

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
 Data File : BG040905.D
 Acq On : 12 May 2019 12:16
 Operator : HP/JU
 Sample : K2768-14MS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P026-SS015-1824-01MS

Manual Integrations
 APPROVED

Sohil
 5/14/2019 8:01:51 PM

Quant Time: May 13 05:07:19 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Apr 24 05:35:33 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	52562	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	220155	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	160913	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	400285	20.00	ng	-0.03
76) Chrysene-d12	21.80	240	401358	20.00	ng	-0.03
87) Perylene-d12	25.14	264	445586	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	414845	139.13	ng	-0.02
7) Phenol-d6	7.28	99	620822	135.22	ng	-0.02
23) Nitrobenzene-d5	9.31	82	419749	88.10	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	314544	142.21	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	888812	79.77	ng	-0.03
79) Terphenyl-d14	20.10	244	1517722	83.78	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	42705	31.492	ng	92
3) Pyridine	3.94	79	86450	21.994	ng	98
4) n-Nitrosodimethylamine	3.86	42	73633	33.774	ng	93
6) Aniline	7.45	93	86868	14.275	ng	99
8) 2-Chlorophenol	7.69	128	153996	42.296	ng	98
9) Benzaldehyde	7.27	77	82637	27.126	ng	96
10) Phenol	7.30	94	214573	43.478	ng	96
11) bis(2-Chloroethyl)ether	7.55	93	142356	38.466	ng	97
12) 1,3-Dichlorobenzene	8.02	146	155975	39.249	ng	96
13) 1,4-Dichlorobenzene	8.17	146	159899	39.691	ng	99
14) 1,2-Dichlorobenzene	8.49	146	153012	39.384	ng	99
15) Benzyl Alcohol	8.37	79	178576	37.382	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.65	45	234110	31.773	ng	91
17) 2-Methylphenol	8.56	107	150250	43.020	ng	94
18) Hexachloroethane	9.22	117	60714	36.740	ng	98
19) n-Nitroso-di-n-propylamine	8.94	70	142721	34.534	ng	91
20) 3+4-Methylphenols	8.89	107	208390	42.831	ng	98
22) Acetophenone	8.96	105	254055	41.499	ng	# 96
24) Nitrobenzene	9.36	77	214584	42.211	ng	97
25) Isophorone	9.87	82	407125	38.360	ng	99
26) 2-Nitrophenol	10.06	139	95055	52.164	ng	94
27) 2,4-Dimethylphenol	10.10	122	161965	47.372	ng	96
28) bis(2-Chloroethoxy)methane	10.35	93	214150	40.217	ng	97
29) 2,4-Dichlorophenol	10.59	162	187840	48.325	ng	95
30) 1,2,4-Trichlorobenzene	10.81	180	194005	45.008	ng	97
31) Naphthalene	11.01	128	484051	41.385	ng	98
32) Benzoic acid	10.23	122	89951	38.431	ng	95
33) 4-Chloroaniline	11.11	127	54819	10.571	ng	95
34) Hexachlorobutadiene	11.27	225	137362	43.165	ng	98
35) Caprolactam	11.90	113	56632m	36.903	ng	
36) 4-Chloro-3-methylphenol	12.22	107	218585	44.577	ng	95
37) 2-Methylnaphthalene	12.60	142	367214	41.992	ng	98
38) 1-Methylnaphthalene	12.82	142	353577	41.365	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.96	216	264412	44.110	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
 Data File : BG040905.D
 Acq On : 12 May 2019 12:16
 Operator : HP/JU
 Sample : K2768-14MS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P026-SS015-1824-01MS

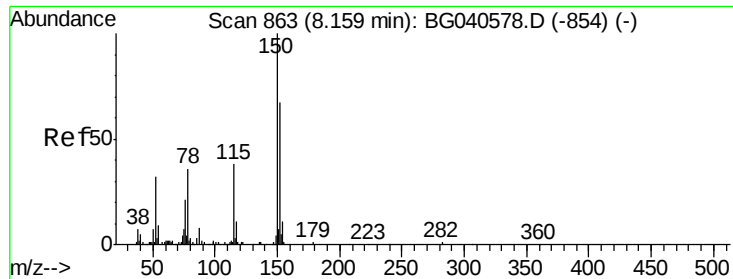
Manual Integrations
 APPROVED

Sohil
 5/14/2019 8:01:51 PM

Quant Time: May 13 05:07:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	324570	91.759	ng	99
43) 2,4,6-Trichlorophenol	13.19	196	181030	49.974	ng	99
44) 2,4,5-Trichlorophenol	13.27	196	193372	49.003	ng	96
46) 1,1'-Biphenyl	13.60	154	494446	39.577	ng	96
47) 2-Chloronaphthalene	13.65	162	409986	41.933	ng	98
48) 2-Nitroaniline	13.85	65	154142	44.290	ng	92
49) Acenaphthylene	14.49	152	645574	38.918	ng	99
50) Dimethylphthalate	14.21	163	716202	53.197	ng	99
51) 2,6-Dinitrotoluene	14.34	165	125326	47.696	ng	89
52) Acenaphthene	14.83	154	380376	39.375	ng	96
53) 3-Nitroaniline	14.67	138	66681	24.767	ng #	91
54) 2,4-Dinitrophenol	14.87	184	159608	105.272	ng	92
55) Dibenzofuran	15.16	168	641252	40.527	ng	99
56) 4-Nitrophenol	14.97	139	207019	88.677	ng #	84
57) 2,4-Dinitrotoluene	15.13	165	175388	49.121	ng	90
58) Fluorene	15.81	166	500413	39.128	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.38	232	199559	50.243	ng	94
60) Diethylphthalate	15.56	149	557759	39.265	ng	100
61) 4-Chlorophenyl-phenylether	15.80	204	320107	43.035	ng	95
62) 4-Nitroaniline	15.84	138	120749	40.094	ng	92
63) Azobenzene	16.08	77	518080	35.415	ng	97
65) 4,6-Dinitro-2-methylphenol	15.88	198	106994	53.324	ng	91
66) n-Nitrosodiphenylamine	16.01	169	460182	39.075	ng	98
67) 4-Bromophenyl-phenylether	16.69	248	208093	41.727	ng	92
68) Hexachlorobenzene	16.80	284	213369	41.378	ng	96
69) Atrazine	16.95	200	207851	44.547	ng	95
70) Pentachlorophenol	17.15	266	285005	94.452	ng	97
71) Phenanthrene	17.55	178	859823	39.880	ng	99
72) Anthracene	17.64	178	875311	40.389	ng	100
73) Carbazole	17.91	167	789117	39.966	ng	99
74) Di-n-butylphthalate	18.45	149	899917	37.762	ng	99
75) Fluoranthene	19.55	202	1100041	40.943	ng	99
77) Benzdine	19.73	184	135575	12.337	ng	98
78) Pyrene	19.92	202	1127640	44.827	ng	98
80) Butylbenzylphthalate	20.78	149	416783	42.510	ng	94
81) Benzo(a)anthracene	21.77	228	1065651	42.011	ng	99
82) 3,3'-Dichlorobenzidine	21.68	252	227879	25.205	ng	98
83) Chrysene	21.84	228	1045420	43.335	ng	100
84) Bis(2-ethylhexyl)phthalate	21.64	149	590265	41.707	ng	96
85) Di-n-octyl phthalate	22.89	149	1010903	42.412	ng	96
86) Indeno(1,2,3-cd)pyrene	28.99	276	1303227	44.682	ng #	92
88) Benzo(b)fluoranthene	24.07	252	1113744	40.903	ng	98
89) Benzo(k)fluoranthene	24.14	252	1049936	41.288	ng #	98
90) Benzo(a)pyrene	24.98	252	1073096	41.634	ng #	99
91) Dibenzo(a,h)anthracene	29.06	278	1062158	40.722	ng	97
92) Benzo(g,h,i)perylene	30.22	276	1076168	41.457	ng	99

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



#1

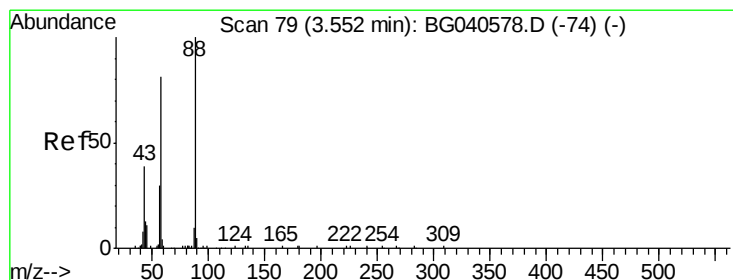
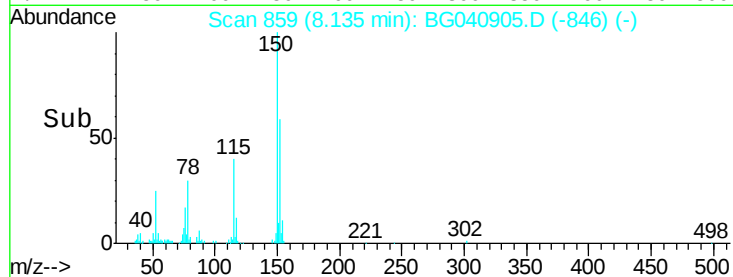
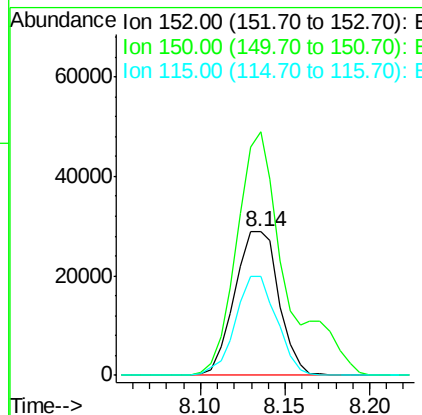
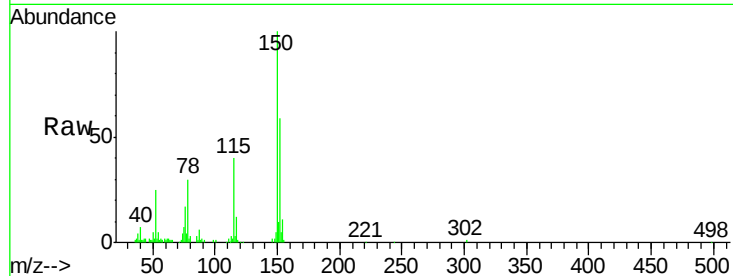
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: BG040905.D
Acq: 12 May 2019 12:16

Instrument :
BNA_G
ClientSampleId :
P026-SS015-1824-01MS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	169.5	120.2	180.2
115	68.6	46.2	69.2

Manual Integrations
APPROVED

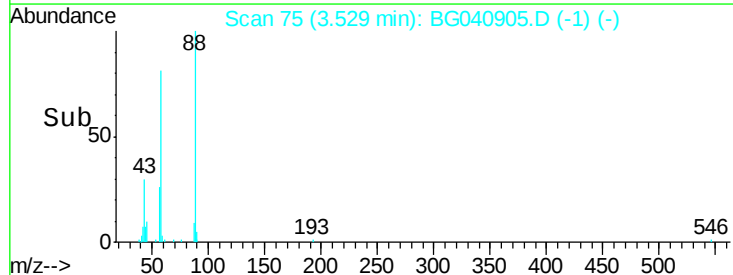
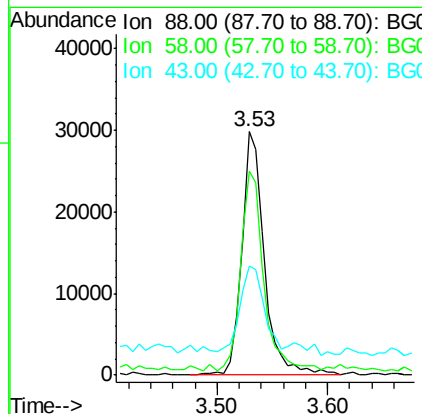
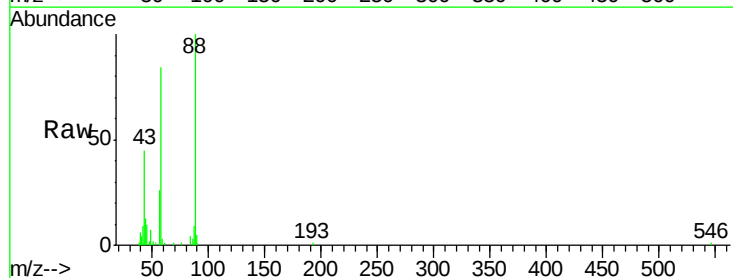
Sohil
5/14/2019 8:01:51 PM



#2

1,4-Dioxane
Concen: 31.492 ng
RT: 3.53 min Scan# 75
Delta R.T. -0.02 min
Lab File: BG040905.D
Acq: 12 May 2019 12:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.9	71.2	106.8
43	36.6	35.6	53.4





#3

Pyridine

Concen: 21.994 ng

RT: 3.94 min Scan# 145

Delta R.T. -0.03 min

Lab File: BG040905.D

Acq: 12 May 2019 12:16

Instrument :

BNA_G

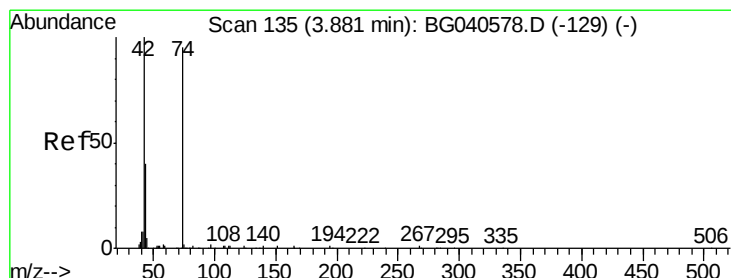
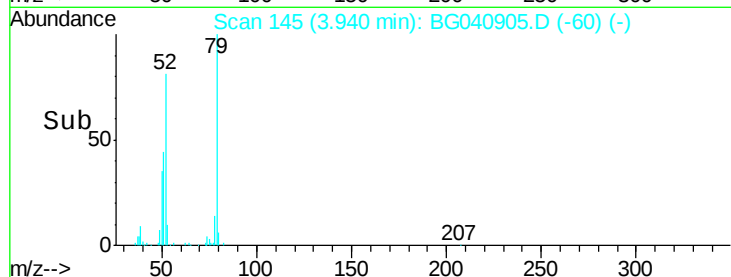
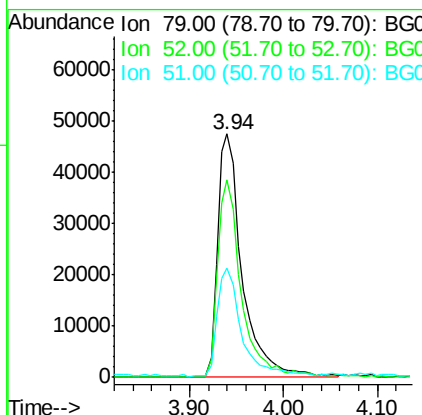
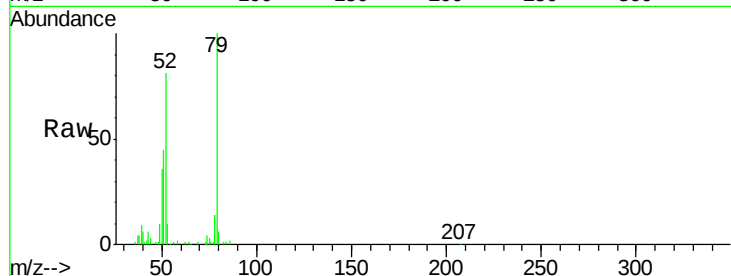
ClientSampleId :

P026-SS015-1824-01MS

Tgt Ion:	79	Resp:	86450
Ion	Ratio	Lower	Upper
79	100		
52	81.3	67.5	101.3
51	45.0	35.6	53.4

Manual Integrations
APPROVED

Sohil
5/14/2019 8:01:51 PM



#4

n-Nitrosodimethylamine

Concen: 33.774 ng

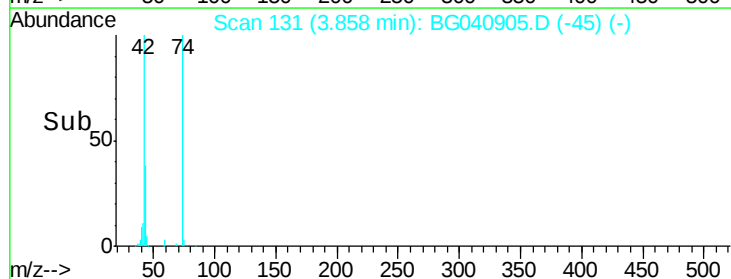
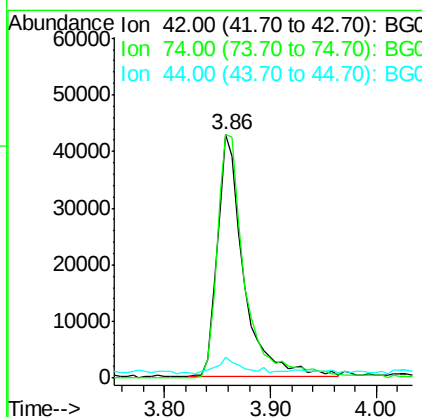
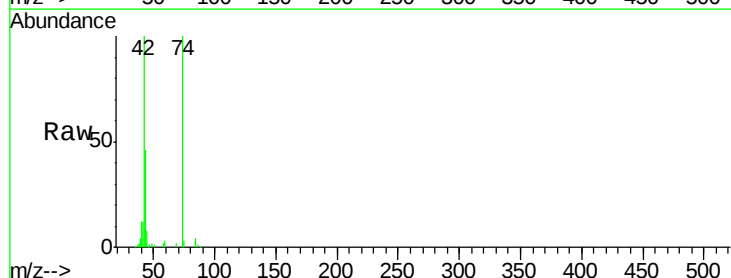
RT: 3.86 min Scan# 131

Delta R.T. -0.02 min

Lab File: BG040905.D

Acq: 12 May 2019 12:16

Tgt Ion:	42	Resp:	73633
Ion	Ratio	Lower	Upper
42	100		
74	99.9	74.6	111.8
44	8.3	7.4	11.0





#5

2-Fluorophenol

Concen: 139.126 ng

RT: 5.67 min Scan# 439

Delta R.T. -0.02 min

Lab File: BG040905.D

Acq: 12 May 2019 12:16

Instrument :

BNA_G

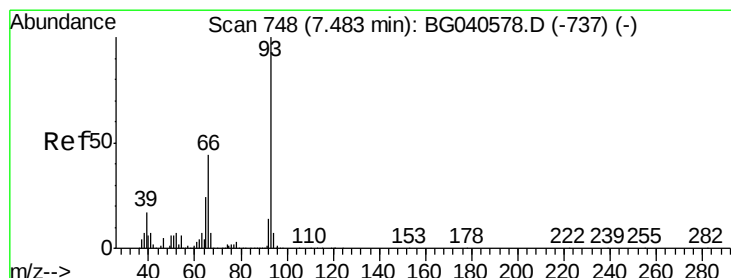
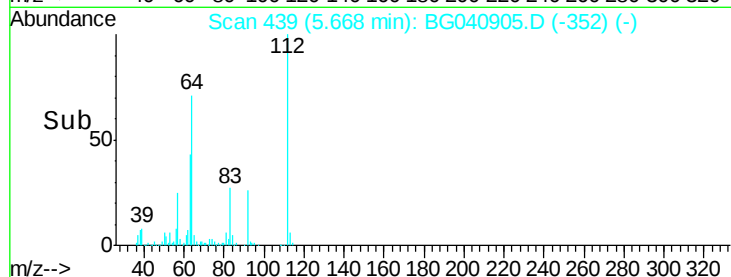
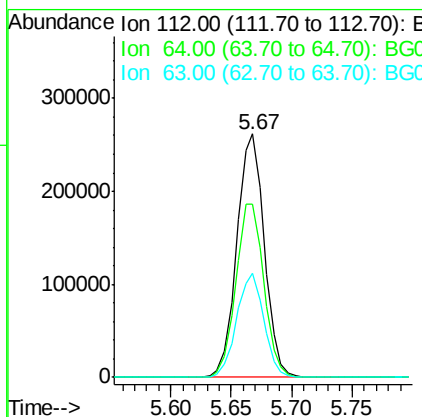
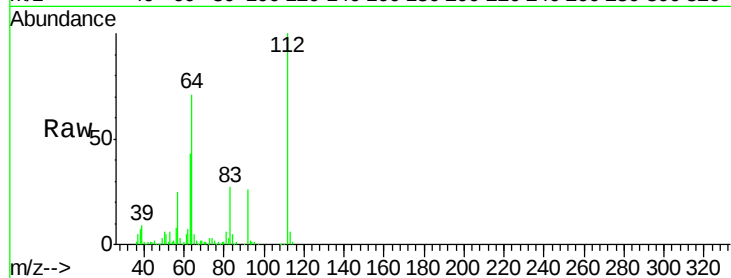
ClientSampleId :

P026-SS015-1824-01MS

Tgt Ion:	112	Resp:	414845
Ion Ratio	Lower	Upper	
112	100		
64	71.2	61.4	92.0
63	42.7	37.8	56.6

Manual Integrations
APPROVED

Sohil
5/14/2019 8:01:51 PM



#6

Aniline

Concen: 14.275 ng

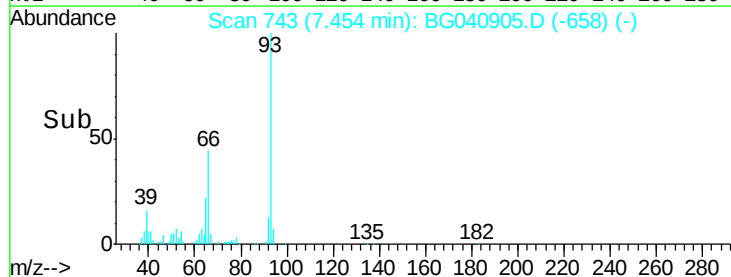
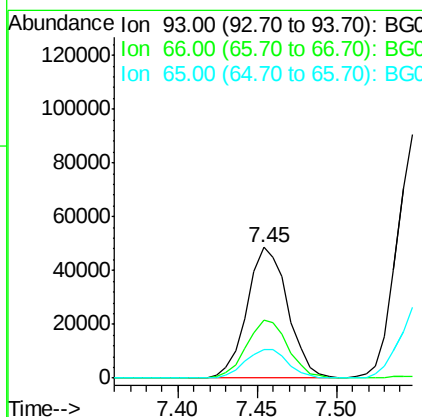
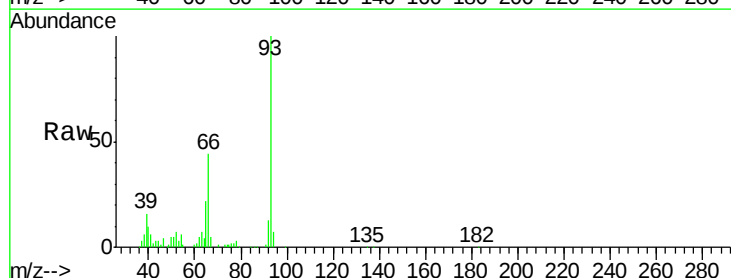
RT: 7.45 min Scan# 743

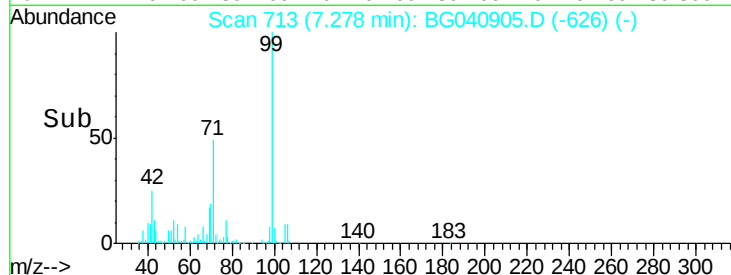
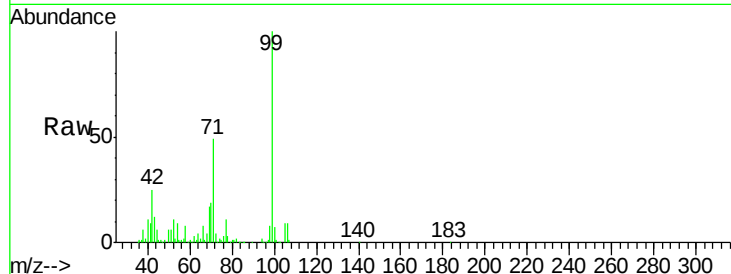
Delta R.T. -0.03 min

Lab File: BG040905.D

Acq: 12 May 2019 12:16

Tgt Ion:	93	Resp:	86868
Ion Ratio	Lower	Upper	
93	100		
66	44.4	35.5	53.3
65	22.2	19.2	28.8





#7

Phenol-d6

Concen: 135.222 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BG040905.D

Acq: 12 May 2019 12:16

Tgt Ion:	99	Resp:	620822
Ion	Ratio	Lower	Upper
99	100		
42	25.2	21.8	32.8
71	48.6	38.6	57.8

Instrument :

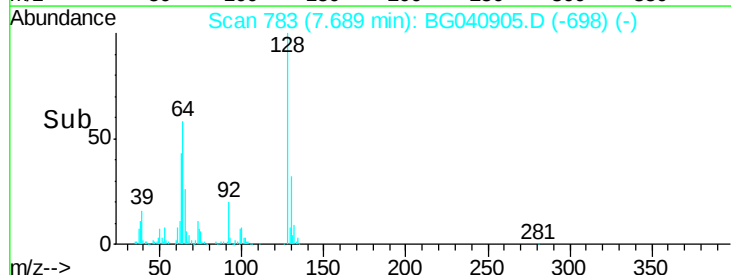
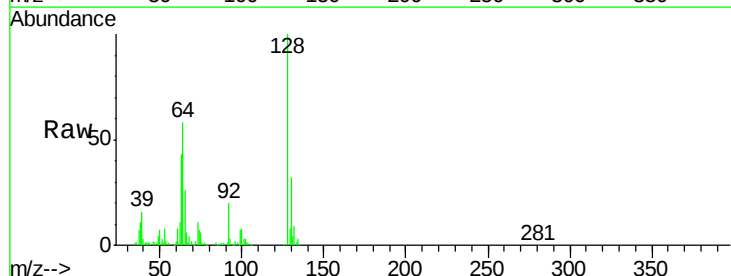
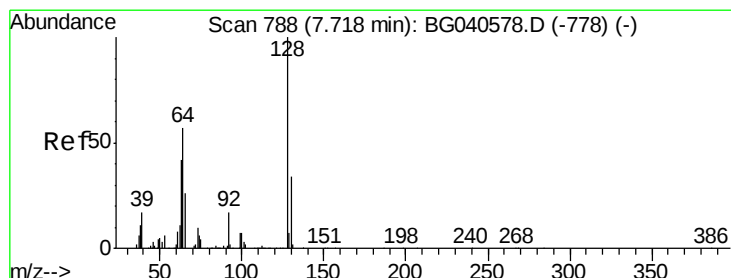
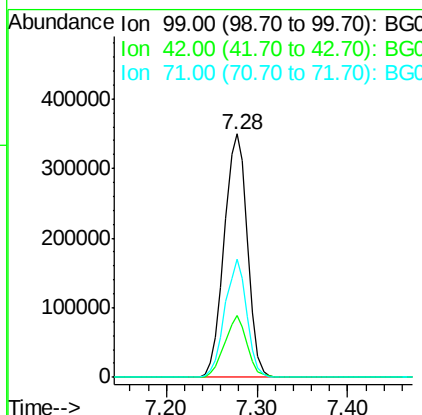
BNA_G

ClientSampleId :

P026-SS015-1824-01MS

Manual Integrations
APPROVED

Sohil
5/14/2019 8:01:51 PM



#8

2-Chlorophenol

Concen: 42.296 ng

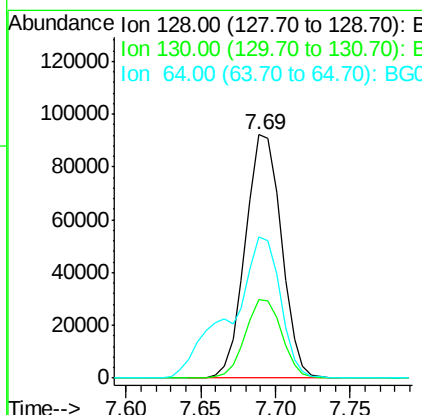
RT: 7.69 min Scan# 783

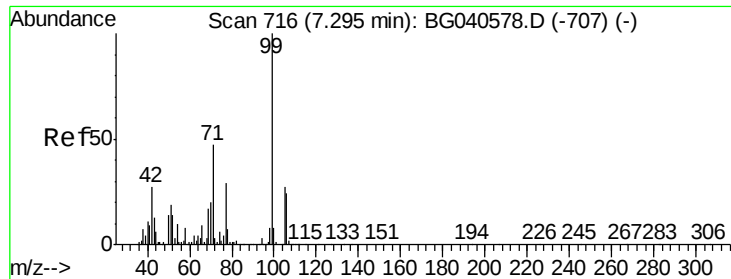
Delta R.T. -0.03 min

Lab File: BG040905.D

Acq: 12 May 2019 12:16

Tgt Ion:	128	Resp:	153996
Ion	Ratio	Lower	Upper
128	100		
130	32.4	14.5	54.5
64	58.2	38.4	78.4





#9

Benzaldehyde

Concen: 27.126 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BG040905.D

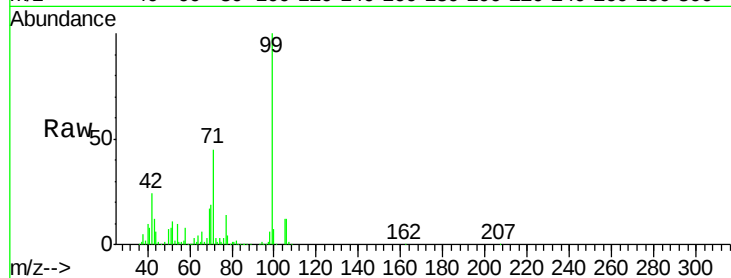
Acq: 12 May 2019 12:16

Instrument :

BNA_G

ClientSampleId :

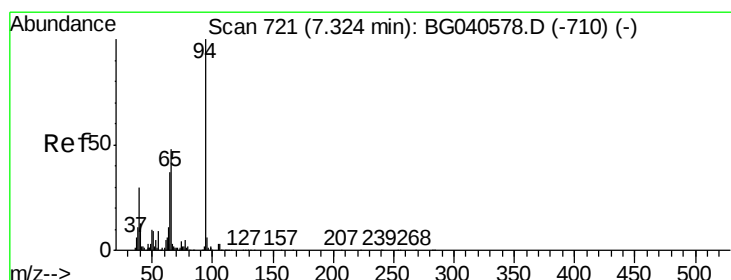
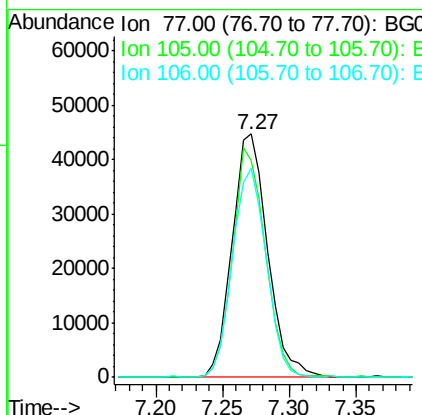
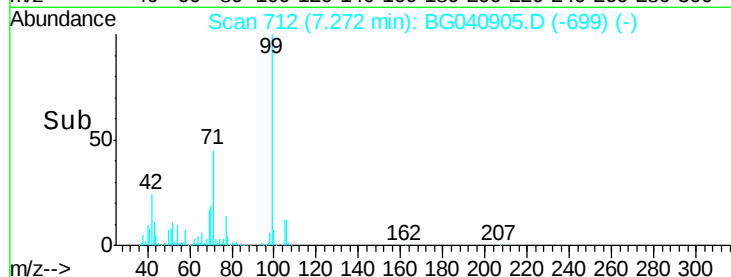
P026-SS015-1824-01MS



Tgt Ion:	77	Resp:	82637
Ion	Ratio	Lower	Upper
77	100		
105	88.9	72.0	112.0
106	85.9	61.2	101.2

Manual Integrations
APPROVED

Sohil
5/14/2019 8:01:51 PM



#10

Phenol

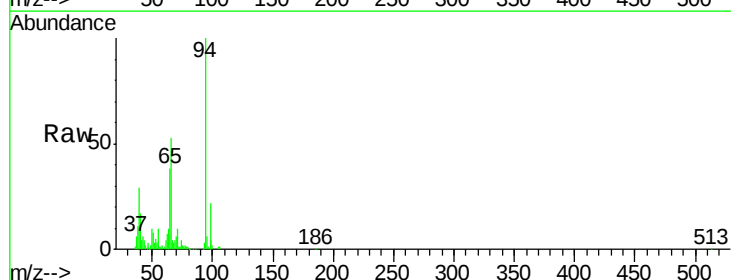
Concen: 43.478 ng

RT: 7.30 min Scan# 717

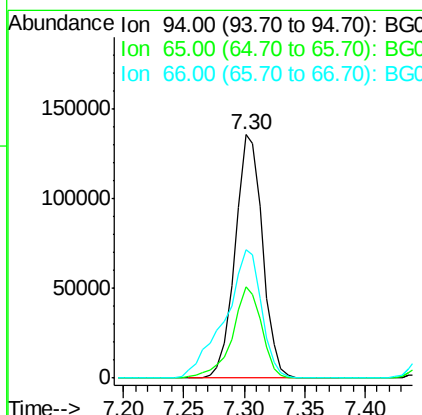
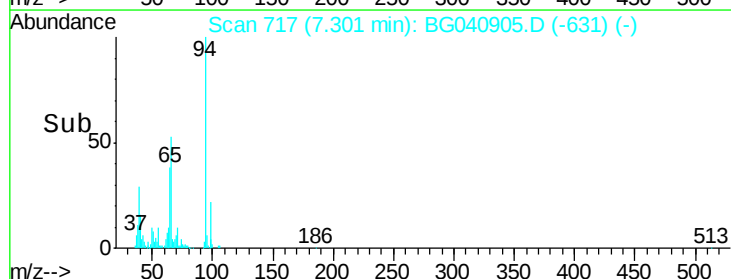
Delta R.T. -0.02 min

