

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032819\
 Data File : BG040204.D
 Acq On : 28 Mar 2019 17:44
 Operator : JU/SJ
 Sample : K2102-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TT-001-IDWSO-20190325MSD

Manual Integrations
 APPROVED

Sohil
 3/29/2019 4:45:38 PM

Quant Time: Mar 29 07:46:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	58278	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	237891	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	149006	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	379795	20.00	ng	0.00
76) Chrysene-d12	21.72	240	378357	20.00	ng	0.00
87) Perylene-d12	25.03	264	393120	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	507254	144.70	ng	0.00
7) Phenol-d6	7.22	99	706152	145.75	ng	0.00
23) Nitrobenzene-d5	9.24	82	407577	91.07	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	256640	159.37	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	789594	78.52	ng	0.00
79) Terphenyl-d14	20.04	244	1315556	78.22	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.52	88	63633	38.603	ng	96
3) Pyridine	3.92	79	163993	36.950	ng	98
4) n-Nitrosodimethylamine	3.84	42	84176	41.002	ng	# 90
6) Aniline	7.40	93	90305	14.347	ng	98
8) 2-Chlorophenol	7.63	128	182663	44.512	ng	95
9) Benzaldehyde	7.21	77	45630	13.730	ng	97
10) Phenol	7.25	94	266517	50.681	ng	97
11) bis(2-Chloroethyl)ether	7.49	93	177671	42.183	ng	99
12) 1,3-Dichlorobenzene	7.95	146	182938	41.009	ng	97
13) 1,4-Dichlorobenzene	8.11	146	184678	41.566	ng	99
14) 1,2-Dichlorobenzene	8.42	146	175681	41.348	ng	99
15) Benzyl Alcohol	8.31	79	165809	42.496	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	328152	40.596	ng	99
17) 2-Methylphenol	8.50	107	164699	45.261	ng	97
18) Hexachloroethane	9.15	117	67062	39.681	ng	99
19) n-Nitroso-di-n-propylamine	8.87	70	138365	39.833	ng	95
20) 3+4-Methylphenols	8.83	107	222690	45.174	ng	98
22) Acetophenone	8.90	105	276718	46.631	ng	# 98
24) Nitrobenzene	9.29	77	207718	44.819	ng	99
25) Isophorone	9.80	82	402587	43.718	ng	97
26) 2-Nitrophenol	10.00	139	98651	44.922	ng	99
27) 2,4-Dimethylphenol	10.04	122	183132	52.499	ng	98
28) bis(2-Chloroethoxy)methane	10.28	93	240567	44.156	ng	99
29) 2,4-Dichlorophenol	10.53	162	185743	49.057	ng	99
30) 1,2,4-Trichlorobenzene	10.74	180	188168	45.260	ng	99
31) Naphthalene	10.94	128	556276	45.620	ng	99
32) Benzoic acid	10.14	122	10604	5.031	ng	89
33) 4-Chloroaniline	11.05	127	47651	9.161	ng	95
34) Hexachlorobutadiene	11.20	225	111666	41.997	ng	97
35) Caprolactam	11.84	113	71044m	47.282	ng	
36) 4-Chloro-3-methylphenol	12.16	107	211854	48.671	ng	100
37) 2-Methylnaphthalene	12.54	142	414060	45.914	ng	100
38) 1-Methylnaphthalene	12.75	142	392297	44.860	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	208751	44.078	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032819\
 Data File : BG040204.D
 Acq On : 28 Mar 2019 17:44
 Operator : JU/SJ
 Sample : K2102-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TT-001-IDWSO-20190325MSD

