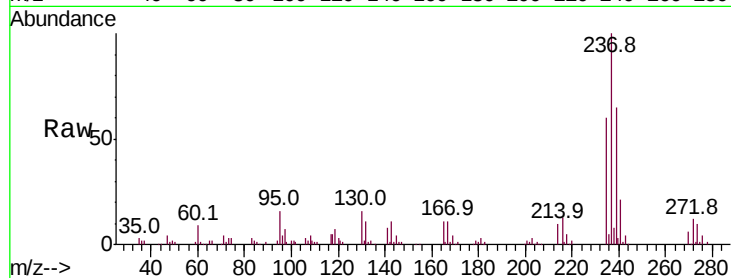
ClientSampleId :

TR-05-110519MS

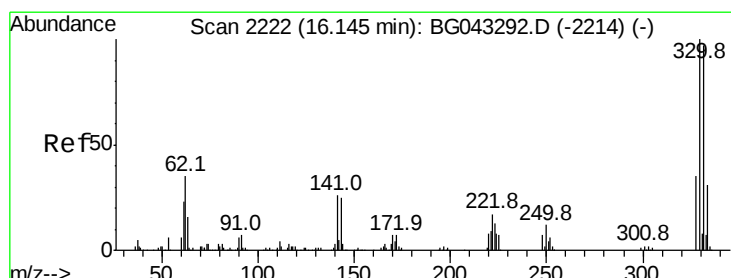
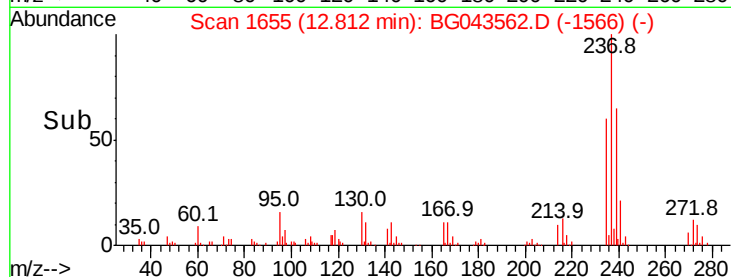
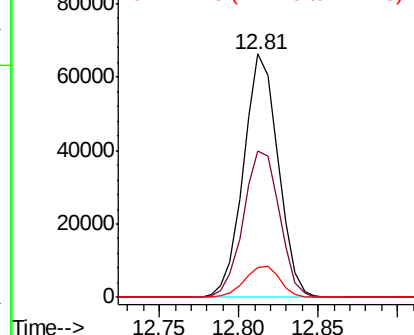
Tot Ion:	237	Resp:	100761
Ion Ratio	Lower	Upper	
237	100		
235	60.1	41.6	81.6
272	12.3	0.0	32.5

Manual Integrations
APPROVED

Sohil
11/8/2019 3:33:05 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: 136.870 ng

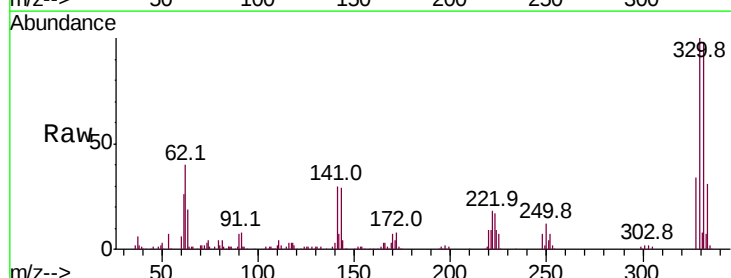
RT: 16.13 min Scan# 2220

Delta R.T. -0.00 min

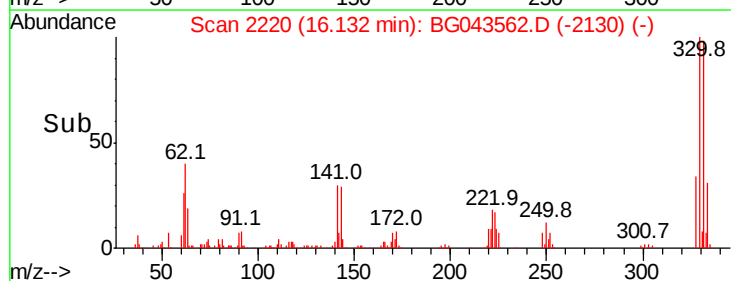
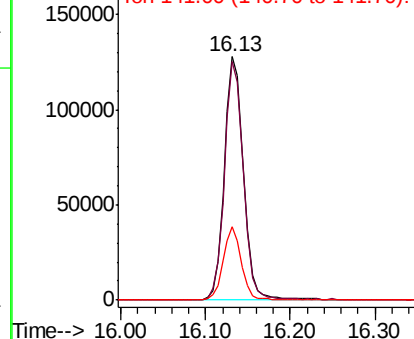
Lab File: BG043562.D

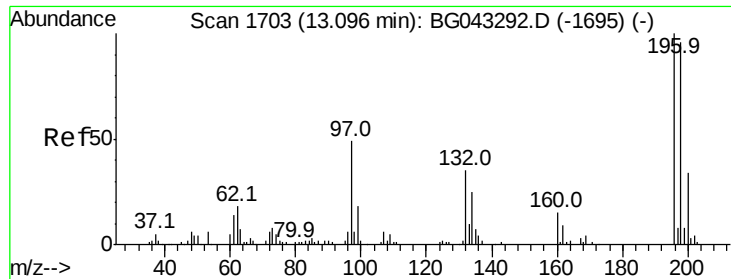
Acq: 8 Nov 2019 6:28

Tgt Ion:	330	Resp:	202044
Ion Ratio	Lower	Upper	
330	100		
332	96.6	77.4	116.0
141	28.6	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





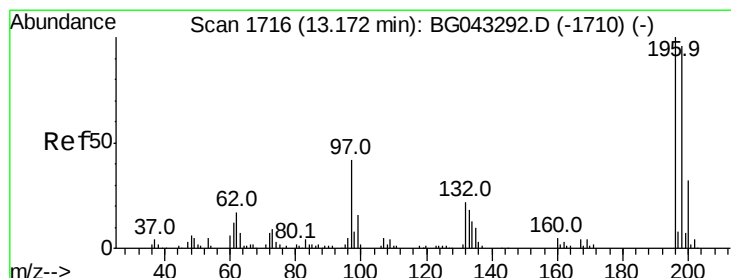
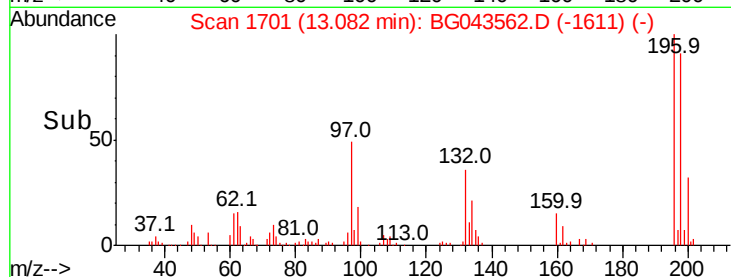
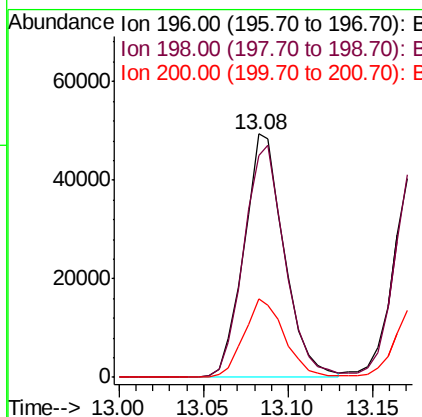
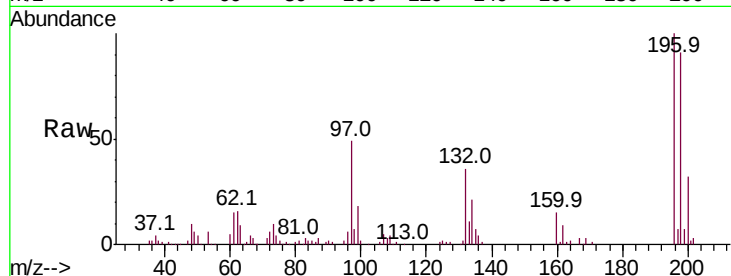
#43
 2,4,6-Trichlorophenol
 Concen: 48.201 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG043562.D
 Acq: 8 Nov 2019 6:28

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-110519MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	81491		
198	91.1	75.8	113.6	
200	32.3	23.9	35.9	

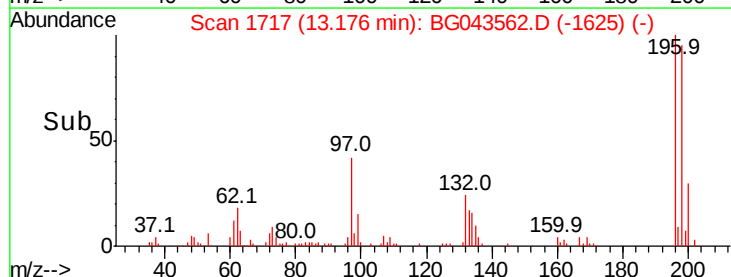
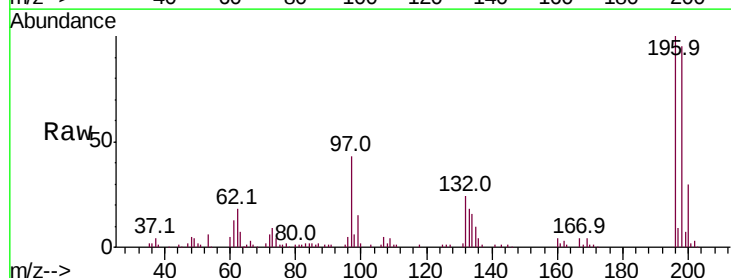
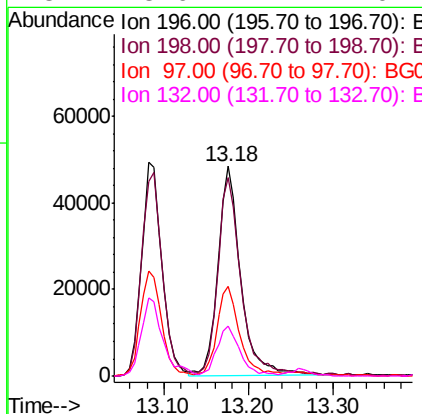
Manual Integrations
 APPROVED

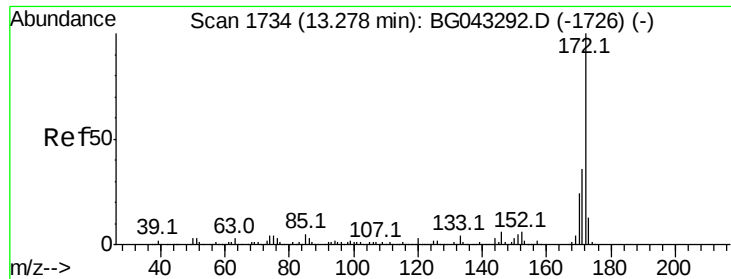
Sohil
 11/8/2019 3:33:05 PM



#44
 2,4,5-Trichlorophenol
 Concen: 52.960 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.01 min
 Lab File: BG043562.D
 Acq: 8 Nov 2019 6:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	90519		
198	94.5	74.5	111.7	
97	42.8	36.3	54.5	
132	23.6	17.4	26.2	





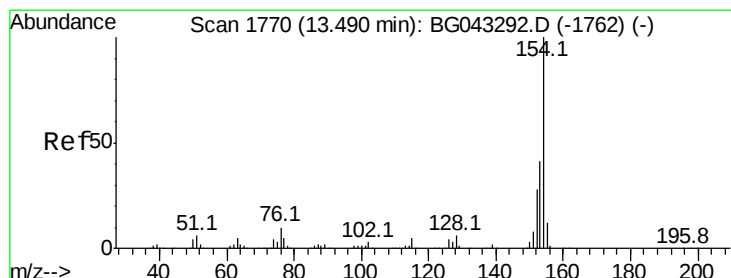
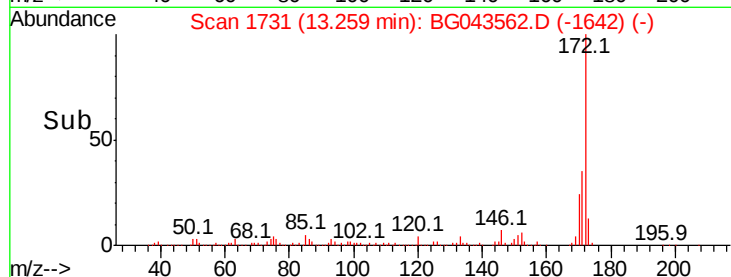
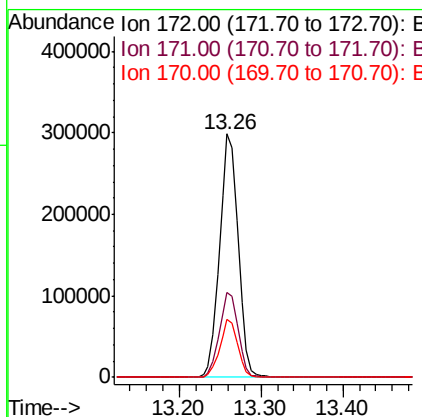
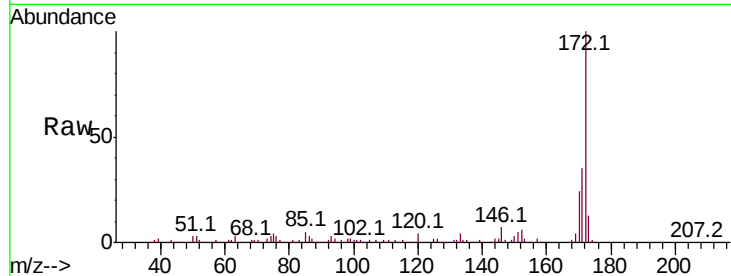
#45
2-Fluorobiphenyl
Concen: 84.121 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Instrument :
BNA_G
ClientSampleId :
TR-05-110519MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.9	43.3
170	23.6	18.5	27.7

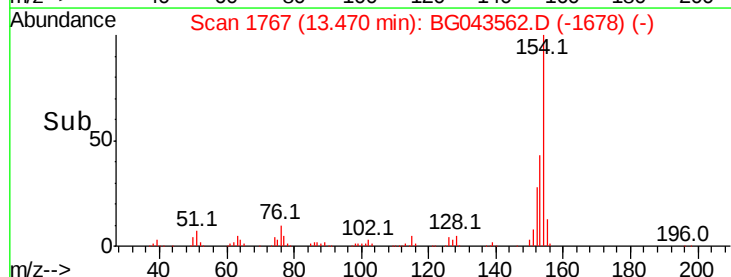
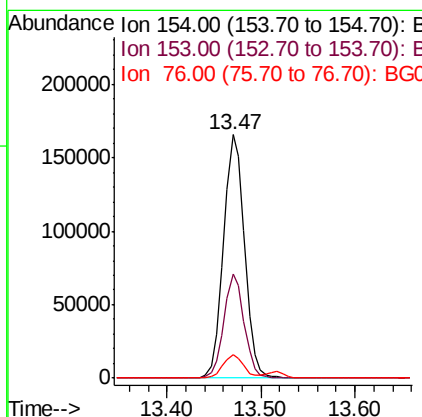
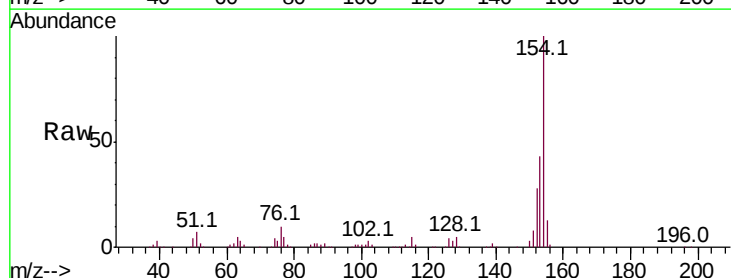
Manual Integrations
APPROVED

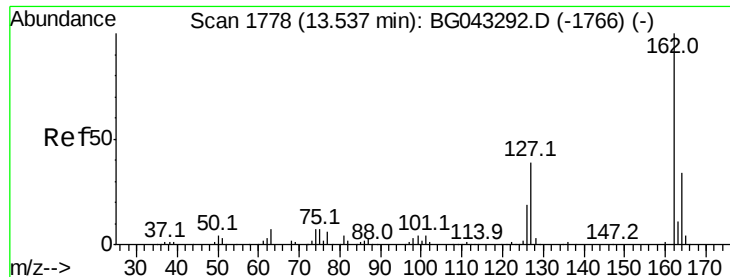
Sohil
11/8/2019 3:33:05 PM



#46
1,1'-Biphenyl
Concen: 43.876 ng
RT: 13.47 min Scan# 1767
Delta R.T. -0.01 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.8	19.9	59.9
76	9.9	0.0	29.4





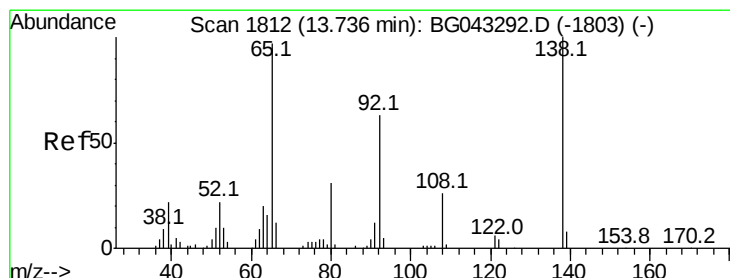
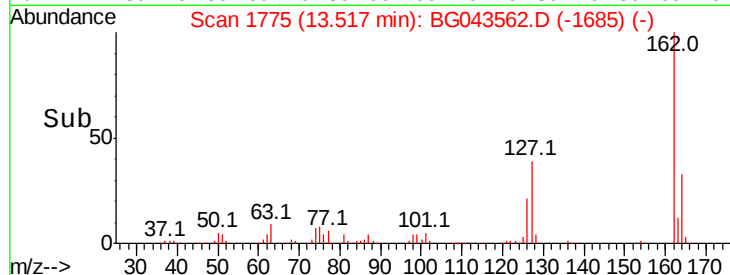
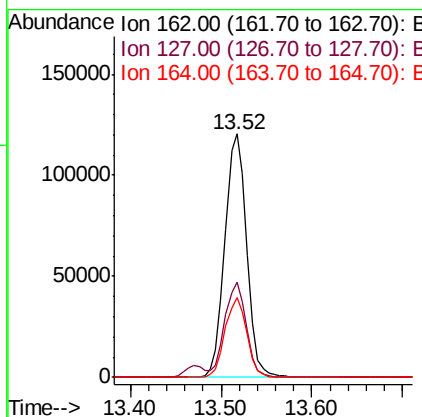
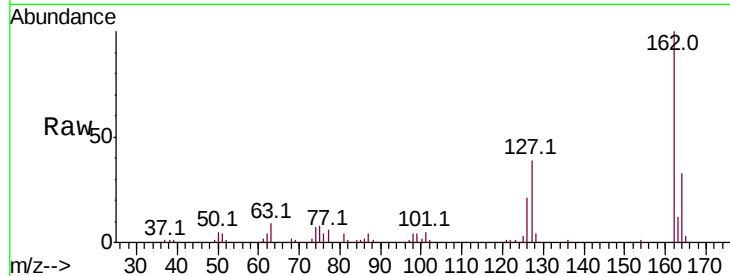
#47
2-Chloronaphthalene
Concen: 44.894 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.00 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Instrument :
BNA_G
ClientSampleId :
TR-05-110519MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	39.1	31.2	46.8
164	32.7	25.8	38.8