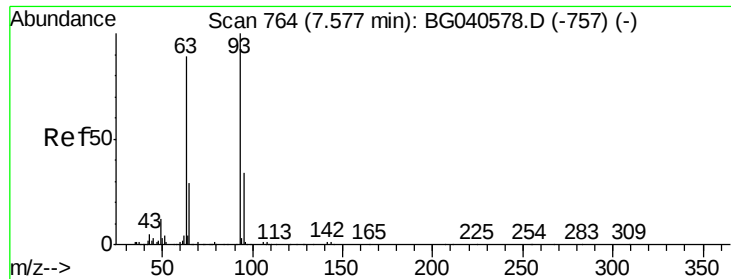
Lab File: BG040905.D

Acq: 12 May 2019 12:16



Tgt Ion:	94	Resp:	214573
Ion	Ratio	Lower	Upper
94	100		
65	37.7	17.0	57.0
66	52.9	28.6	68.6





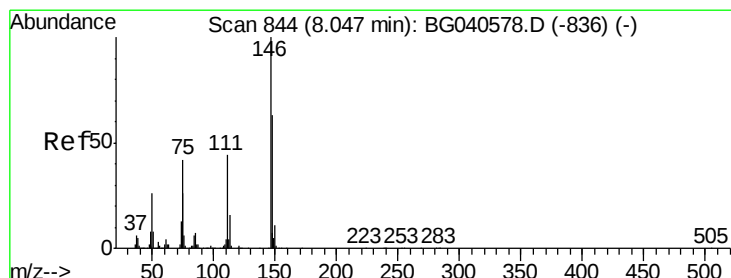
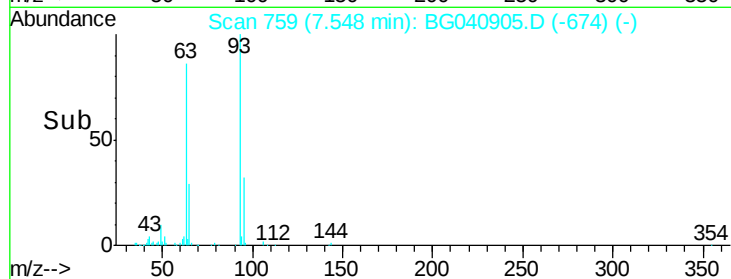
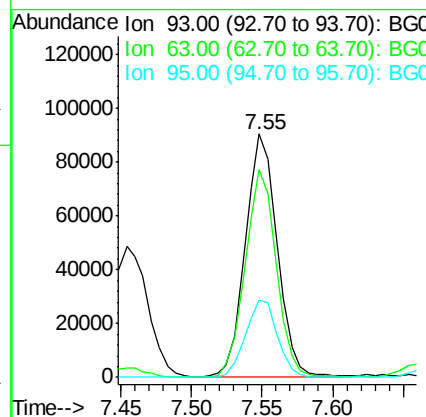
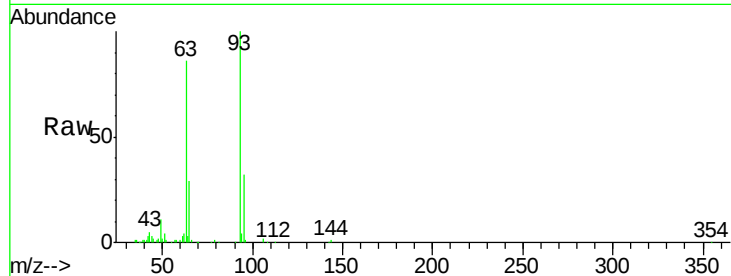
#11
bis(2-Chloroethyl)ether
Concen: 38.466 ng
RT: 7.55 min Scan# 759
Delta R.T. -0.03 min
Lab File: BG040905.D
Acq: 12 May 2019 12:16

Instrument :
BNA_G
ClientSampleId :
P026-SS015-1824-01MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	85.5	68.2	108.2
95	31.8	14.3	54.3

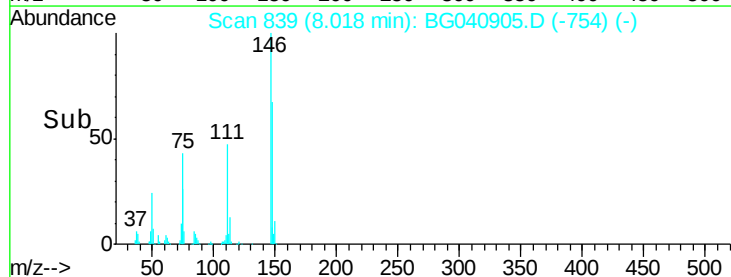
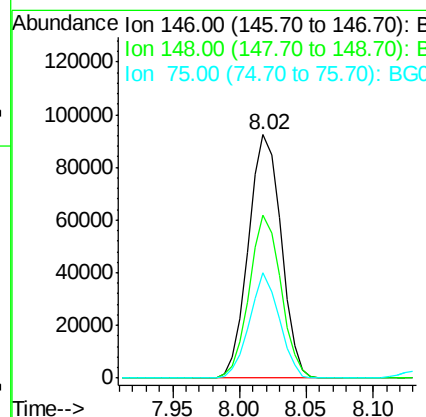
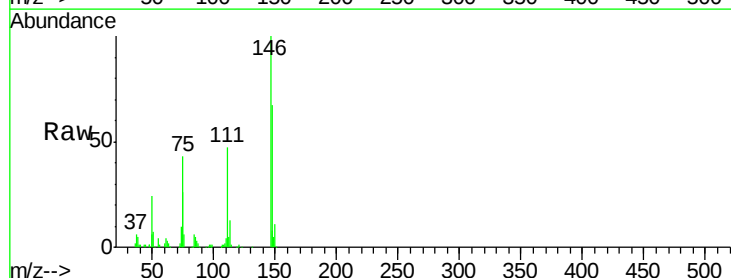
Manual Integrations
APPROVED

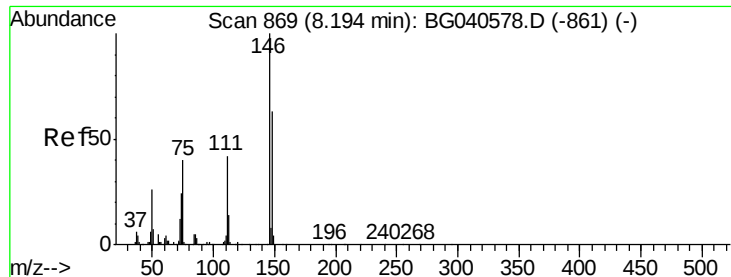
Sohil
5/14/2019 8:01:51 PM



#12
1,3-Dichlorobenzene
Concen: 39.249 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.03 min
Lab File: BG040905.D
Acq: 12 May 2019 12:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	66.7	50.7	76.1
75	43.4	33.4	50.2





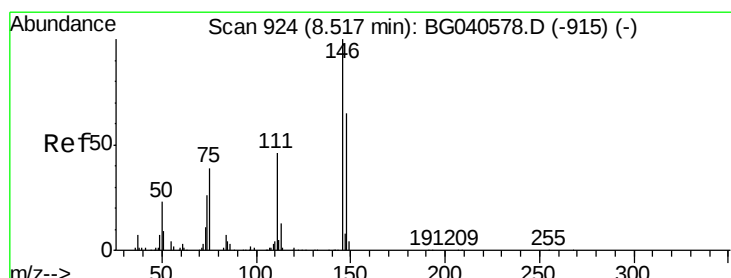
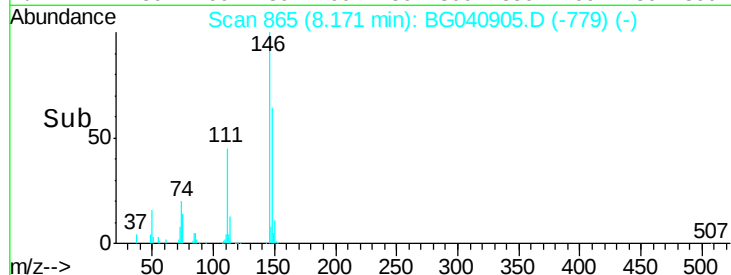
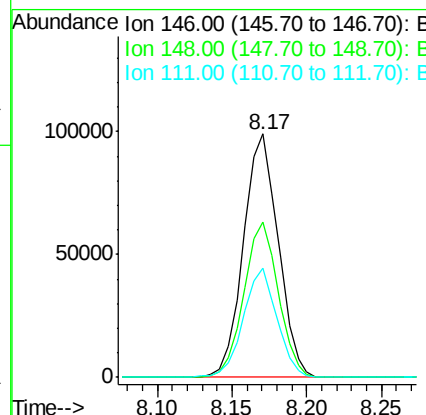
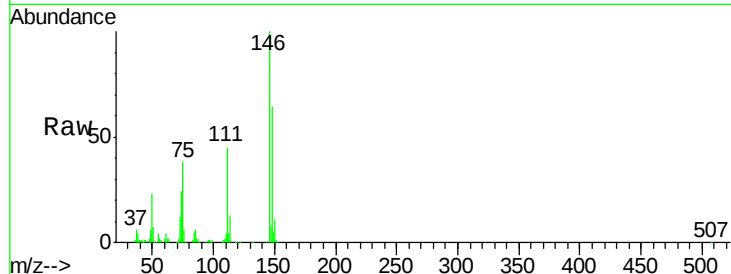
#13
 1,4-Dichlorobenzene
 Concen: 39.691 ng
 RT: 8.17 min Scan# 865
 Delta R.T. -0.02 min
 Lab File: BG040905.D
 Acq: 12 May 2019 12:16

Instrument :
 BNA_G
 ClientSampleId :
 P026-SS015-1824-01MS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.6	75.8
111	44.8	34.3	51.5

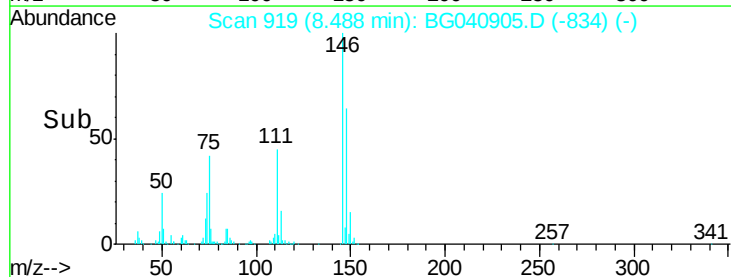
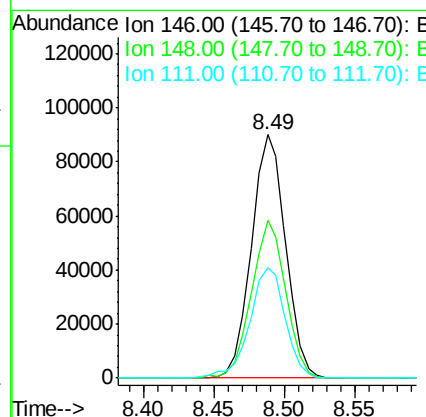
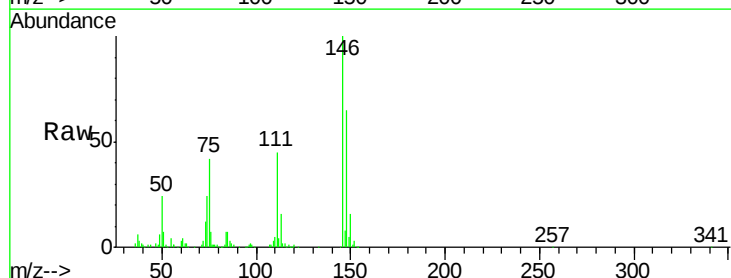
Manual Integrations
 APPROVED

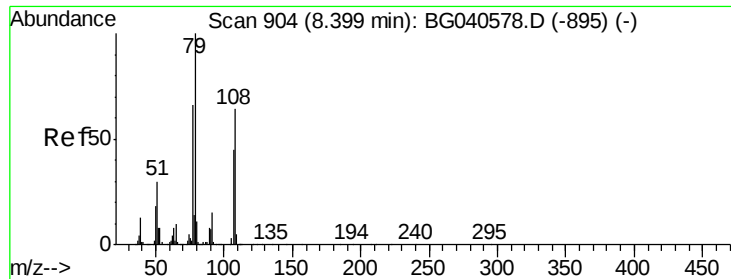
Sohil
 5/14/2019 8:01:51 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.384 ng
 RT: 8.49 min Scan# 919
 Delta R.T. -0.03 min
 Lab File: BG040905.D
 Acq: 12 May 2019 12:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.2	78.4
111	45.2	37.4	56.0





#15

Benzyl Alcohol

Concen: 37.382 ng

RT: 8.37 min Scan# 899

Delta R.T. -0.03 min

Lab File: BG040905.D

Acq: 12 May 2019 12:16

Instrument :

BNA_G

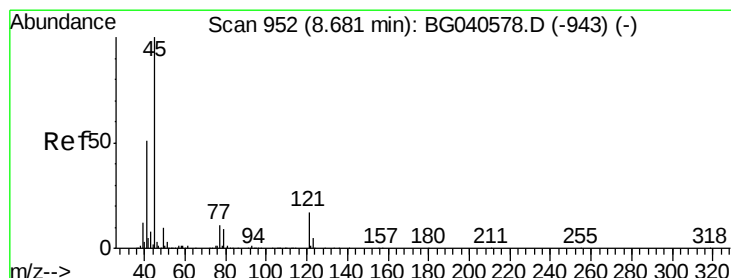
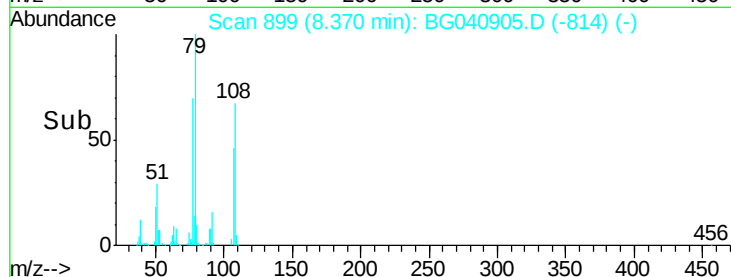
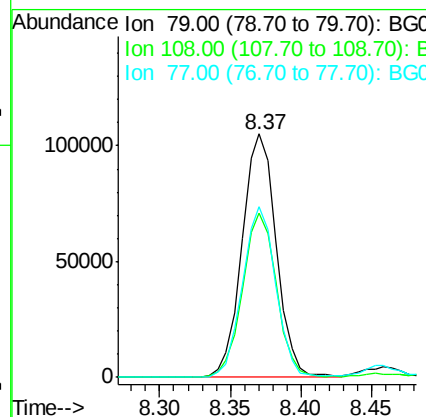
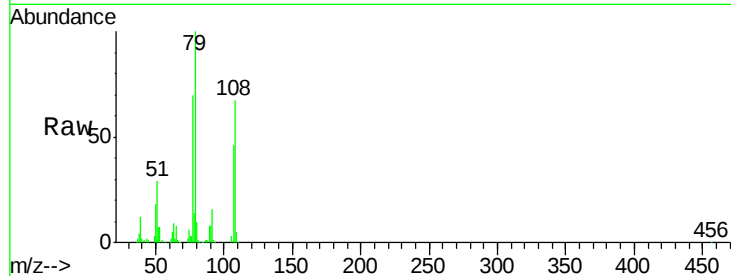
ClientSampleId :

P026-SS015-1824-01MS

Tgt Ion:	79	Resp:	178576
Ion Ratio	Lower	Upper	
79	100		
108	67.3	51.4	77.0
77	70.1	52.6	79.0

Manual Integrations
APPROVED

Sohil
5/14/2019 8:01:51 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.773 ng

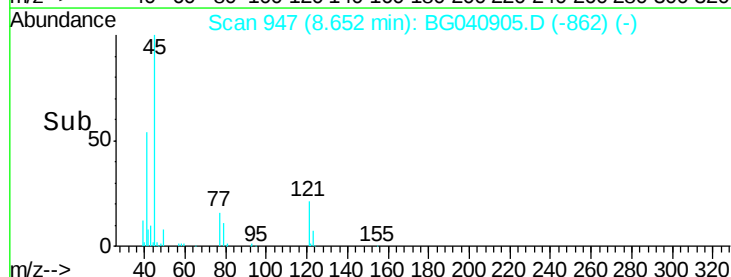
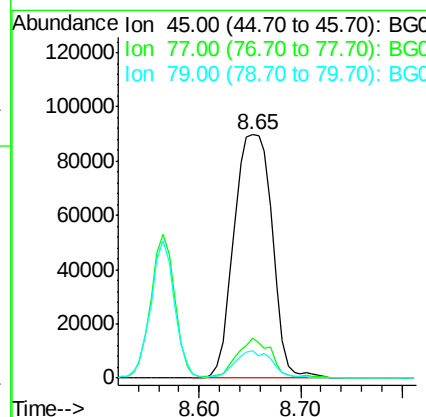
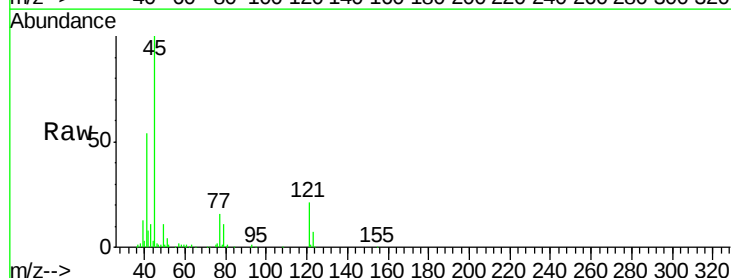
RT: 8.65 min Scan# 947

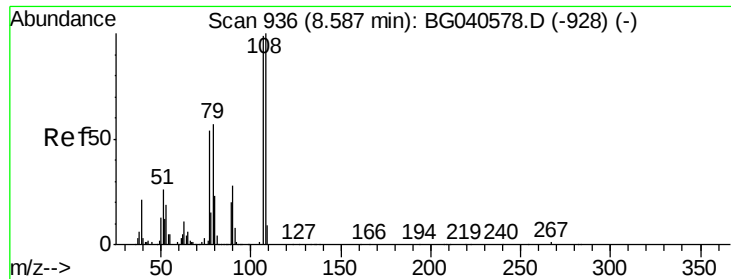
Delta R.T. -0.03 min

Lab File: BG040905.D

Acq: 12 May 2019 12:16

Tgt Ion:	45	Resp:	234110
Ion Ratio	Lower	Upper	
45	100		
77	16.2	0.0	31.5
79	11.2	0.0	29.4





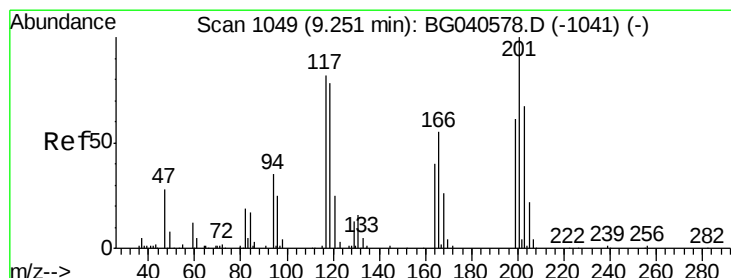
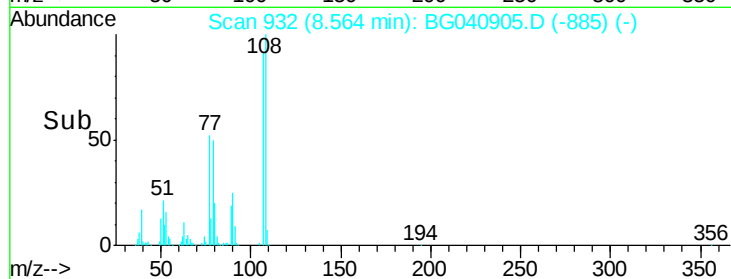
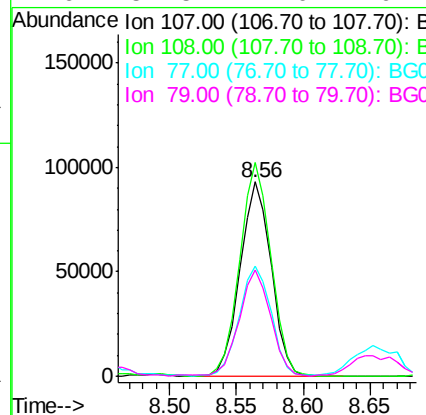
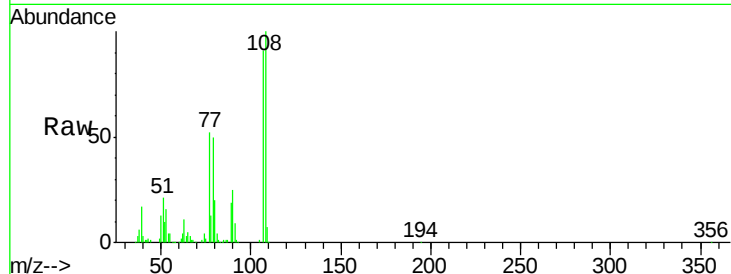
#17
2-Methylphenol
Concen: 43.020 ng
RT: 8.56 min Scan# 932
Delta R.T. -0.02 min
Lab File: BG040905.D
Acq: 12 May 2019 12:16

Instrument :
BNA_G
ClientSampleId :
P026-SS015-1824-01MS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.8	81.2	121.8	
77	56.7	44.4	66.6	
79	54.5	47.0	70.4	

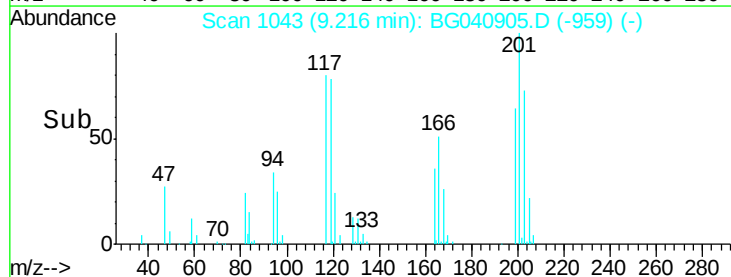
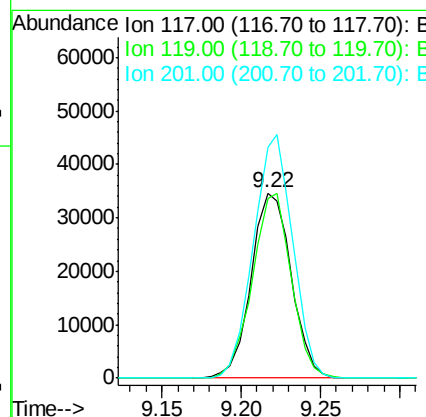
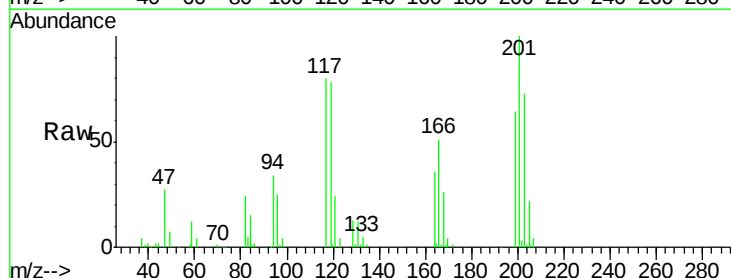
Manual Integrations
APPROVED

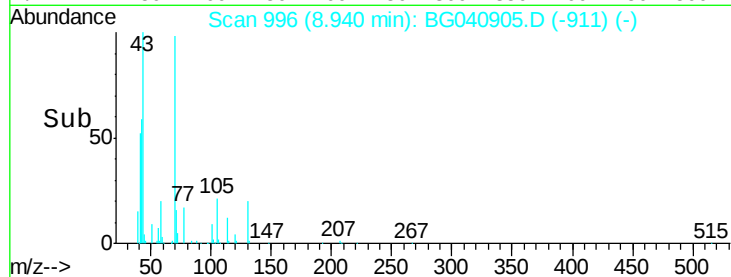
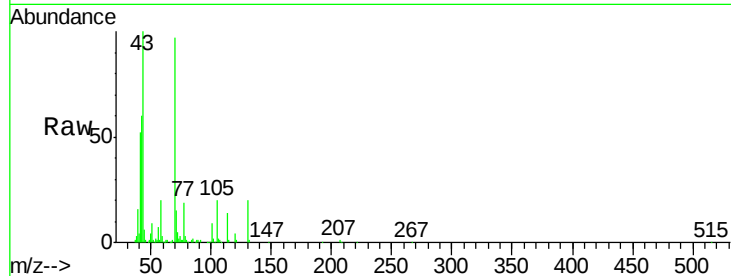
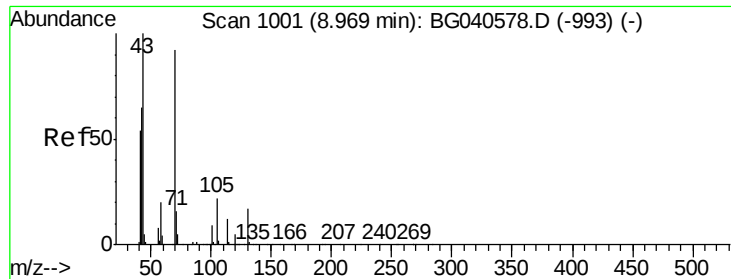
Sohil
5/14/2019 8:01:51 PM



#18
Hexachloroethane
Concen: 36.740 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BG040905.D
Acq: 12 May 2019 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.1	76.6	114.8	
201	124.6	101.0	151.6	





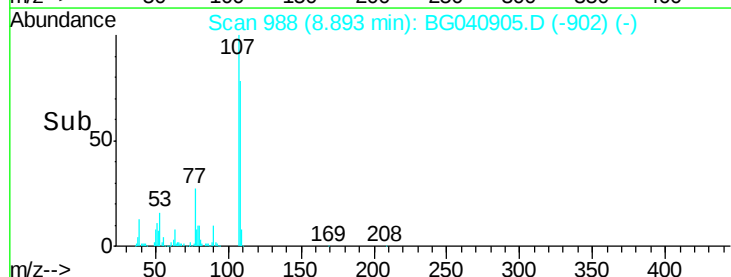
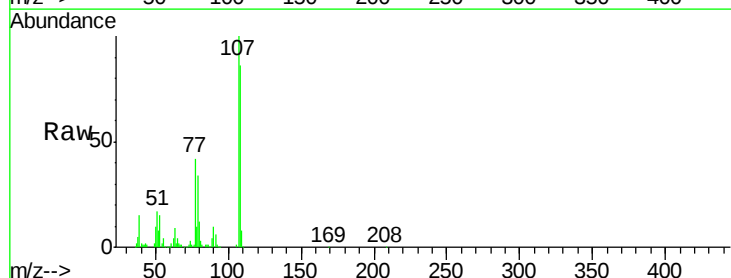
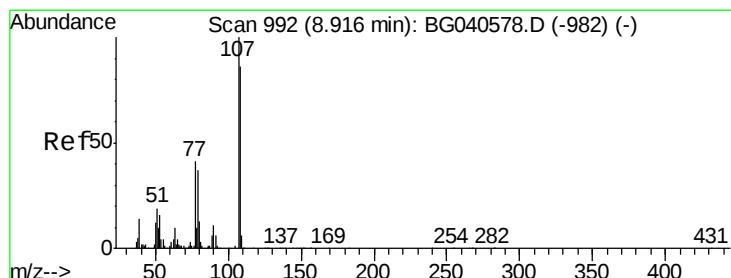
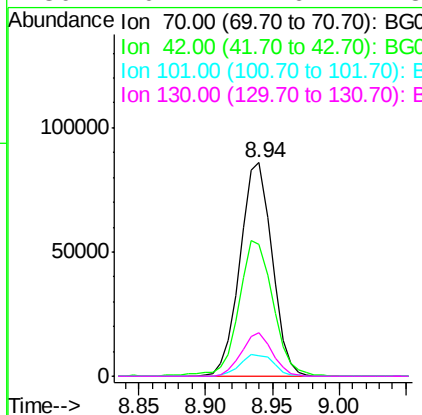
#19
n-Nitroso-di-n-propylamine
Concen: 34.534 ng
RT: 8.94 min Scan# 996
Delta R.T. -0.03 min
Lab File: BG040905.D
Acq: 12 May 2019 12:16

Instrument :
BNA_G
ClientSampleId :
P026-SS015-1824-01MS

Manual Integrations
APPROVED

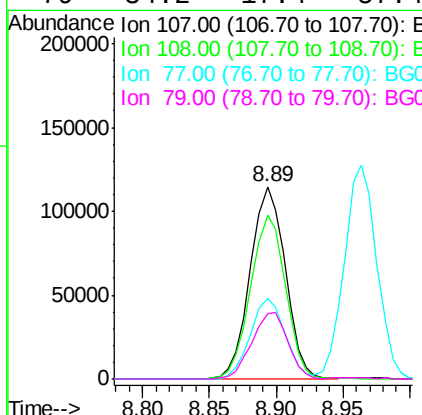
Sohil
5/14/2019 8:01:51 PM

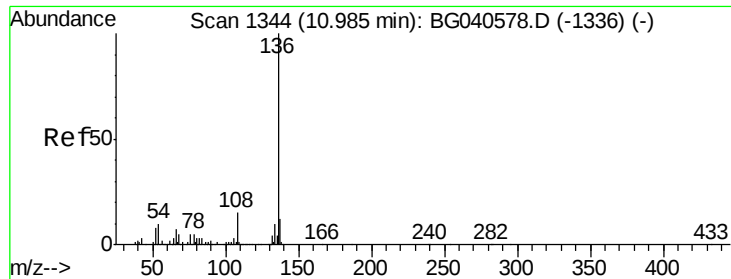
Tgt Ion	Ratio	Resp	Lower	Upper
70	100	142721		
42	62.0	57.1	85.7	
101	9.3	7.8	11.8	
130	20.4	14.6	21.8	



#20
3+4-Methylphenols
Concen: 42.831 ng
RT: 8.89 min Scan# 988
Delta R.T. -0.02 min
Lab File: BG040905.D
Acq: 12 May 2019 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	208390		
108	85.6	66.1	106.1	
77	41.7	21.6	61.6	
79	34.2	17.4	57.4	





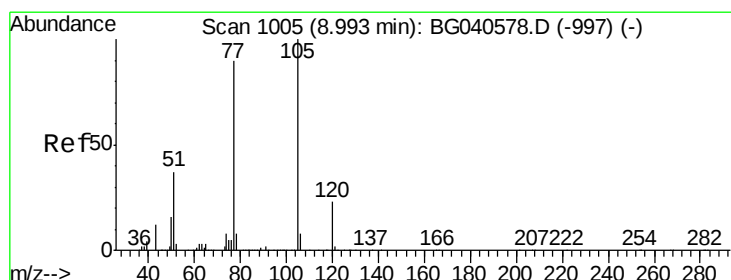
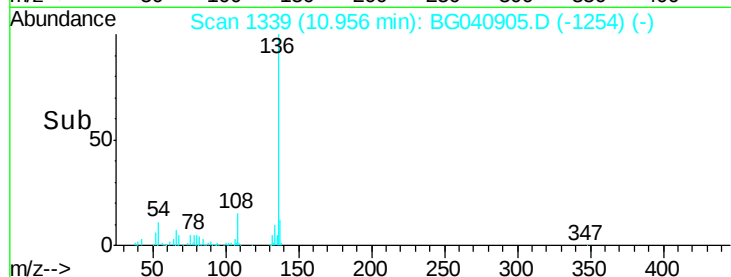
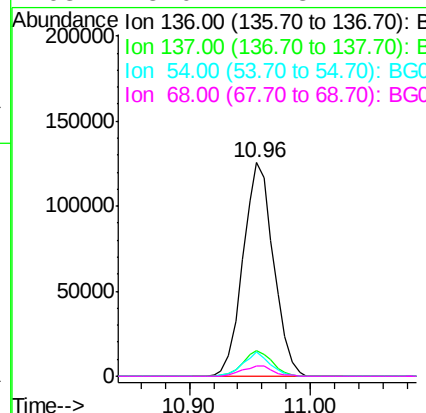
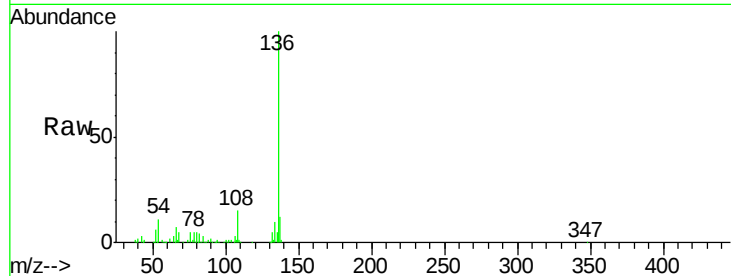
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1339
Delta R.T. -0.03 min
Lab File: BG040905.D
Acq: 12 May 2019 12:16