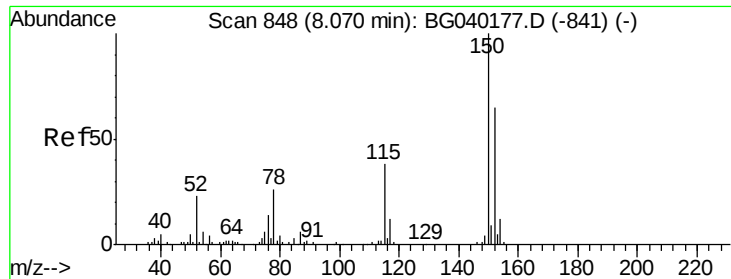
Manual Integrations
 APPROVED

Sohil
 3/29/2019 4:45:38 PM

Quant Time: Mar 29 07:46:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	253528	97.497	nq	98
43) 2,4,6-Trichlorophenol	13.13	196	151943	49.762	nq	92
44) 2,4,5-Trichlorophenol	13.21	196	165248	49.652	nq	100
46) 1,1'-Biphenyl	13.53	154	530917	45.095	nq	100
47) 2-Chloronaphthalene	13.58	162	412050	45.626	nq	100
48) 2-Nitroaniline	13.80	65	142216	46.686	nq	97
49) Acenaphthylene	14.43	152	688906	44.992	nq	99
50) Dimethylphthalate	14.15	163	629993	54.022	nq	98
51) 2,6-Dinitrotoluene	14.29	165	125736	48.018	nq	100
52) Acenaphthene	14.77	154	403095	45.943	nq	97
53) 3-Nitroaniline	14.62	138	49792	17.964	nq	99
54) 2,4-Dinitrophenol	14.82	184	112620	80.872	nq	95
55) Dibenzofuran	15.10	168	656873	46.592	nq	98
56) 4-Nitrophenol	14.92	139	229916	102.777	nq	97
57) 2,4-Dinitrotoluene	15.07	165	183212	50.355	nq	# 97
58) Fluorene	15.75	166	520536	46.961	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	160347	53.093	nq	99
60) Diethylphthalate	15.51	149	581938	48.765	nq	100
61) 4-Chlorophenyl-phenylether	15.73	204	278631	47.027	nq	96
62) 4-Nitroaniline	15.78	138	139929	47.042	nq	97
63) Azobenzene	16.03	77	527980	46.905	nq	98
65) 4,6-Dinitro-2-methylphenol	15.83	198	104641	49.041	nq	97
66) n-Nitrosodiphenylamine	15.95	169	500261	45.012	nq	96
67) 4-Bromophenyl-phenylether	16.63	248	188172	44.027	nq	95
68) Hexachlorobenzene	16.74	284	193722	45.080	nq	97
69) Atrazine	16.89	200	194520	47.051	nq	99
70) Pentachlorophenol	17.09	266	231383	93.132	nq	94
71) Phenanthrene	17.49	178	911320	45.651	nq	99
72) Anthracene	17.58	178	920697	46.078	nq	99
73) Carbazole	17.86	167	897416	47.458	nq	99
74) Di-n-butylphthalate	18.39	149	1042008	46.488	nq	100
75) Fluoranthene	19.50	202	1108618	46.899	nq	99
77) Benzidine	19.68	184	352318	25.786	nq	98
78) Pyrene	19.86	202	1114779	44.804	nq	100
80) Butylbenzylphthalate	20.73	149	485841	45.632	nq	97
81) Benzo(a)anthracene	21.71	228	1027580	44.093	nq	98
82) 3,3'-Dichlorobenzidine	21.62	252	161294	18.194	nq	97
83) Chrysene	21.78	228	987872	44.107	nq	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	692613	45.508	nq	99
85) Di-n-octyl phthalate	22.81	149	1178495	45.448	nq	99
86) Indeno(1,2,3-cd)pyrene	28.82	276	1259063	45.962	nq	99
88) Benzo(b)fluoranthene	23.97	252	1078599	44.814	nq	99
89) Benzo(k)fluoranthene	24.04	252	1049446	47.414	nq	98
90) Benzo(a)pyrene	24.87	252	1066915	47.246	nq	100
91) Dibenzo(a,h)anthracene	28.88	278	1015955	48.440	nq	99
92) Benzo(g,h,i)perylene	30.02	276	1040800	48.287	nq	99