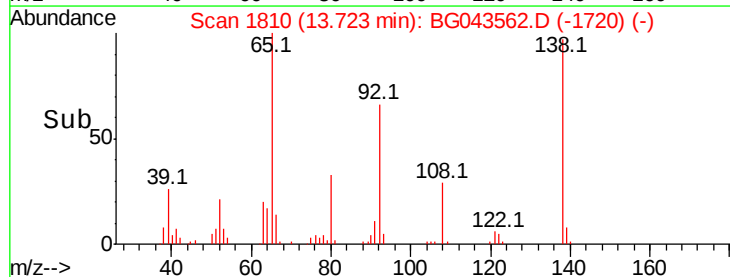
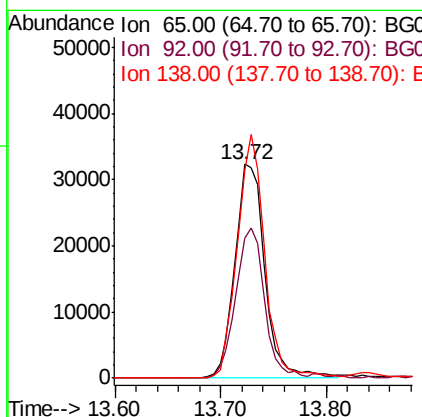
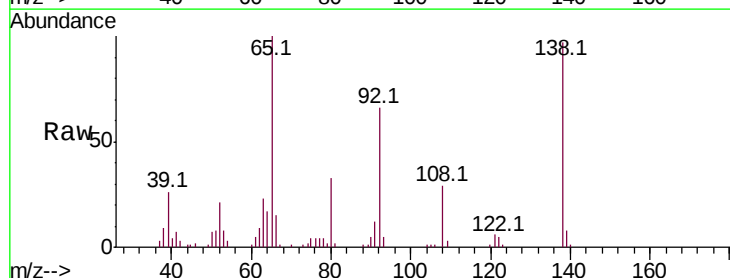
Manual Integrations
APPROVED

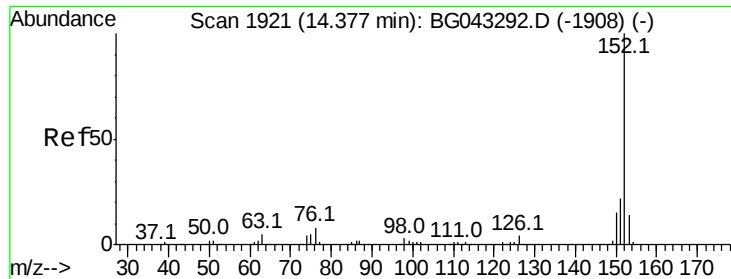
Sohil
11/8/2019 3:33:05 PM



#48
2-Nitroaniline
Concen: 47.139 ng
RT: 13.72 min Scan# 1810
Delta R.T. -0.00 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	65.7	56.2	84.2
138	97.2	82.6	123.8





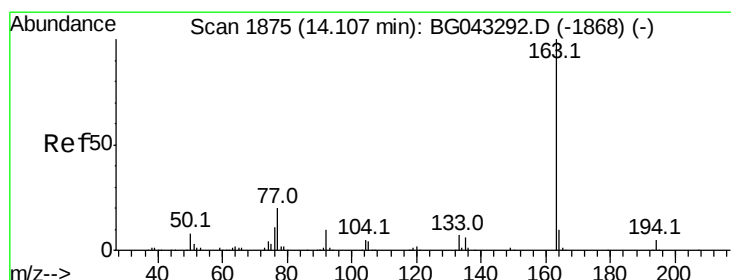
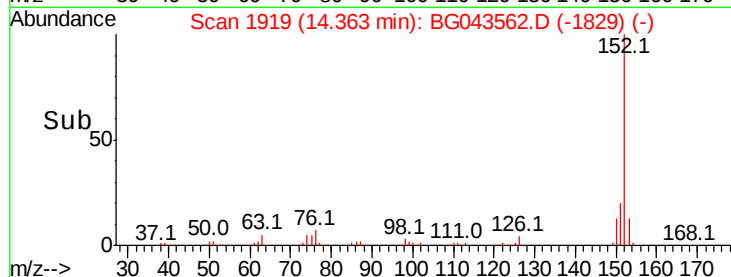
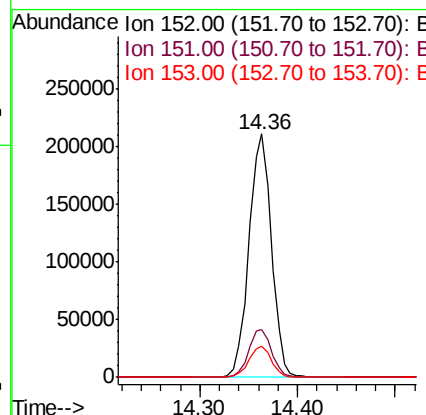
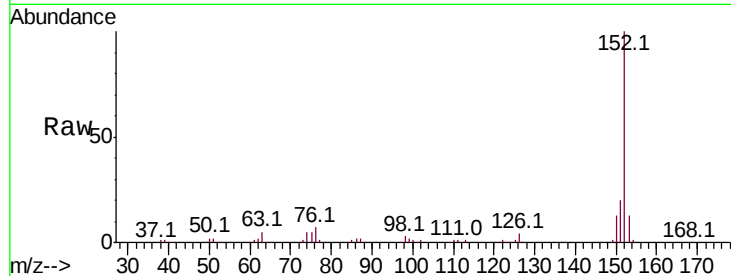
#49
Acenaphthylene
Concen: 48.398 ng
RT: 14.36 min Scan# 1919
Delta R.T. -0.00 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Instrument :
BNA_G
ClientSampleId :
TR-05-110519MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.2	24.4
153	13.0	10.6	15.8

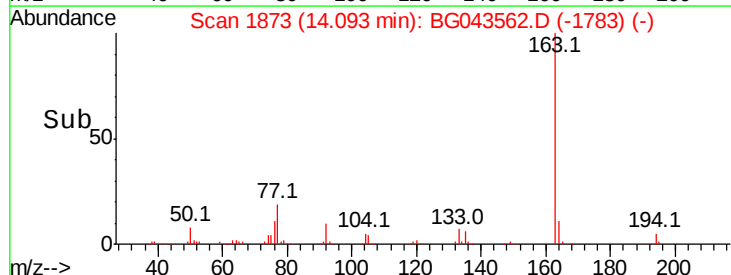
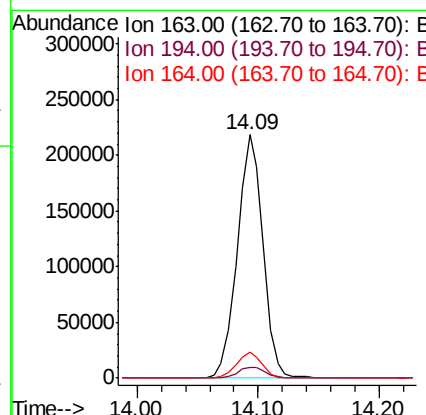
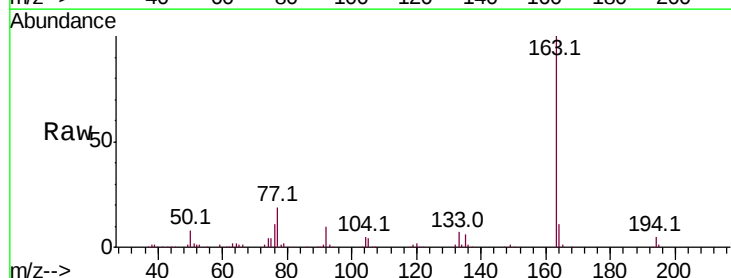
Manual Integrations
APPROVED

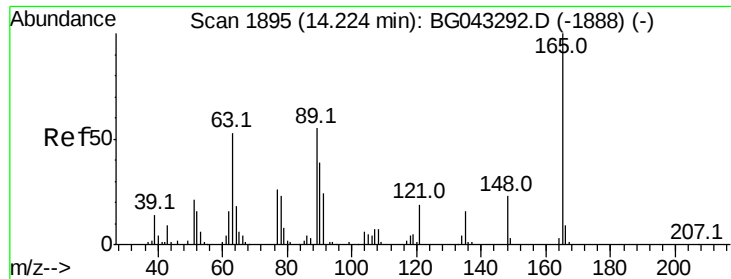
Sohil
11/8/2019 3:33:05 PM



#50
Dimethylphthalate
Concen: 53.736 ng
RT: 14.09 min Scan# 1873
Delta R.T. -0.00 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.8	5.6
164	10.9	8.9	13.3





#51

2,6-Dinitrotoluene

Concen: 47.769 ng

RT: 14.22 min Scan# 1894

Delta R.T. 0.00 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

Instrument :

BNA_G

ClientSampleId :

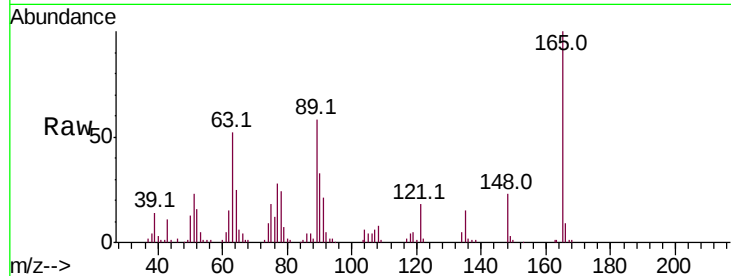
TR-05-110519MS

Tot Ion:165 Resp: 62353
Ion Ratio Lower Upper

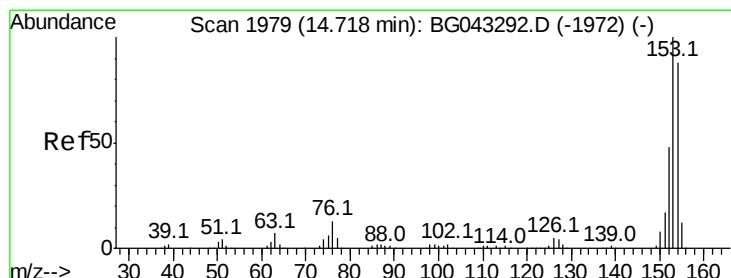
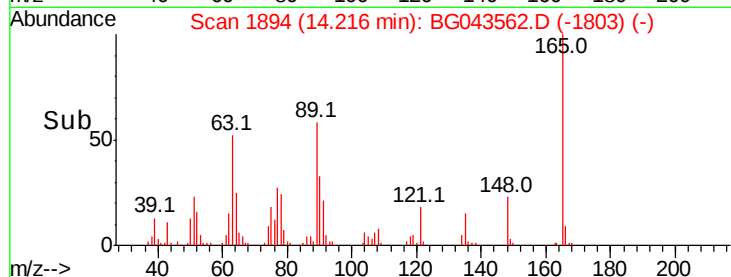
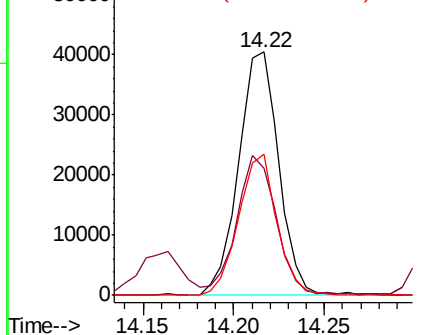
165	100		
63	52.0	46.6	69.8
89	57.8	45.1	67.7

Manual Integrations
APPROVED

Sohil
11/8/2019 3:33:05 PM



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 46.681 ng

RT: 14.70 min Scan# 1977

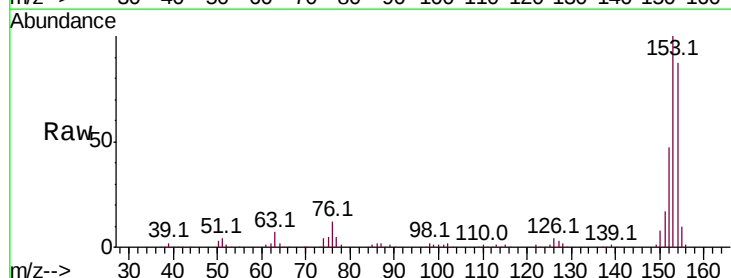
Delta R.T. -0.00 min

Lab File: BG043562.D

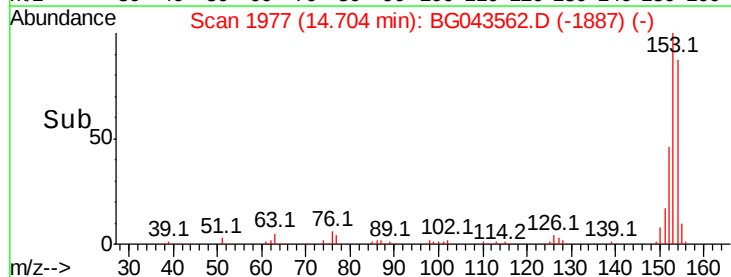
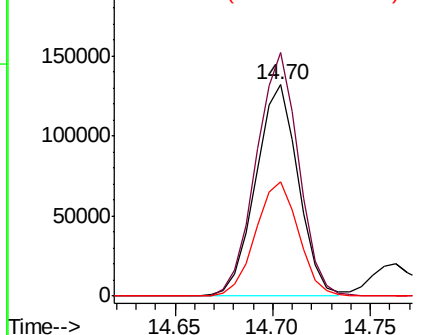
Acq: 8 Nov 2019 6:28

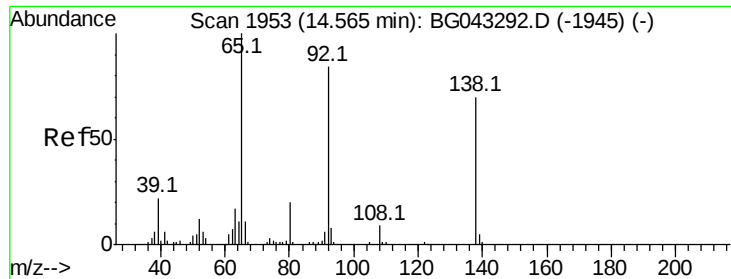
Tgt Ion:154 Resp: 198933
Ion Ratio Lower Upper

154	100		
153	115.4	88.2	132.2
152	53.9	40.0	60.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





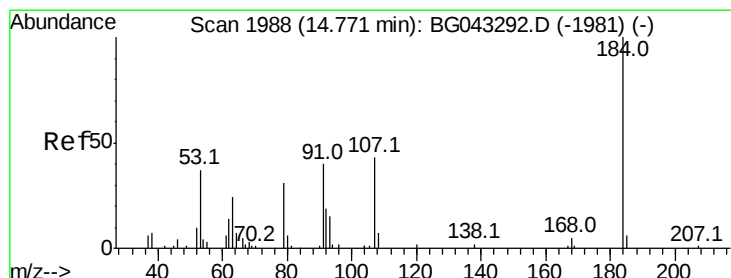
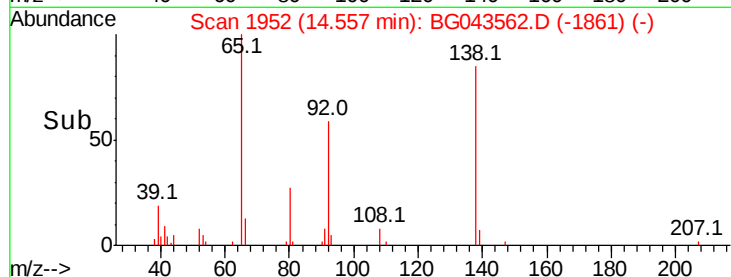
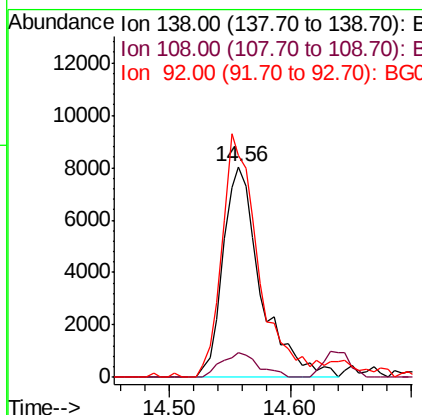
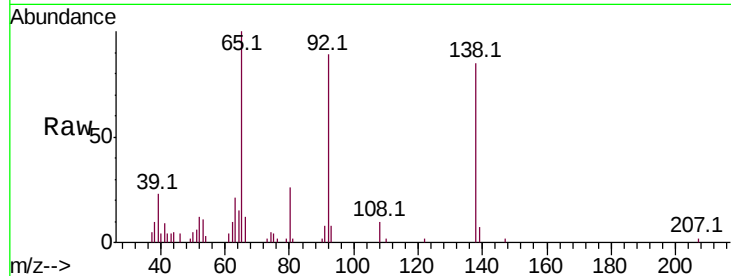
#53
3-Nitroaniline
Concen: 13.842 ng
RT: 14.56 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Instrument :
BNA_G
ClientSampleId :
TR-05-110519MS