Instrument :
BNA_G
ClientSampleId :
P026-SS015-1824-01MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	220155		
137	12.3	9.7	14.5	
54	11.2	8.6	12.8	
68	5.0	4.8	7.2	

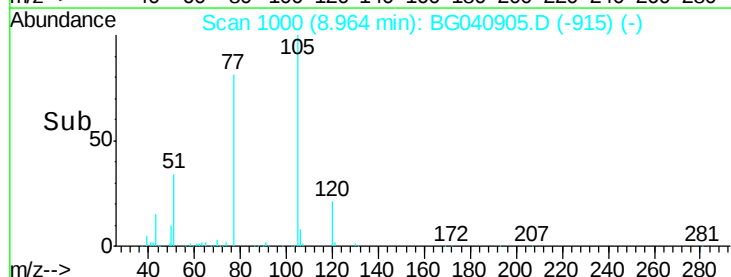
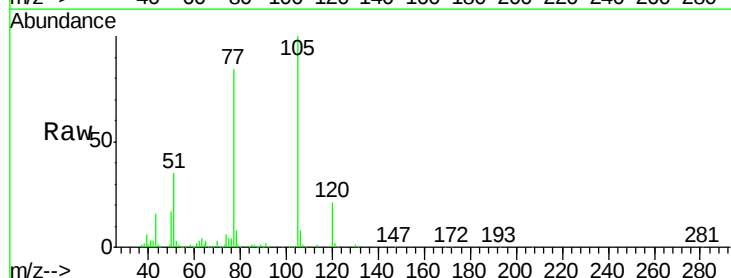
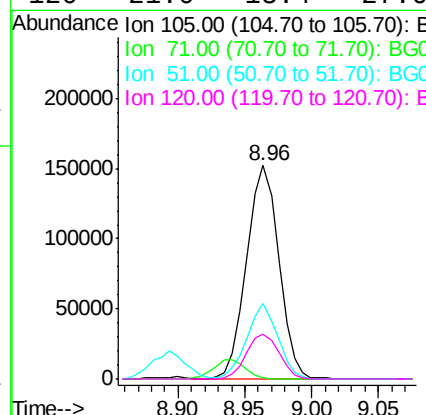
Manual Integrations
APPROVED

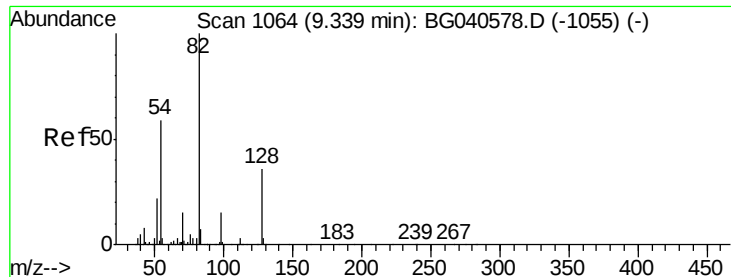
Sohil
5/14/2019 8:01:51 PM



#22
Acetophenone
Concen: 41.499 ng
RT: 8.96 min Scan# 1000
Delta R.T. -0.03 min
Lab File: BG040905.D
Acq: 12 May 2019 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	254055		
71	0.4	1.8	2.8#	
51	35.2	29.8	44.8	
120	21.0	18.4	27.6	





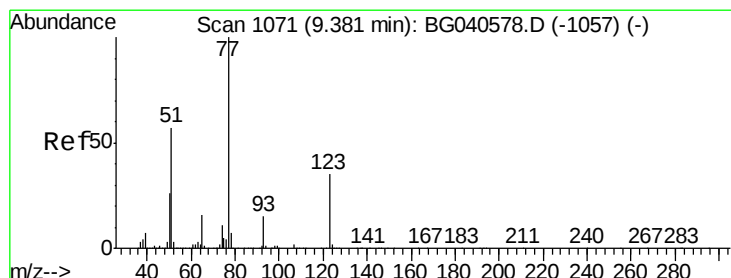
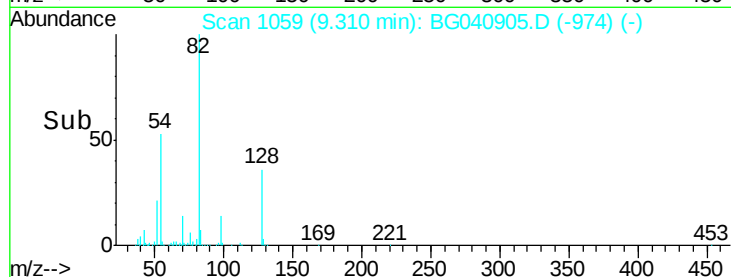
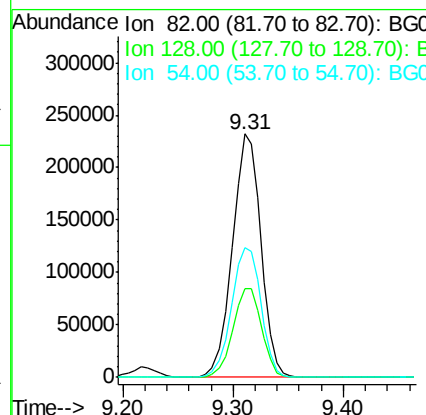
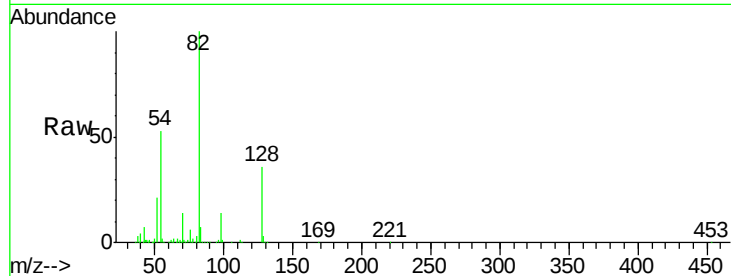
#23
 Nitrobenzene-d5
 Concen: 88.097 ng
 RT: 9.31 min Scan# 1059
 Delta R.T. -0.03 min
 Lab File: BG040905.D
 Acq: 12 May 2019 12:16

Instrument :
 BNA_G
 ClientSampleId :
 P026-SS015-1824-01MS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.5	28.9	43.3
54	53.5	47.2	70.8

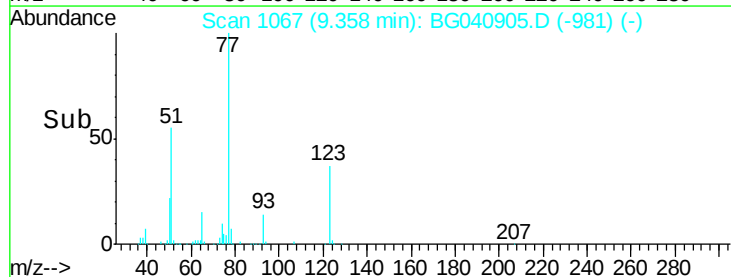
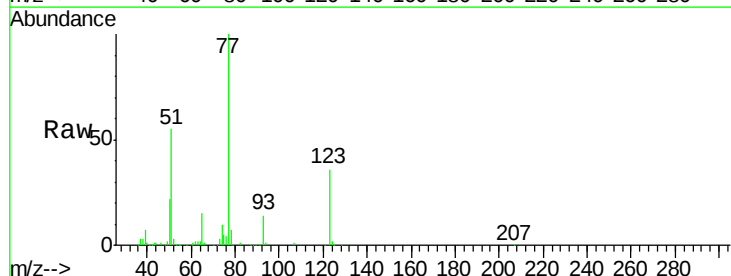
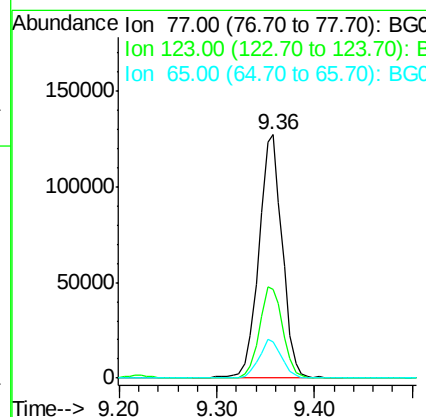
Manual Integrations
 APPROVED

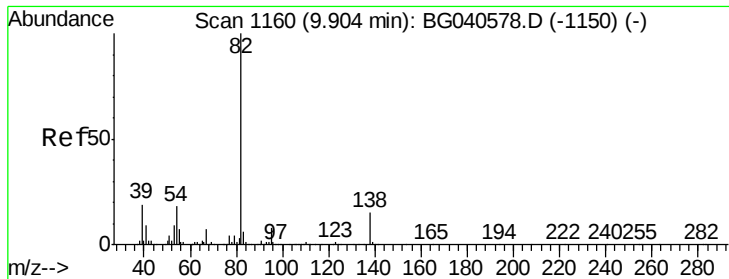
Sohil
 5/14/2019 8:01:51 PM



#24
 Nitrobenzene
 Concen: 42.211 ng
 RT: 9.36 min Scan# 1067
 Delta R.T. -0.02 min
 Lab File: BG040905.D
 Acq: 12 May 2019 12:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.5	27.8	41.6
65	15.0	12.4	18.6





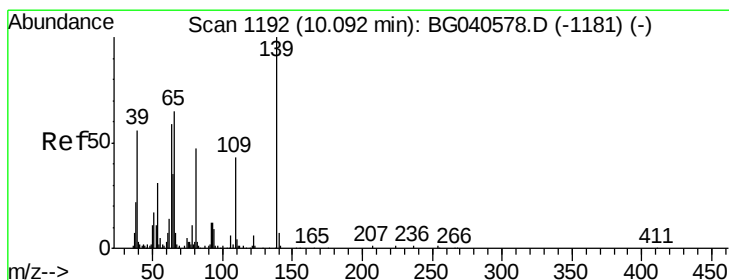
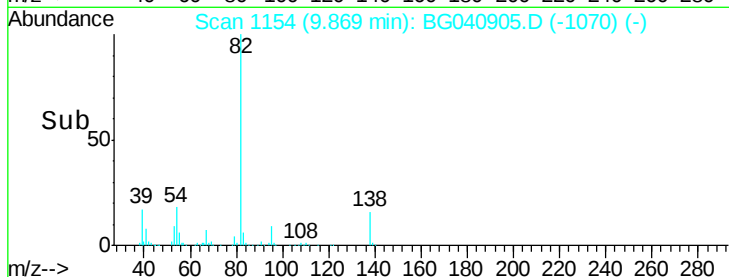
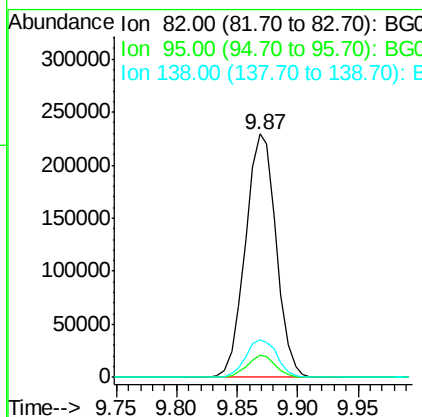
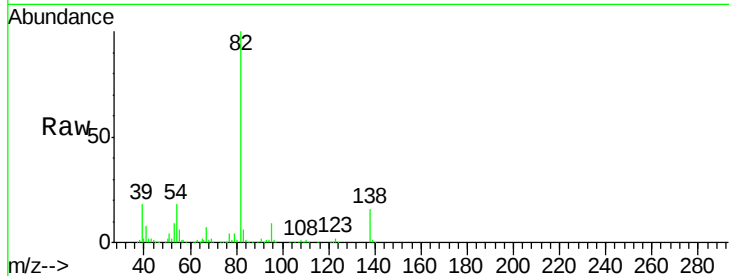
#25
Isophorone
Concen: 38.360 ng
RT: 9.87 min Scan# 1154
Delta R.T. -0.03 min
Lab File: BG040905.D
Acq: 12 May 2019 12:16

Instrument :
BNA_G
ClientSampleId :
P026-SS015-1824-01MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
95	8.9	6.9	10.3
138	15.6	12.3	18.5

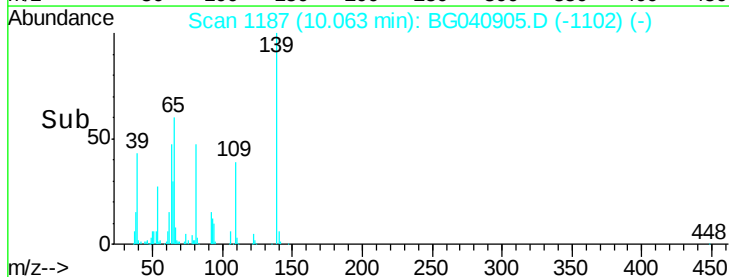
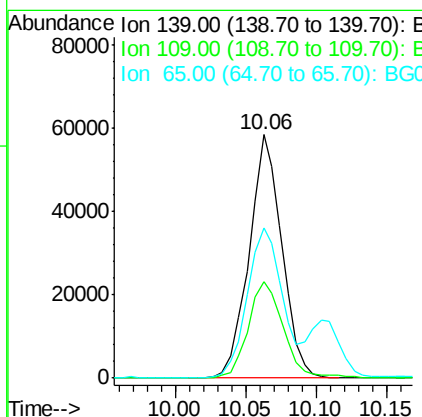
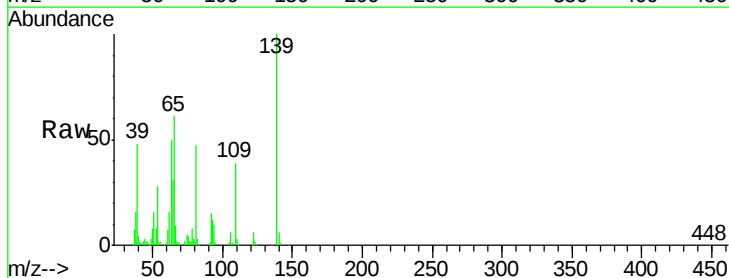
Manual Integrations
APPROVED

Sohil
5/14/2019 8:01:51 PM



#26
2-Nitrophenol
Concen: 52.164 ng
RT: 10.06 min Scan# 1187
Delta R.T. -0.03 min
Lab File: BG040905.D
Acq: 12 May 2019 12:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
139	100		
109	39.4	35.6	53.4
65	61.4	52.3	78.5





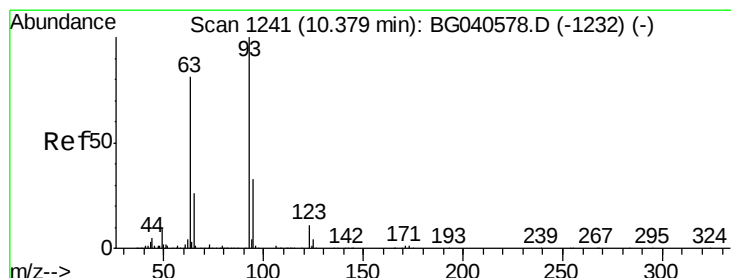
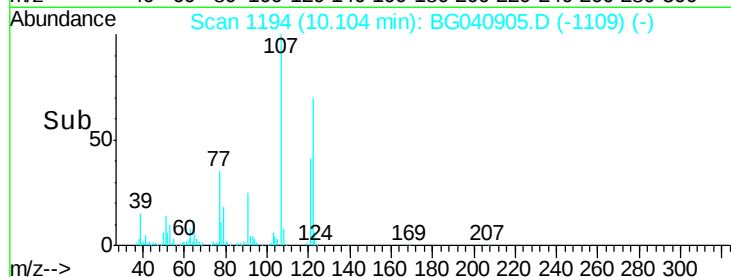
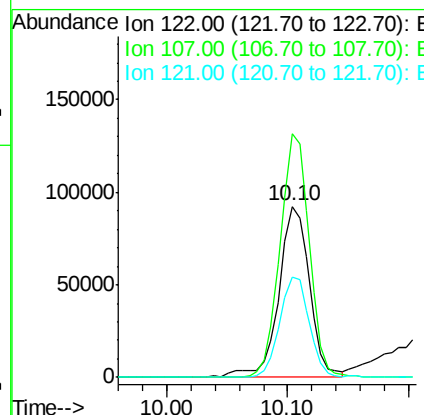
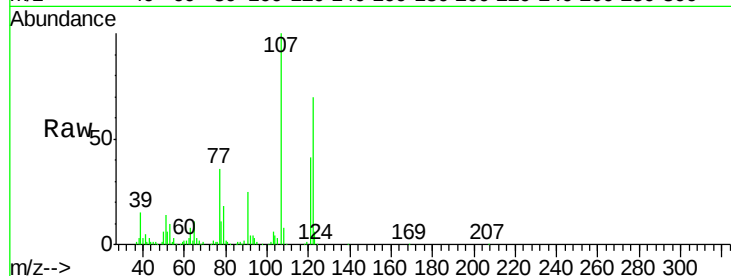
#27
2,4-Dimethylphenol
Concen: 47.372 ng
RT: 10.10 min Scan# 1194
Delta R.T. -0.03 min
Lab File: BG040905.D
Acq: 12 May 2019 12:16

Instrument :
BNA_G
ClientSampleId :
P026-SS015-1824-01MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	161965		
107	142.2	110.1	165.1	
121	58.8	49.4	74.0	

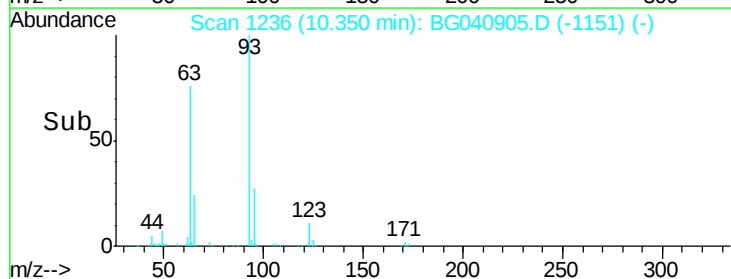
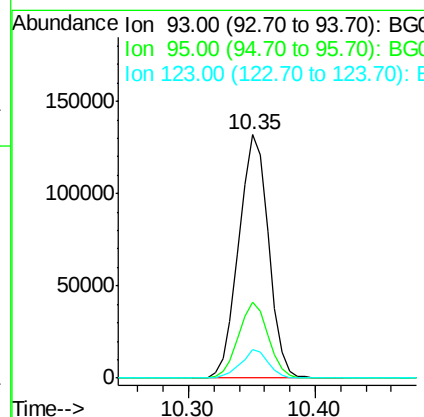
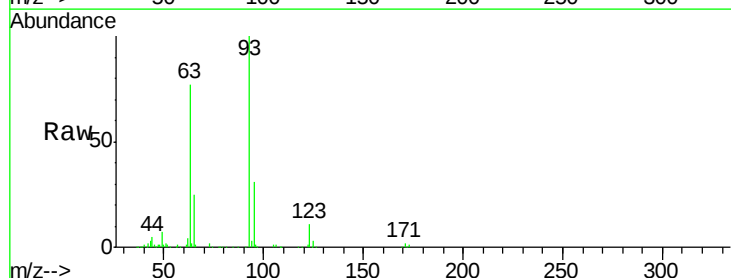
Manual Integrations
APPROVED

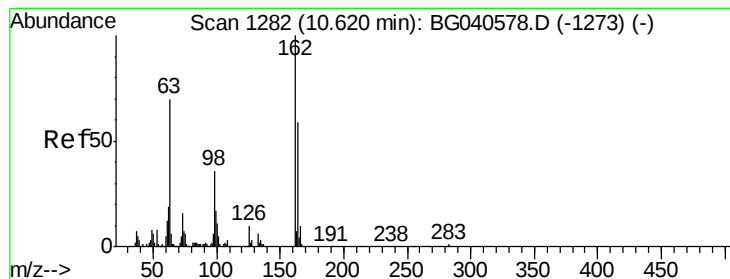
Sohil
5/14/2019 8:01:51 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.217 ng
RT: 10.35 min Scan# 1236
Delta R.T. -0.03 min
Lab File: BG040905.D
Acq: 12 May 2019 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	214150		
95	31.1	26.6	40.0	
123	11.5	9.0	13.4	





#29

2,4-Dichlorophenol

Concen: 48.325 ng

RT: 10.59 min Scan# 1277

Delta R.T. -0.03 min

Lab File: BG040905.D

Acq: 12 May 2019 12:16

Instrument :

BNA_G

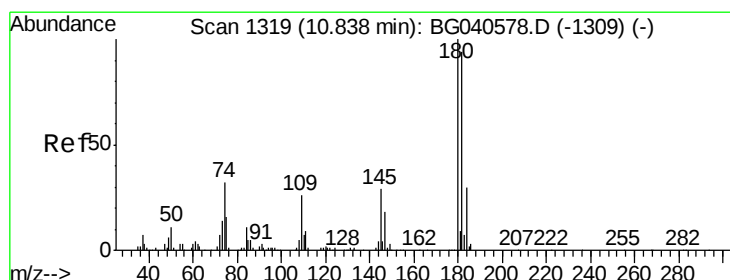
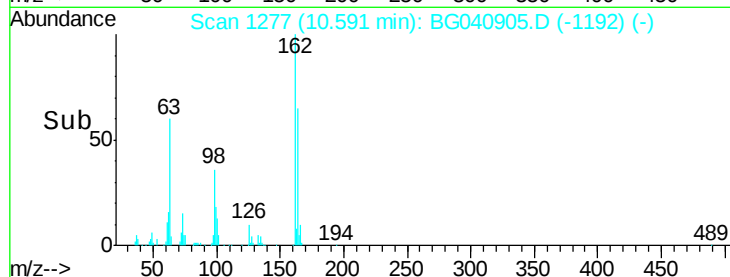
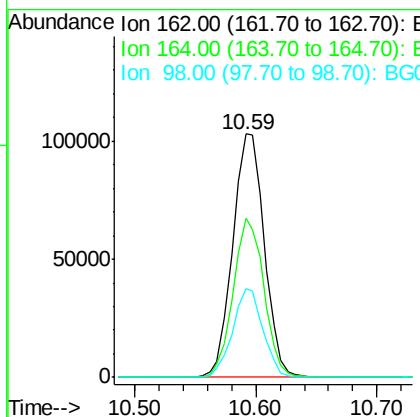
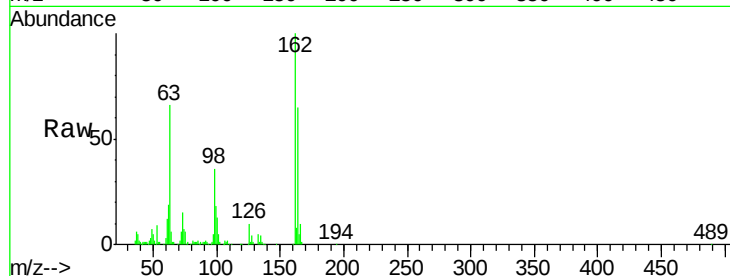
ClientSampleId :

P026-SS015-1824-01MS

Tgt	Ion	162	Resp:	187840
Ion	Ratio	Lower	Upper	
162	100			
164	65.1	38.9	78.9	
98	36.4	16.8	56.8	

Manual Integrations
APPROVED

Sohil
5/14/2019 8:01:51 PM



#30

1,2,4-Trichlorobenzene

Concen: 45.008 ng

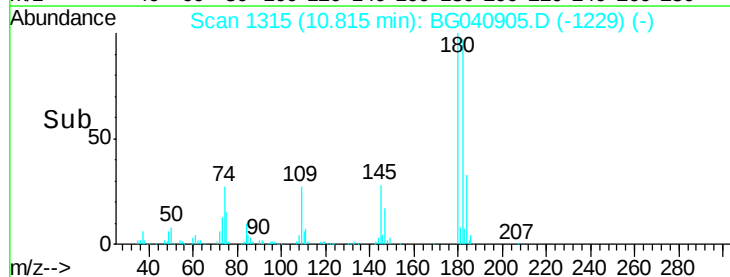
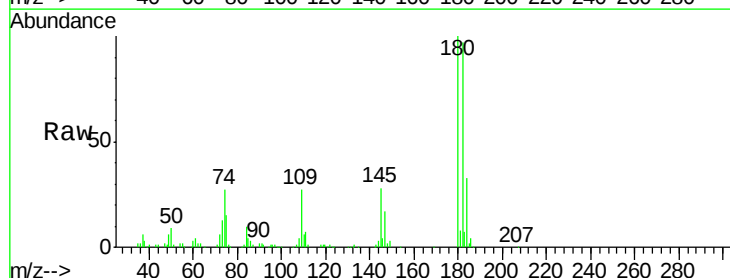
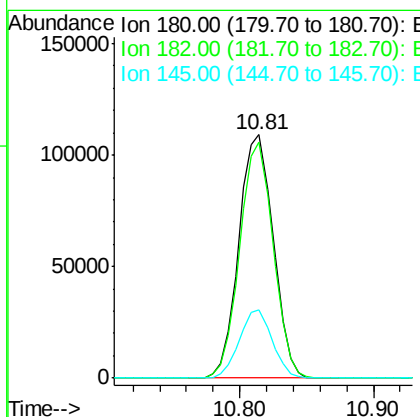
RT: 10.81 min Scan# 1315

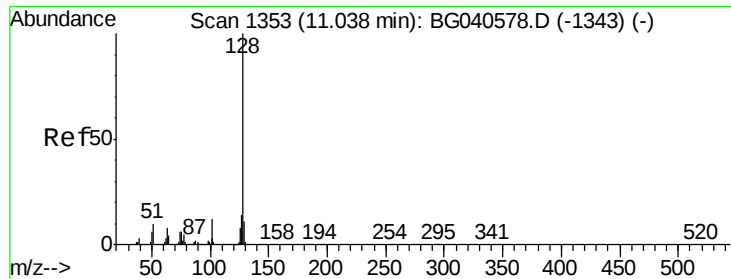
Delta R.T. -0.02 min

Lab File: BG040905.D

Acq: 12 May 2019 12:16

Tgt	Ion	180	Resp:	194005
Ion	Ratio	Lower	Upper	
180	100			
182	96.9	75.2	112.8	
145	27.8	23.6	35.4	





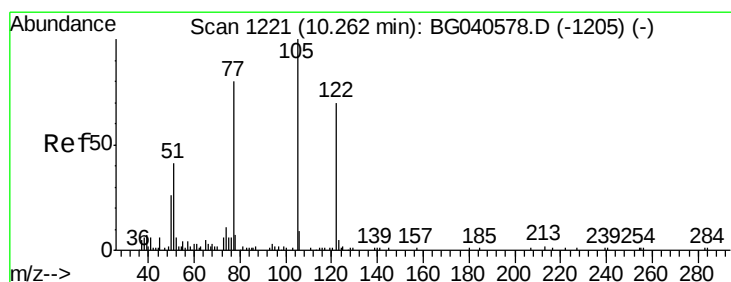
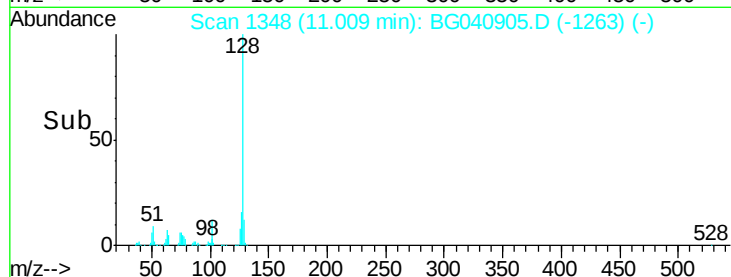
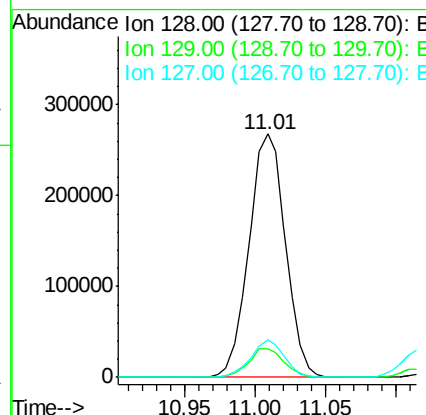
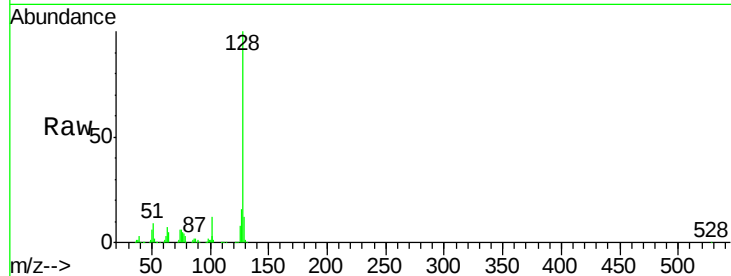
#31
Naphthalene
Concen: 41.385 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.03 min
Lab File: BG040905.D
Acq: 12 May 2019 12:16

Instrument :
BNA_G
ClientSampleId :
P026-SS015-1824-01MS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	484051		
129	11.7	9.0	13.6	
127	15.6	11.3	16.9	

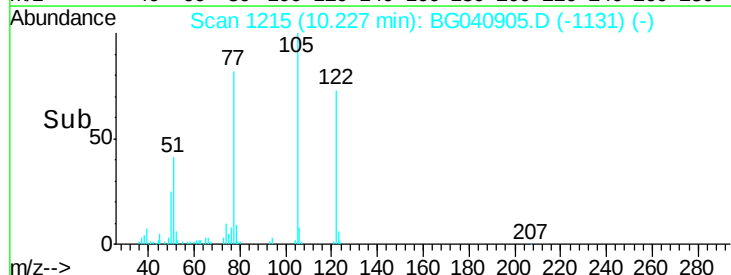
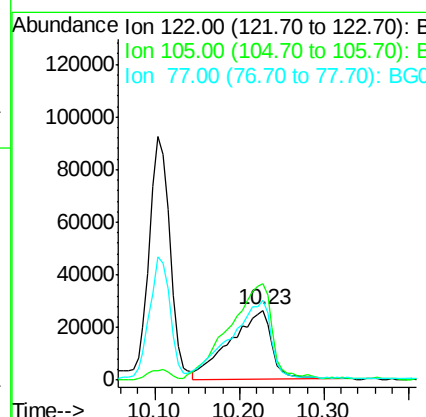
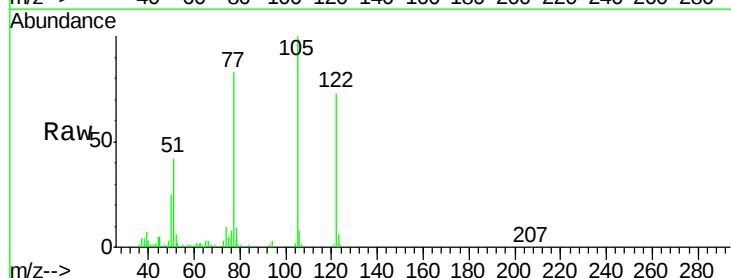
Manual Integrations
APPROVED

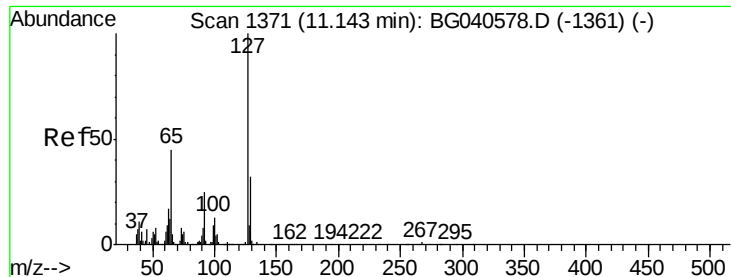
Sohil
5/14/2019 8:01:51 PM



#32
Benzoic acid
Concen: 38.431 ng
RT: 10.23 min Scan# 1215
Delta R.T. -0.03 min
Lab File: BG040905.D
Acq: 12 May 2019 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	89951		
105	137.0	110.9	150.9	
77	113.1	87.6	127.6	