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



#1

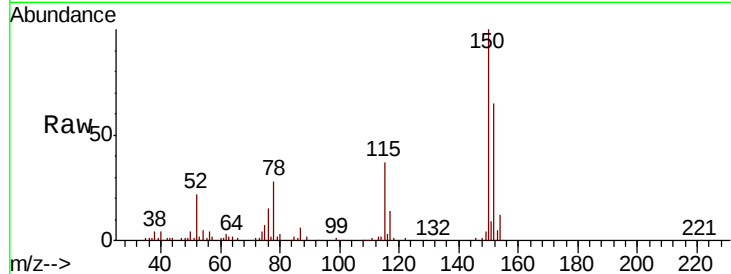
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.00 min
Lab File: BG040204.D
Acq: 28 Mar 2019 17:44

Instrument :
BNA_G
ClientSampleId :
TT-001-IDWSO-20190325MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	123.7	185.5
115	57.6	46.9	70.3

Manual Integrations
APPROVED

Sohil
3/29/2019 4:45:38 PM

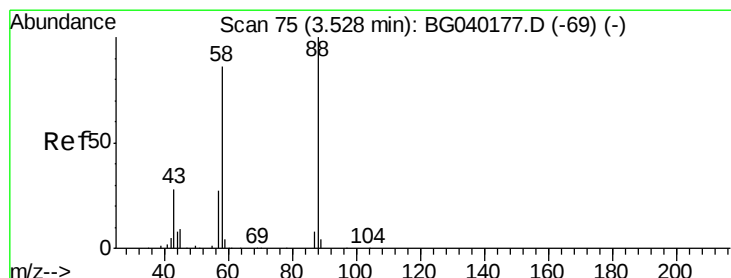
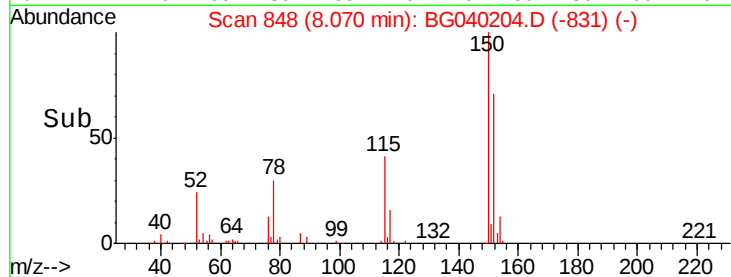
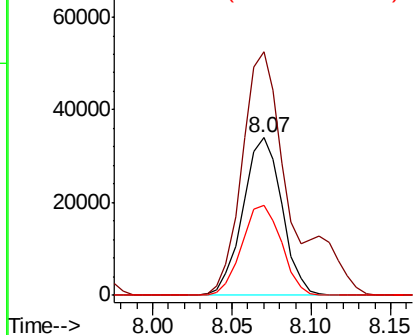


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

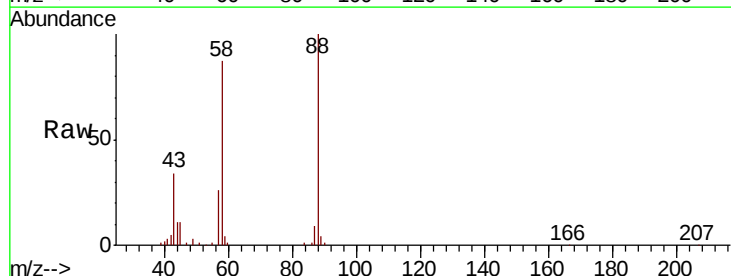
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.603 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BG040204.D
Acq: 28 Mar 2019 17:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.9	70.6	106.0
43	30.1	24.8	37.2