Tot Ion:138 Resp: 17444
Ion Ratio Lower Upper
138 100
108 11.8 8.0 12.0
92 105.1 90.9 136.3

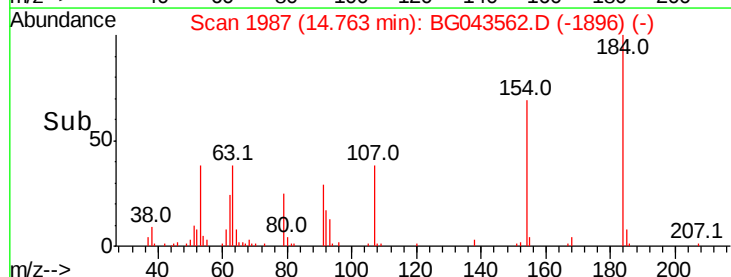
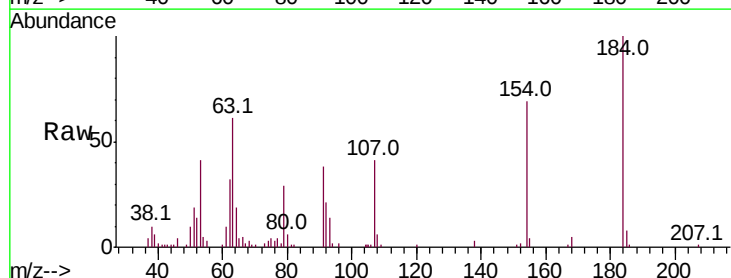
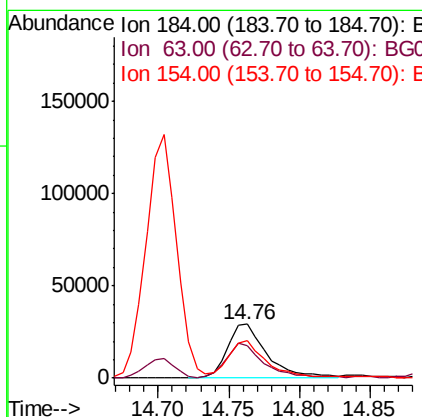
Manual Integrations
APPROVED

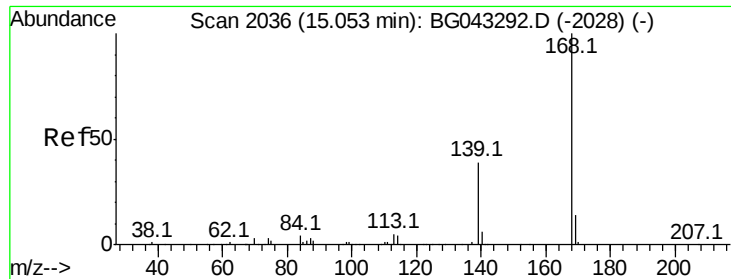
Sohil
11/8/2019 3:33:05 PM



#54
2,4-Dinitrophenol
Concen: 70.787 ng
RT: 14.76 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Tgt Ion:184 Resp: 56947
Ion Ratio Lower Upper
184 100
63 60.9 51.3 76.9
154 68.7 55.4 83.0





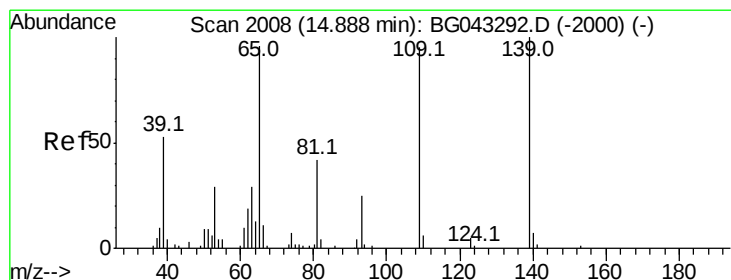
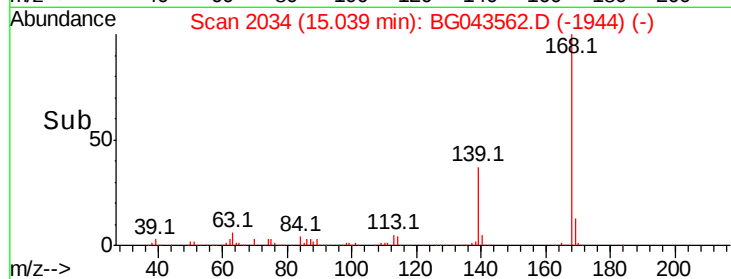
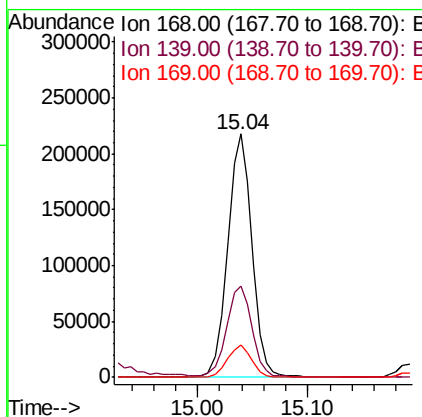
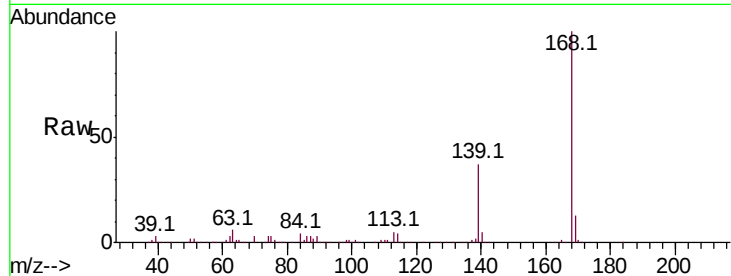
#55
Dibenzofuran
Concen: 48.474 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Instrument :
BNA_G
ClientSampleId :
TR-05-110519MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.3	31.0	46.6
169	13.3	11.7	17.5

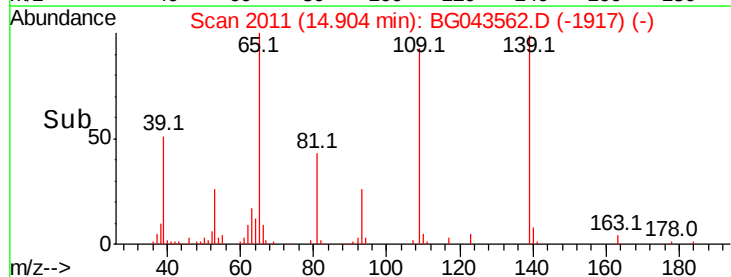
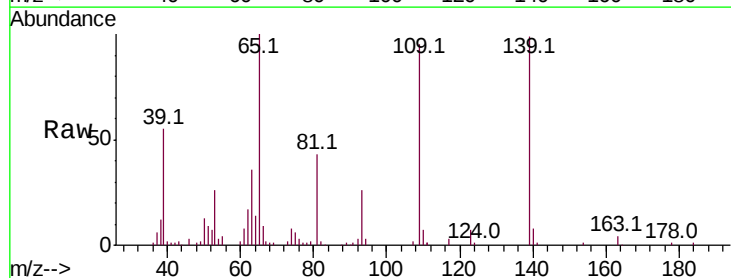
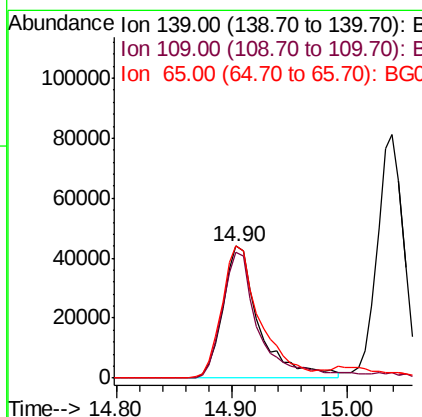
Manual Integrations
APPROVED

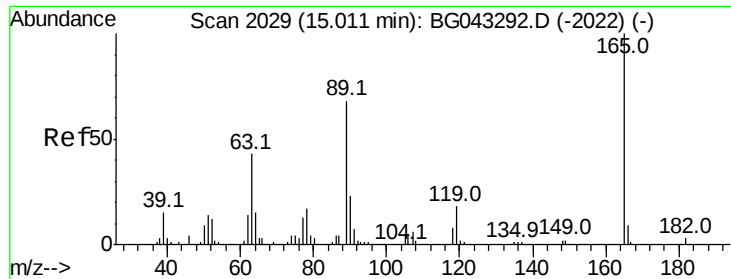
Sohil
11/8/2019 3:33:05 PM



#56
4-Nitrophenol
Concen: 113.968 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.02 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Tgt Ion	Ratio	Lower	Upper
139	100		
109	95.5	87.2	127.2
65	100.7	83.8	123.8





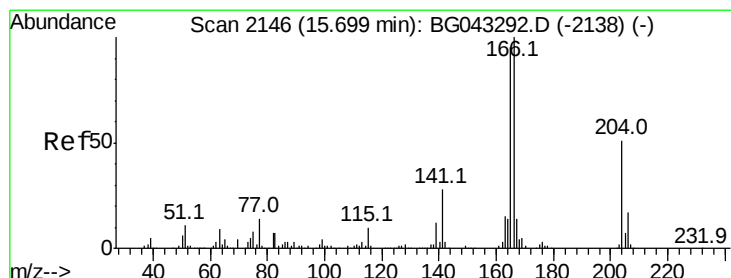
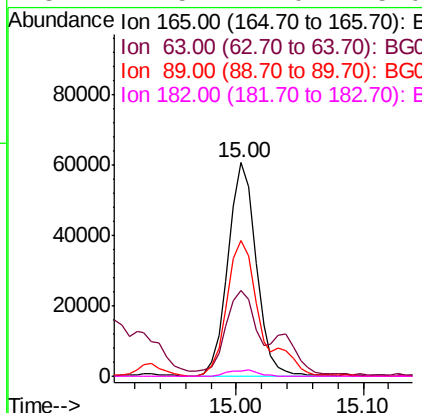
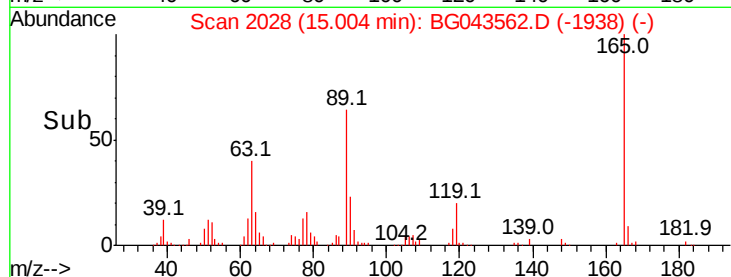
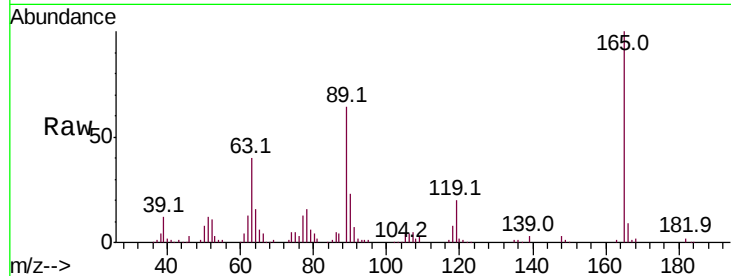
#57
2,4-Dinitrotoluene
Concen: 50.228 ng
RT: 15.00 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Instrument :
BNA_G
ClientSampleId :
TR-05-110519MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	40.3	33.2	49.8	
89	63.5	52.2	78.4	
182	2.5	2.0	3.0	

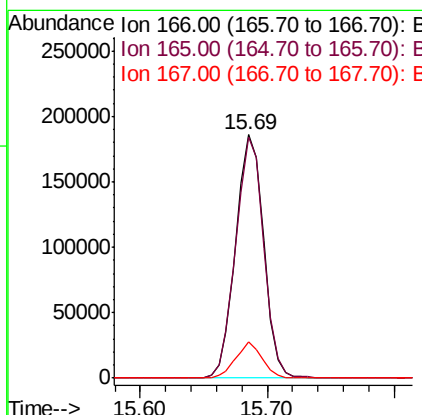
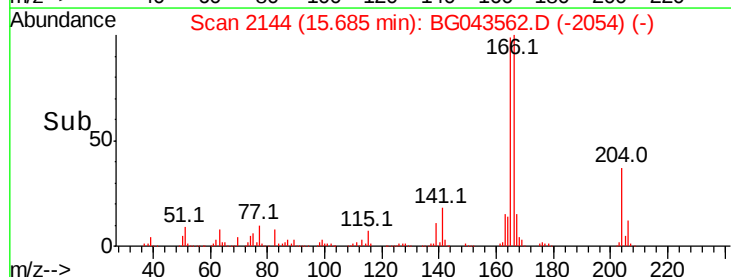
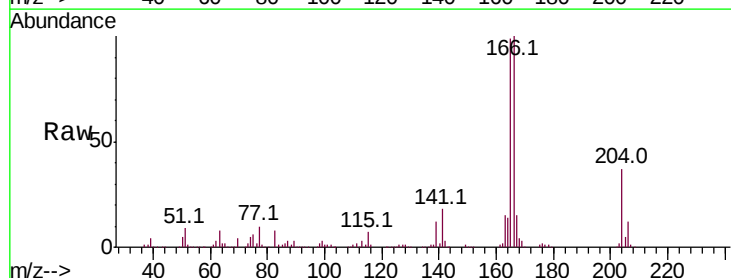
Manual Integrations
APPROVED

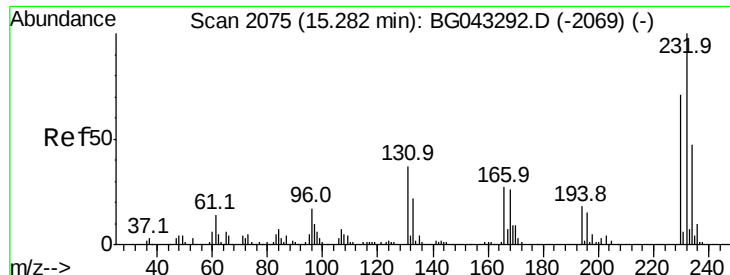
Sohil
11/8/2019 3:33:05 PM



#58
Fluorene
Concen: 49.120 ng
RT: 15.69 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.9	79.0	118.6	
167	14.6	10.5	15.7	





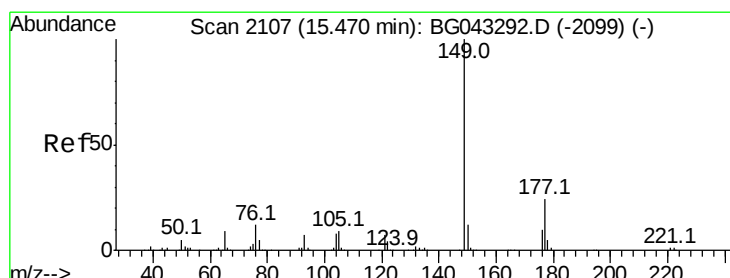
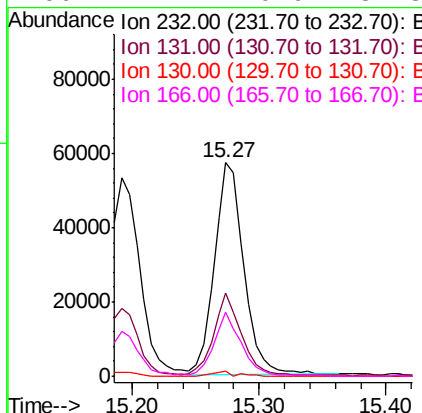
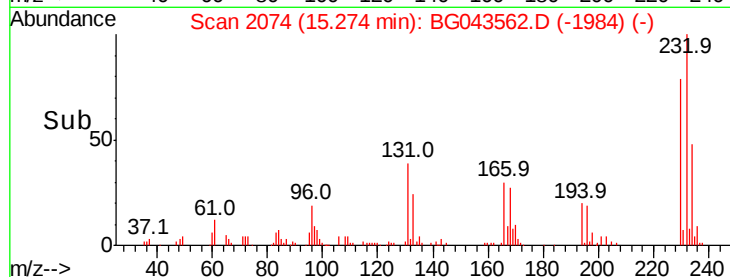
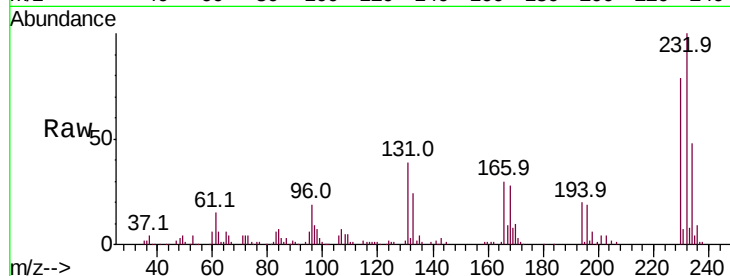
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.956 ng
 RT: 15.27 min Scan# 2074
 Delta R.T. -0.00 min
 Lab File: BG043562.D
 Acq: 8 Nov 2019 6:28

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-110519MS

Tot Ion:	232	Resp:	92533
Ion Ratio	Lower	Upper	
232	100		
131	38.1	26.9	40.3
130	2.0	1.8	2.6
166	27.1	20.9	31.3

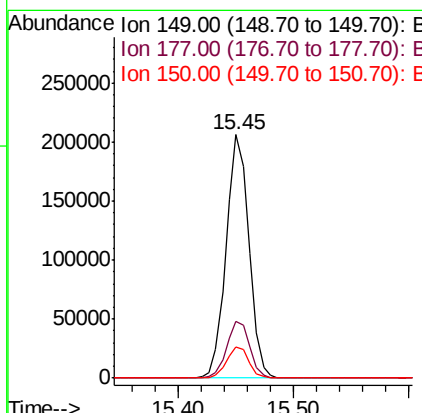
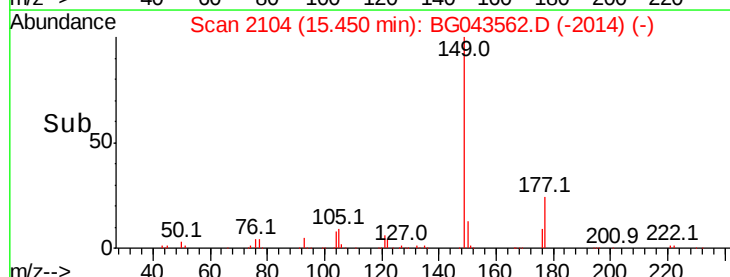
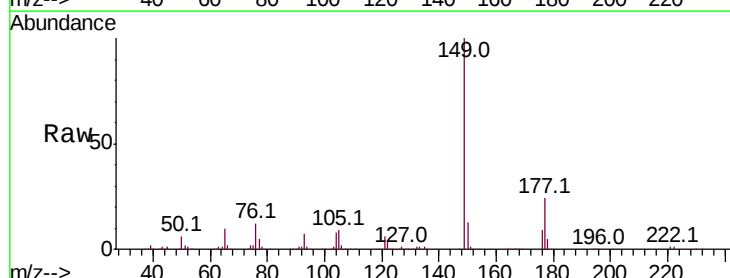
Manual Integrations
 APPROVED