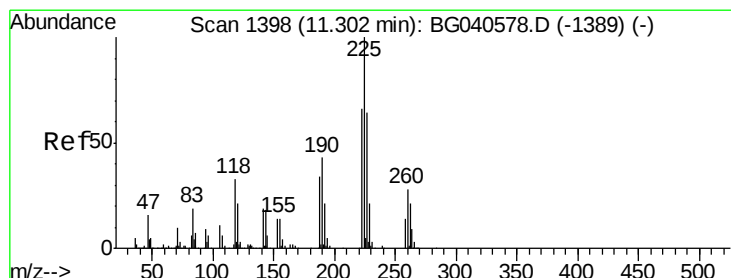
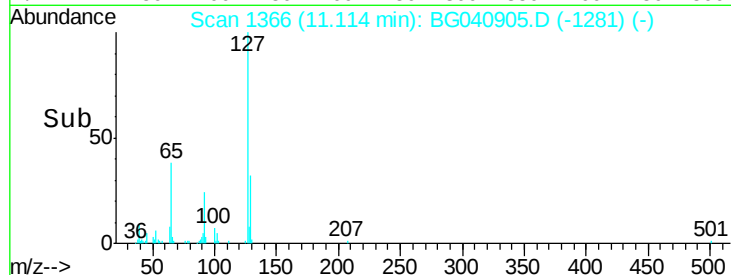
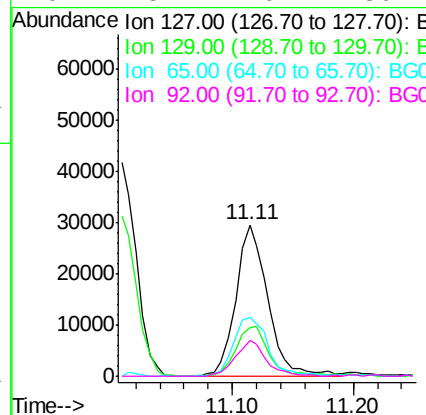
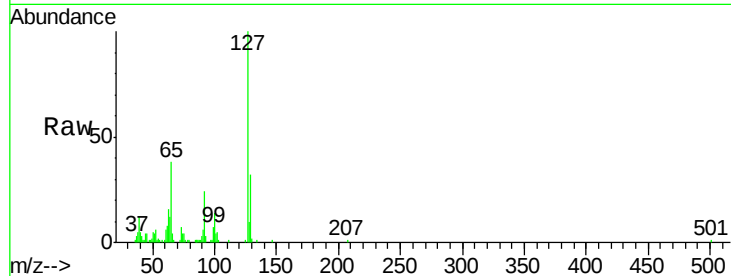
#33
4-Chloroaniline
Concen: 10.571 ng
RT: 11.11 min Scan# 1366
Delta R.T. -0.03 min
Lab File: BG040905.D
Acq: 12 May 2019 12:16

Instrument :
BNA_G
ClientSampleId :
P026-SS015-1824-01MS

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
127	100		54819		
129	32.0	25.7	38.5		
65	38.5	36.1	54.1		
92	23.7	20.1	30.1		

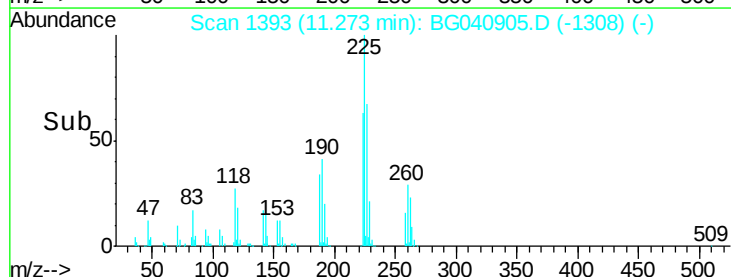
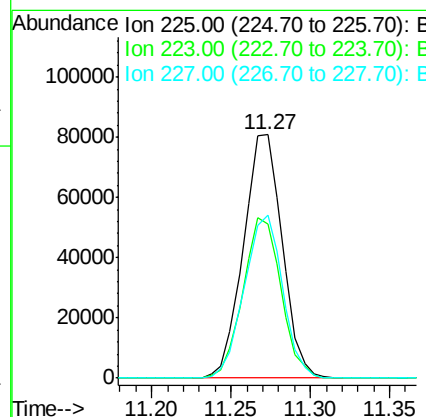
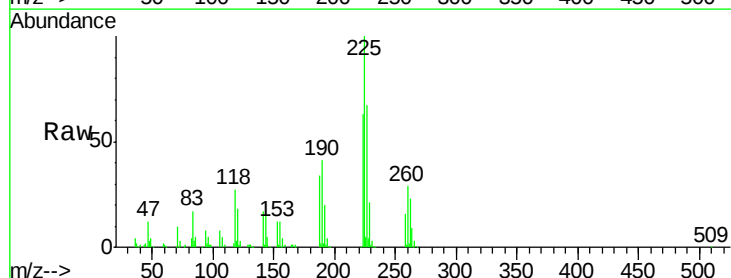
Manual Integrations
APPROVED

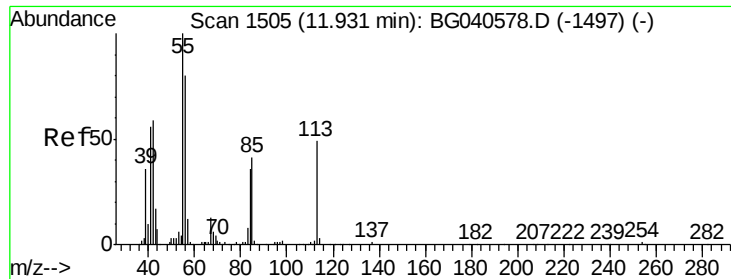
Sohil
5/14/2019 8:01:51 PM



#34
Hexachlorobutadiene
Concen: 43.165 ng
RT: 11.27 min Scan# 1393
Delta R.T. -0.03 min
Lab File: BG040905.D
Acq: 12 May 2019 12:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		137362		
223	63.4	50.4	75.6		
227	66.9	51.0	76.6		





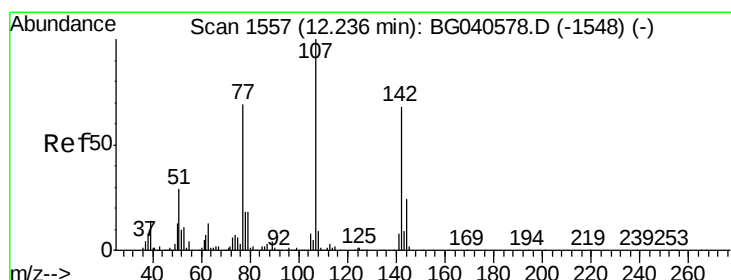
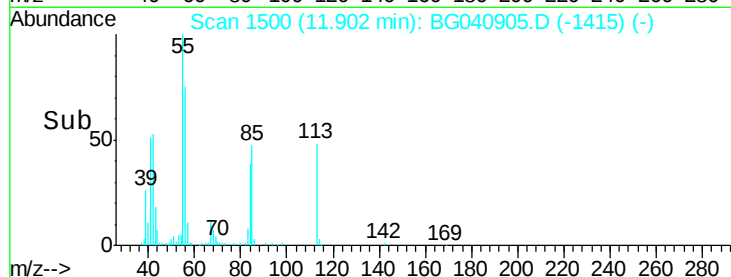
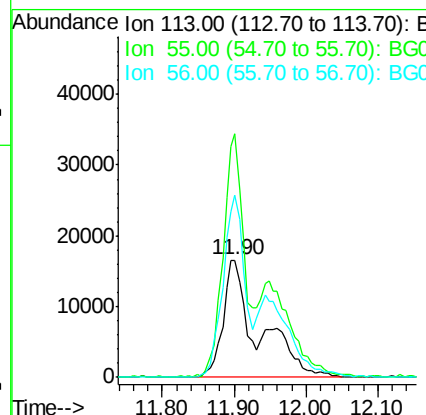
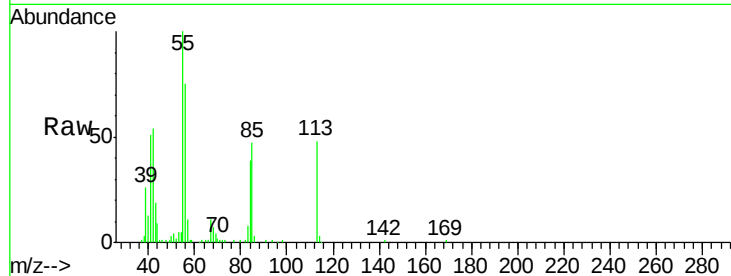
#35
 Caprolactam
 Concen: 36.903 ng m
 RT: 11.90 min Scan# 1500
 Delta R.T. -0.03 min
 Lab File: BG040905.D
 Acq: 12 May 2019 12:16

Instrument :
 BNA_G
 ClientSampleId :
 P026-SS015-1824-01MS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	208.2	198.6	238.6
56	155.6	148.4	188.4

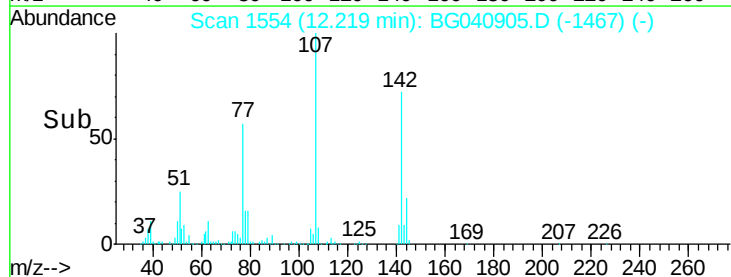
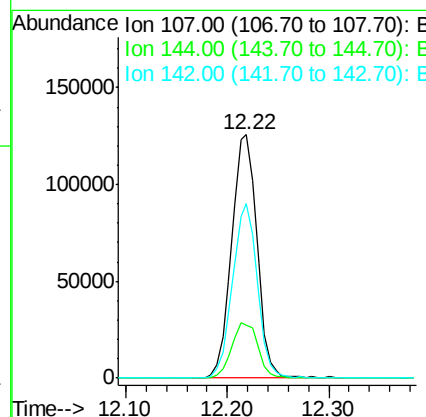
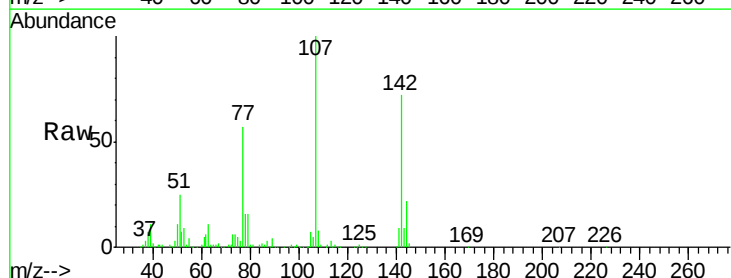
Manual Integrations
 APPROVED

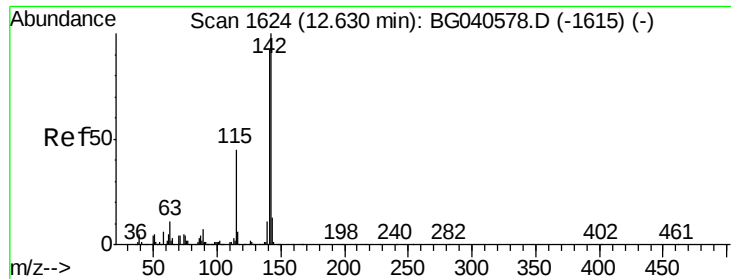
Sohil
 5/14/2019 8:01:51 PM



#36
 4-Chloro-3-methylphenol
 Concen: 44.577 ng
 RT: 12.22 min Scan# 1554
 Delta R.T. -0.02 min
 Lab File: BG040905.D
 Acq: 12 May 2019 12:16

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.5	19.3	28.9
142	71.7	54.6	81.8





#37

2-Methylnaphthalene

Concen: 41.992 ng

RT: 12.60 min Scan# 1619

Delta R.T. -0.03 min

Lab File: BG040905.D

Acq: 12 May 2019 12:16

Instrument :

BNA_G

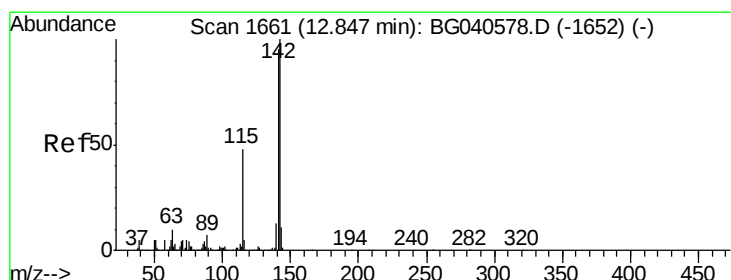
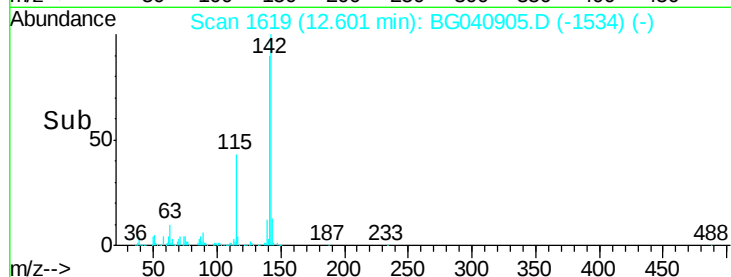
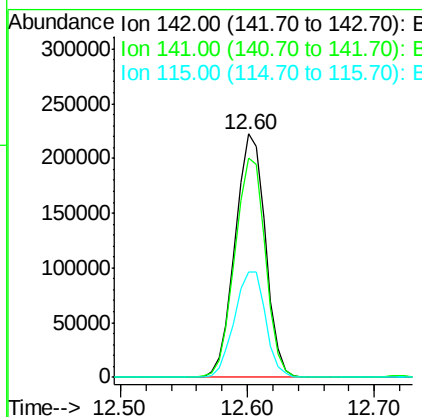
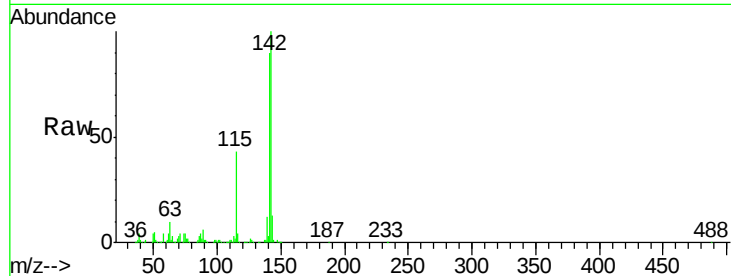
ClientSampleId :

P026-SS015-1824-01MS

Tgt Ion:	142	Resp:	367214
Ion Ratio	Lower	Upper	
142	100		
141	90.2	73.4	110.2
115	43.1	36.2	54.4

Manual Integrations
APPROVED

Sohil
5/14/2019 8:01:51 PM



#38

1-Methylnaphthalene

Concen: 41.365 ng

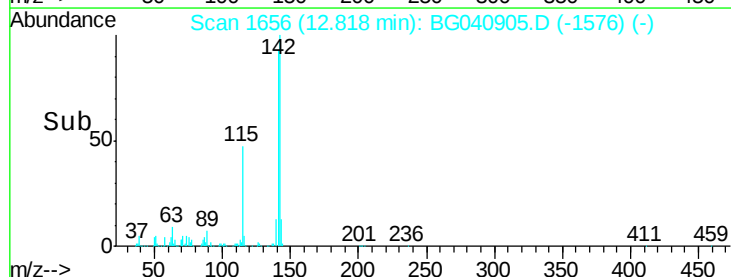
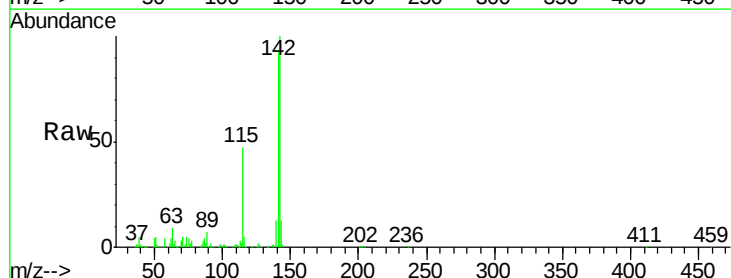
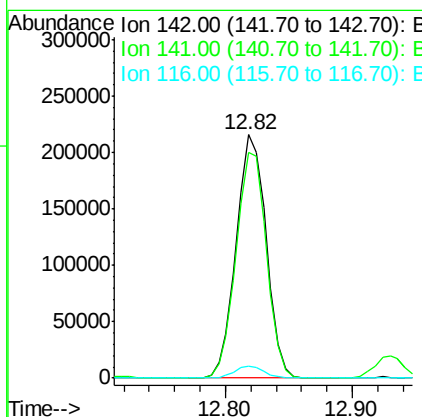
RT: 12.82 min Scan# 1656

Delta R.T. -0.03 min

Lab File: BG040905.D

Acq: 12 May 2019 12:16

Tgt Ion:	142	Resp:	353577
Ion Ratio	Lower	Upper	
142	100		
141	92.8	75.9	113.9
116	4.8	4.2	6.4





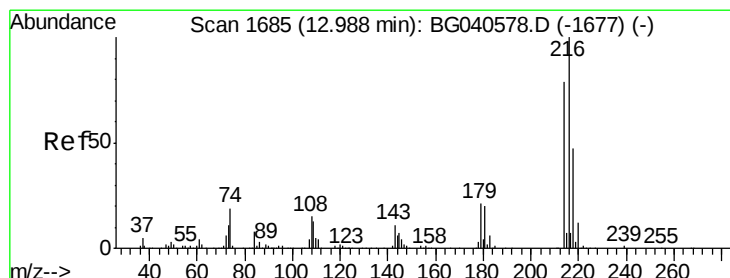
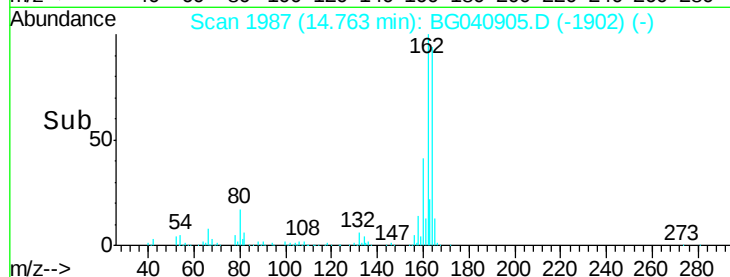
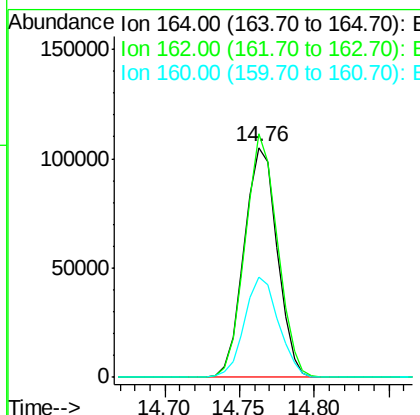
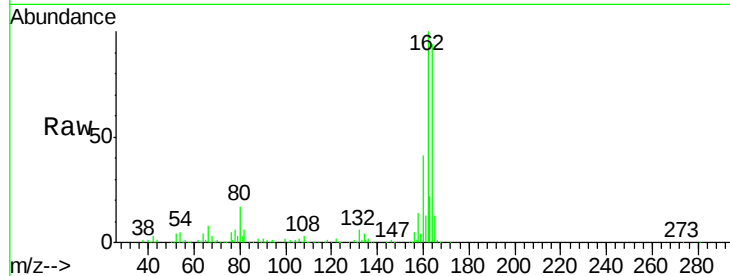
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.03 min
Lab File: BG040905.D
Acq: 12 May 2019 12:16

Instrument :
BNA_G
ClientSampleId :
P026-SS015-1824-01MS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	160913		
162	106.1	81.9	122.9	
160	43.9	35.4	53.2	

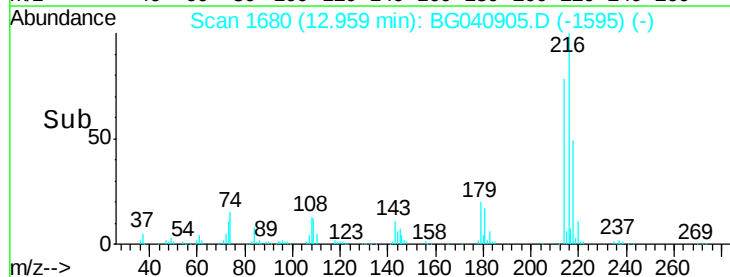
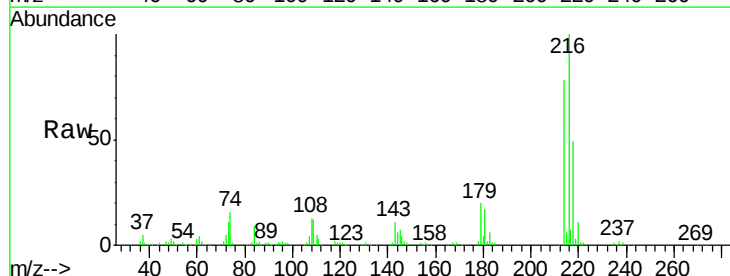
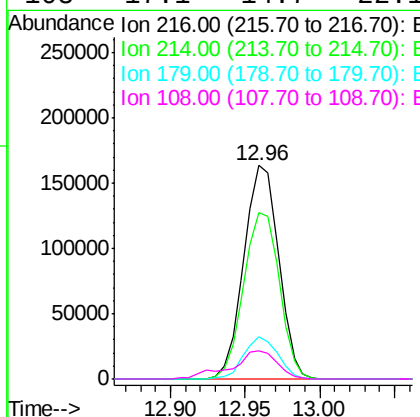
Manual Integrations
APPROVED

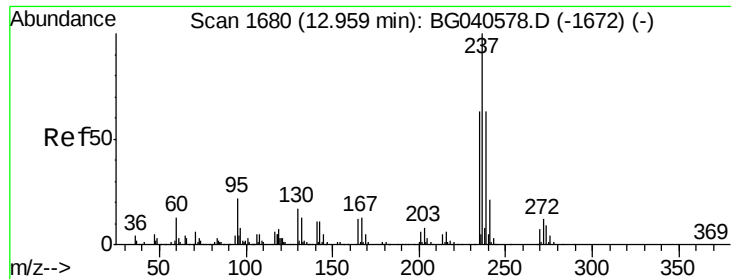
Sohil
5/14/2019 8:01:51 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.110 ng
RT: 12.96 min Scan# 1680
Delta R.T. -0.03 min
Lab File: BG040905.D
Acq: 12 May 2019 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	264412		
214	79.9	63.7	95.5	
179	19.2	16.6	24.8	
108	17.1	14.7	22.1	





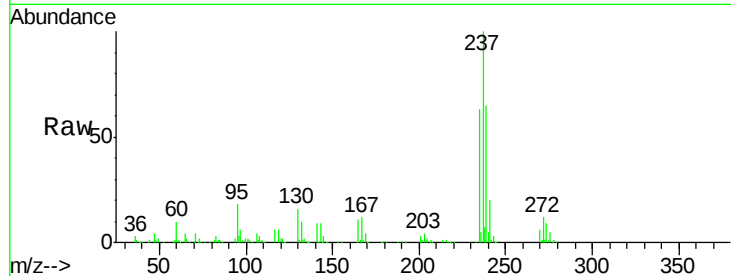
#41
Hexachlorocyclopentadiene
Concen: 91.759 ng
RT: 12.93 min Scan# 1675
Delta R.T. -0.03 min
Lab File: BG040905.D
Acq: 12 May 2019 12:16

Instrument :
BNA_G
ClientSampleId :
P026-SS015-1824-01MS

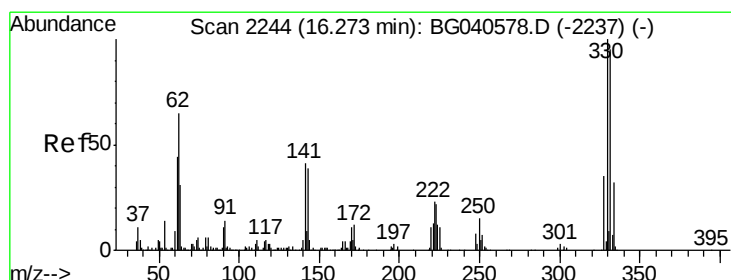
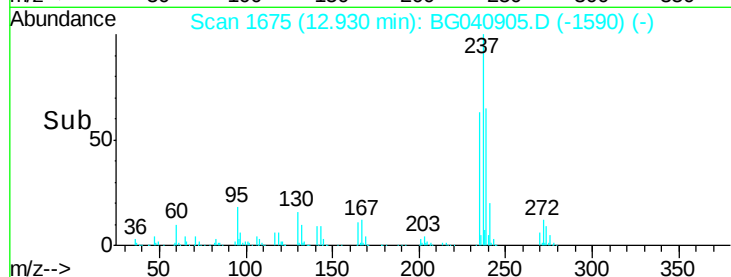
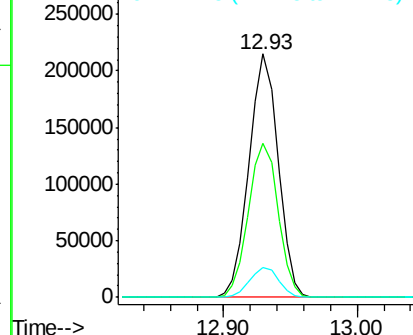
Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.5	42.5	82.5
272	12.4	0.0	31.6

Manual Integrations
APPROVED

Sohil
5/14/2019 8:01:51 PM



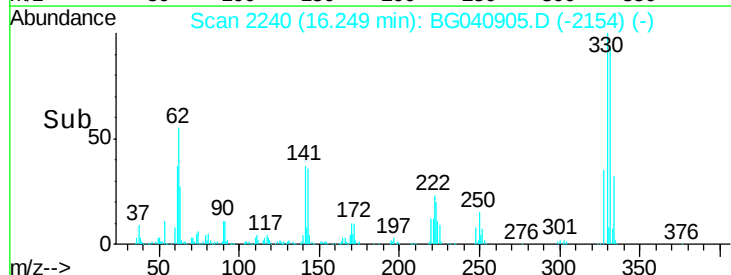
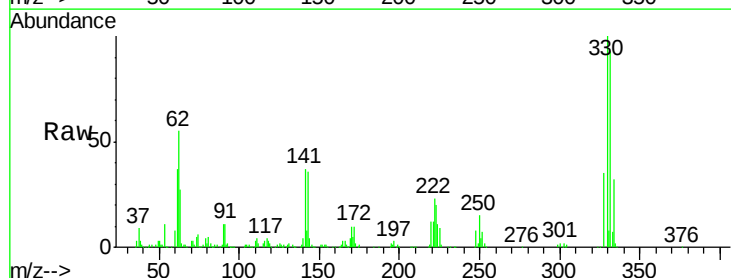
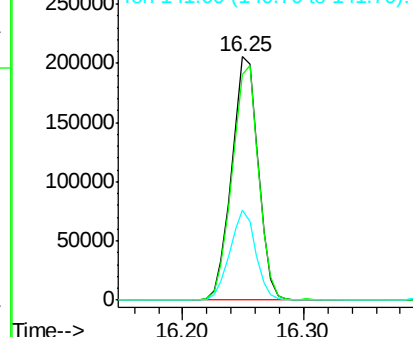
Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 142.213 ng
RT: 16.25 min Scan# 2240
Delta R.T. -0.02 min
Lab File: BG040905.D
Acq: 12 May 2019 12:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	95.7	75.9	113.9
141	35.8	32.4	48.6

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





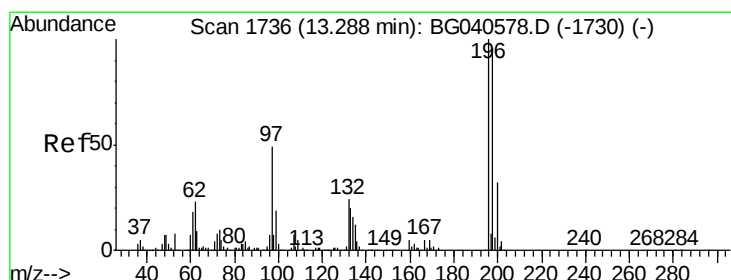
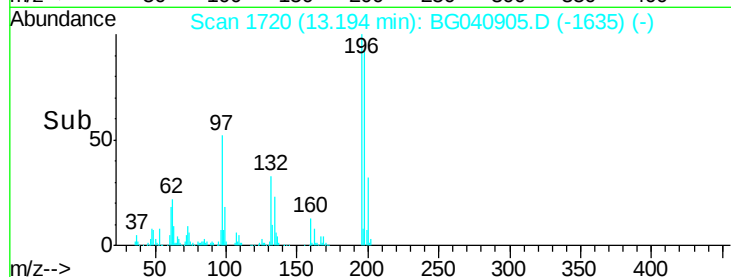
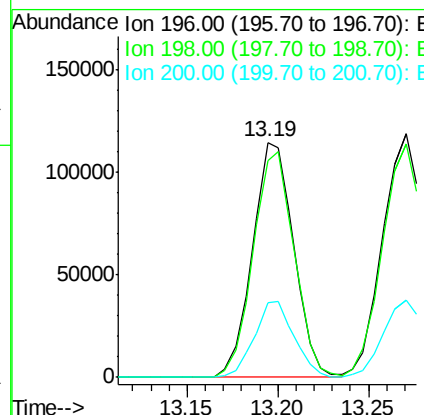
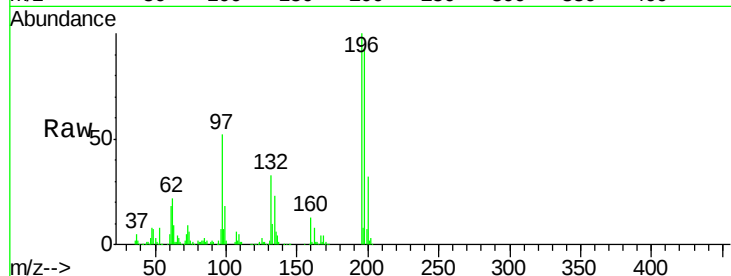
#43
 2,4,6-Trichlorophenol
 Concen: 49.974 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. -0.03 min
 Lab File: BG040905.D
 Acq: 12 May 2019 12:16

Instrument :
 BNA_G
 ClientSampleId :
 P026-SS015-1824-01MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	181030		
198	92.1	74.8	112.2	
200	31.5	24.9	37.3	

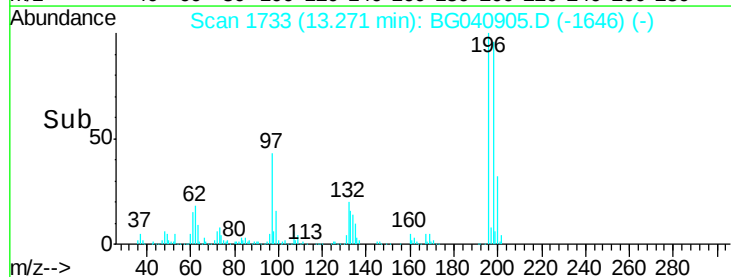
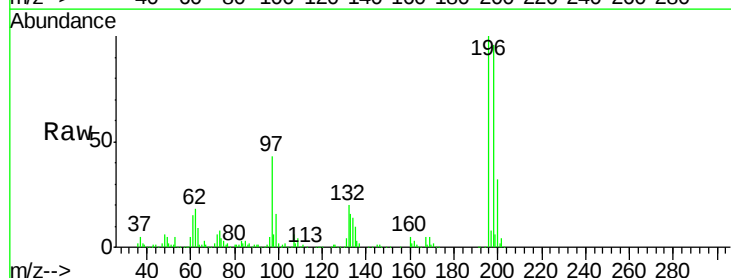
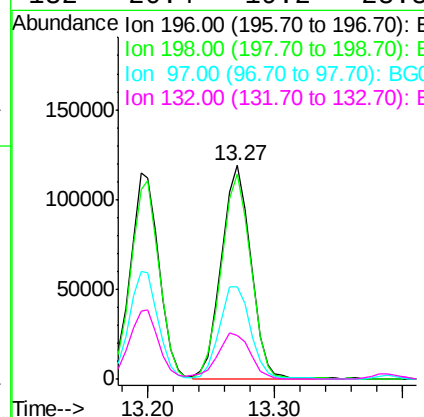
Manual Integrations
 APPROVED

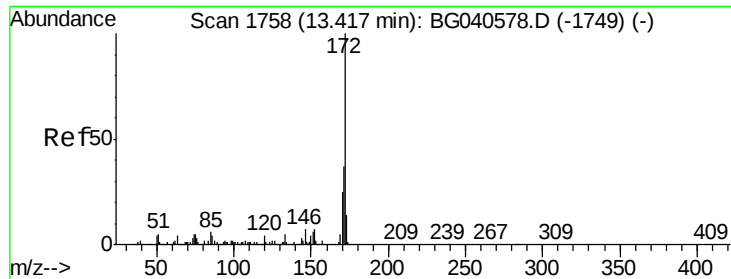
Sohil
 5/14/2019 8:01:51 PM



#44
 2,4,5-Trichlorophenol
 Concen: 49.003 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.02 min
 Lab File: BG040905.D
 Acq: 12 May 2019 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	193372		
198	95.7	77.0	115.6	
97	43.1	40.0	60.0	
132	20.4	19.2	28.8	