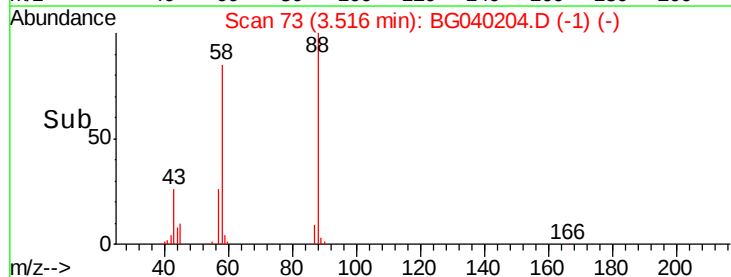
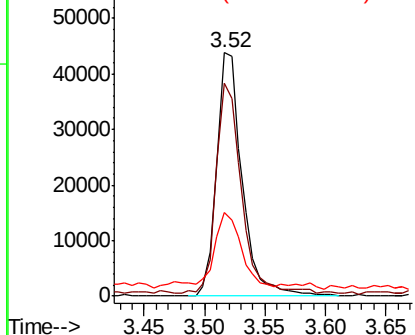


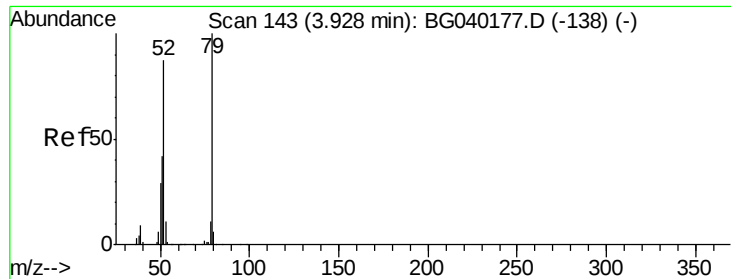
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 36.950 ng

RT: 3.92 min Scan# 141

Delta R.T. -0.01 min

Lab File: BG040204.D

Acq: 28 Mar 2019 17:44

Instrument :

BNA_G

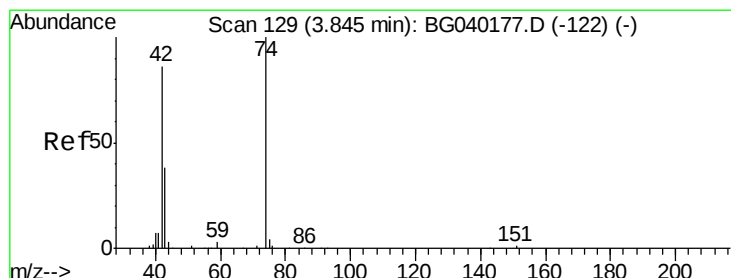
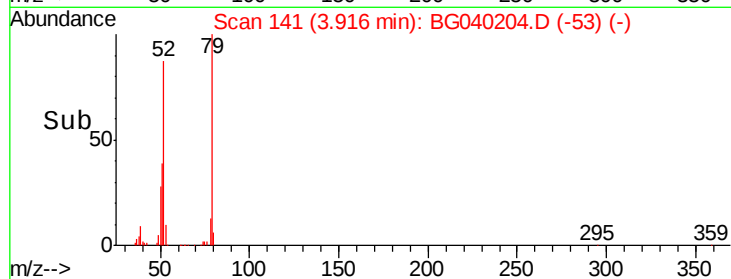
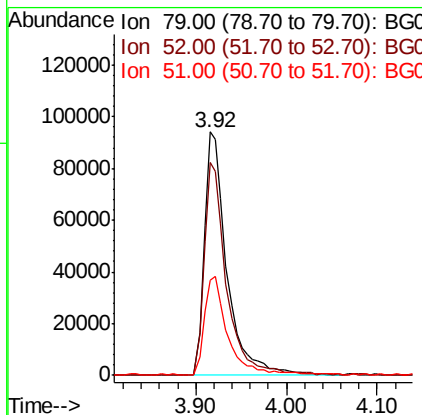
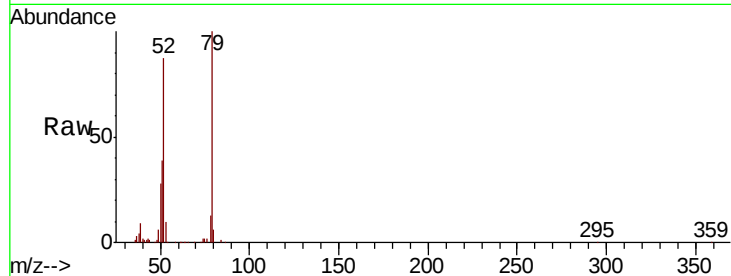
ClientSampleId :