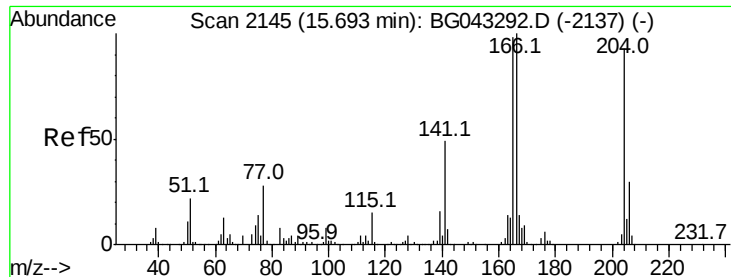
Sohil
 11/8/2019 3:33:05 PM



#60
 Diethylphthalate
 Concen: 46.648 ng
 RT: 15.45 min Scan# 2104
 Delta R.T. -0.00 min
 Lab File: BG043562.D
 Acq: 8 Nov 2019 6:28

Tgt Ion:	149	Resp:	281620
Ion Ratio	Lower	Upper	
149	100		
177	23.5	19.6	29.4
150	12.7	10.8	16.2





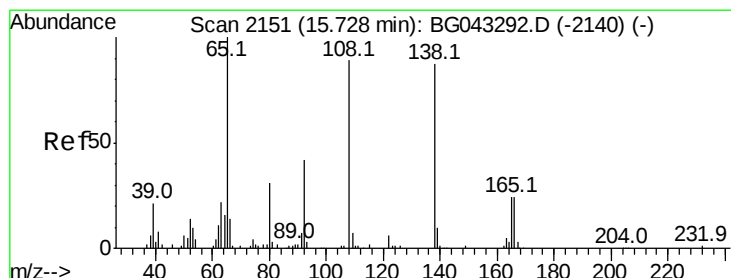
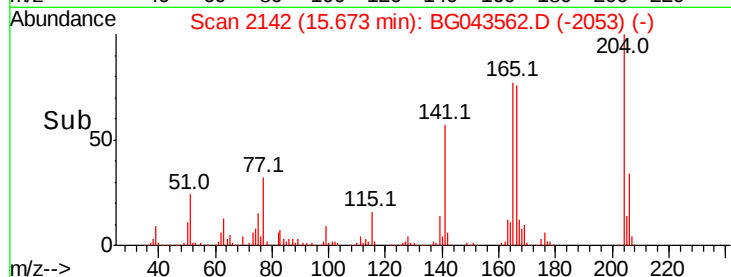
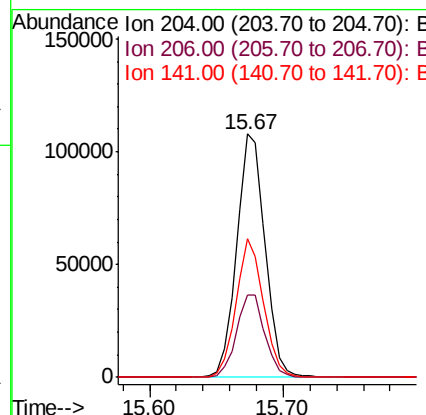
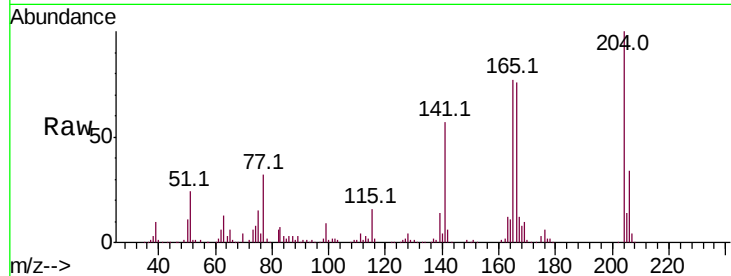
#61
 4-Chlorophenyl-phenylether
 Concen: 47.107 ng
 RT: 15.67 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: BG043562.D
 Acq: 8 Nov 2019 6:28

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-110519MS

Tot Ion:	204	Resp:	159287
Ion Ratio	Lower	Upper	
204	100		
206	33.9	28.4	42.6
141	57.2	43.0	64.6

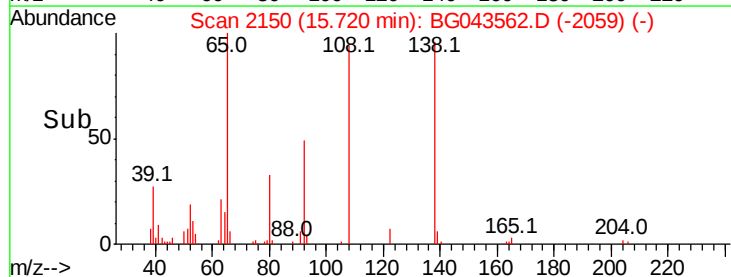
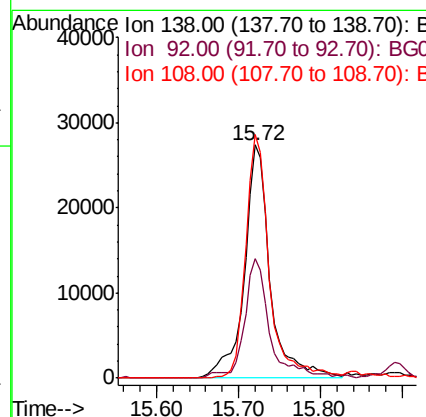
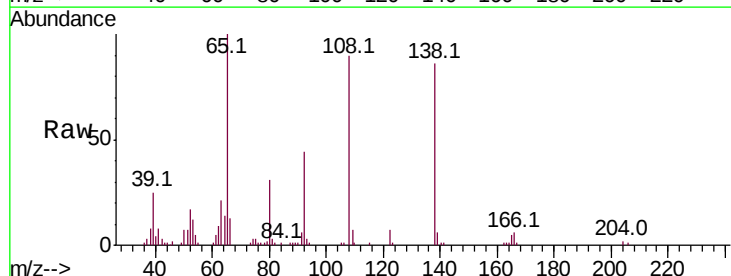
Manual Integrations
 APPROVED

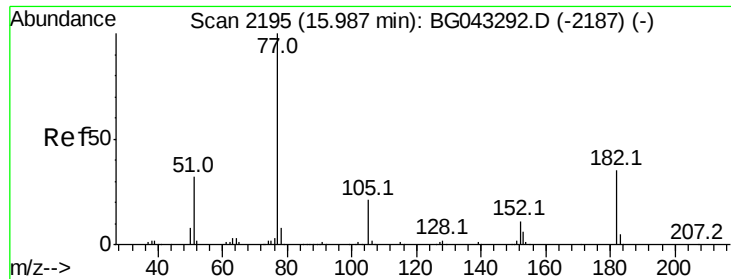
Sohil
 11/8/2019 3:33:05 PM



#62
 4-Nitroaniline
 Concen: 46.035 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. 0.00 min
 Lab File: BG043562.D
 Acq: 8 Nov 2019 6:28

Tgt Ion:	138	Resp:	59916
Ion Ratio	Lower	Upper	
138	100		
92	51.2	33.4	73.4
108	104.6	78.0	118.0





#63

Azobenzene

Concen: 49.489 ng

RT: 15.97 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

Instrument :

BNA_G

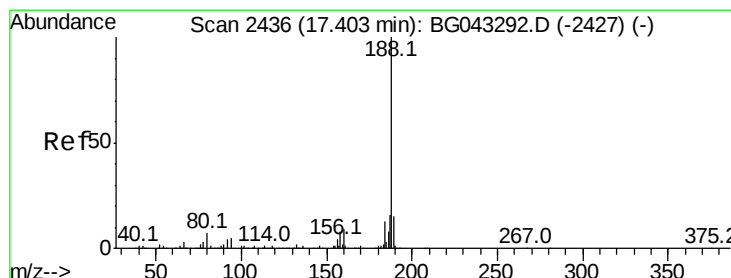
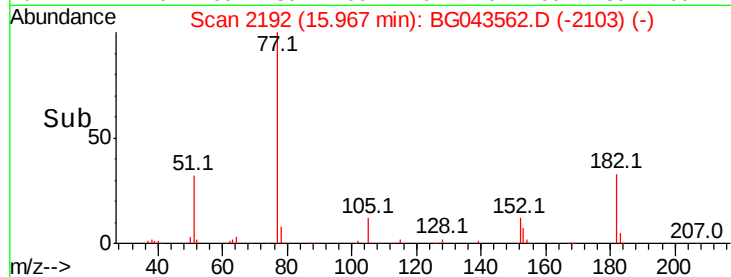
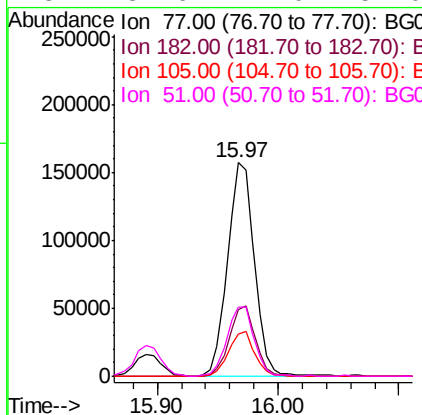
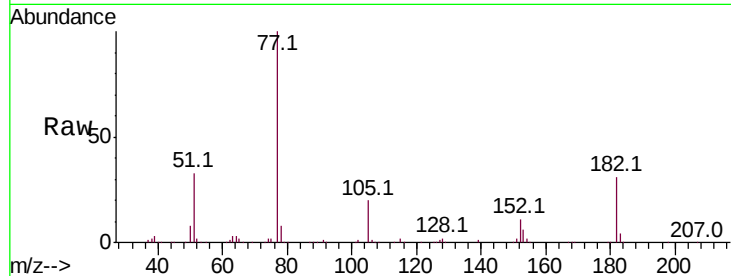
ClientSampleId :

TR-05-110519MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	31.3	13.7	53.7
105	19.6	0.4	40.4
51	32.6	11.0	51.0

Manual Integrations
APPROVED

Sohil
11/8/2019 3:33:05 PM



#64

Phenanthrene-d10

Concen: 20.000 ng

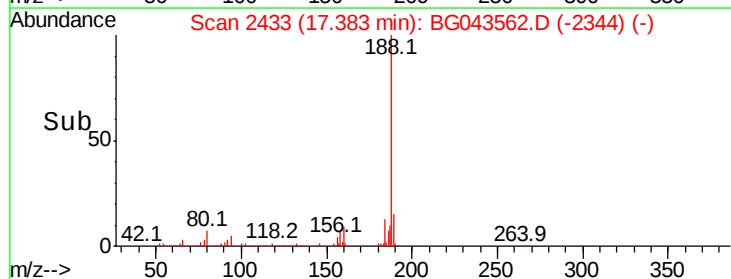
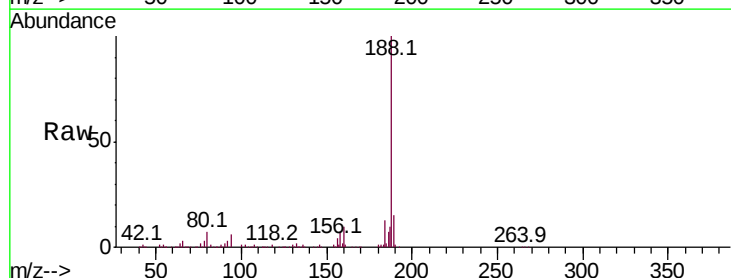
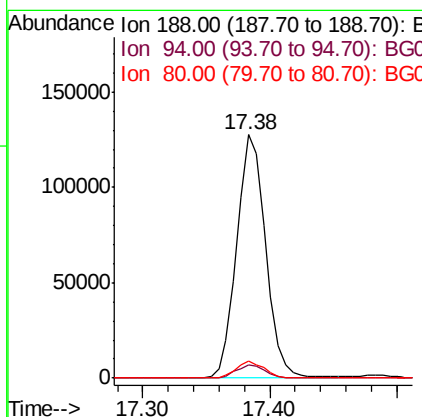
RT: 17.38 min Scan# 2433

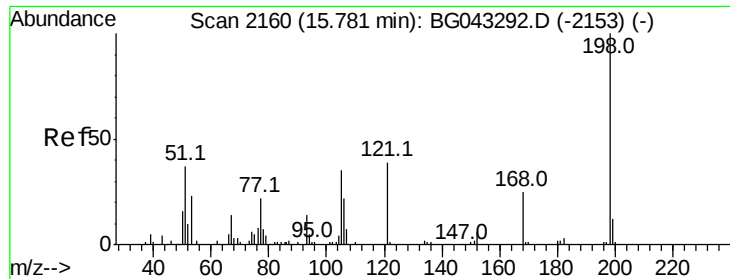
Delta R.T. -0.01 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.5	4.2	6.4
80	7.0	4.5	6.7#





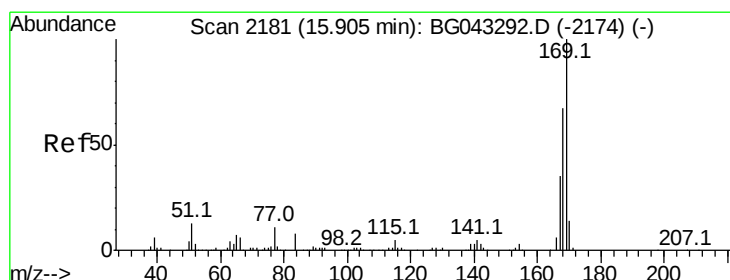
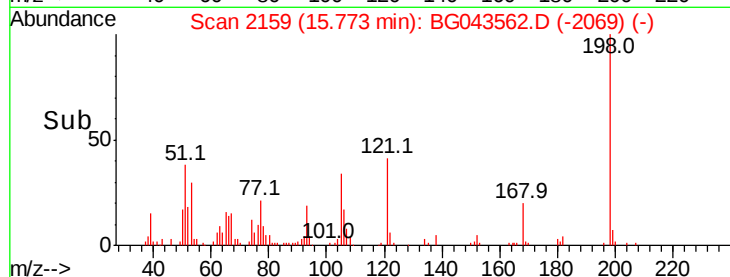
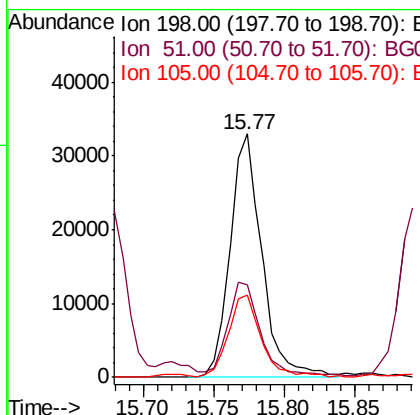
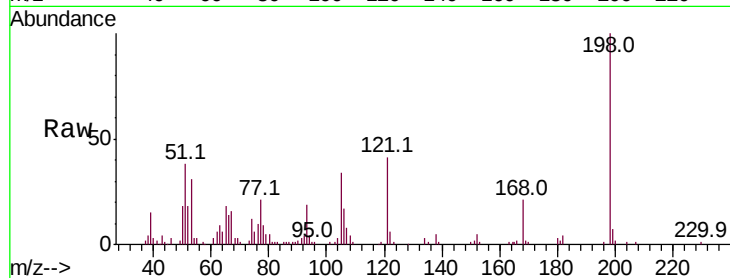
#65
 4,6-Dinitro-2-methylphenol
 Concen: 43.437 ng
 RT: 15.77 min Scan# 2159
 Delta R.T. -0.00 min
 Lab File: BG043562.D
 Acq: 8 Nov 2019 6:28

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-110519MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	38.2	13.2	53.2
105	33.9	15.8	55.8

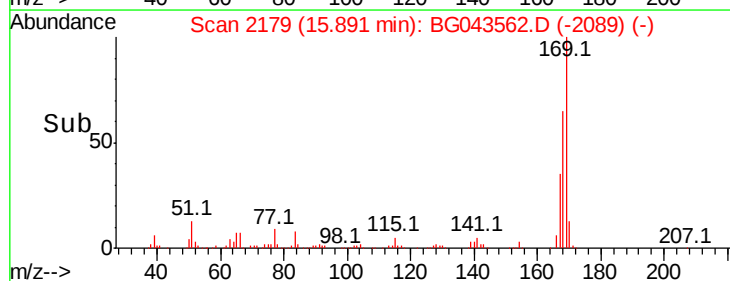
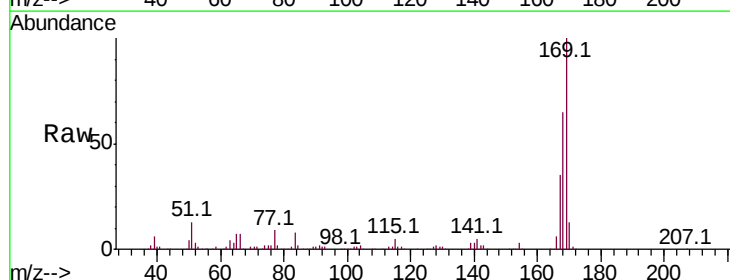
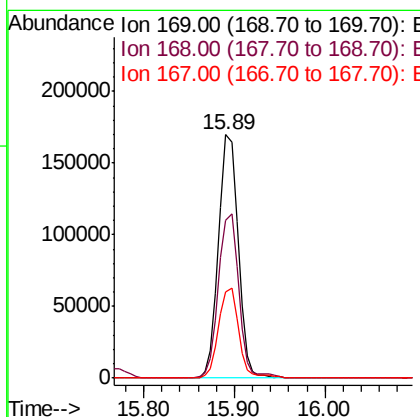
Manual Integrations
 APPROVED