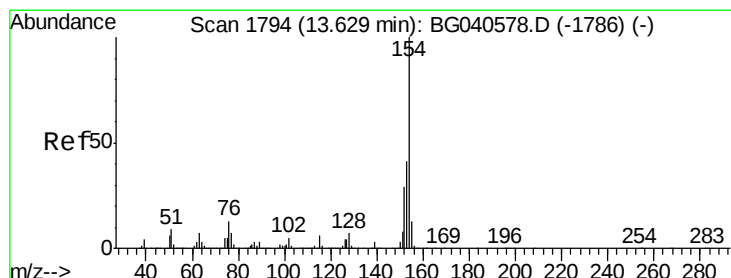
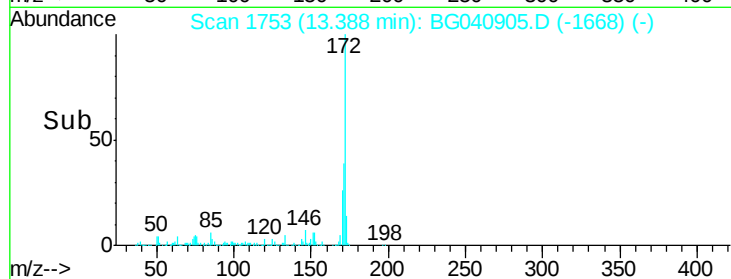
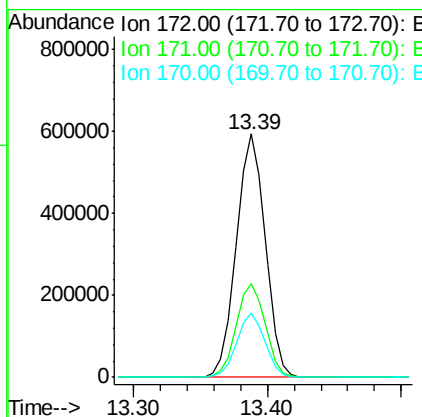
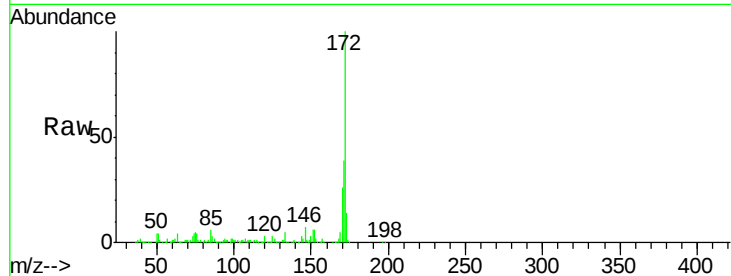
#45
2-Fluorobiphenyl
Concen: 79.771 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.03 min
Lab File: BG040905.D
Acq: 12 May 2019 12:16

Instrument :
BNA_G
ClientSampleId :
P026-SS015-1824-01MS

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	888812		
171	38.7	29.4	44.2	
170	26.3	19.9	29.9	

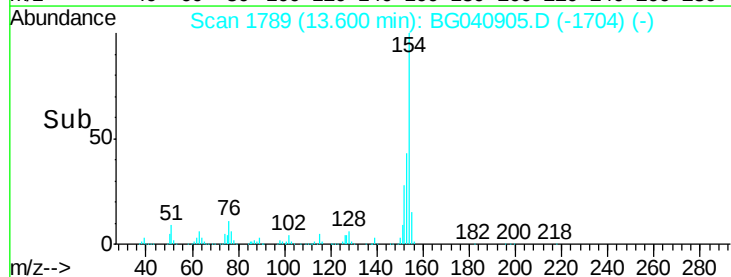
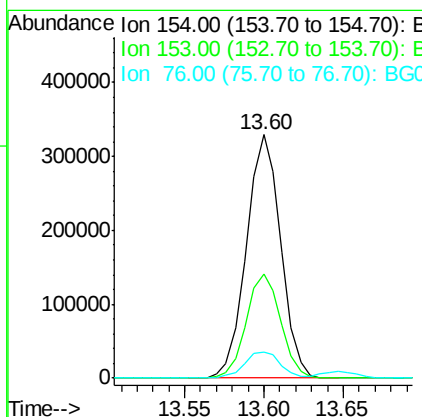
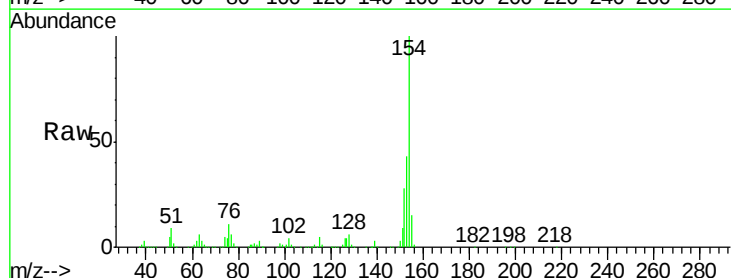
Manual Integrations
APPROVED

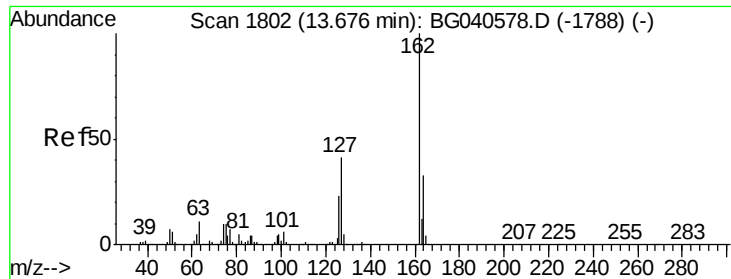
Sohil
5/14/2019 8:01:51 PM



#46
1,1'-Biphenyl
Concen: 39.577 ng
RT: 13.60 min Scan# 1789
Delta R.T. -0.03 min
Lab File: BG040905.D
Acq: 12 May 2019 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	494446		
153	42.6	20.5	60.5	
76	10.9	0.0	32.5	





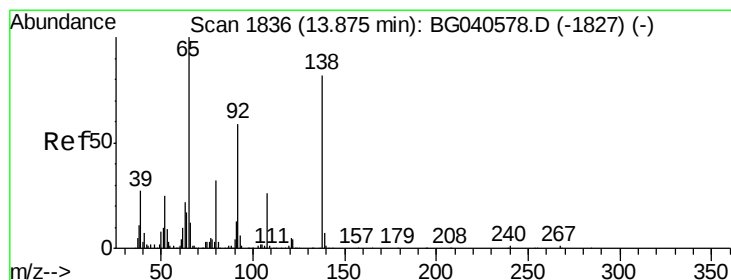
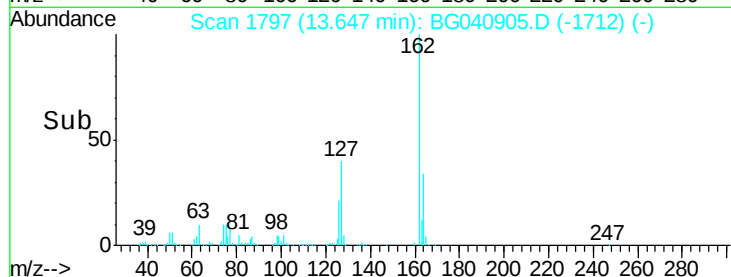
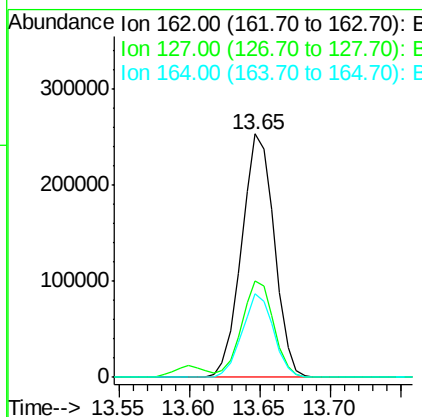
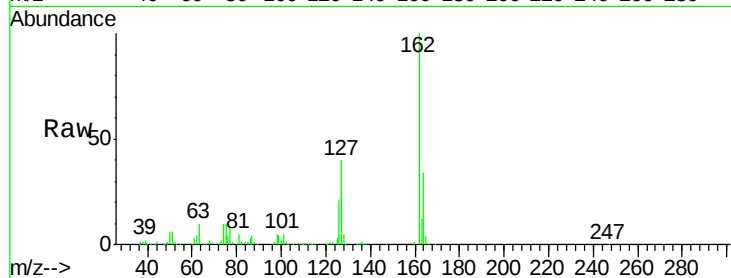
#47
2-Chloronaphthalene
Concen: 41.933 ng
RT: 13.65 min Scan# 1797
Delta R.T. -0.03 min
Lab File: BG040905.D
Acq: 12 May 2019 12:16

Instrument :
BNA_G
ClientSampleId :
P026-SS015-1824-01MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	409986		
127	39.7		33.0	49.4
164	34.4		26.8	40.2

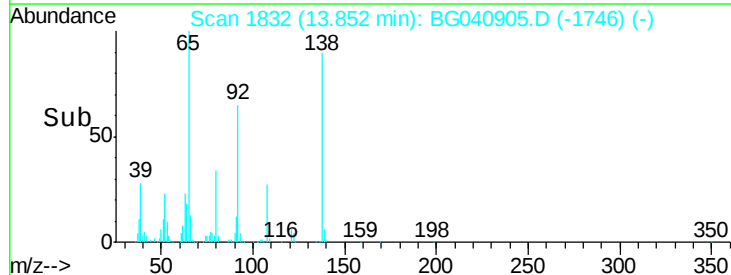
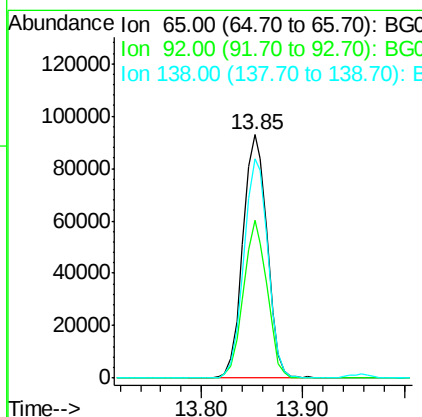
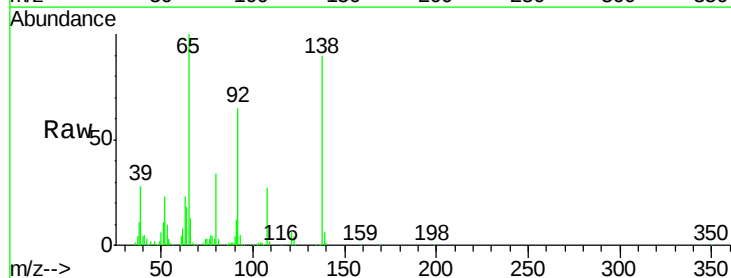
Manual Integrations
APPROVED

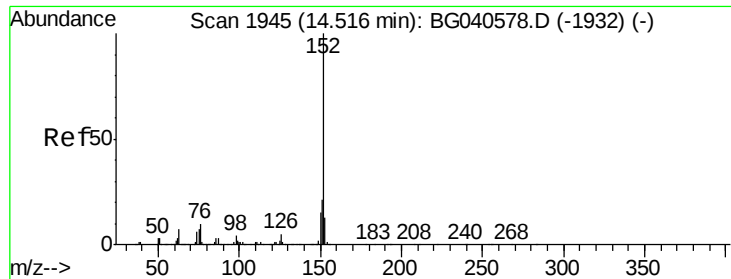
Sohil
5/14/2019 8:01:51 PM



#48
2-Nitroaniline
Concen: 44.290 ng
RT: 13.85 min Scan# 1832
Delta R.T. -0.02 min
Lab File: BG040905.D
Acq: 12 May 2019 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	154142		
92	64.9		47.4	71.0
138	90.1		66.1	99.1





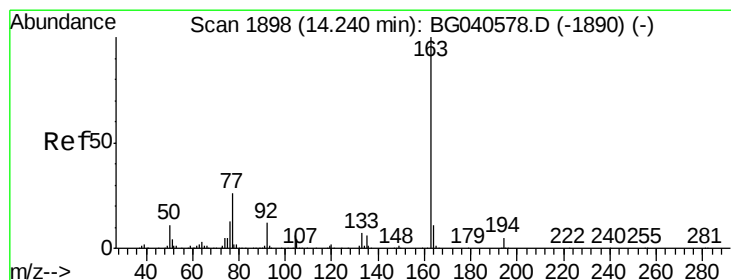
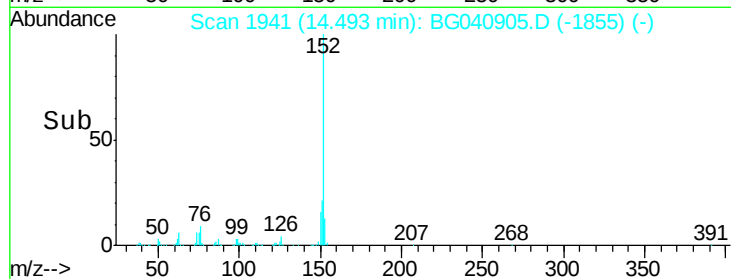
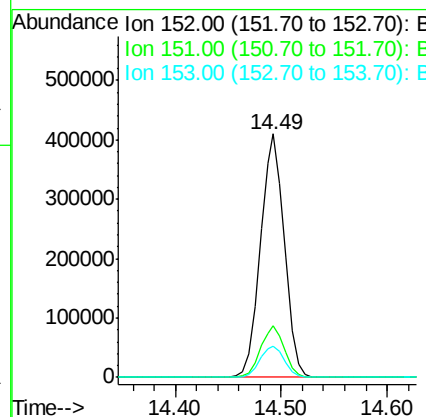
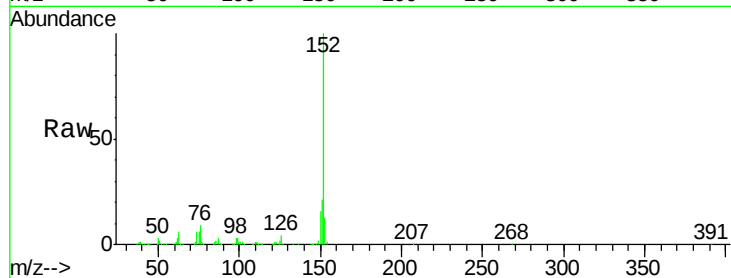
#49
Acenaphthylene
Concen: 38.918 ng
RT: 14.49 min Scan# 1941
Delta R.T. -0.02 min
Lab File: BG040905.D
Acq: 12 May 2019 12:16

Instrument :
BNA_G
ClientSampleId :
P026-SS015-1824-01MS

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.2	25.8
153	12.7	10.7	16.1

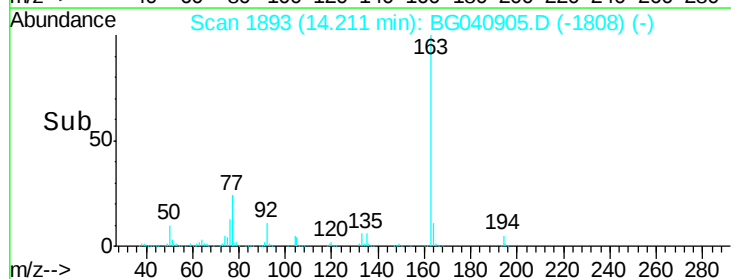
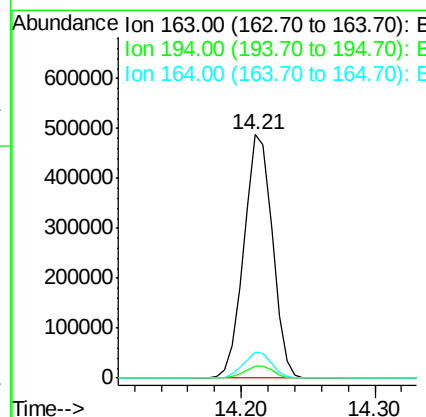
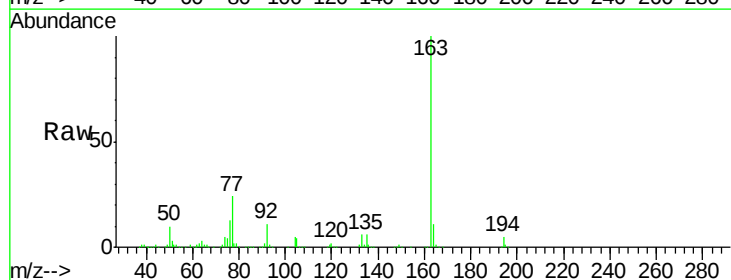
Manual Integrations
APPROVED

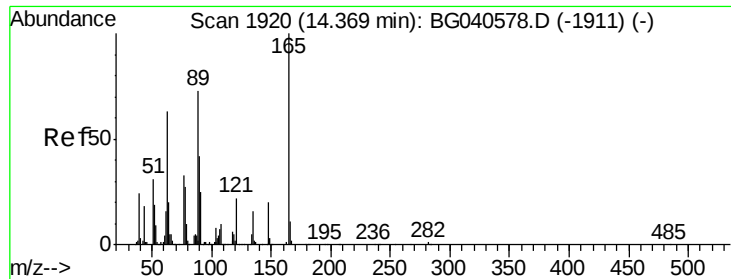
Sohil
5/14/2019 8:01:51 PM



#50
Dimethylphthalate
Concen: 53.197 ng
RT: 14.21 min Scan# 1893
Delta R.T. -0.03 min
Lab File: BG040905.D
Acq: 12 May 2019 12:16

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.8	5.8
164	10.8	8.8	13.2





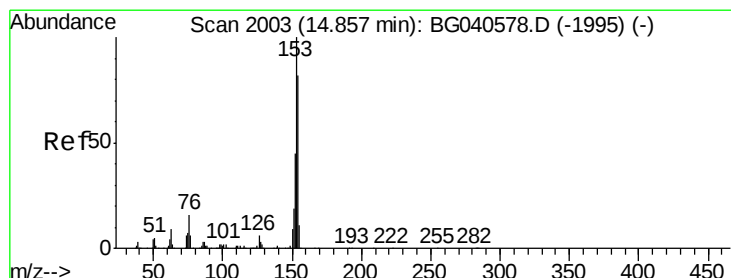
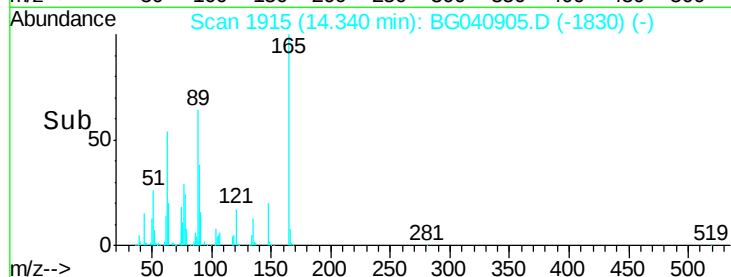
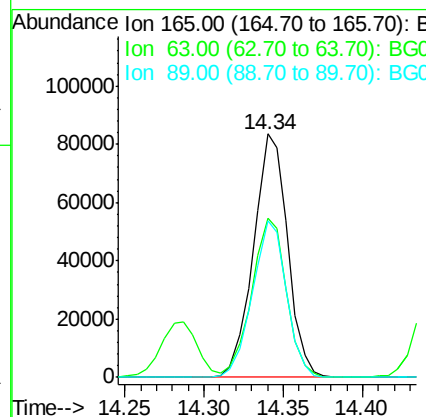
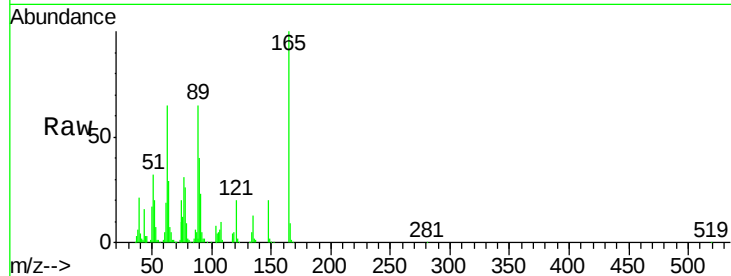
#51
 2,6-Dinitrotoluene
 Concen: 47.696 ng
 RT: 14.34 min Scan# 1915
 Delta R.T. -0.03 min
 Lab File: BG040905.D
 Acq: 12 May 2019 12:16

Instrument :
 BNA_G
 ClientSampleId :
 P026-SS015-1824-01MS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	125326		
63	65.5	61.0	91.4	
89	64.6	58.6	87.8	

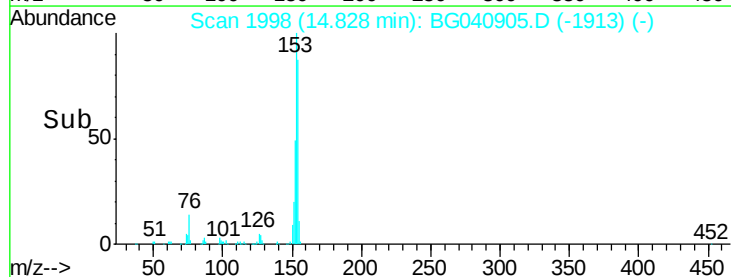
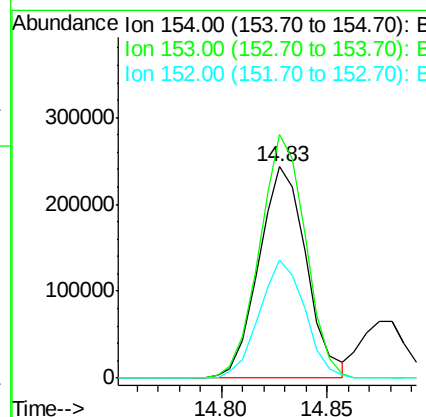
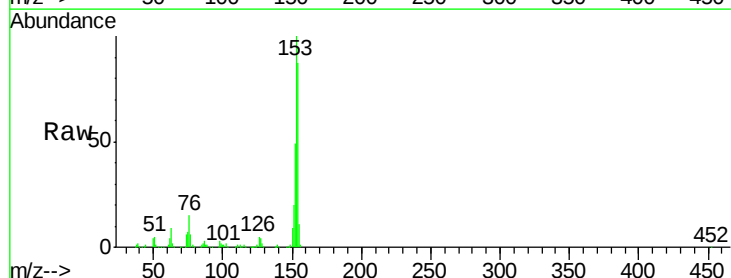
Manual Integrations
 APPROVED

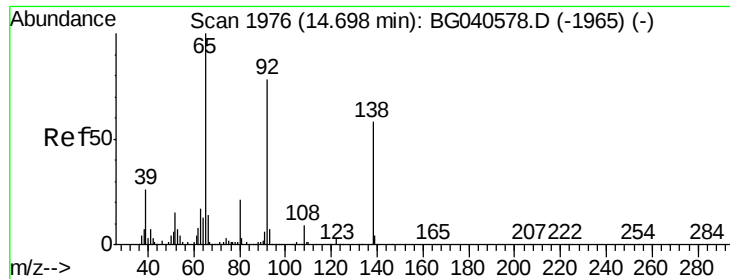
Sohil
 5/14/2019 8:01:51 PM



#52
 Acenaphthene
 Concen: 39.375 ng
 RT: 14.83 min Scan# 1998
 Delta R.T. -0.03 min
 Lab File: BG040905.D
 Acq: 12 May 2019 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	380376		
153	115.3	97.0	145.6	
152	56.0	44.1	66.1	





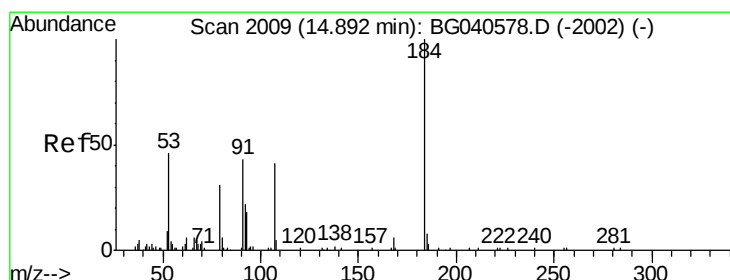
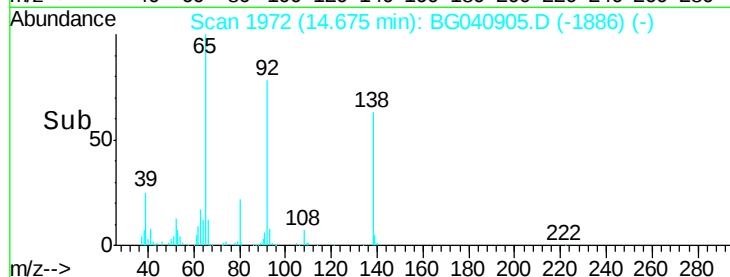
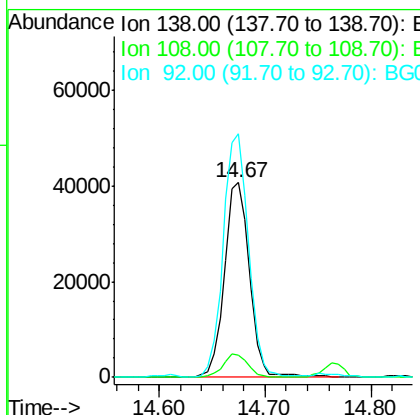
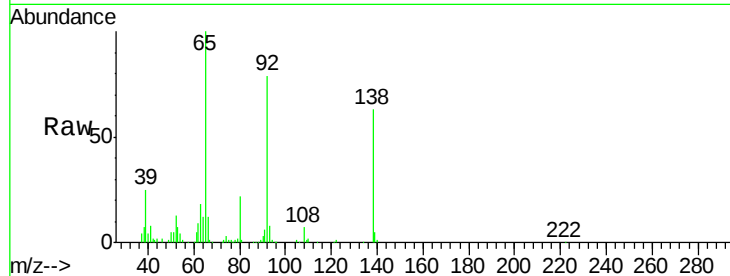
#53
 3-Nitroaniline
 Concen: 24.767 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.02 min
 Lab File: BG040905.D
 Acq: 12 May 2019 12:16

Instrument :
 BNA_G
 ClientSampleId :
 P026-SS015-1824-01MS

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.5	12.4	18.6#
92	125.0	108.6	162.8

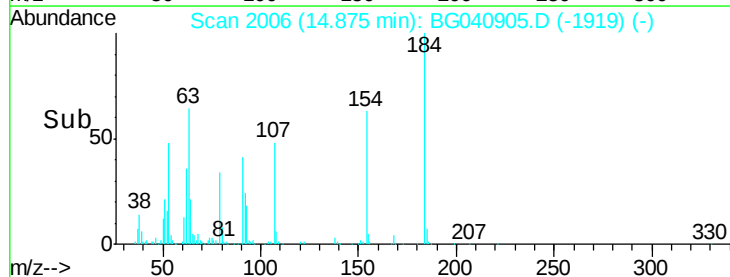
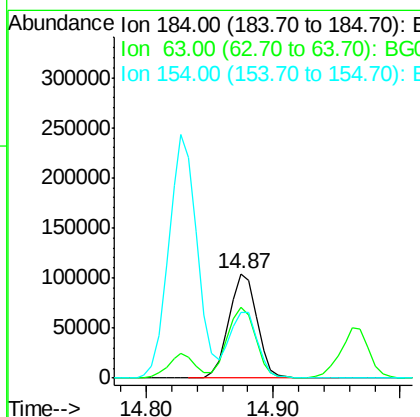
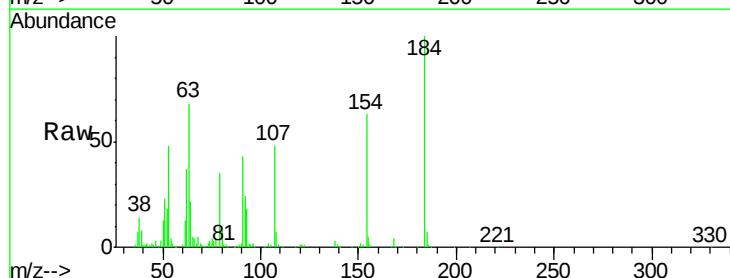
Manual Integrations
 APPROVED

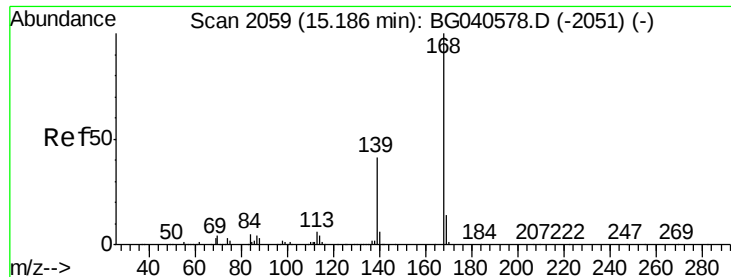
Sohil
 5/14/2019 8:01:51 PM



#54
 2,4-Dinitrophenol
 Concen: 105.272 ng
 RT: 14.87 min Scan# 2006
 Delta R.T. -0.02 min
 Lab File: BG040905.D
 Acq: 12 May 2019 12:16

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.0	51.8	77.6
154	63.2	43.6	65.4





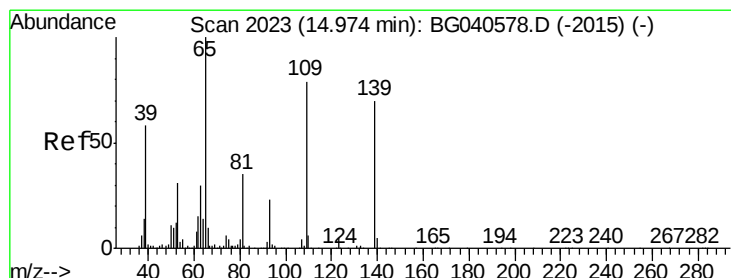
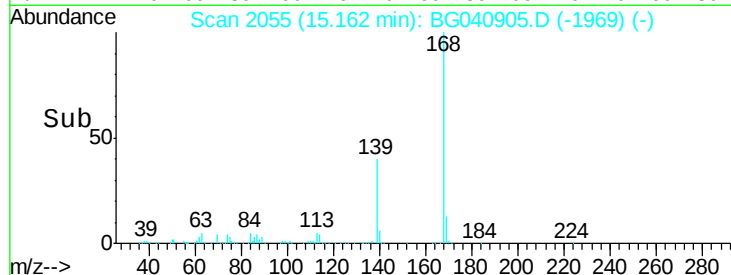
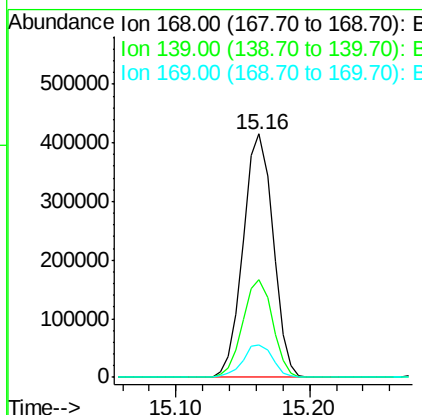
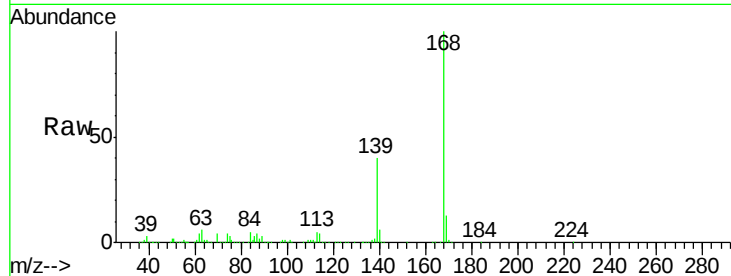
#55
Dibenzenofuran
Concen: 40.527 ng
RT: 15.16 min Scan# 2055
Delta R.T. -0.02 min
Lab File: BG040905.D
Acq: 12 May 2019 12:16

Instrument :
BNA_G
ClientSampleId :
P026-SS015-1824-01MS

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	641252		
139	40.2	33.0	49.4	
169	13.5	11.0	16.4	

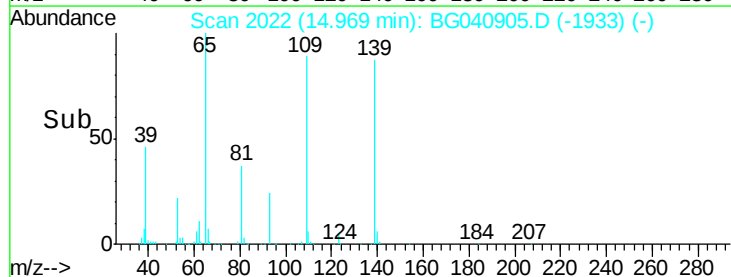
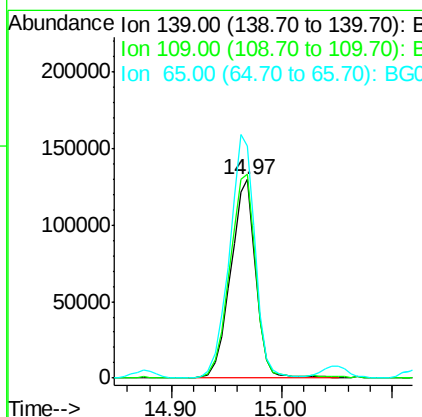
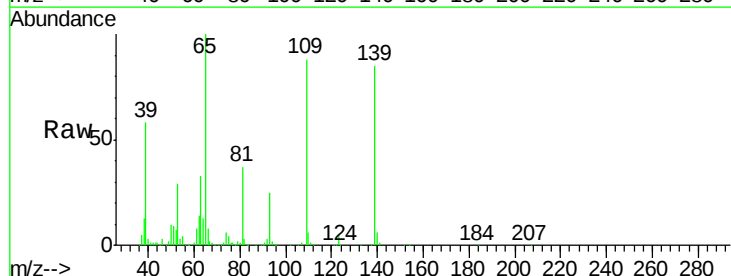
Manual Integrations
APPROVED

Sohil
5/14/2019 8:01:51 PM



#56
4-Nitrophenol
Concen: 88.677 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BG040905.D
Acq: 12 May 2019 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	207019		
109	102.9	93.8	133.8	
65	117.3	122.7	162.7#	