TT-001-IDWSO-20190325MSD

Tot Ion:	79	Resp:	163993
Ion	Ratio	Lower	Upper
79	100		
52	87.4	69.8	104.8
51	39.3	33.9	50.9

Manual Integrations
APPROVED

Sohil
3/29/2019 4:45:38 PM



#4

n-Nitrosodimethylamine

Concen: 41.002 ng

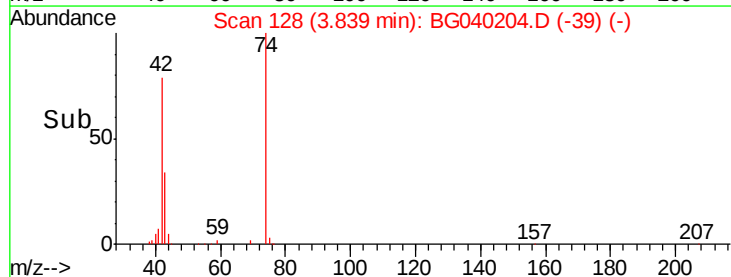
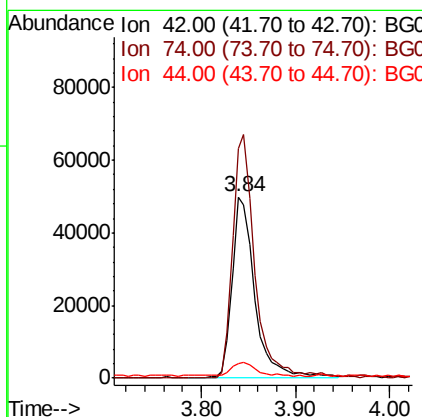
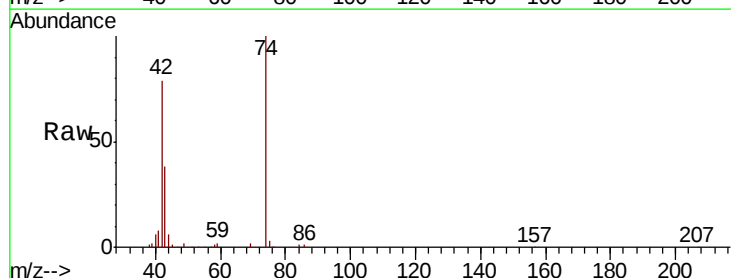
RT: 3.84 min Scan# 128

Delta R.T. -0.01 min

Lab File: BG040204.D

Acq: 28 Mar 2019 17:44

Tgt Ion:	42	Resp:	84176
Ion	Ratio	Lower	Upper
42	100		
74	126.7	92.9	139.3
44	8.2	9.7	14.5#





#5

2-Fluorophenol

Concen: 144.697 ng

RT: 5.63 min Scan# 432

Delta R.T. 0.01 min

Lab File: BG040204.D

Acq: 28 Mar 2019 17:44

Instrument :