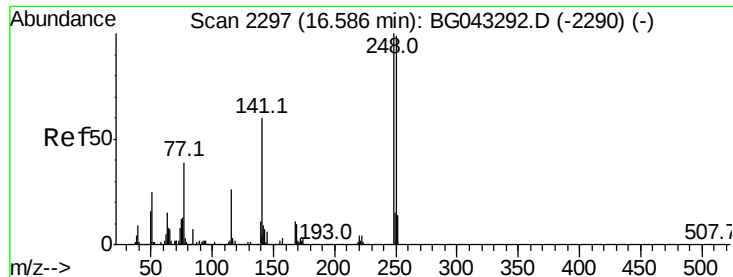
Sohil
 11/8/2019 3:33:05 PM



#66
 n-Nitrosodiphenylamine
 Concen: 45.081 ng
 RT: 15.89 min Scan# 2179
 Delta R.T. -0.00 min
 Lab File: BG043562.D
 Acq: 8 Nov 2019 6:28

Tgt Ion	Ratio	Lower	Upper
169	100		
168	64.9	53.8	80.6
167	35.4	27.5	41.3





#67

4-Bromophenyl-phenylether

Concen: 42.835 ng

RT: 16.57 min Scan# 2295

Delta R.T. -0.00 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

Instrument :

BNA_G

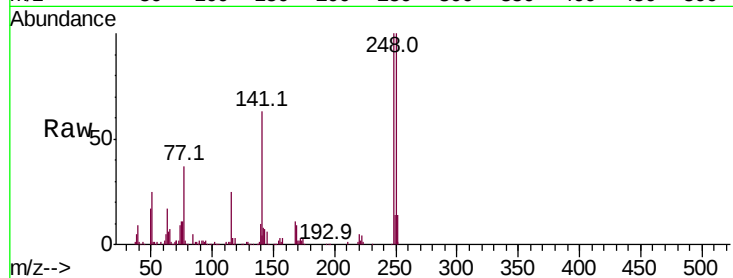
ClientSampleId :

TR-05-110519MS

Tot Ion:	248	Resp:	116429
Ion Ratio	Lower	Upper	
248	100		
250	99.9	77.0	115.4
141	63.1	47.5	71.3

Manual Integrations
APPROVED

Sohil
11/8/2019 3:33:05 PM

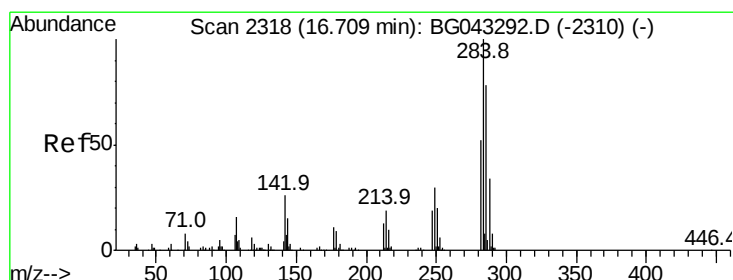
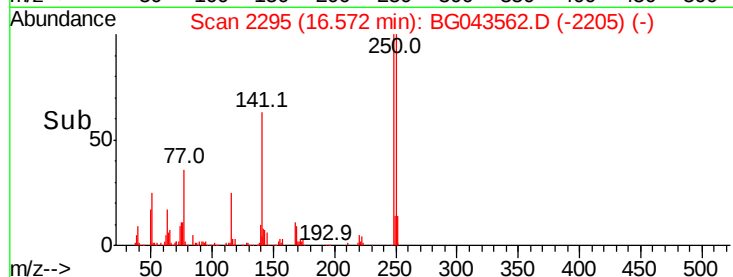
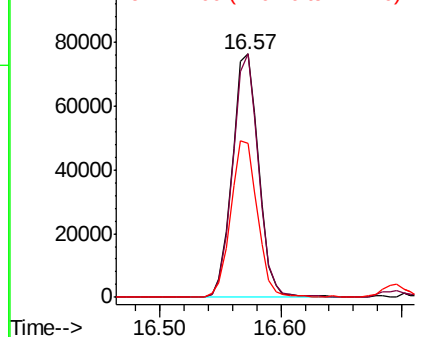


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 42.839 ng

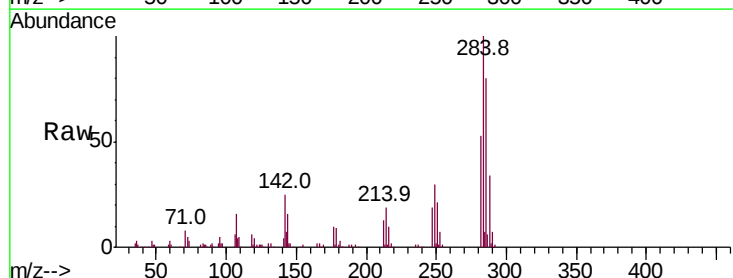
RT: 16.70 min Scan# 2316

Delta R.T. -0.00 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

Tgt Ion:	284	Resp:	133657
Ion Ratio	Lower	Upper	
284	100		
142	25.1	19.8	29.8
249	30.3	23.8	35.6

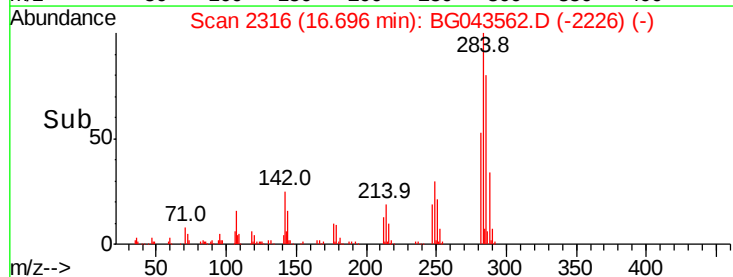
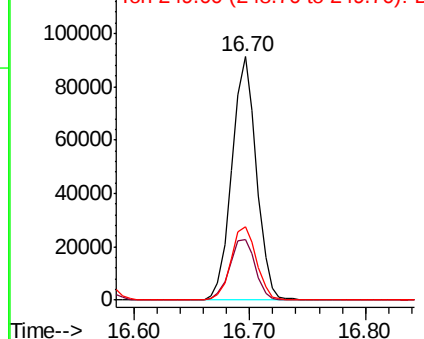


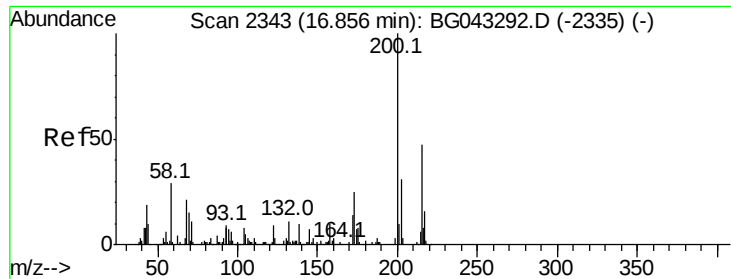
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





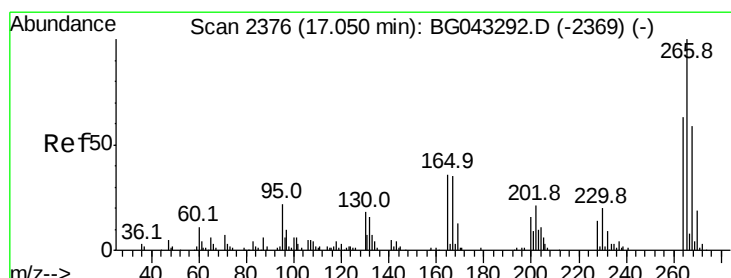
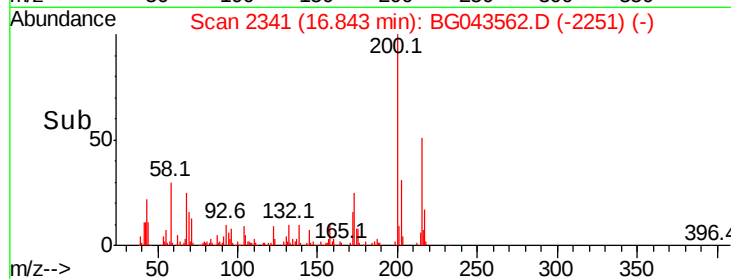
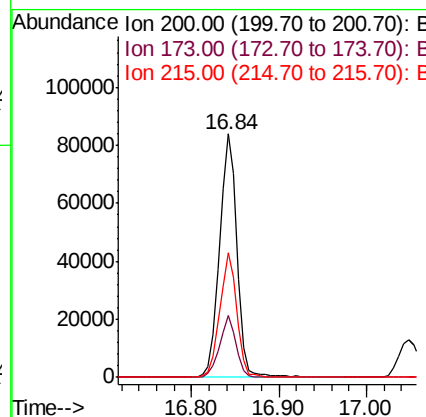
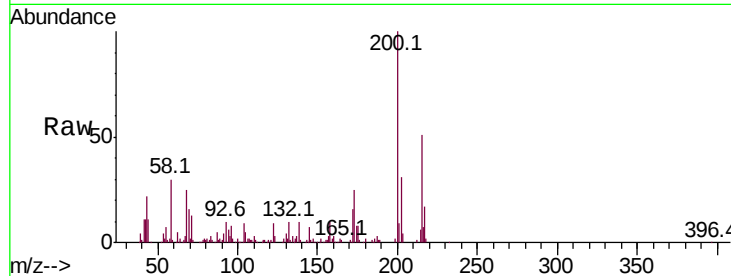
#69
Atrazine
Concen: 58.831 ng
RT: 16.84 min Scan# 2341
Delta R.T. -0.00 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Instrument :
BNA_G
ClientSampleId :
TR-05-110519MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	25.3	4.7	44.7	
215	51.3	28.5	68.5	

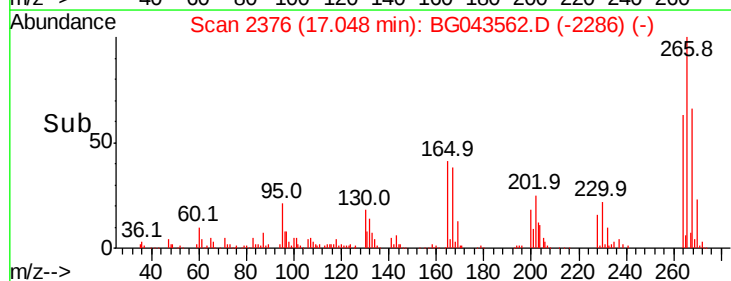
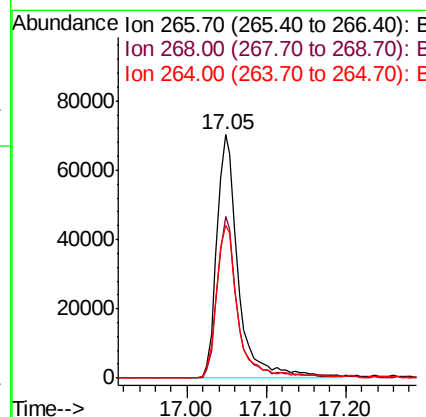
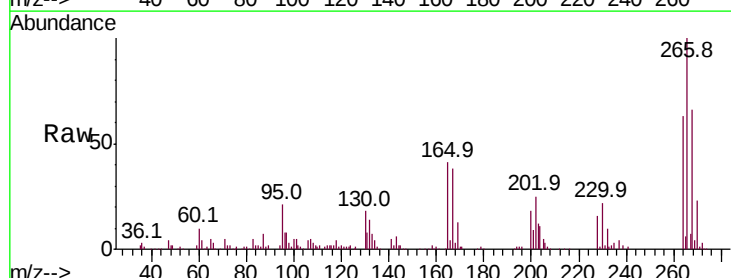
Manual Integrations
APPROVED

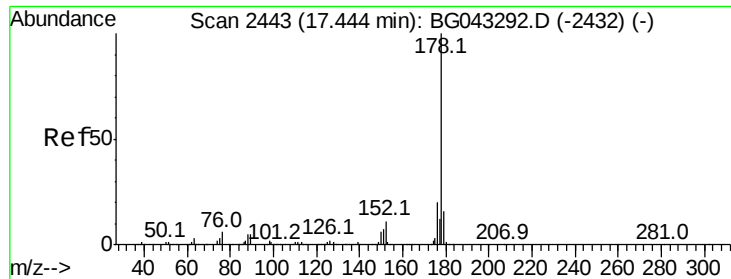
Sohil
11/8/2019 3:33:05 PM



#70
Pentachlorophenol
Concen: 93.148 ng
RT: 17.05 min Scan# 2376
Delta R.T. -0.00 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	66.2	50.4	75.6	
264	62.8	48.9	73.3	





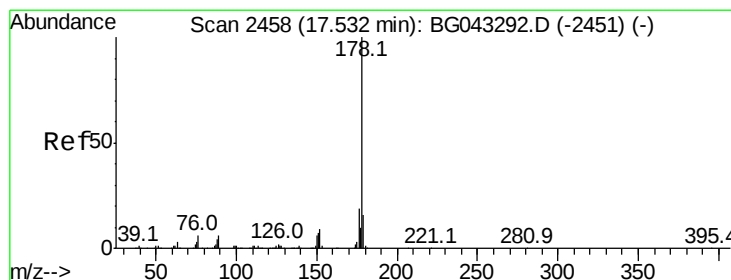
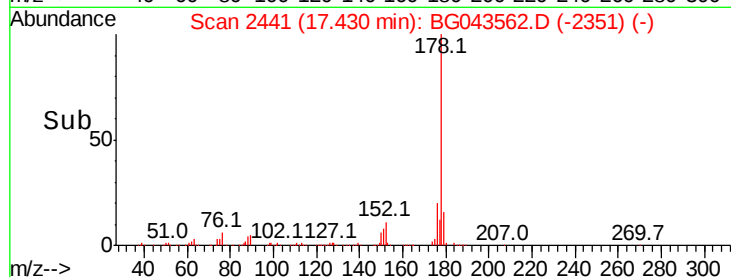
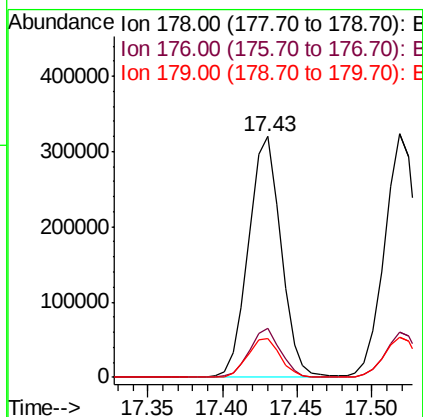
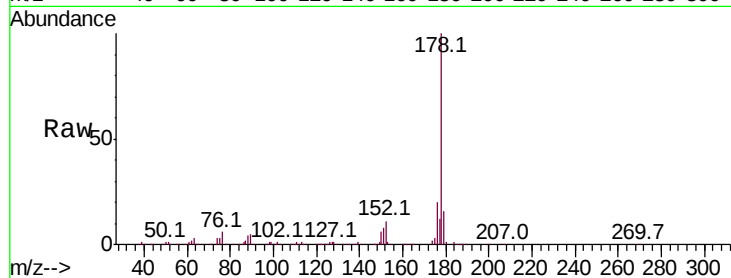
#71
Phenanthrene
Concen: 46.622 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Instrument :
BNA_G
ClientSampleId :
TR-05-110519MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.4	23.0
179	15.9	13.0	19.6

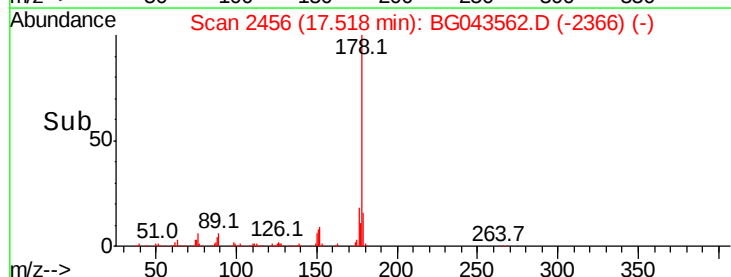
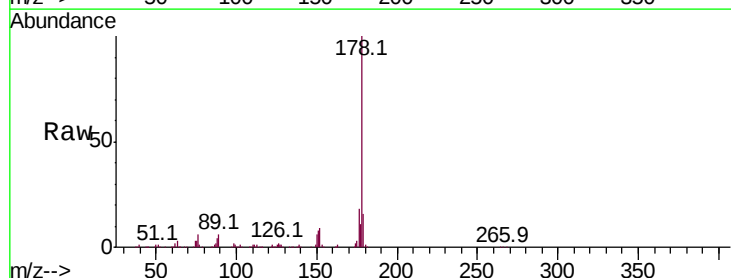
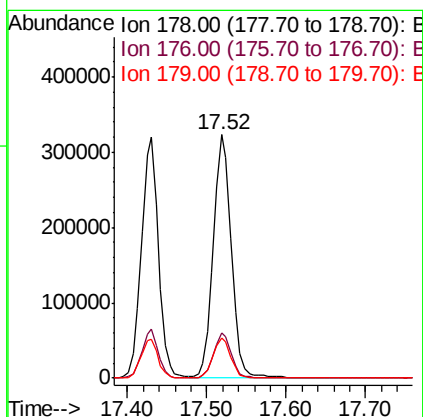
Manual Integrations
APPROVED

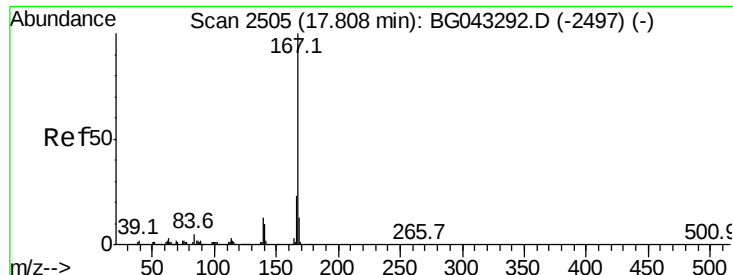
Sohil
11/8/2019 3:33:05 PM



#72
Anthracene
Concen: 49.211 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.00 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.5	23.3
179	16.3	13.7	20.5





#73

Carbazole

Concen: 48.606 ng

RT: 17.79 min Scan# 2503

Delta R.T. -0.00 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

Instrument :