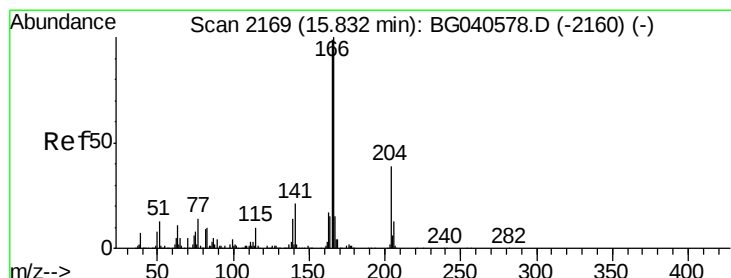
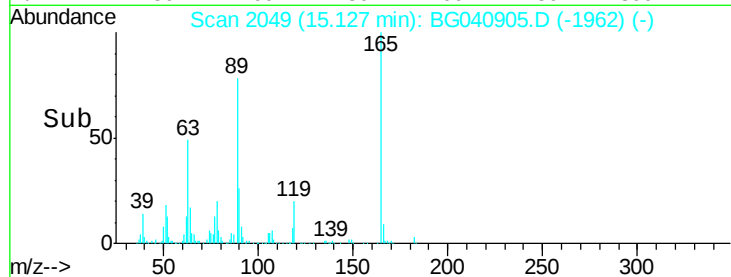
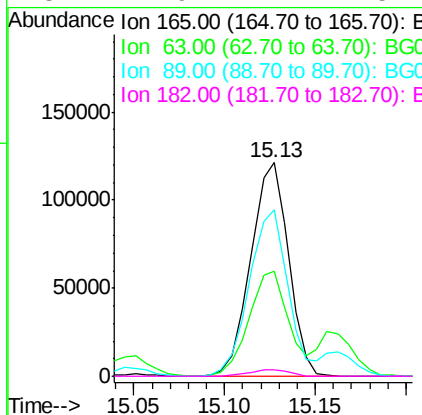
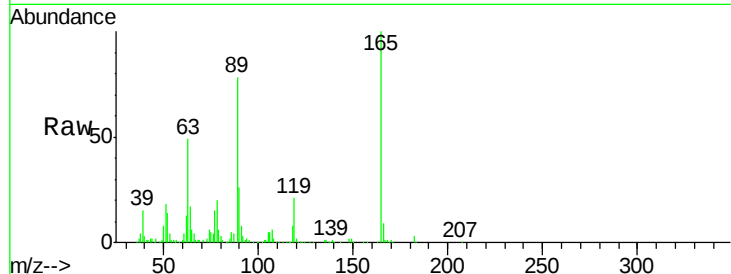
#57
2,4-Dinitrotoluene
Concen: 49.121 ng
RT: 15.13 min Scan# 2049
Delta R.T. -0.02 min
Lab File: BG040905.D
Acq: 12 May 2019 12:16

Instrument :
BNA_G
ClientSampleId :
P026-SS015-1824-01MS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	175388		
63	49.1	45.8	68.8	
89	77.8	69.4	104.2	
182	2.9	2.2	3.4	

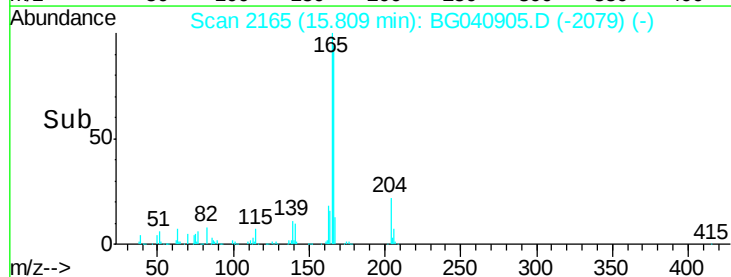
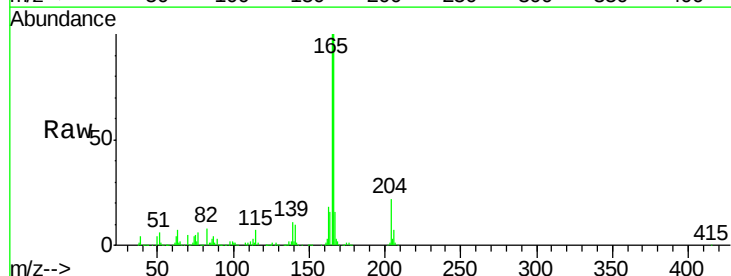
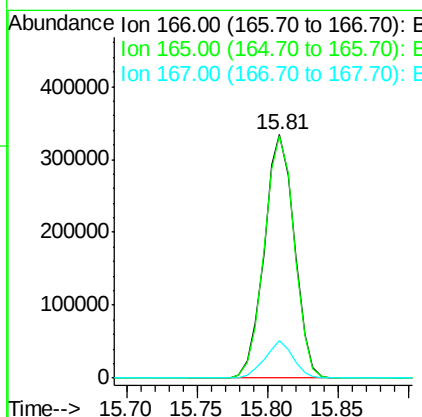
Manual Integrations
APPROVED

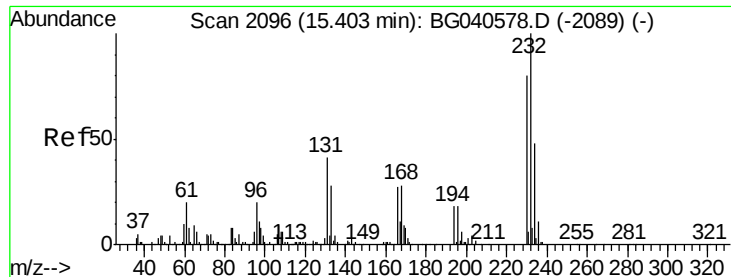
Sohil
5/14/2019 8:01:51 PM



#58
Fluorene
Concen: 39.128 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.02 min
Lab File: BG040905.D
Acq: 12 May 2019 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	500413		
165	99.5	79.6	119.4	
167	15.5	12.2	18.2	





#59

2,3,4,6-Tetrachlorophenol

Concen: 50.243 ng

RT: 15.38 min Scan# 2092

Delta R.T. -0.02 min

Lab File: BG040905.D

Acq: 12 May 2019 12:16

Instrument :

BNA_G

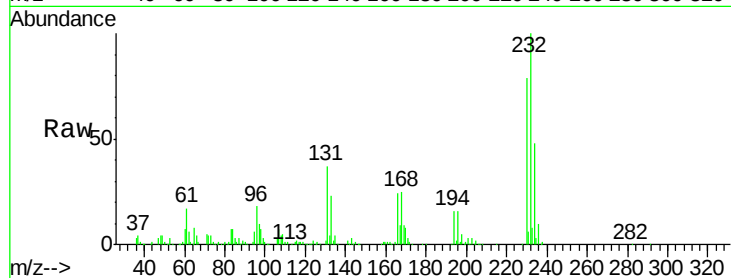
ClientSampleId :

P026-SS015-1824-01MS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	199559		
131	37.2	33.0	49.4	
130	2.1	2.0	3.0	
166	25.0	22.1	33.1	

Manual Integrations
APPROVED

Sohil
5/14/2019 8:01:51 PM

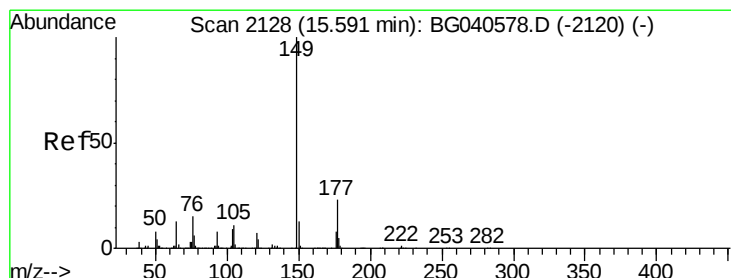
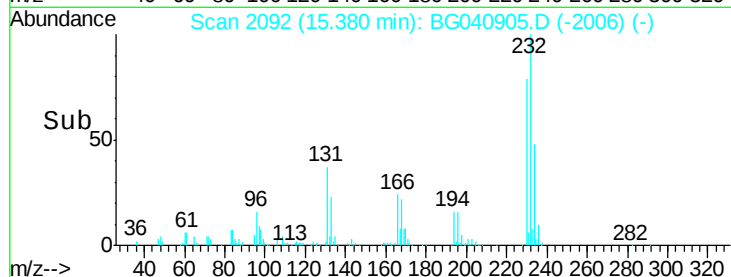
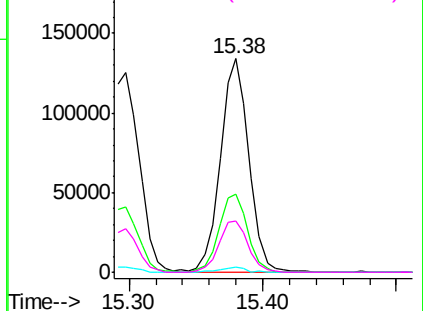


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 39.265 ng

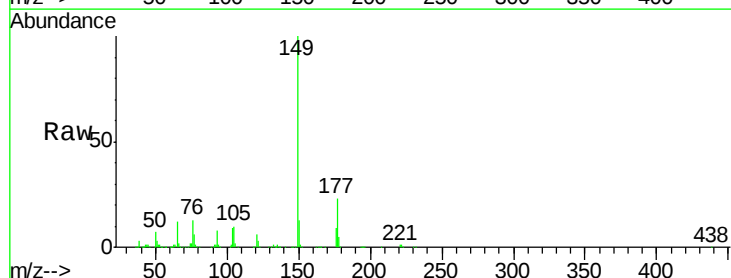
RT: 15.56 min Scan# 2123

Delta R.T. -0.03 min

Lab File: BG040905.D

Acq: 12 May 2019 12:16

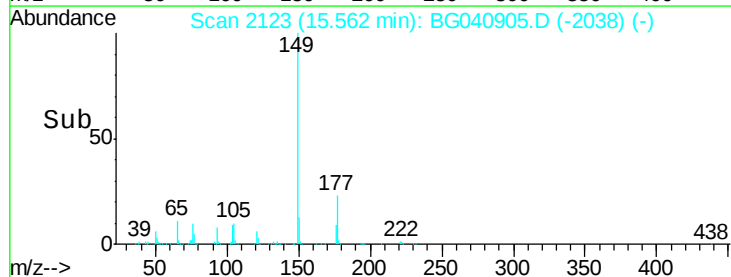
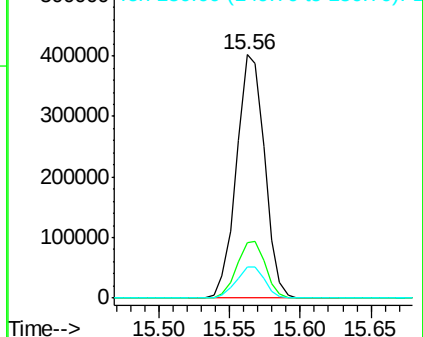
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	557759		
177	23.0	18.5	27.7	
150	13.0	10.2	15.4	

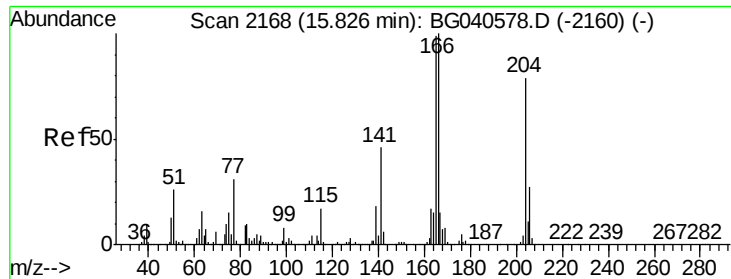


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 43.035 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.03 min

Lab File: BG040905.D

Acq: 12 May 2019 12:16

Instrument :

BNA_G

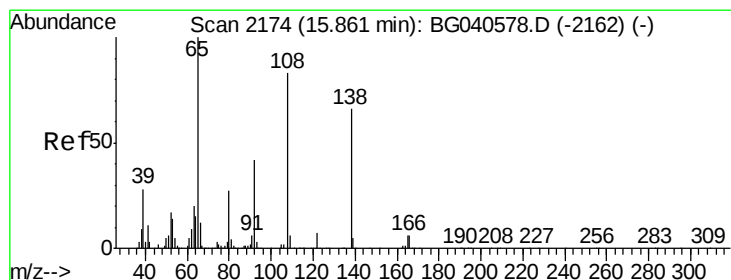
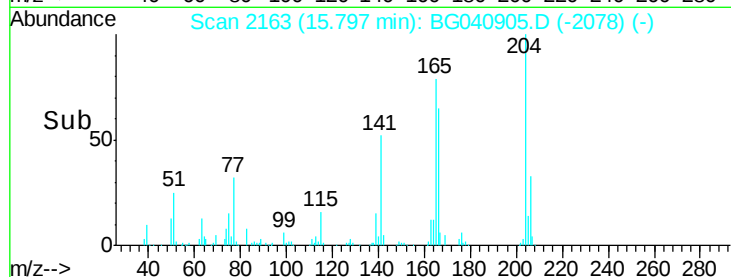
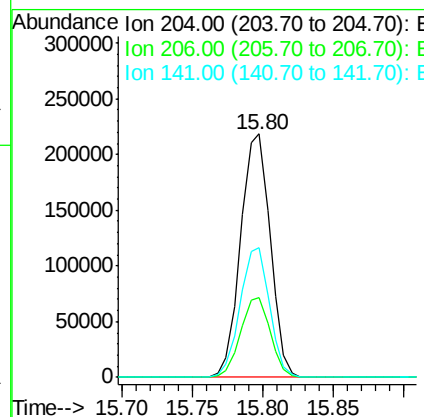
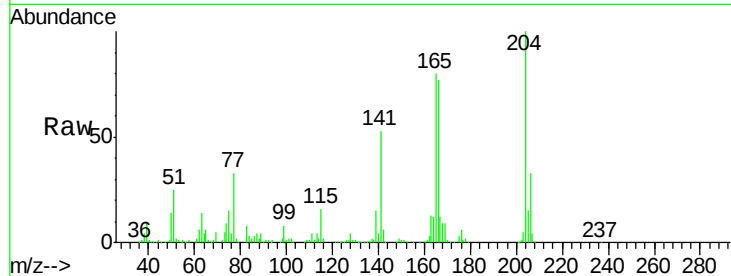
ClientSampleId :

P026-SS015-1824-01MS

Tgt Ion:	204	Resp:	320107
Ion Ratio		Lower	Upper
204	100		
206	32.9	27.4	41.2
141	53.1	46.0	69.0

Manual Integrations
APPROVED

Sohil
5/14/2019 8:01:51 PM



#62

4-Nitroaniline

Concen: 40.094 ng

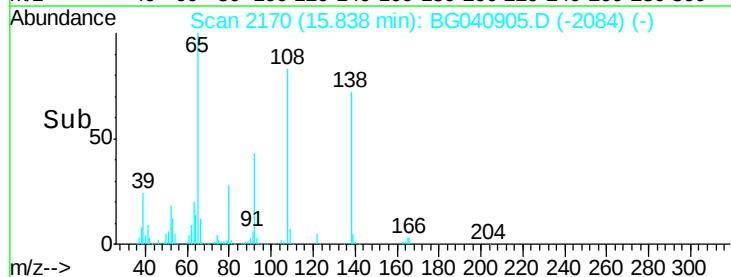
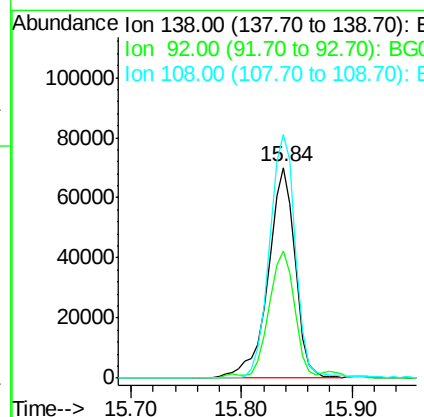
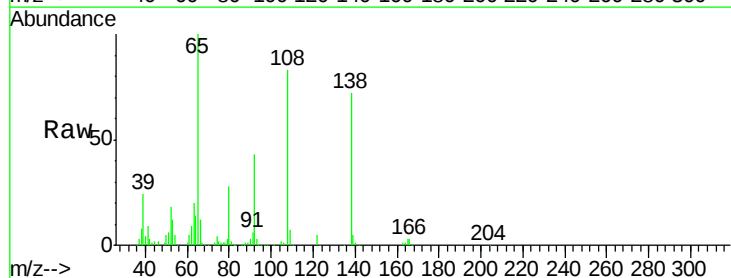
RT: 15.84 min Scan# 2170

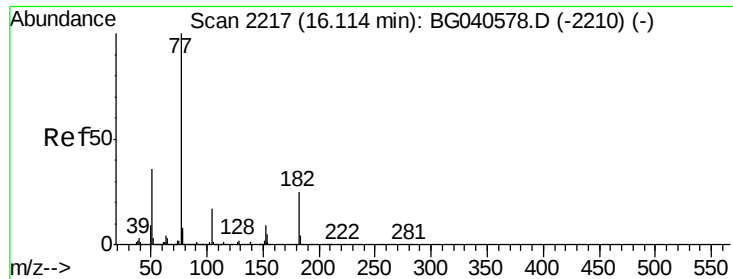
Delta R.T. -0.02 min

Lab File: BG040905.D

Acq: 12 May 2019 12:16

Tgt Ion:	138	Resp:	120749
Ion Ratio		Lower	Upper
138	100		
92	60.6	43.9	83.9
108	115.5	106.5	146.5





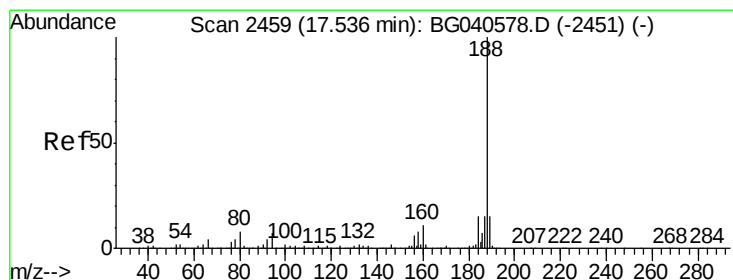
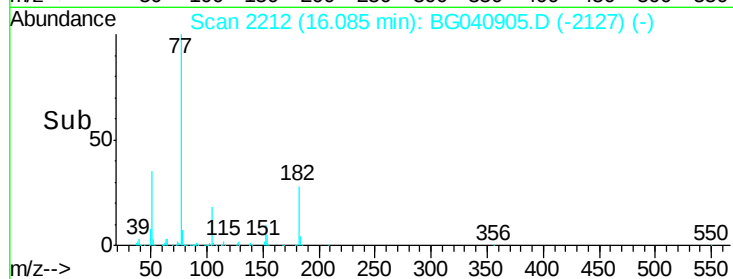
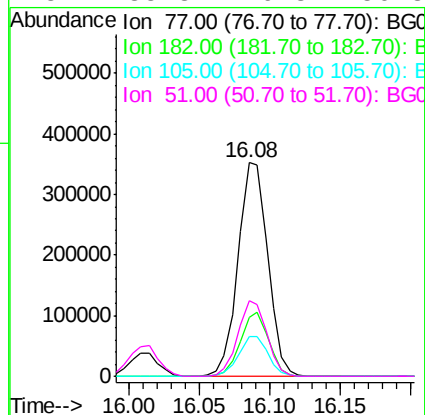
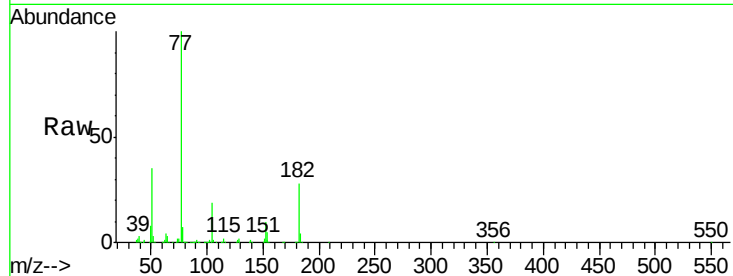
#63
Azobenzene
Concen: 35.415 ng
RT: 16.08 min Scan# 2212
Delta R.T. -0.03 min
Lab File: BG040905.D
Acq: 12 May 2019 12:16

Instrument :
BNA_G
ClientSampleId :
P026-SS015-1824-01MS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.7	5.0	45.0
105	18.6	0.0	37.6
51	35.3	16.3	56.3

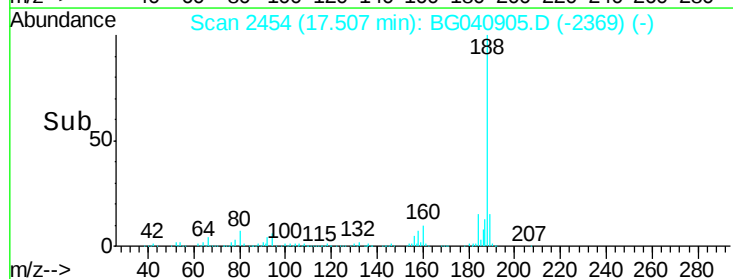
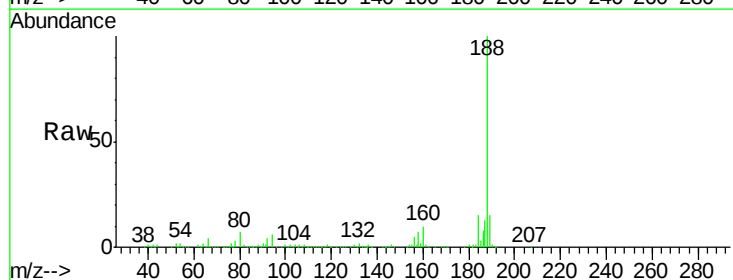
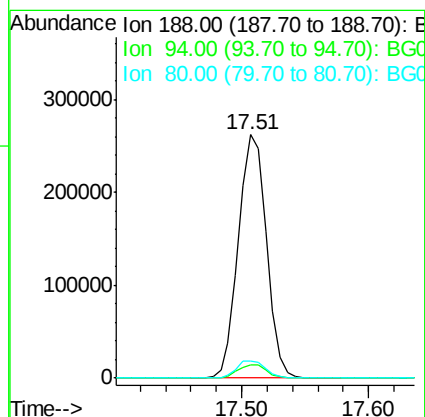
Manual Integrations
APPROVED

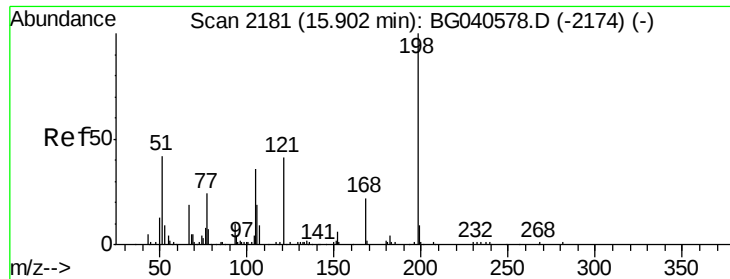
Sohil
5/14/2019 8:01:51 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2454
Delta R.T. -0.03 min
Lab File: BG040905.D
Acq: 12 May 2019 12:16

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.7	5.6	8.4
80	7.1	6.4	9.6





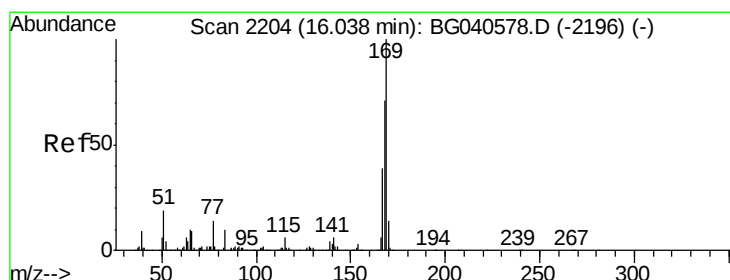
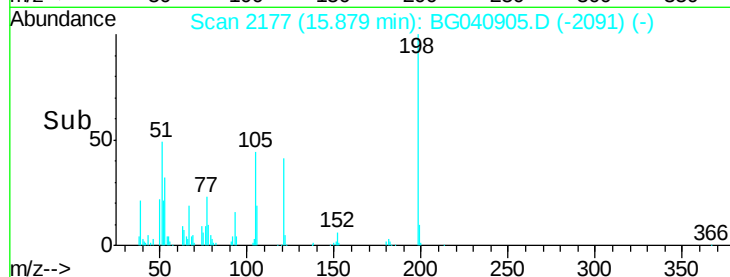
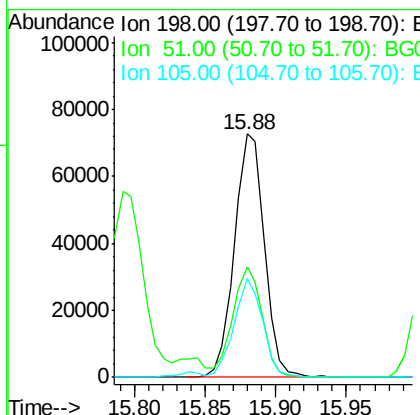
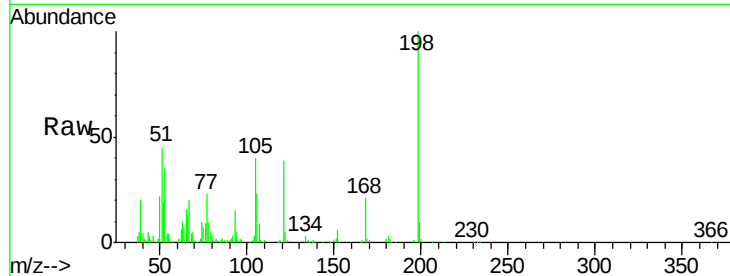
#65
4,6-Dinitro-2-methylphenol
Concen: 53.324 ng
RT: 15.88 min Scan# 2177
Delta R.T. -0.02 min
Lab File: BG040905.D
Acq: 12 May 2019 12:16

Instrument :
BNA_G
ClientSampleId :
P026-SS015-1824-01MS

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	106994		
51	45.5	35.9	75.9	
105	40.4	21.2	61.2	

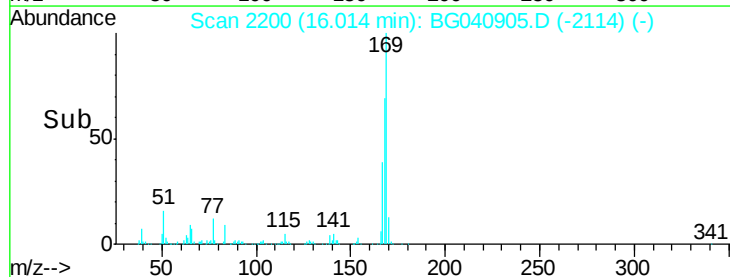
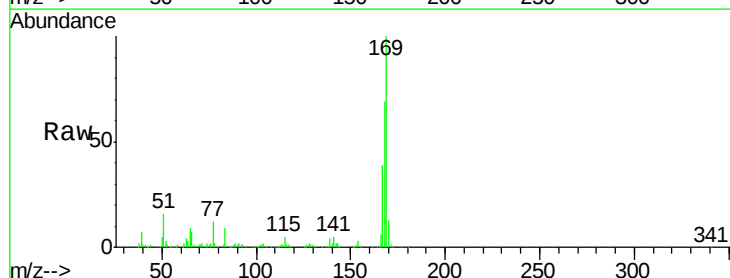
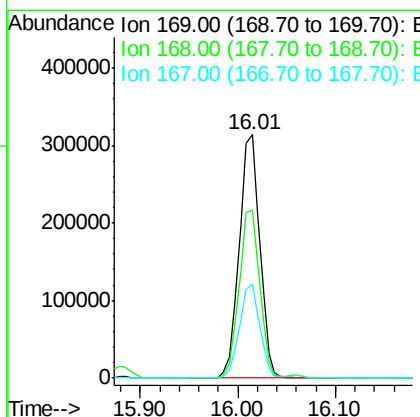
Manual Integrations
APPROVED

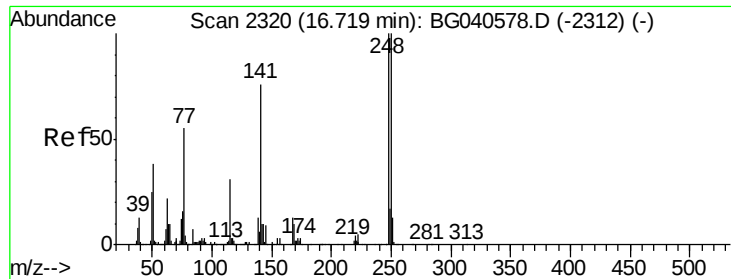
Sohil
5/14/2019 8:01:51 PM



#66
n-Nitrosodiphenylamine
Concen: 39.075 ng
RT: 16.01 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BG040905.D
Acq: 12 May 2019 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	460182		
168	69.2	56.8	85.2	
167	38.6	31.4	47.0	





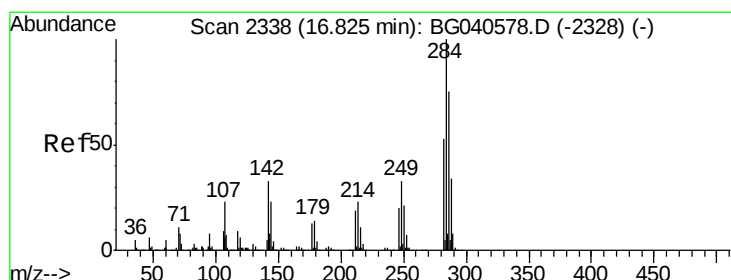
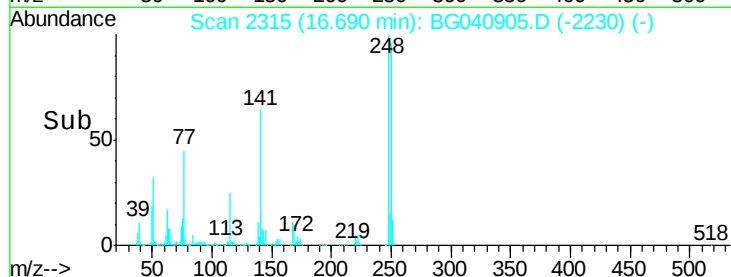
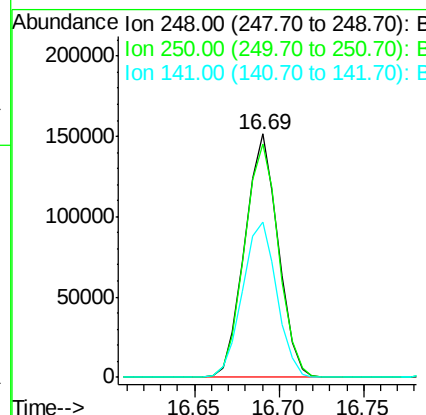
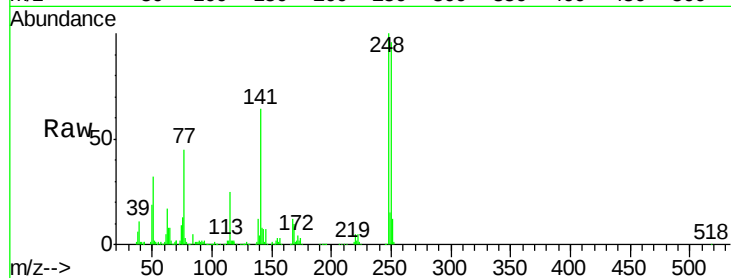
#67
 4-Bromophenyl-phenylether
 Concen: 41.727 ng
 RT: 16.69 min Scan# 2315
 Delta R.T. -0.03 min
 Lab File: BG040905.D
 Acq: 12 May 2019 12:16

Instrument :
 BNA_G
 ClientSampleId :
 P026-SS015-1824-01MS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.8	79.8	119.6
141	63.9	60.8	91.2

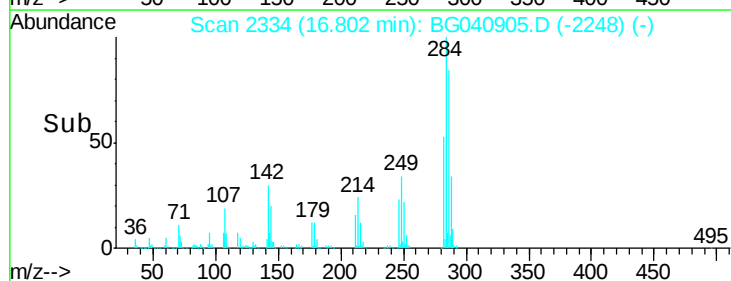
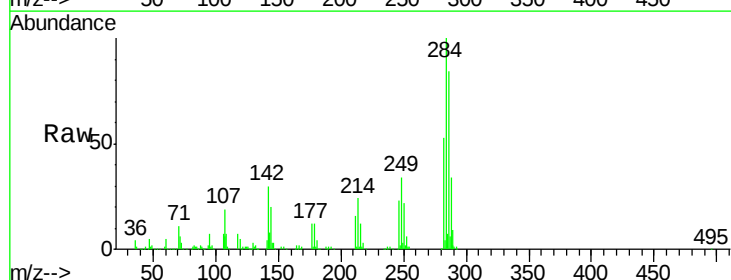
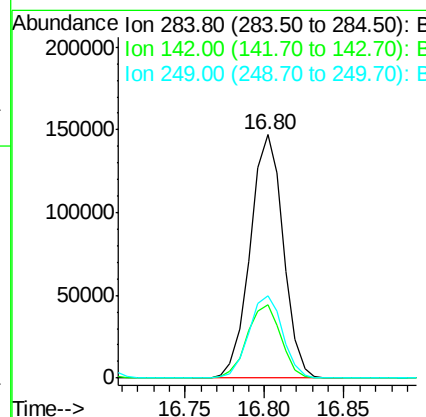
Manual Integrations
 APPROVED