BNA_G

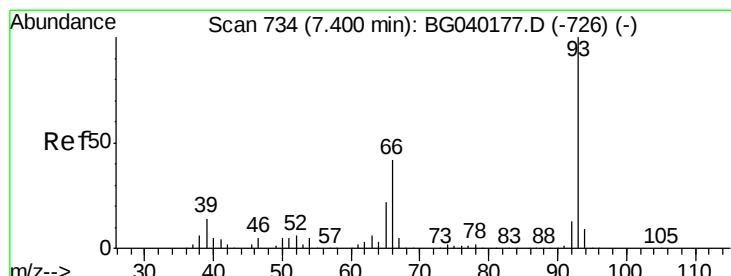
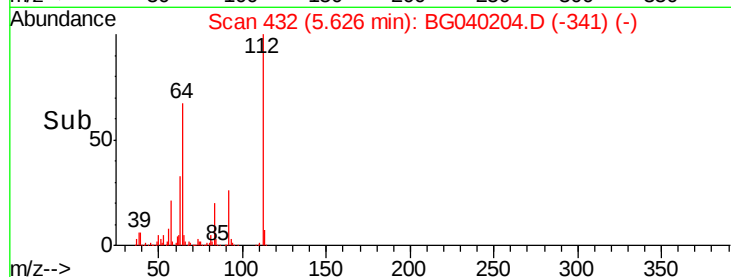
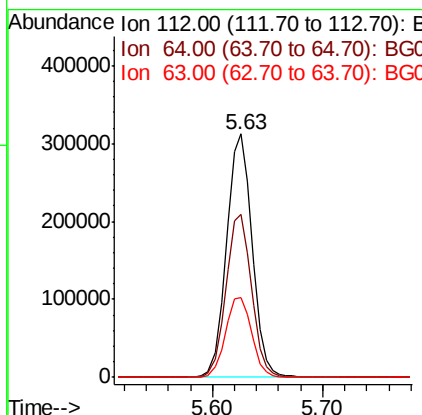
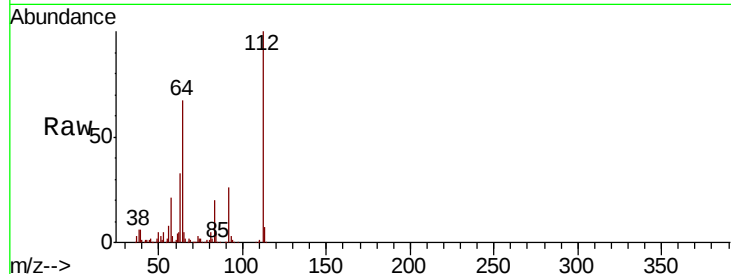
ClientSampleId :

TT-001-IDWSO-20190325MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		507254		
64	66.9	54.2	81.2		
63	32.9	26.4	39.6		

Manual Integrations
APPROVED

Sohil
3/29/2019 4:45:38 PM



#6

Aniline

Concen: 14.347 ng

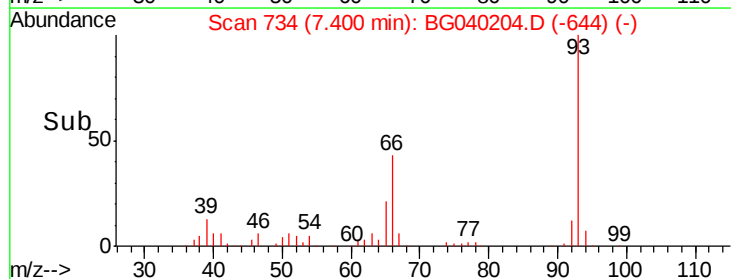
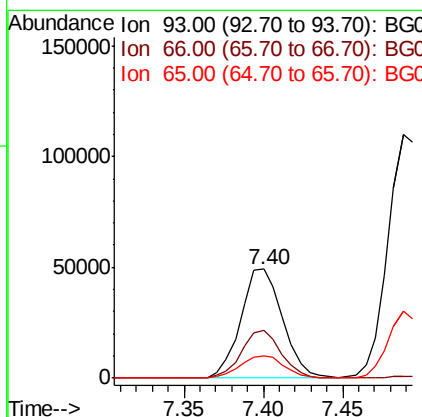
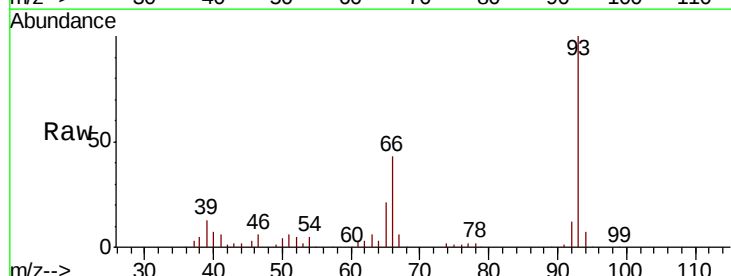
RT: 7.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BG040204.D