BNA_G

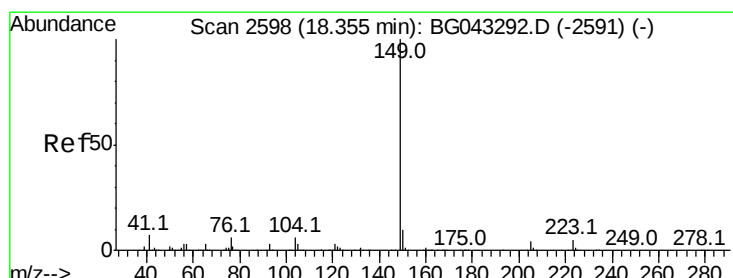
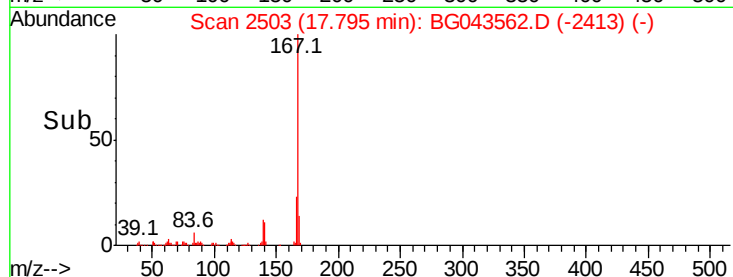
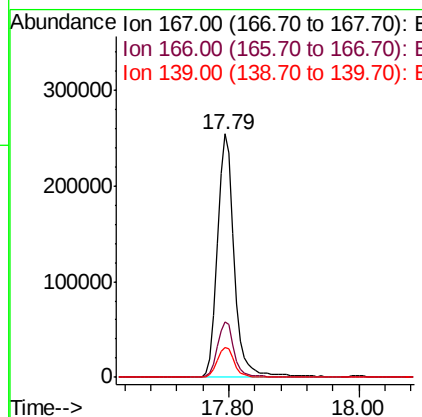
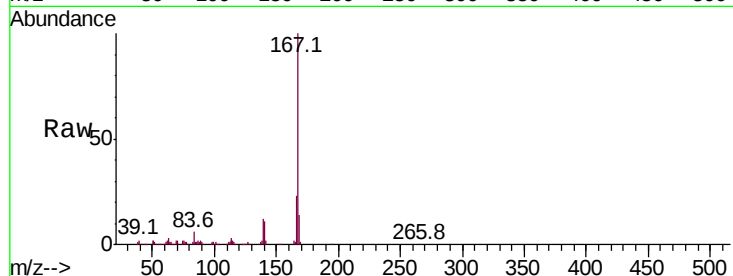
ClientSampleId :

TR-05-110519MS

Tot Ion:	167	Resp:	455471
Ion Ratio	Lower	Upper	
167	100		
166	22.6	18.7	28.1
139	12.3	10.0	15.0

Manual Integrations
APPROVED

Sohil
11/8/2019 3:33:05 PM



#74

Di-n-butylphthalate

Concen: 46.096 ng

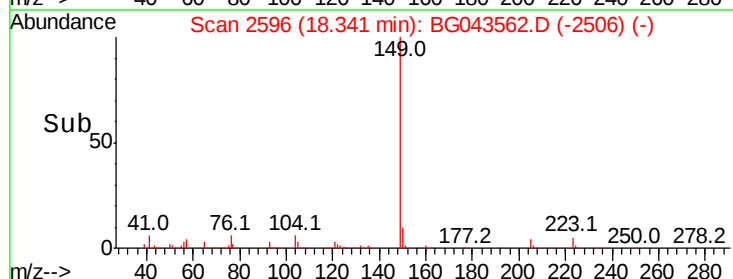
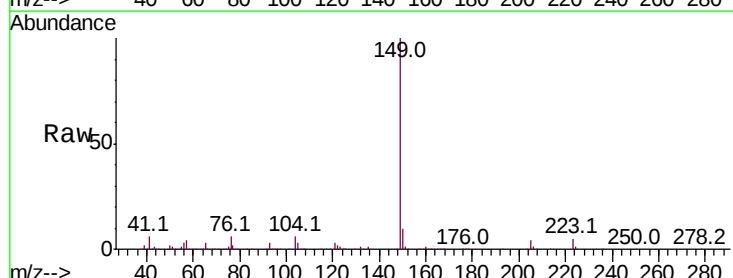
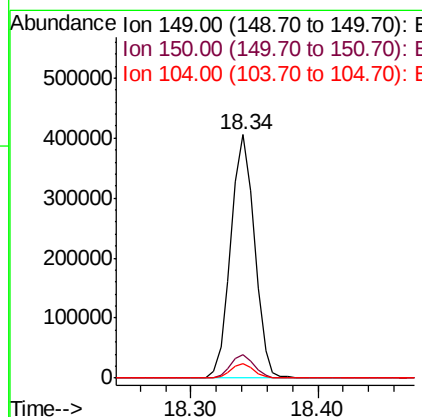
RT: 18.34 min Scan# 2596

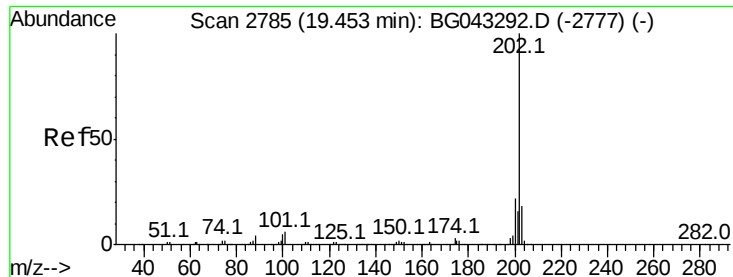
Delta R.T. -0.00 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

Tgt Ion:	149	Resp:	524111
Ion Ratio	Lower	Upper	
149	100		
150	9.8	8.0	12.0
104	5.9	4.4	6.6





#75

Fluoranthene

Concen: 48.402 ng

RT: 19.44 min Scan# 2783

Delta R.T. -0.00 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

Instrument :

BNA_G

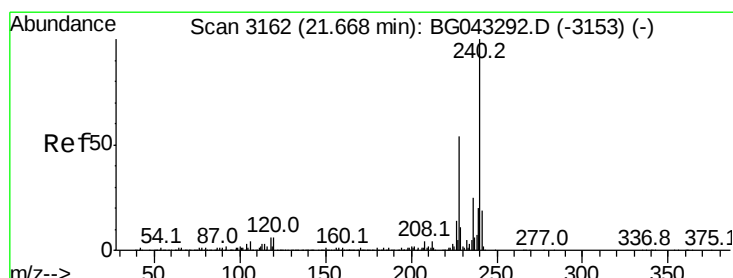
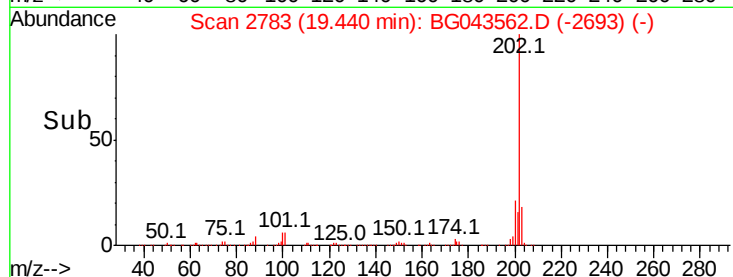
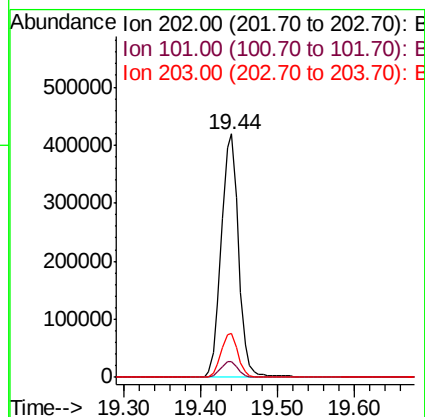
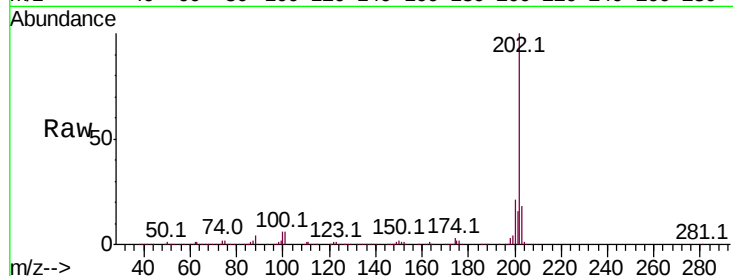
ClientSampleId :

TR-05-110519MS

Tot Ion:	202	Resp:	652609
Ion Ratio	Lower	Upper	
202	100		
101	6.4	0.0	26.3
203	18.1	0.0	37.9

Manual Integrations
APPROVED

Sohil
11/8/2019 3:33:05 PM



#76

Chrysene-d12

Concen: 20.000 ng

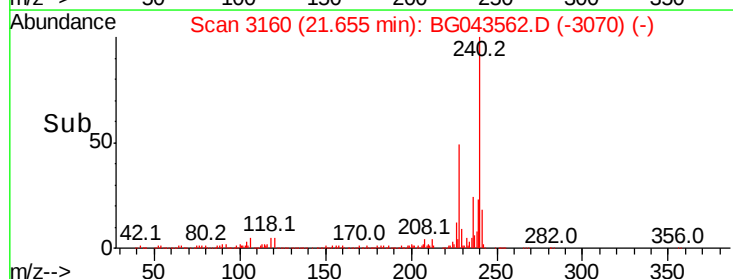
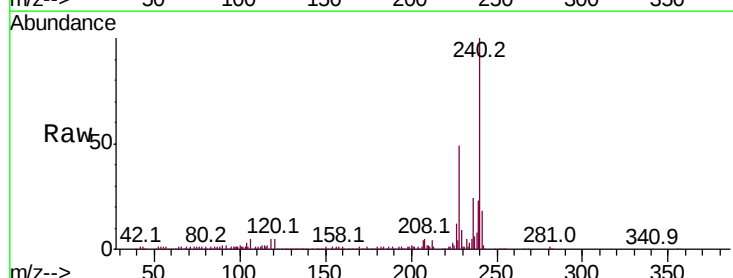
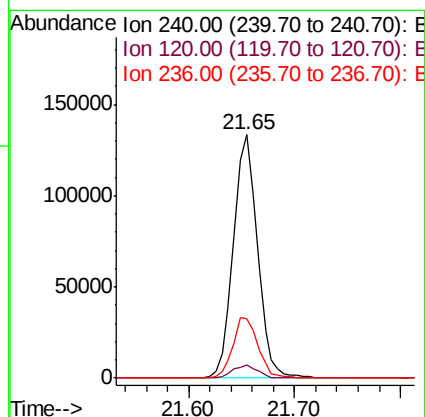
RT: 21.65 min Scan# 3160

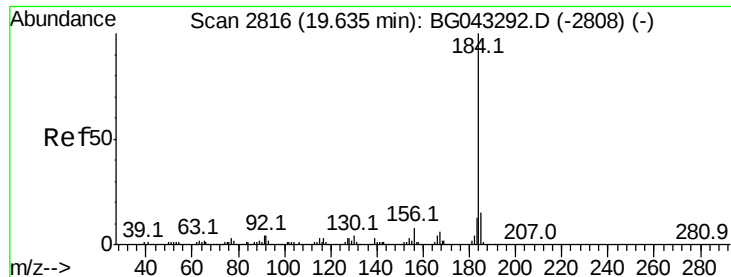
Delta R.T. -0.00 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

Tgt Ion:	240	Resp:	210384
Ion Ratio	Lower	Upper	
240	100		
120	5.2	4.6	6.8
236	24.2	19.8	29.8





#77

Benzidine

Concen: 12.733 ng

RT: 19.62 min Scan# 2814

Delta R.T. -0.00 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

Instrument :

BNA_G

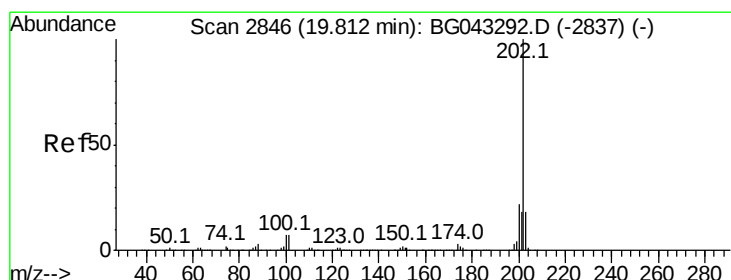
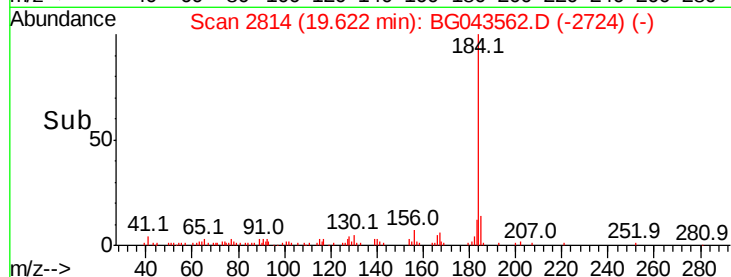
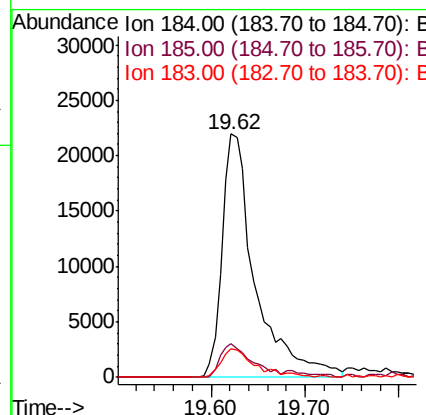
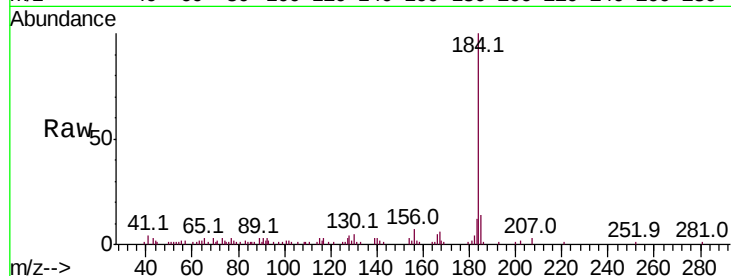
ClientSampleId :

TR-05-110519MS

Tot Ion:	184	Resp:	53913
Ion Ratio	Lower	Upper	
184	100		
185	13.8	11.0	16.4
183	11.7	10.0	15.0

Manual Integrations
APPROVED

Sohil
11/8/2019 3:33:05 PM



#78

Pyrene

Concen: 50.428 ng

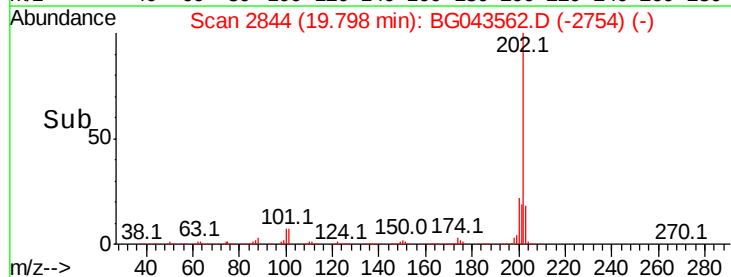
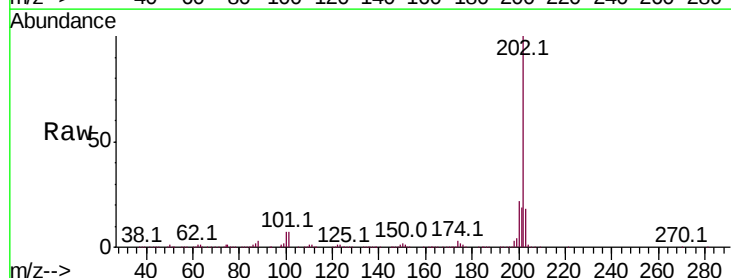
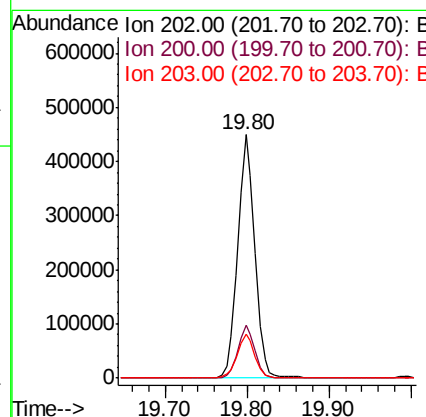
RT: 19.80 min Scan# 2844

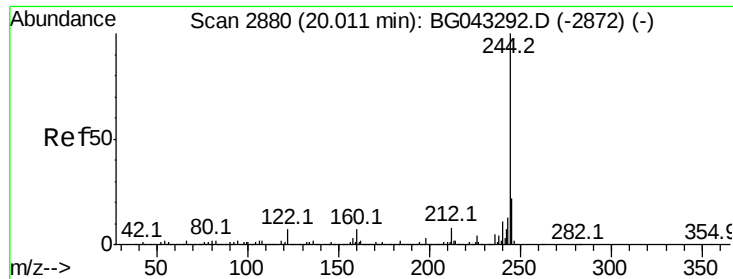
Delta R.T. -0.00 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

Tgt Ion:	202	Resp:	656695
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.0	25.4
203	18.0	14.7	22.1