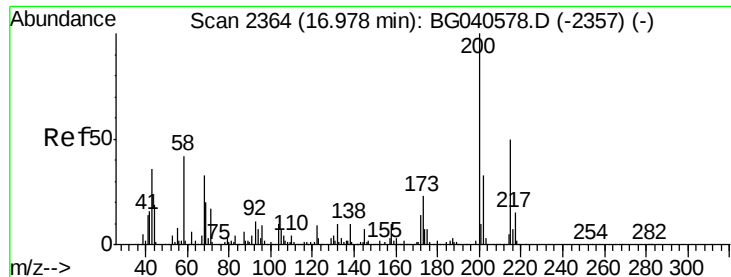
Sohil
 5/14/2019 8:01:51 PM



#68
 Hexachlorobenzene
 Concen: 41.378 ng
 RT: 16.80 min Scan# 2334
 Delta R.T. -0.02 min
 Lab File: BG040905.D
 Acq: 12 May 2019 12:16

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.1	26.6	40.0
249	33.8	26.0	39.0





#69

Atrazine

Concen: 44.547 ng

RT: 16.95 min Scan# 2359

Delta R.T. -0.03 min

Lab File: BG040905.D

Acq: 12 May 2019 12:16

Instrument :

BNA_G

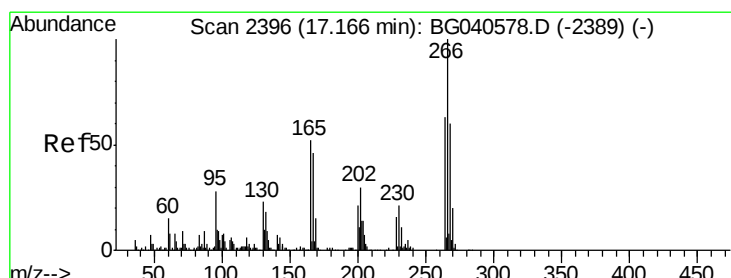
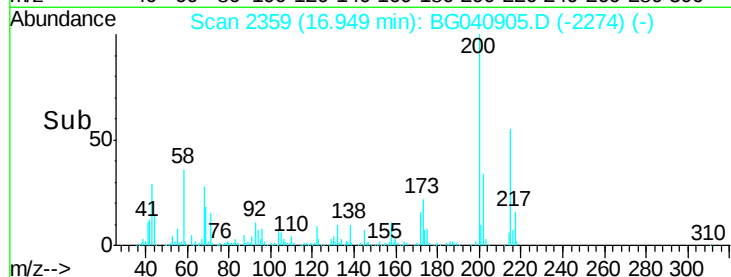
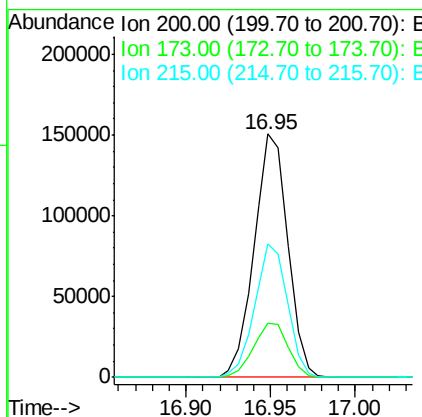
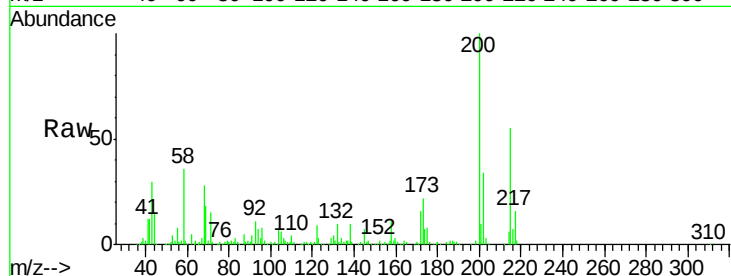
ClientSampleId :

P026-SS015-1824-01MS

Tgt	Ion:200	Resp:	207851
Ion	Ratio	Lower	Upper
200	100		
173	22.2	2.8	42.8
215	54.6	30.2	70.2

Manual Integrations
APPROVED

Sohil
5/14/2019 8:01:51 PM



#70

Pentachlorophenol

Concen: 94.452 ng

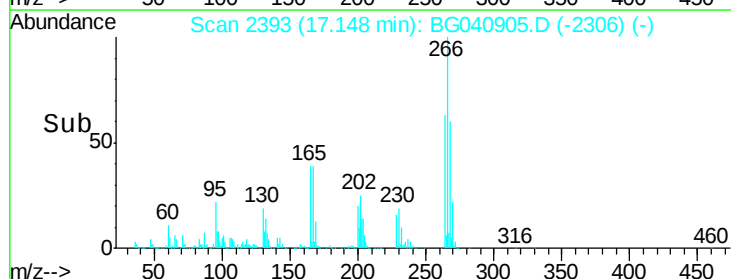
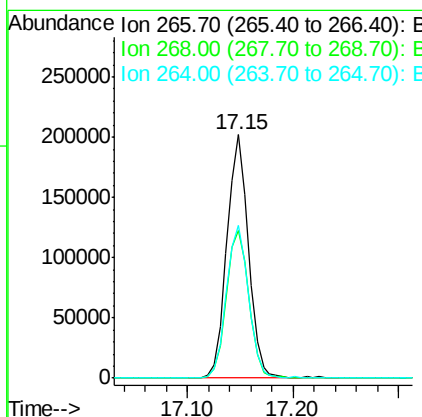
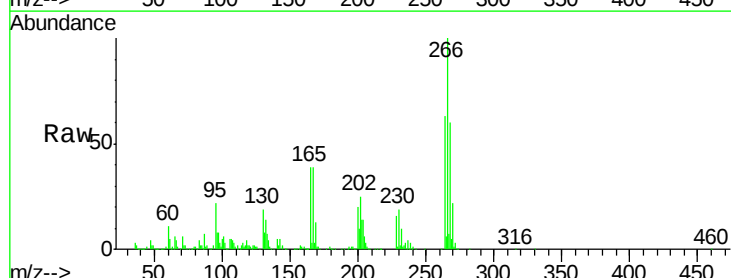
RT: 17.15 min Scan# 2393

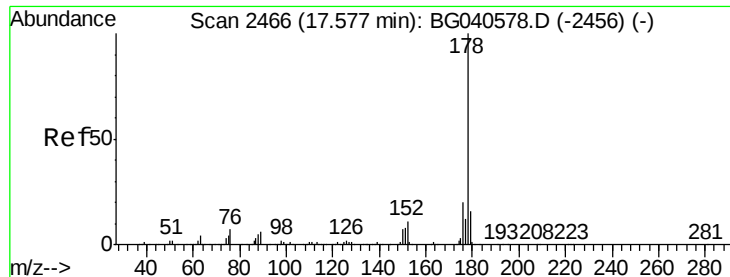
Delta R.T. -0.02 min

Lab File: BG040905.D

Acq: 12 May 2019 12:16

Tgt	Ion:266	Resp:	285005
Ion	Ratio	Lower	Upper
266	100		
268	60.4	52.3	78.5
264	63.0	50.0	75.0





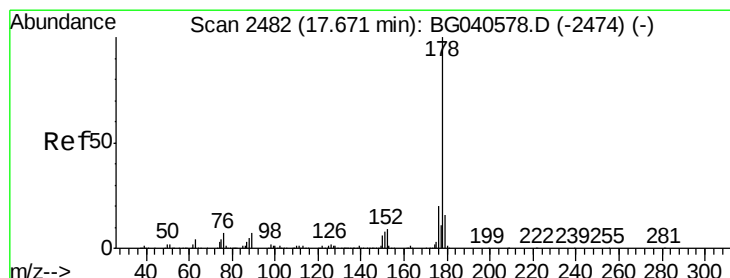
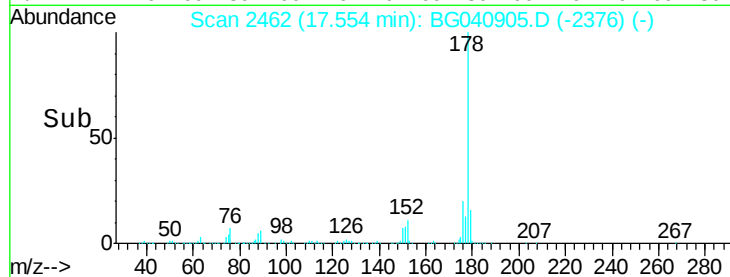
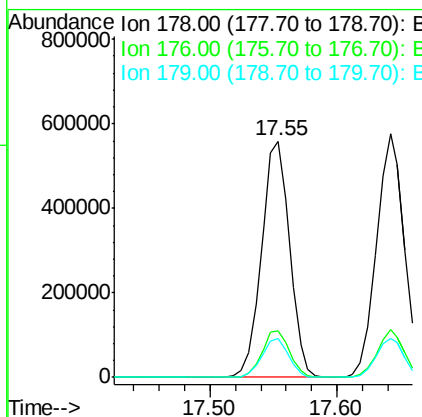
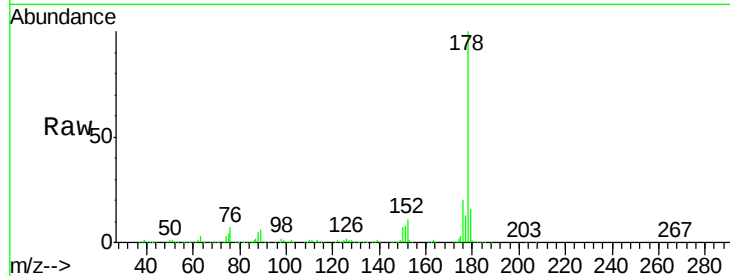
#71
 Phenanthrene
 Concen: 39.880 ng
 RT: 17.55 min Scan# 2462
 Delta R.T. -0.02 min
 Lab File: BG040905.D
 Acq: 12 May 2019 12:16

Instrument :
 BNA_G
 ClientSampleId :
 P026-SS015-1824-01MS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.6
179	16.4	12.6	18.8

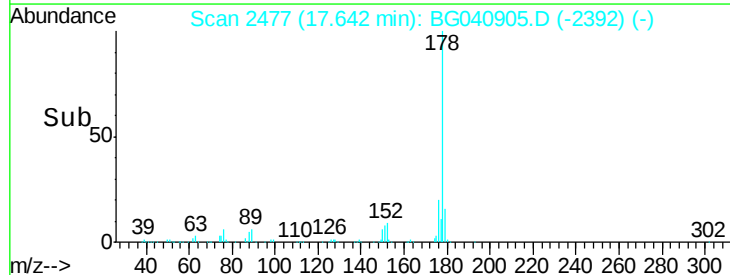
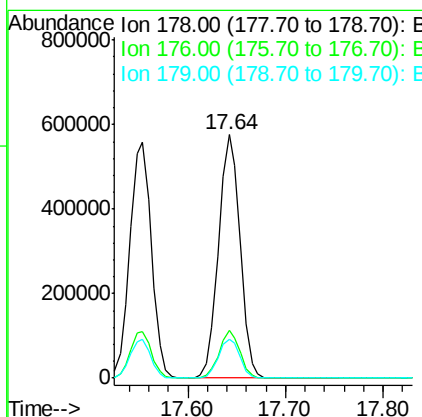
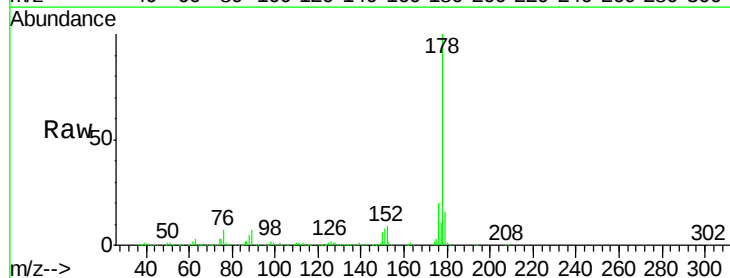
Manual Integrations
 APPROVED

Sohil
 5/14/2019 8:01:51 PM



#72
 Anthracene
 Concen: 40.389 ng
 RT: 17.64 min Scan# 2477
 Delta R.T. -0.03 min
 Lab File: BG040905.D
 Acq: 12 May 2019 12:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.6	23.4
179	16.0	12.9	19.3





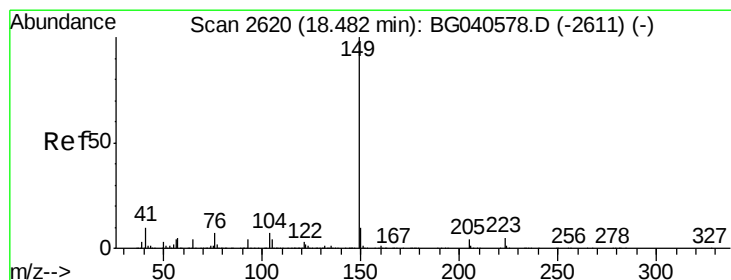
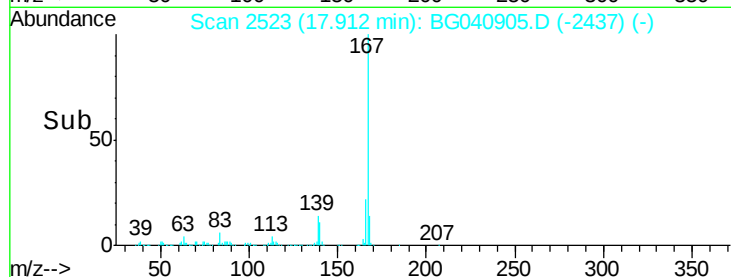
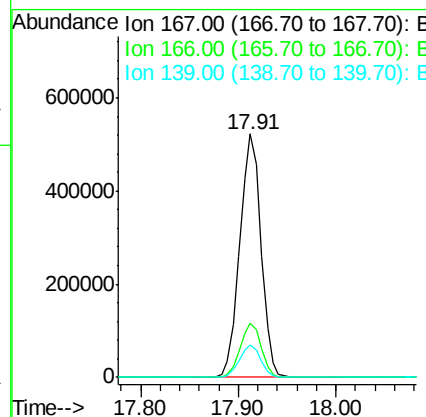
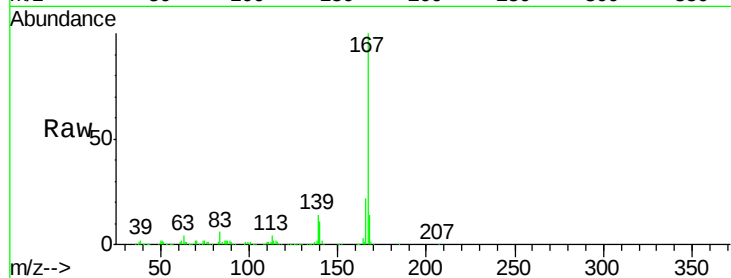
#73
 Carbazole
 Concen: 39.966 ng
 RT: 17.91 min Scan# 2523
 Delta R.T. -0.02 min
 Lab File: BG040905.D
 Acq: 12 May 2019 12:16

Instrument :
 BNA_G
 ClientSampleId :
 P026-SS015-1824-01MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
167	100		
166	22.3	18.2	27.4
139	13.5	11.4	17.0

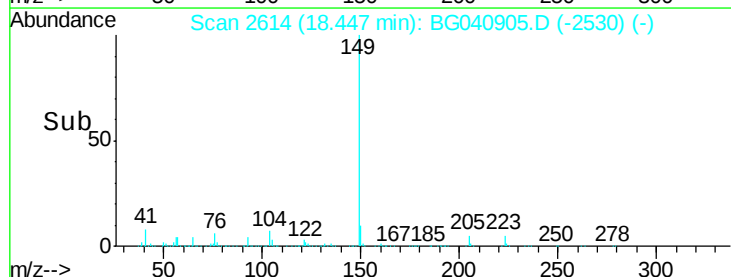
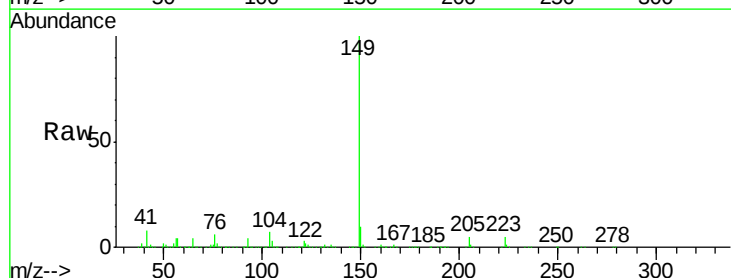
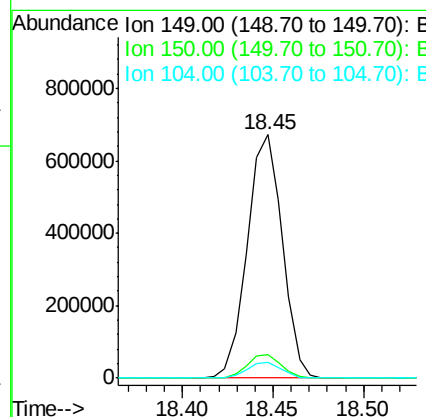
Manual Integrations
 APPROVED

Sohil
 5/14/2019 8:01:51 PM



#74
 Di-n-butylphthalate
 Concen: 37.762 ng
 RT: 18.45 min Scan# 2614
 Delta R.T. -0.03 min
 Lab File: BG040905.D
 Acq: 12 May 2019 12:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
150	9.8	8.2	12.2
104	6.6	5.4	8.2





#75

Fluoranthene

Concen: 40.943 ng

RT: 19.55 min Scan# 2802

Delta R.T. -0.03 min

Lab File: BG040905.D

Acq: 12 May 2019 12:16

Instrument :

BNA_G

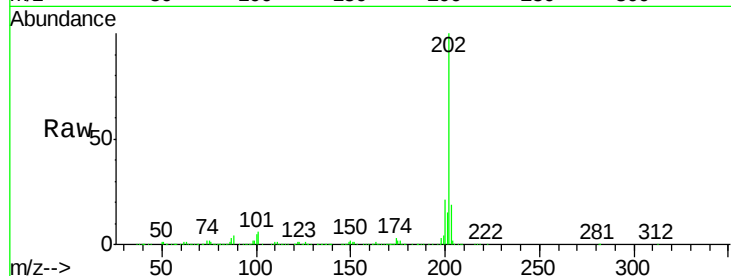
ClientSampleId :

P026-SS015-1824-01MS

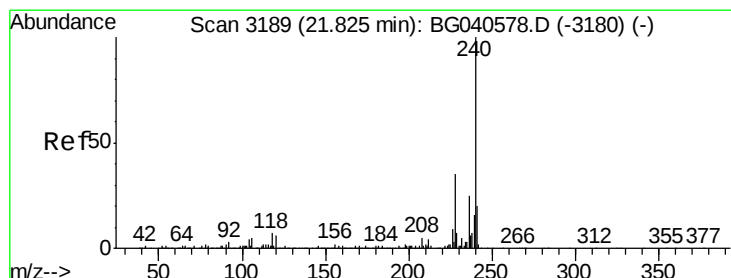
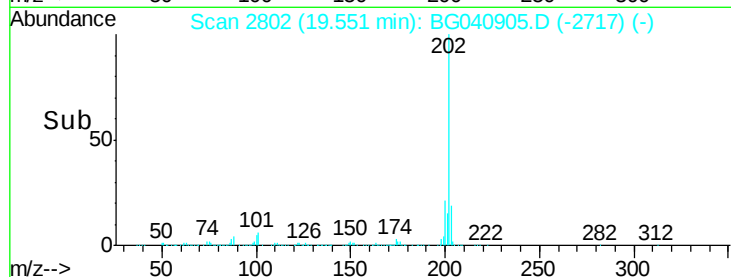
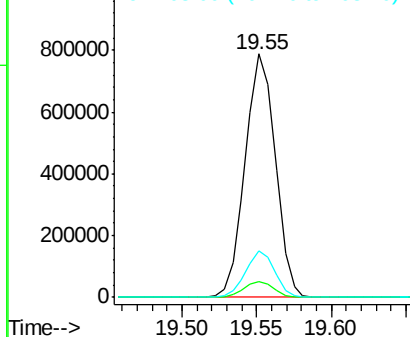
Tgt	Ion	202	Resp:	1100041
Ion	Ratio	Lower	Upper	
202	100			
101	6.3	0.0	27.5	
203	19.0	0.0	39.3	

Manual Integrations
APPROVED

Sohil
5/14/2019 8:01:51 PM



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



#76

Chrysene-d12

Concen: 20.000 ng

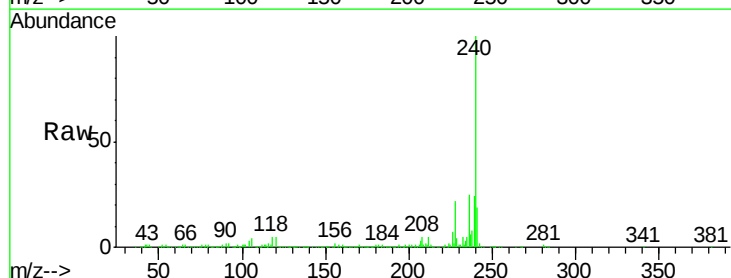
RT: 21.80 min Scan# 3184

Delta R.T. -0.03 min

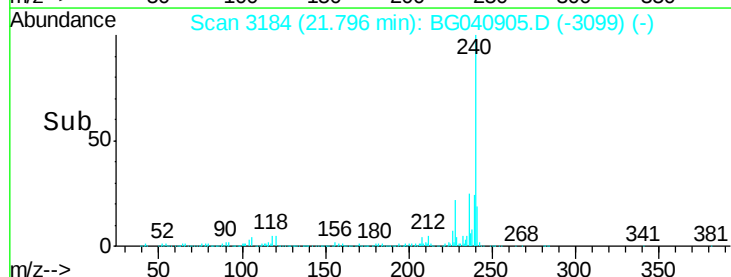
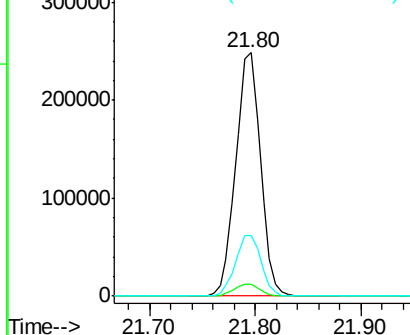
Lab File: BG040905.D

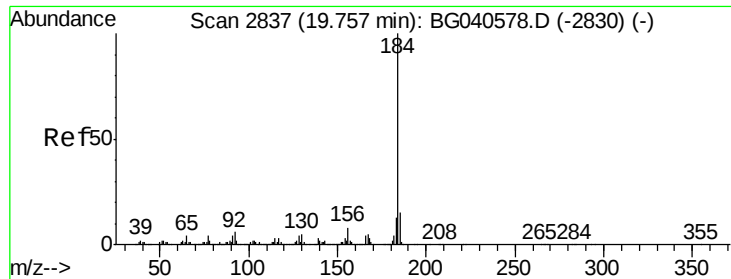
Acq: 12 May 2019 12:16

Tgt	Ion	240	Resp:	401358
Ion	Ratio	Lower	Upper	
240	100			
120	4.7	5.0	7.6#	
236	25.0	20.3	30.5	



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





#77

Benzidine

Concen: 12.337 ng

RT: 19.73 min Scan# 2833

Delta R.T. -0.02 min

Lab File: BG040905.D

Acq: 12 May 2019 12:16

Instrument :

BNA_G

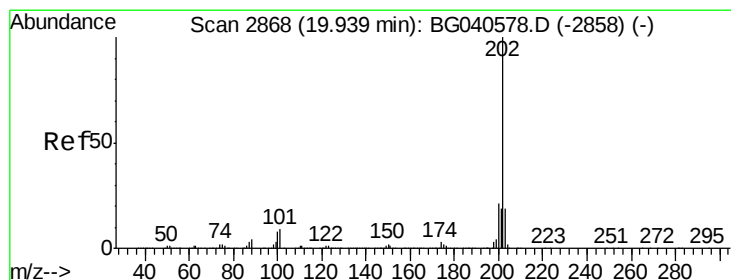
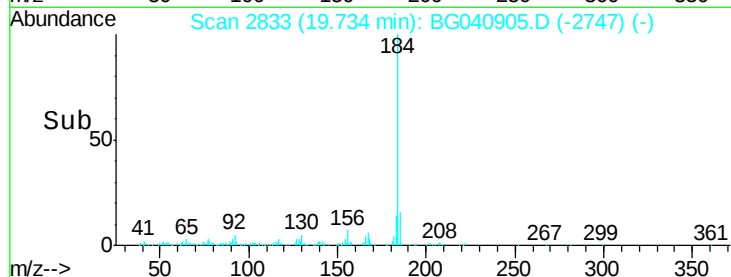
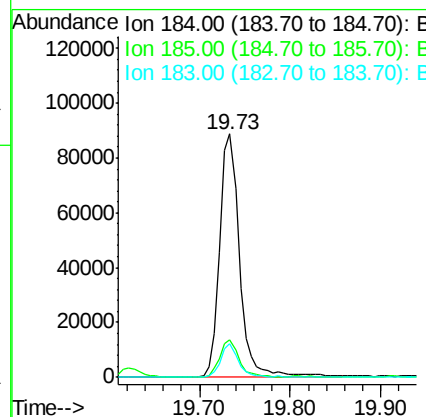
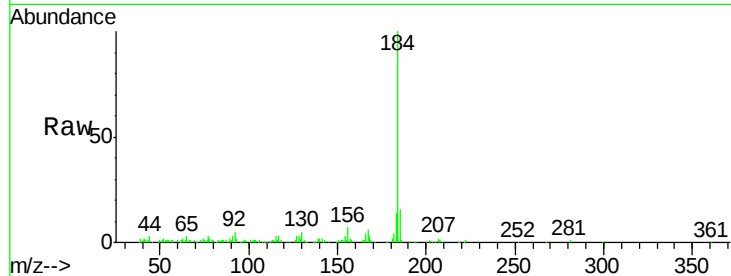
ClientSampleId :

P026-SS015-1824-01MS

Tgt Ion:	184	Resp:	135575
Ion Ratio	Lower	Upper	
184	100		
185	15.5	11.8	17.8
183	13.8	10.2	15.2

Manual Integrations
APPROVED

Sohil
5/14/2019 8:01:51 PM



#78

Pyrene

Concen: 44.827 ng

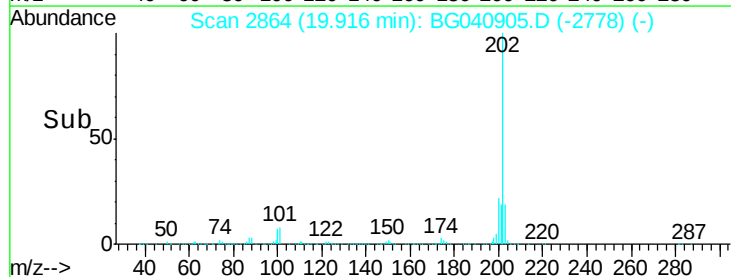
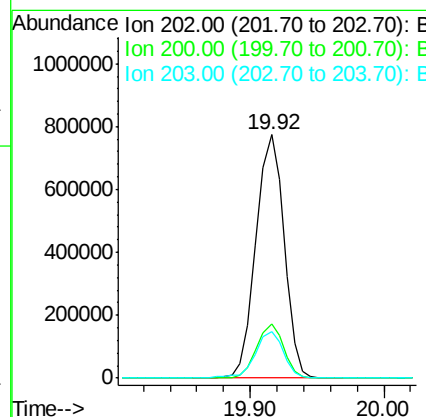
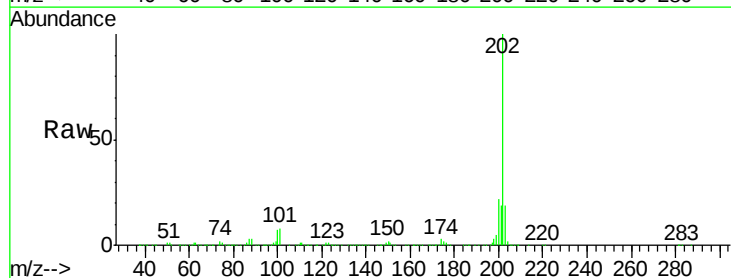
RT: 19.92 min Scan# 2864

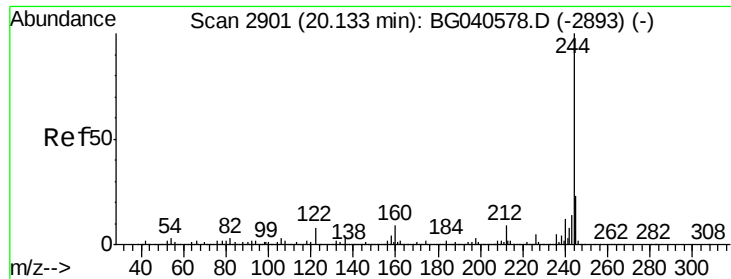
Delta R.T. -0.02 min

Lab File: BG040905.D

Acq: 12 May 2019 12:16

Tgt Ion:	202	Resp:	1127640
Ion Ratio	Lower	Upper	
202	100		
200	22.3	17.2	25.8
203	19.2	15.0	22.4





#79

Terphenyl-d14

Concen: 83.775 ng

RT: 20.10 min Scan# 2896

Delta R.T. -0.03 min

Lab File: BG040905.D

Acq: 12 May 2019 12:16

Instrument :

BNA_G

ClientSampleId :

P026-SS015-1824-01MS

Tgt Ion:244 Resp: 1517722

Ion Ratio Lower Upper

244 100

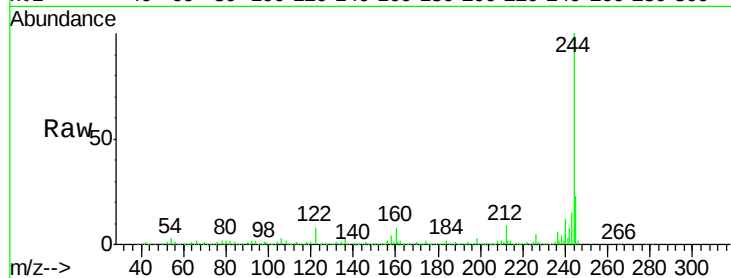
212 9.0 7.2 10.8

122 7.6 6.6 10.0

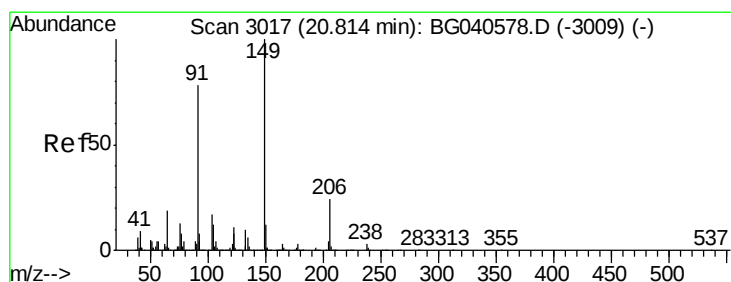
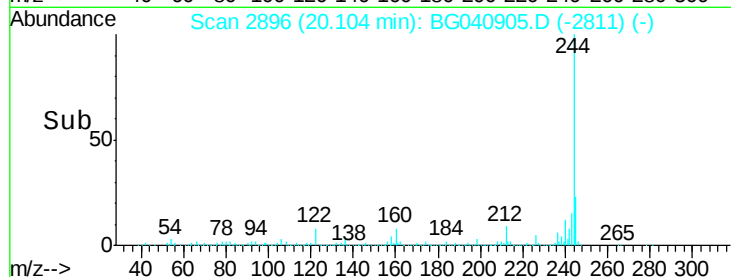
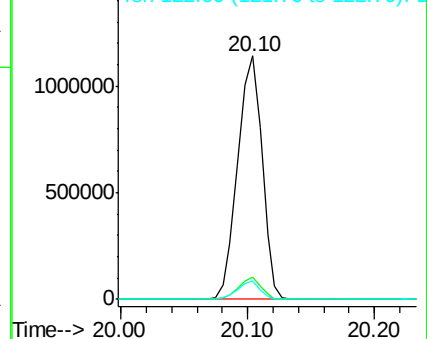
Manual Integrations
APPROVED

Sohil

5/14/2019 8:01:51 PM



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.510 ng

RT: 20.78 min Scan# 3011

Delta R.T. -0.03 min

Lab File: BG040905.D

Acq: 12 May 2019 12:16

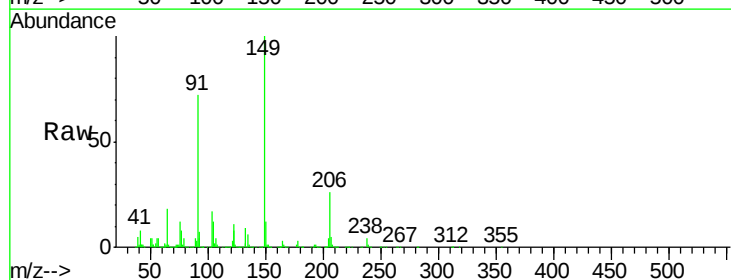
Tgt Ion:149 Resp: 416783

Ion Ratio Lower Upper

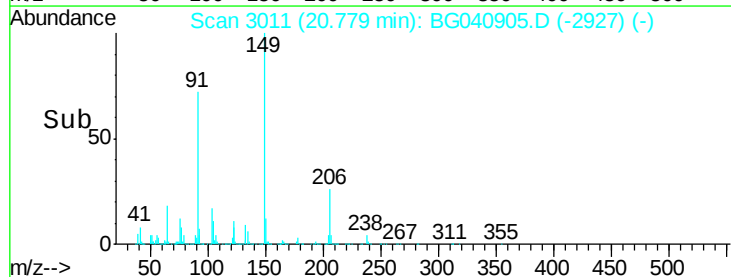
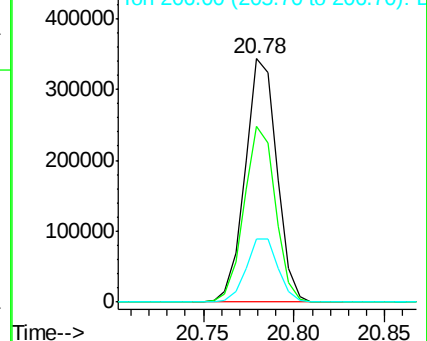
149 100

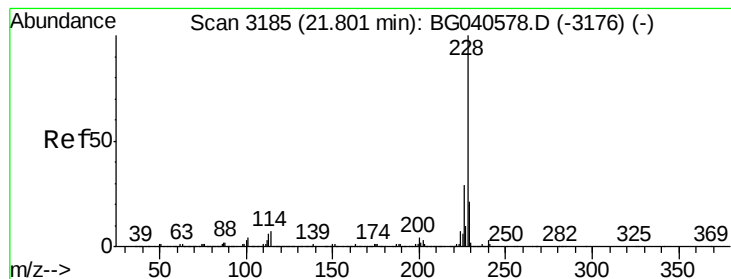
91 72.3 62.6 93.8

206 25.7 19.4 29.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.011 ng

RT: 21.77 min Scan# 3180

Delta R.T. -0.03 min

Lab File: BG040905.D

Acq: 12 May 2019 12:16

Instrument :

BNA_G

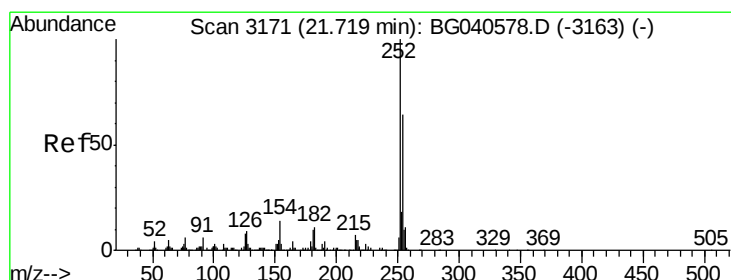
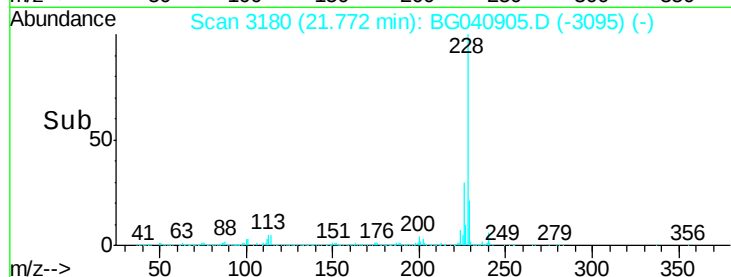
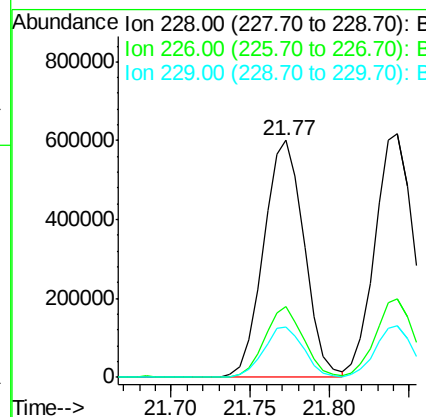
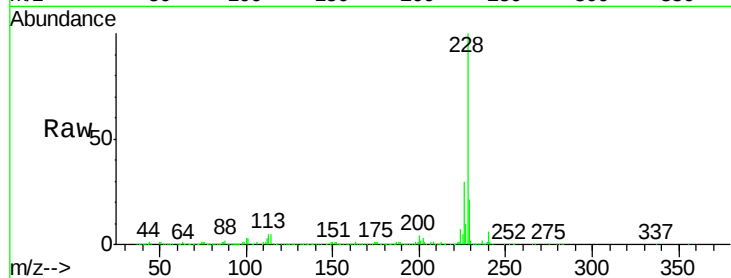
ClientSampleId :

P026-SS015-1824-01MS

Tgt Ion:	228	Resp:	1065651
Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.1	34.7
229	21.4	17.0	25.4

Manual Integrations
APPROVED

Sohil
5/14/2019 8:01:51 PM



#82

3,3'-Dichlorobenzidine

Concen: 25.205 ng

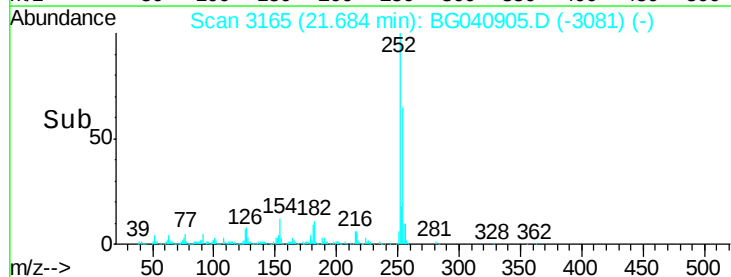
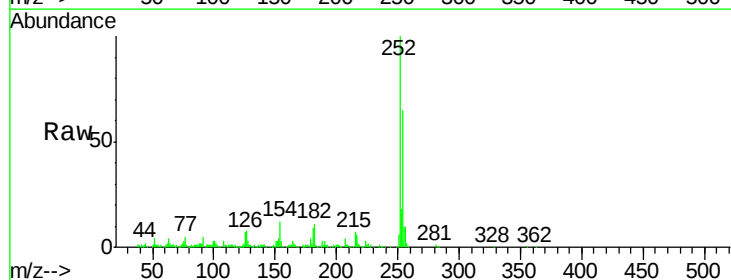
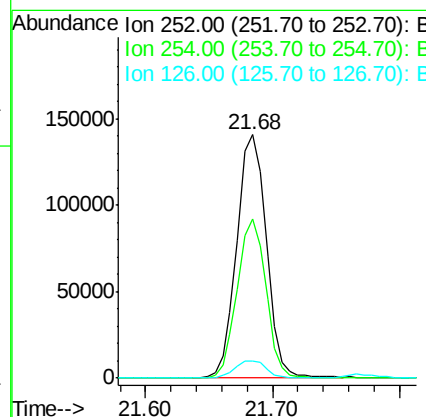
RT: 21.68 min Scan# 3165

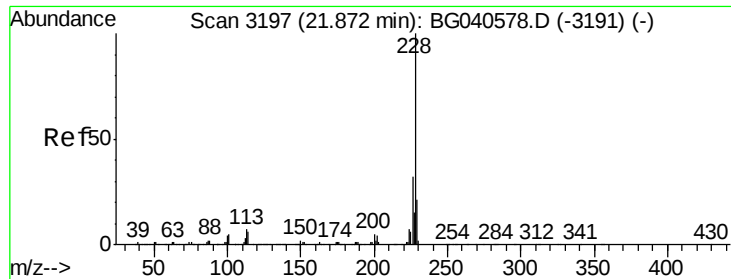
Delta R.T. -0.03 min

Lab File: BG040905.D

Acq: 12 May 2019 12:16

Tgt Ion:	252	Resp:	227879
Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.2	76.8
126	7.1	6.6	10.0





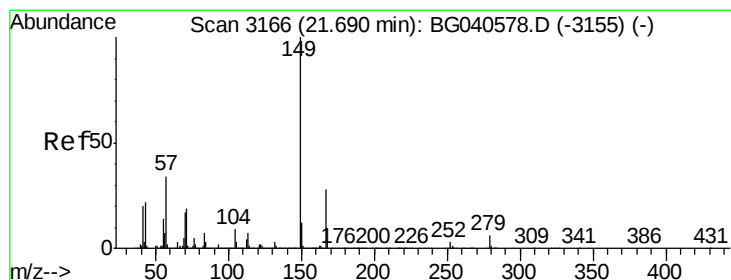
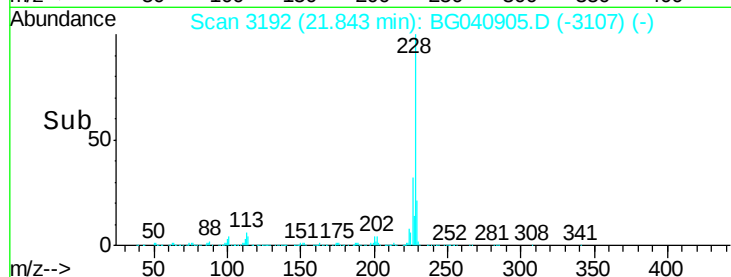
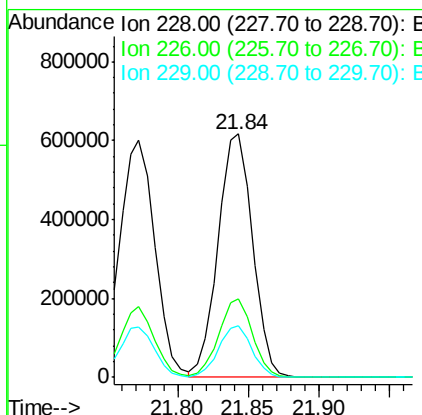
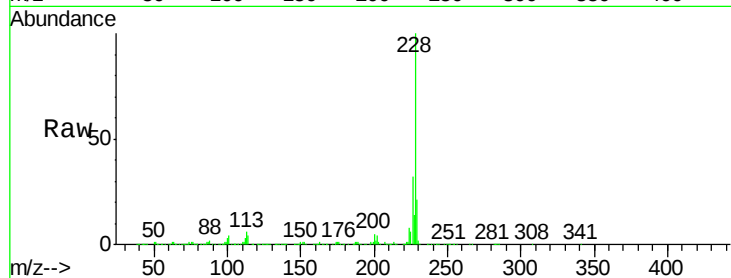
#83
 Chrysene
 Concen: 43.335 ng
 RT: 21.84 min Scan# 3192
 Delta R.T. -0.03 min
 Lab File: BG040905.D
 Acq: 12 May 2019 12:16

Instrument :
 BNA_G
 ClientSampleId :
 P026-SS015-1824-01MS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.5	38.3
229	21.1	16.8	25.2

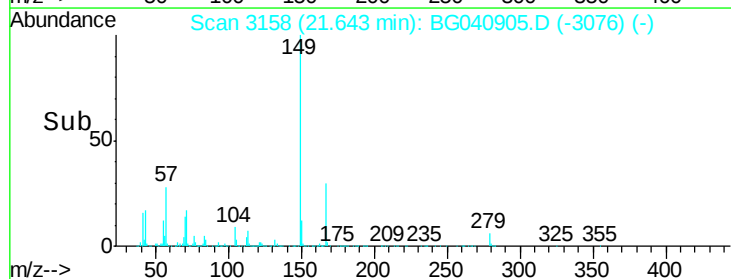
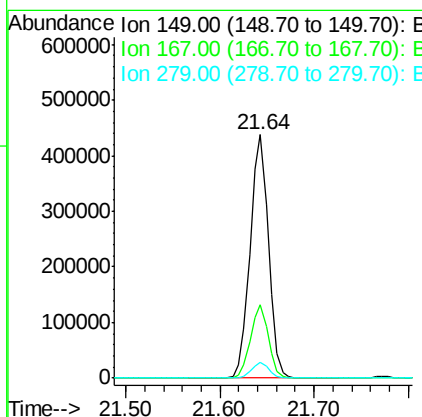
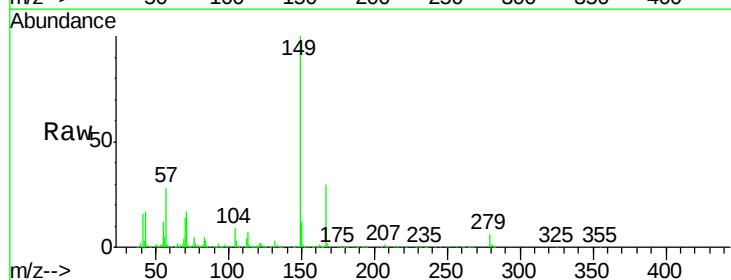
Manual Integrations
 APPROVED

Sohil
 5/14/2019 8:01:51 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.707 ng
 RT: 21.64 min Scan# 3158
 Delta R.T. -0.05 min
 Lab File: BG040905.D
 Acq: 12 May 2019 12:16

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.1	22.4	33.6
279	6.3	4.6	6.8





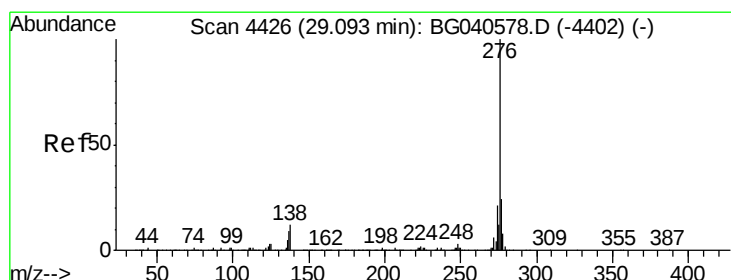
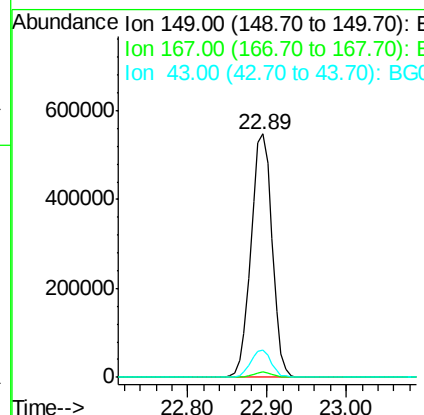
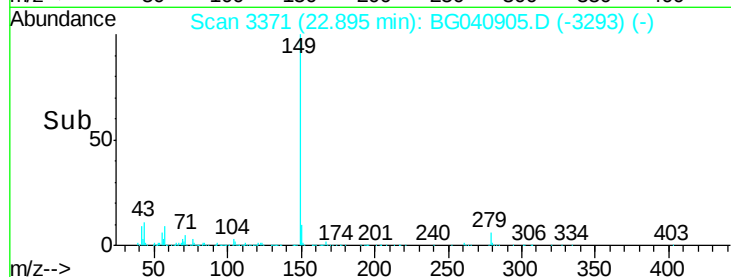
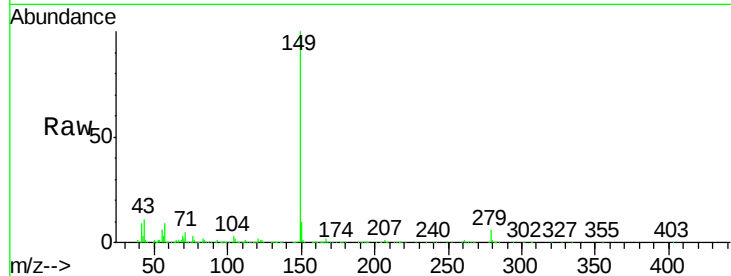
#85
Di-n-octyl phthalate
Concen: 42.412 ng
RT: 22.89 min Scan# 3371
Delta R.T. -0.07 min
Lab File: BG040905.D
Acq: 12 May 2019 12:16

Instrument :
BNA_G
ClientSampleId :
P026-SS015-1824-01MS

Tgt Ion:149 Resp: 1010903
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.2
43 10.7 10.2 15.2

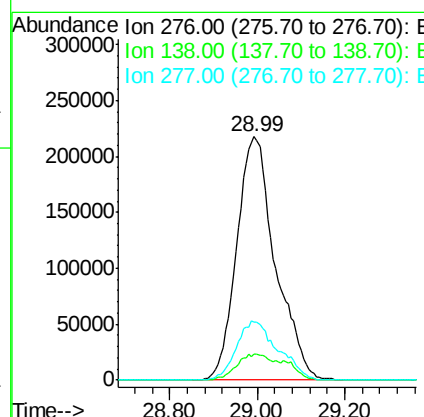
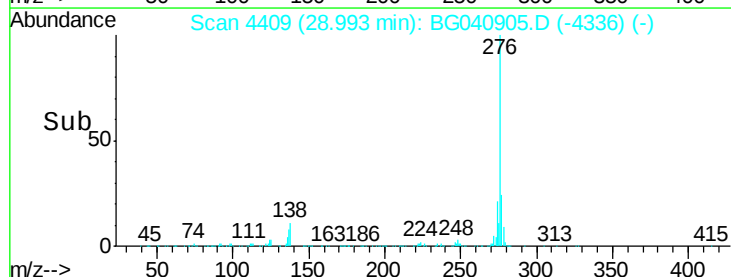
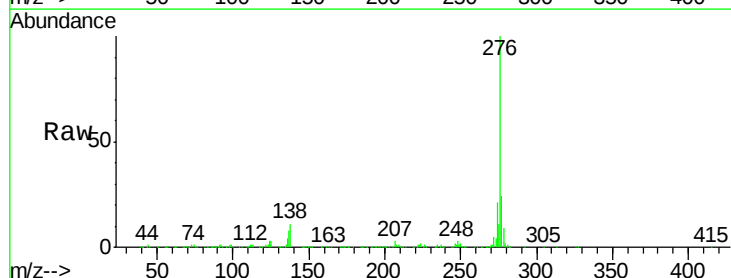
Manual Integrations
APPROVED

Sohil
5/14/2019 8:01:51 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.682 ng
RT: 28.99 min Scan# 4409
Delta R.T. -0.10 min
Lab File: BG040905.D
Acq: 12 May 2019 12:16

Tgt Ion:276 Resp: 1303227
Ion Ratio Lower Upper
276 100
138 10.4 9.8 14.6
277 26.2 17.3 25.9#





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.14 min Scan# 3753

Delta R.T. -0.06 min

Lab File: BG040905.D

Acq: 12 May 2019 12:16

Instrument :

BNA_G

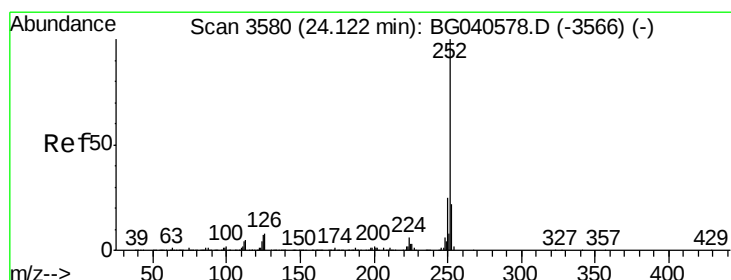
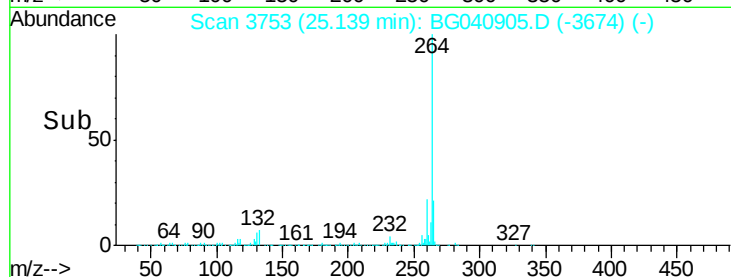
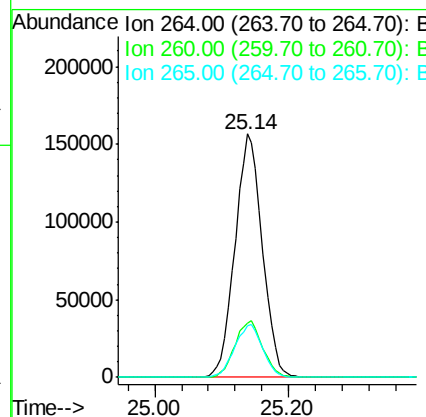
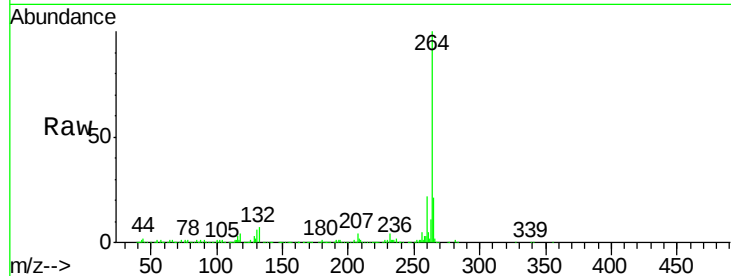
ClientSampleId :

P026-SS015-1824-01MS

Tgt Ion:	264	Resp:	445586
Ion Ratio		Lower	Upper
264	100		
260	22.5	19.2	28.8
265	21.4	16.6	25.0

Manual Integrations
APPROVED

Sohil
5/14/2019 8:01:51 PM



#88

Benzo(b)fluoranthene

Concen: 40.903 ng

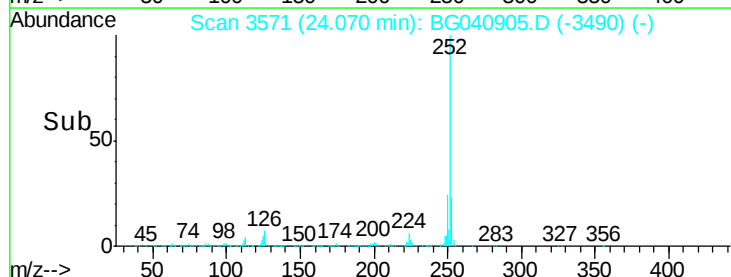
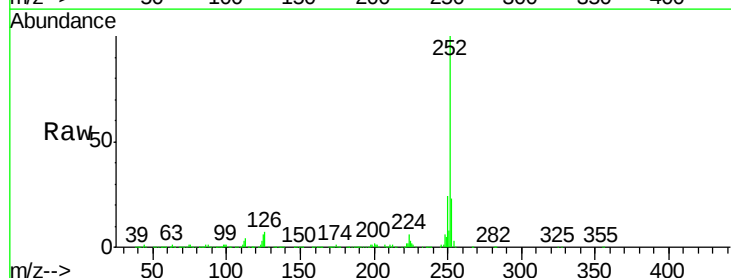
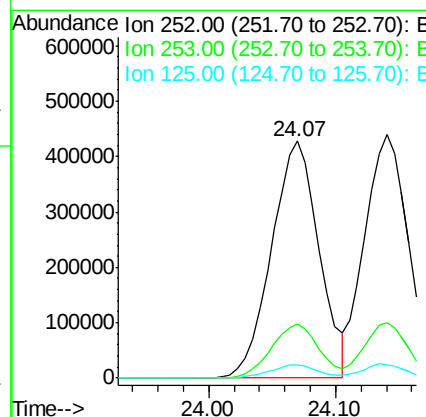
RT: 24.07 min Scan# 3571

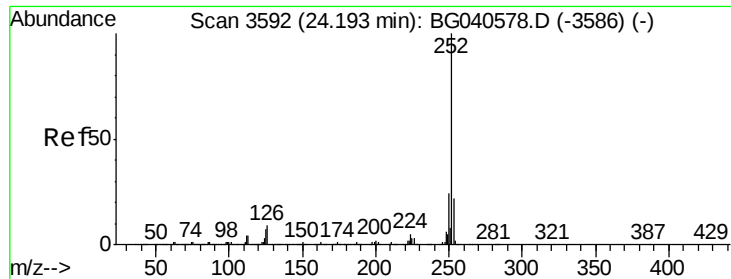
Delta R.T. -0.05 min

Lab File: BG040905.D

Acq: 12 May 2019 12:16

Tgt Ion:	252	Resp:	1113744
Ion Ratio		Lower	Upper
252	100		
253	22.9	17.6	26.4
125	5.5	5.4	8.0





#89

Benzo(k)fluoranthene

Concen: 41.288 ng

RT: 24.14 min Scan# 3583

Delta R.T. -0.05 min

Lab File: BG040905.D

Acq: 12 May 2019 12:16

Instrument :

BNA_G

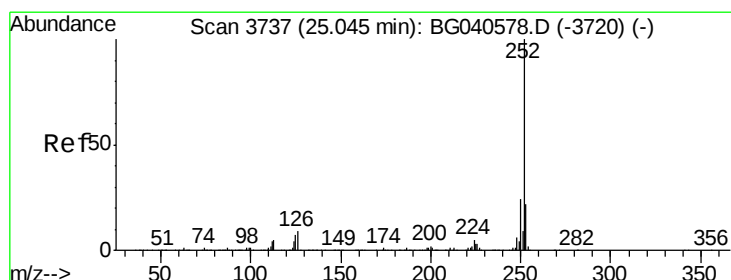
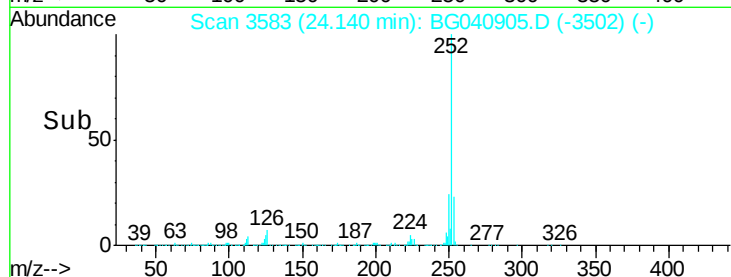
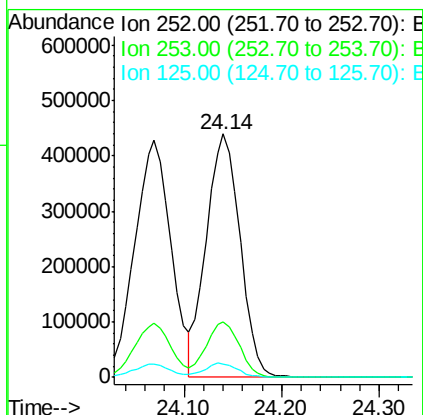
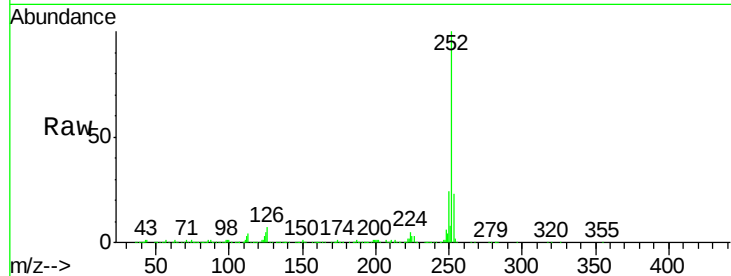
ClientSampleId :

P026-SS015-1824-01MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	5.4	5.5	8.3#

Manual Integrations
APPROVED

Sohil
5/14/2019 8:01:51 PM



#90

Benzo(a)pyrene

Concen: 41.634 ng

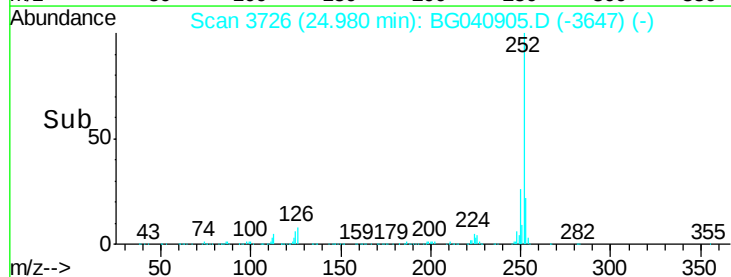
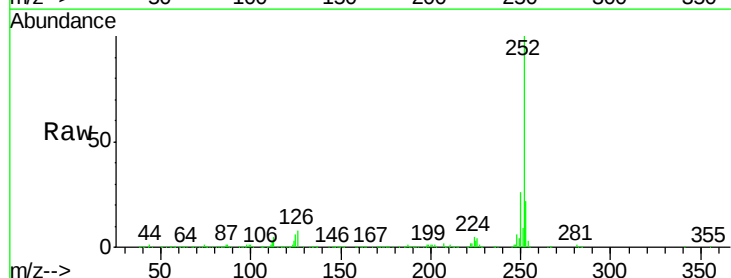
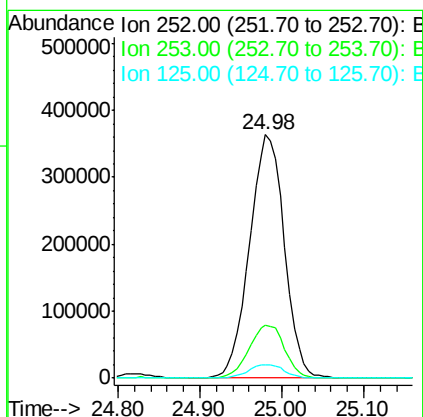
RT: 24.98 min Scan# 3726

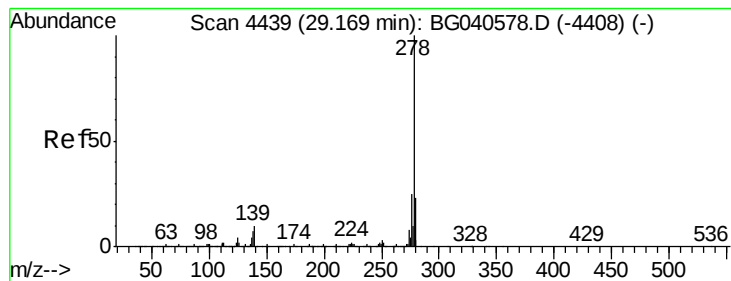
Delta R.T. -0.06 min

Lab File: BG040905.D

Acq: 12 May 2019 12:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	5.5	5.7	8.5#





#91

Dibenzo(a,h)anthracene

Concen: 40.722 ng

RT: 29.06 min Scan# 4421

Delta R.T. -0.11 min

Lab File: BG040905.D

Acq: 12 May 2019 12:16

Instrument :

BNA_G

ClientSampleId :

P026-SS015-1824-01MS

Tgt Ion:278 Resp: 1062158

Ion Ratio Lower Upper

278 100

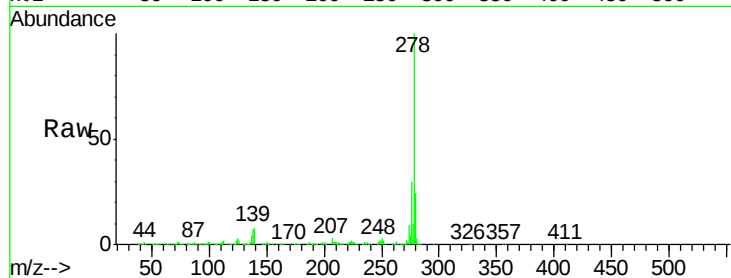
139 8.5 8.2 12.4

279 24.5 18.5 27.7

Manual Integrations
APPROVED

Sohil

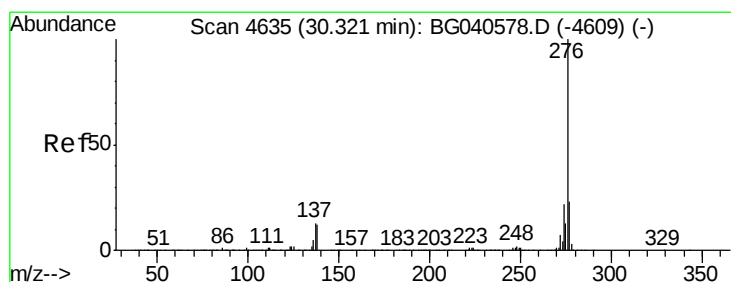
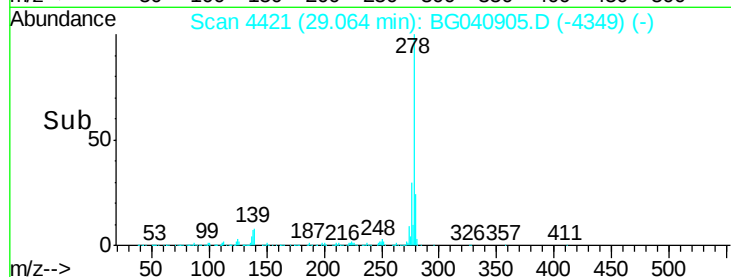
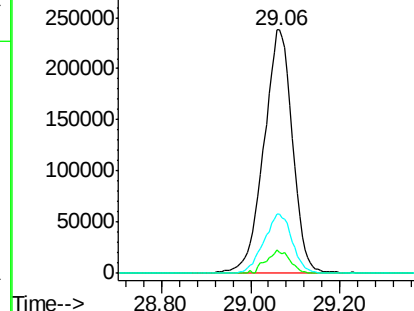
5/14/2019 8:01:51 PM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.457 ng

RT: 30.22 min Scan# 4617

Delta R.T. -0.11 min

Lab File: BG040905.D

Acq: 12 May 2019 12:16

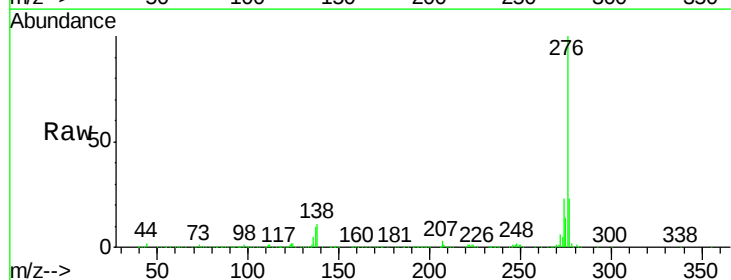
Tgt Ion:276 Resp: 1076168

Ion Ratio Lower Upper

276 100

277 23.0 18.4 27.6

138 11.2 9.8 14.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