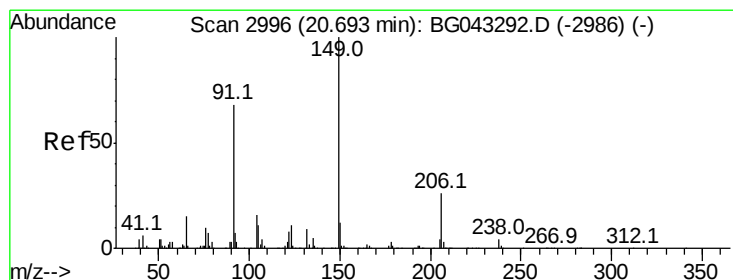
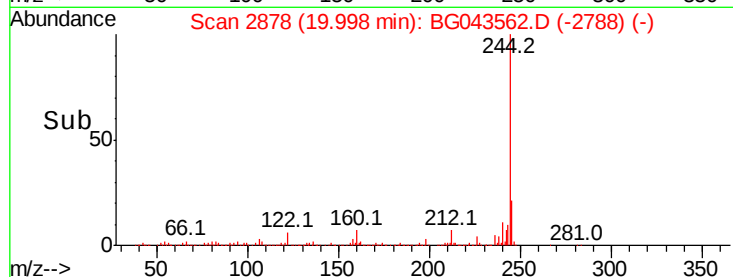
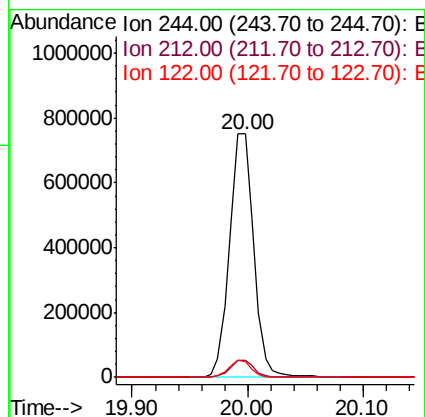
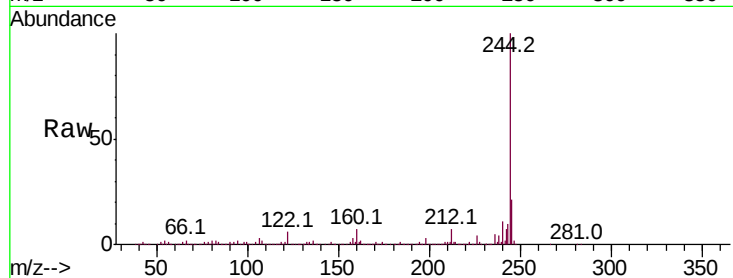
#79
 Terphenyl-d14
 Concen: 97.340 ng
 RT: 20.00 min Scan# 2878
 Delta R.T. -0.00 min
 Lab File: BG043562.D
 Acq: 8 Nov 2019 6:28

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-110519MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	6.5	5.4	8.2

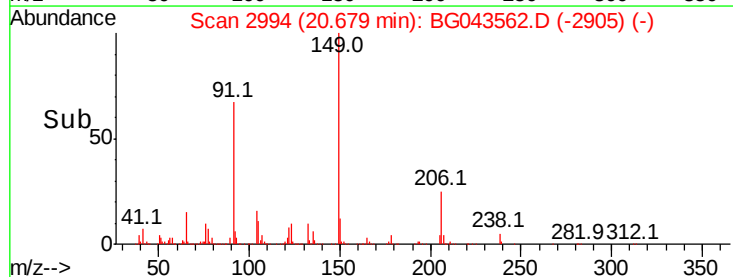
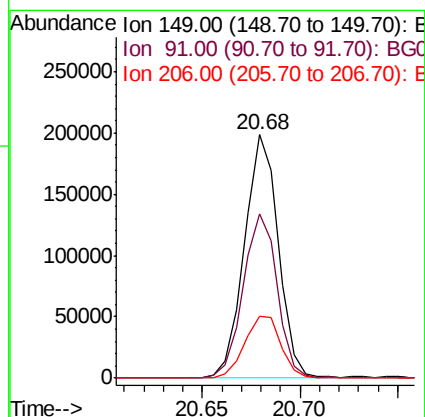
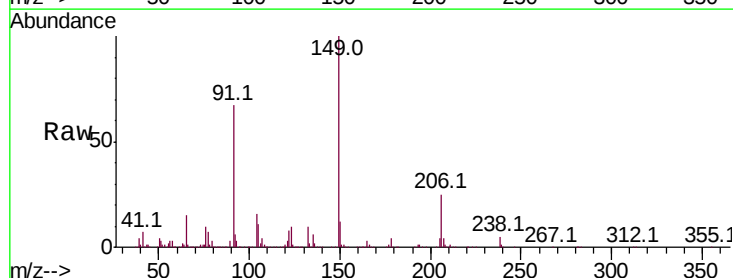
Manual Integrations
 APPROVED

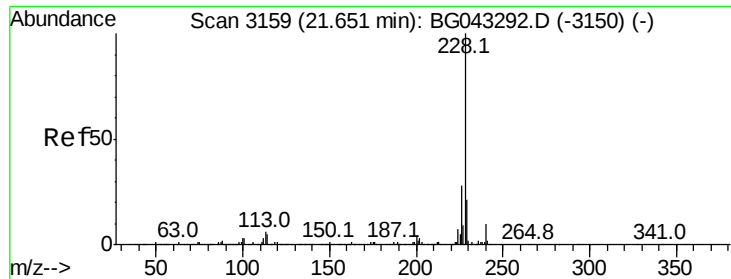
Sohil
 11/8/2019 3:33:05 PM



#80
 Butylbenzylphthalate
 Concen: 48.339 ng
 RT: 20.68 min Scan# 2994
 Delta R.T. -0.01 min
 Lab File: BG043562.D
 Acq: 8 Nov 2019 6:28

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.3	51.2	76.8
206	25.4	22.5	33.7





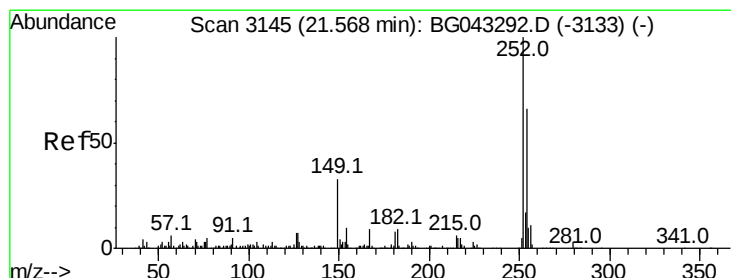
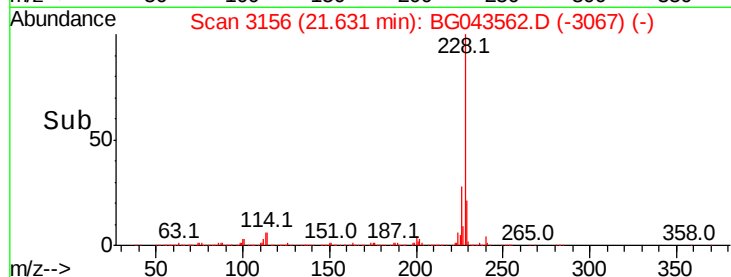
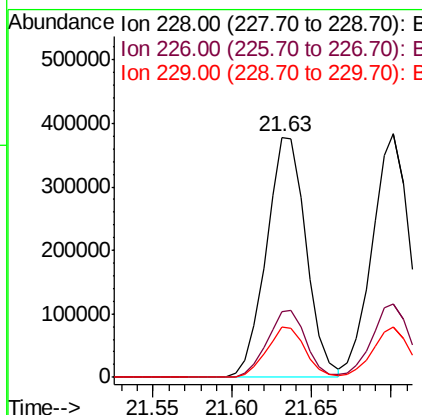
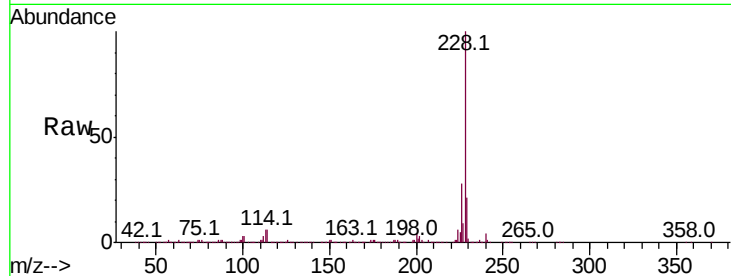
#81
Benzo(a)anthracene
Concen: 49.932 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Instrument :
BNA_G
ClientSampleId :
TR-05-110519MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.2	33.2
229	21.2	17.0	25.4

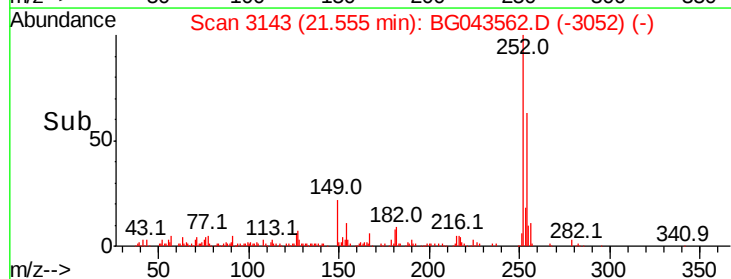
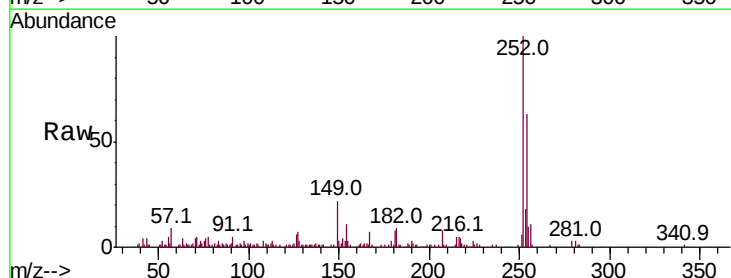
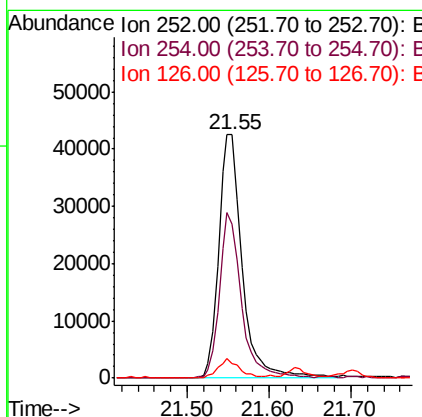
Manual Integrations
APPROVED

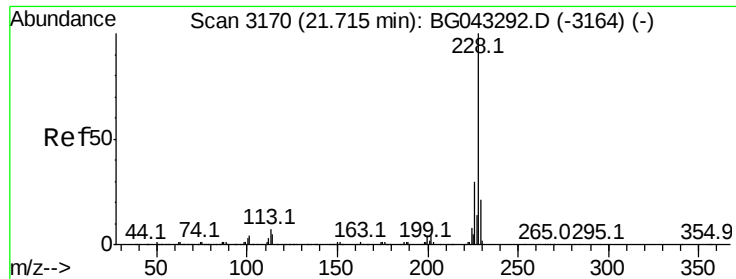
Sohil
11/8/2019 3:33:05 PM



#82
3,3'-Dichlorobenzidine
Concen: 16.658 ng
RT: 21.55 min Scan# 3143
Delta R.T. 0.00 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.1	50.8	76.2
126	6.1	6.1	9.1





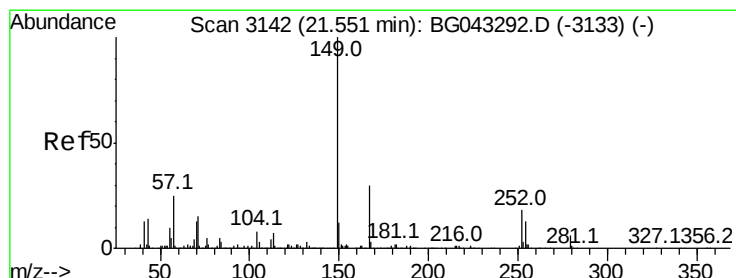
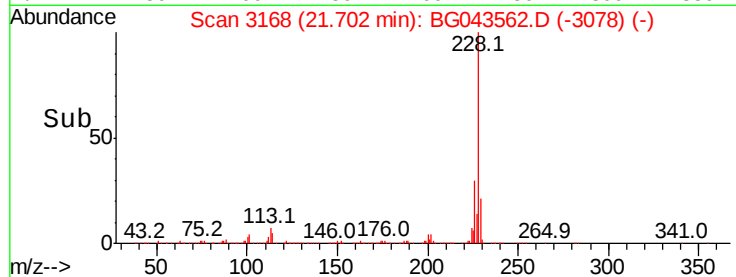
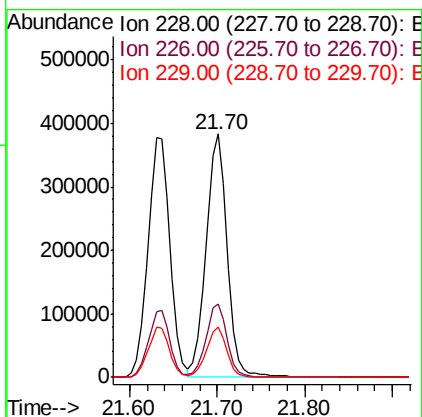
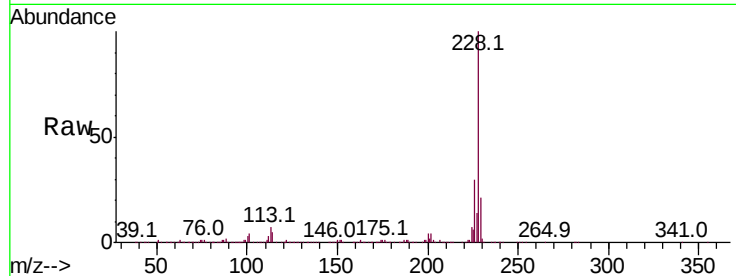
#83
 Chrysene
 Concen: 48.869 ng
 RT: 21.70 min Scan# 3168
 Delta R.T. -0.00 min
 Lab File: BG043562.D
 Acq: 8 Nov 2019 6:28

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-110519MS

Tot Ion:	228	Resp:	639872
Ion Ratio	Lower	Upper	
228	100		
226	30.0	25.1	37.7
229	20.7	17.0	25.4

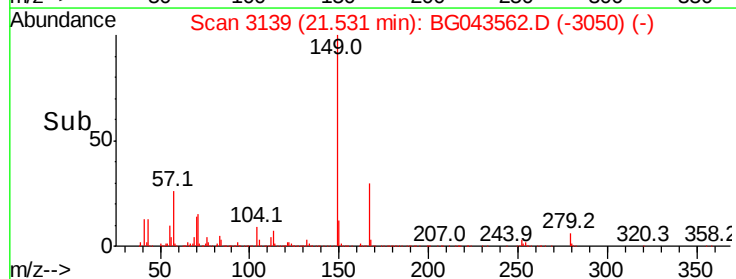
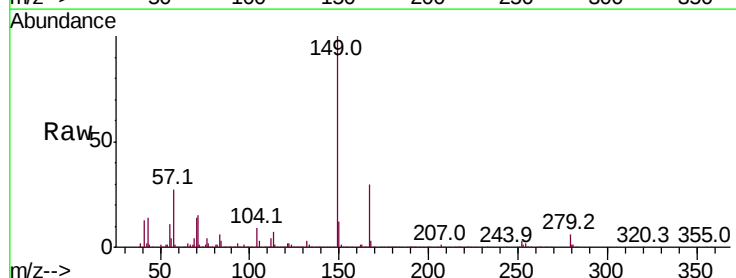
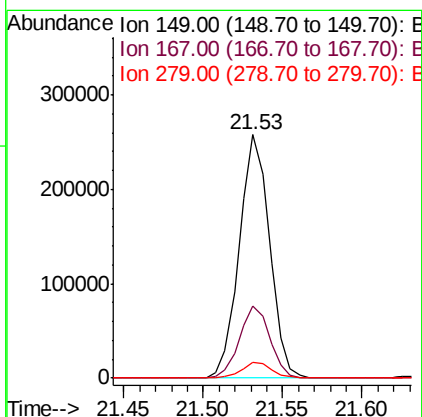
Manual Integrations
 APPROVED

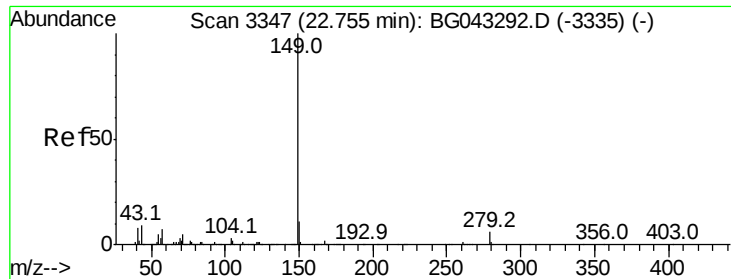
Sohil
 11/8/2019 3:33:05 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.636 ng
 RT: 21.53 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG043562.D
 Acq: 8 Nov 2019 6:28

Tgt Ion:	149	Resp:	340861
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: 49.147 ng

RT: 22.73 min Scan# 3343

Delta R.T. -0.01 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

Instrument :

BNA_G

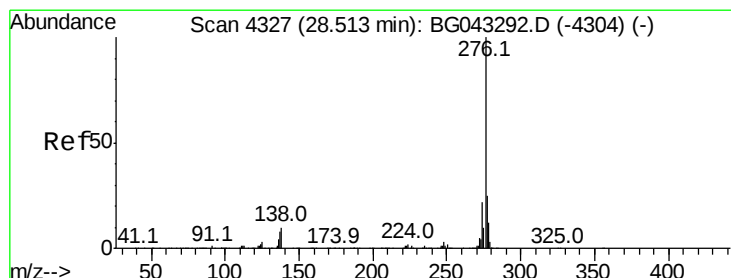
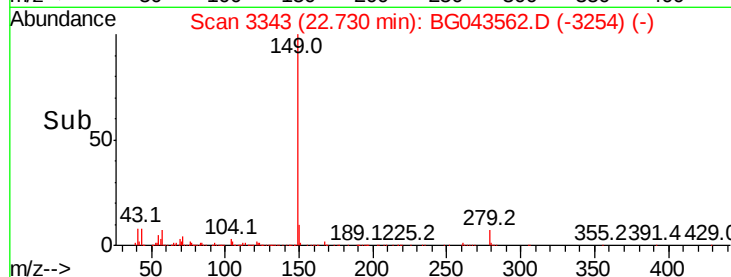
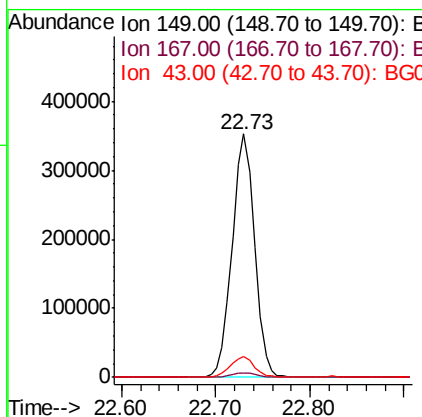
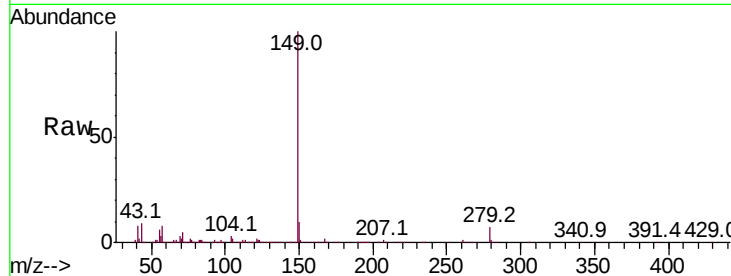
ClientSampleId :

TR-05-110519MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	584365		
167	2.0		1.4	2.2
43	8.5		7.0	10.6

Manual Integrations
APPROVED

Sohil
11/8/2019 3:33:05 PM



#86

Indeno(1,2,3-cd)pyrene

Concen: 50.133 ng

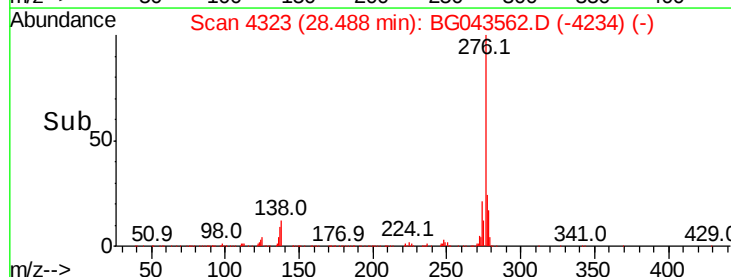
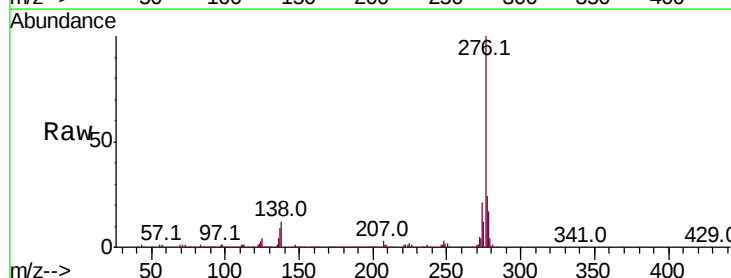
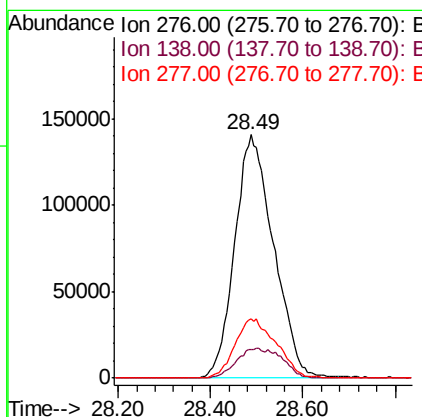
RT: 28.49 min Scan# 4323

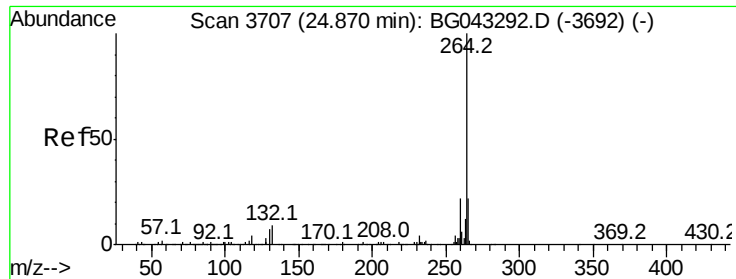
Delta R.T. -0.01 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	823971		
138	14.4		6.8	10.2#
277	26.0		20.9	31.3





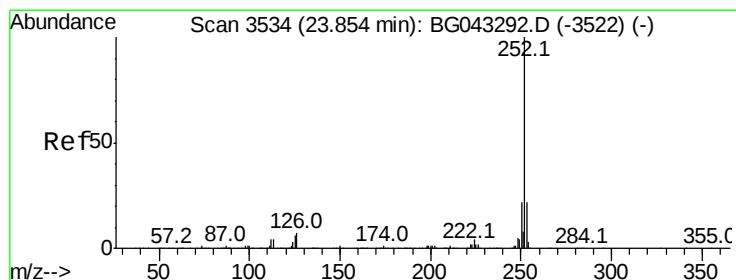
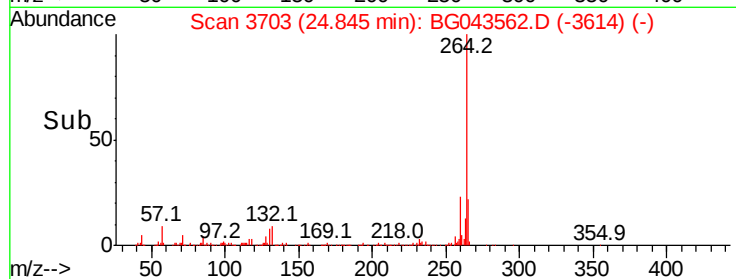
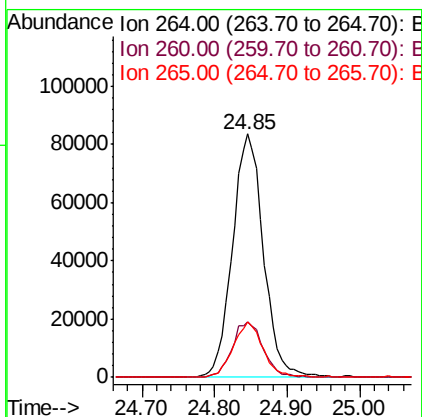
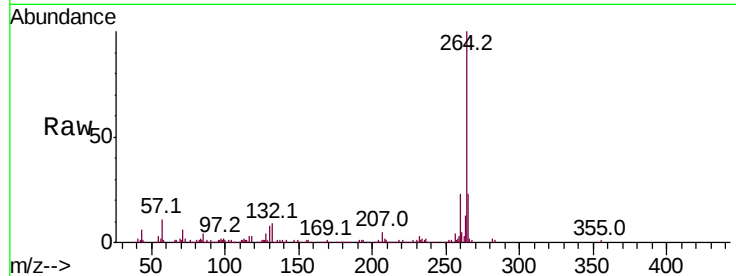
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3703
Delta R.T. -0.01 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Instrument :
BNA_G
ClientSampleId :
TR-05-110519MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.5	26.3
265	22.8	17.4	26.0

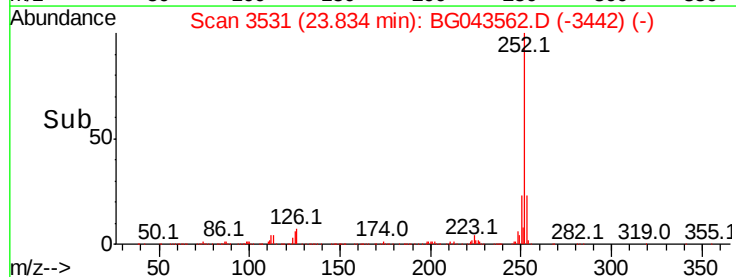
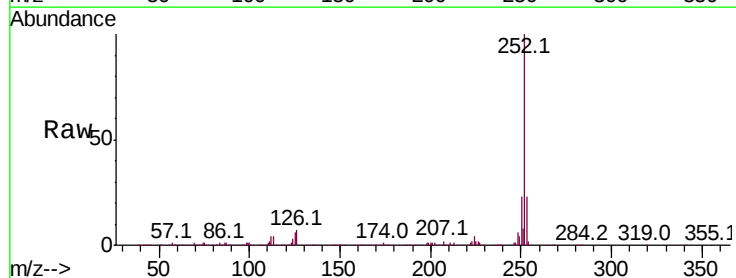
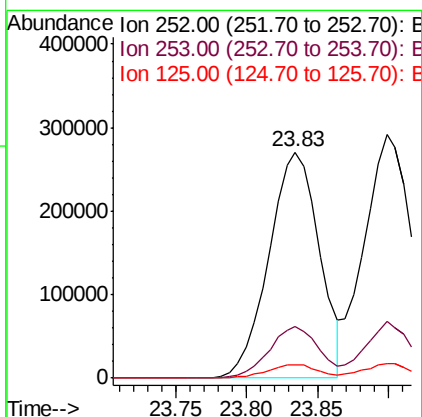
Manual Integrations
APPROVED

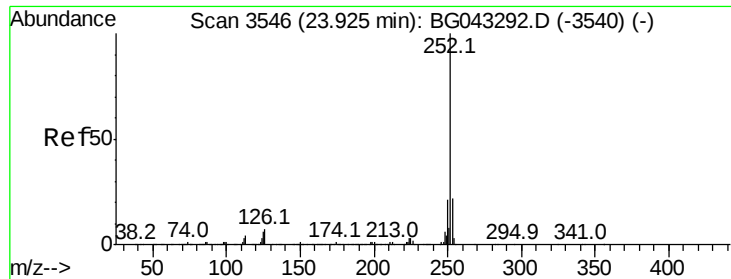
Sohil
11/8/2019 3:33:05 PM



#88
Benzo(b)fluoranthene
Concen: 48.187 ng
RT: 23.83 min Scan# 3531
Delta R.T. -0.01 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.7	26.5
125	6.0	4.5	6.7





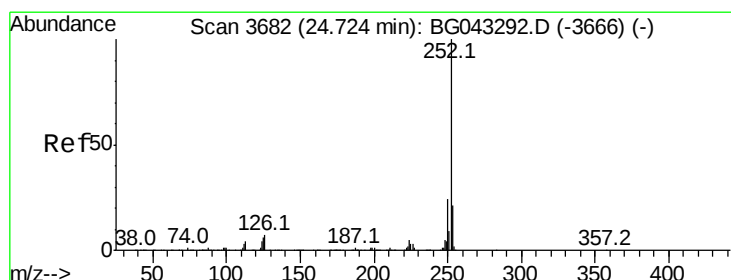
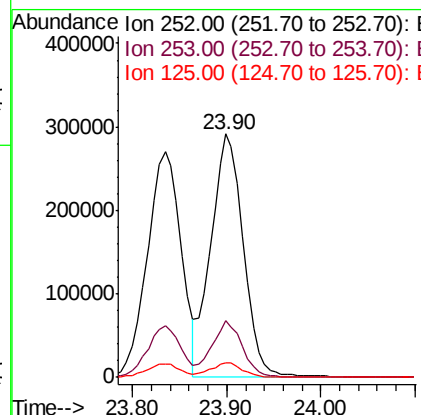
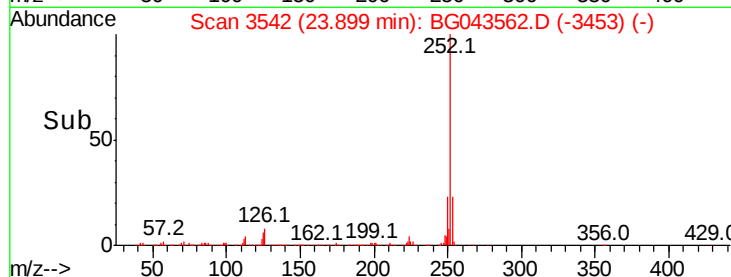
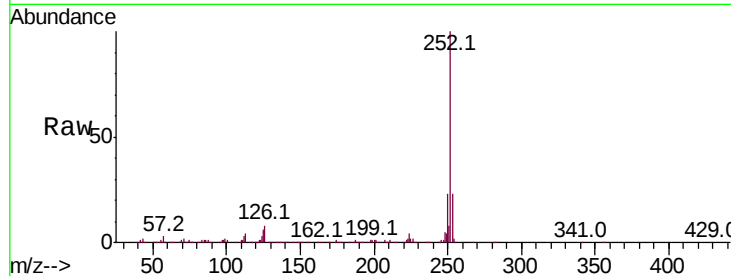
#89
Benzo(k)fluoranthene
Concen: 49.667 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Instrument :
BNA_G
ClientSampleId :
TR-05-110519MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.3	25.9
125	6.2	4.6	6.8

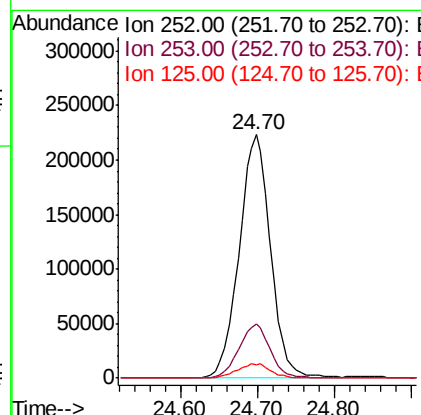
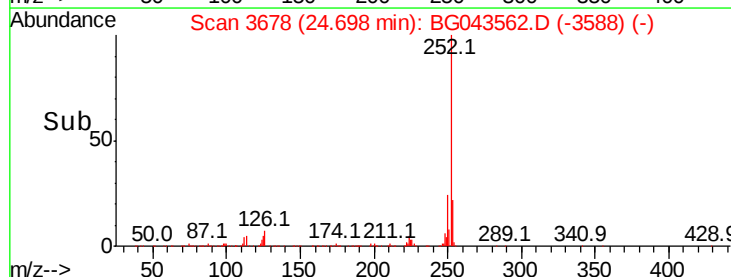
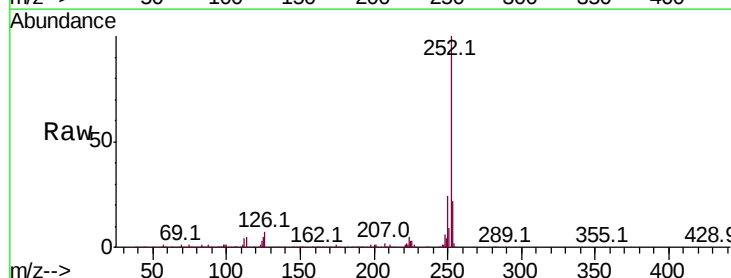
Manual Integrations
APPROVED

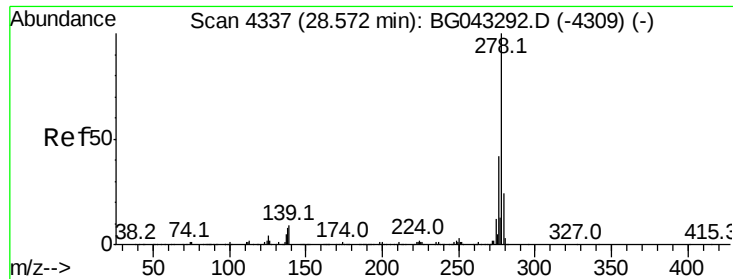
Sohil
11/8/2019 3:33:05 PM



#90
Benzo(a)pyrene
Concen: 47.536 ng
RT: 24.70 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BG043562.D
Acq: 8 Nov 2019 6:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	5.2	5.4	8.2#





#91

Dibenzo(a,h)anthracene

Concen: 50.863 ng

RT: 28.55 min Scan# 4334

Delta R.T. -0.00 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

Instrument :

BNA_G

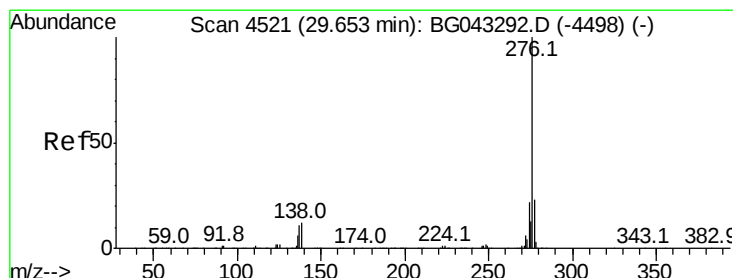
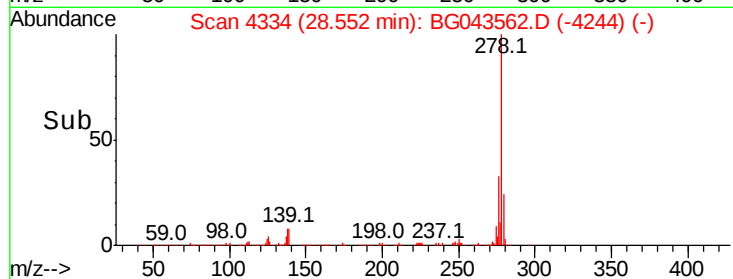
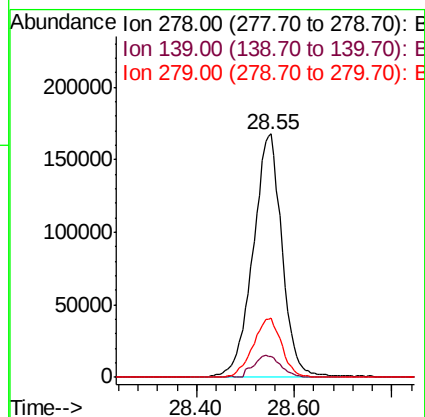
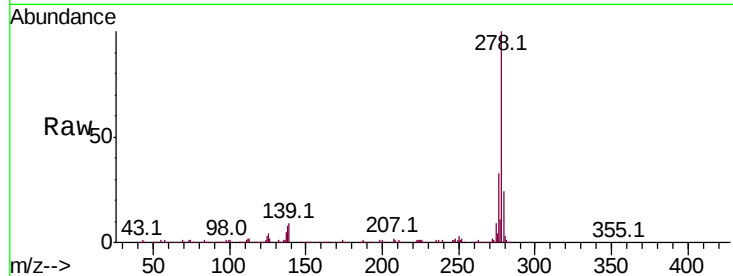
ClientSampleId :

TR-05-110519MS

Tot Ion:	278	Resp:	695552
Ion Ratio	Lower	Upper	
278	100		
139	8.6	7.4	11.0
279	24.5	19.1	28.7

Manual Integrations
APPROVED

Sohil
11/8/2019 3:33:05 PM



#92

Benzo(g,h,i)perylene

Concen: 51.483 ng

RT: 29.62 min Scan# 4516

Delta R.T. -0.01 min

Lab File: BG043562.D

Acq: 8 Nov 2019 6:28

Tgt Ion:	276	Resp:	694454
Ion Ratio	Lower	Upper	
276	100		
277	24.2	18.9	28.3
138	11.2	8.9	13.3