Acq: 28 Mar 2019 17:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		90305		
66	43.5	33.6	50.4		
65	20.9	17.4	26.2		





#7

Phenol-d6

Concen: 145.754 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.00 min

Lab File: BG040204.D

Acq: 28 Mar 2019 17:44

Instrument :

BNA_G

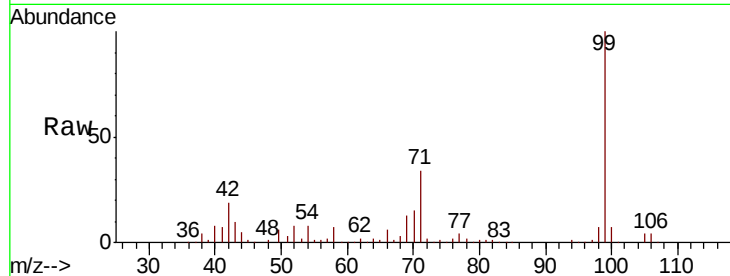
ClientSampleId :

TT-001-IDWSO-20190325MSD

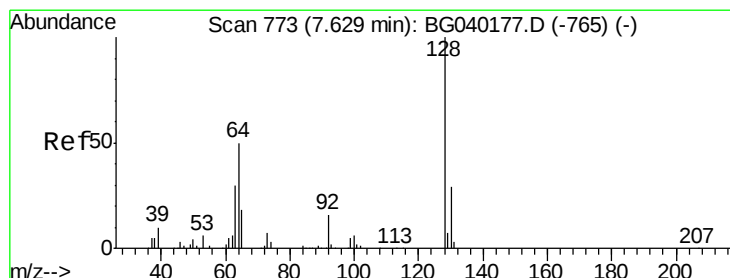
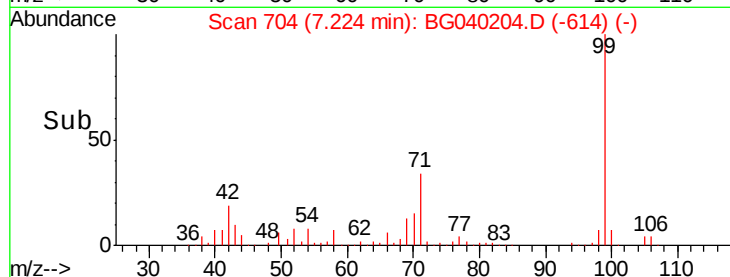
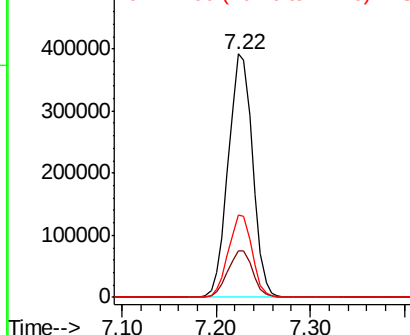
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		706152		
42	19.0	16.2	24.2		
71	33.6	26.8	40.2		

Manual Integrations
APPROVED

Sohil
3/29/2019 4:45:38 PM



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



#8

2-Chlorophenol

Concen: 44.512 ng

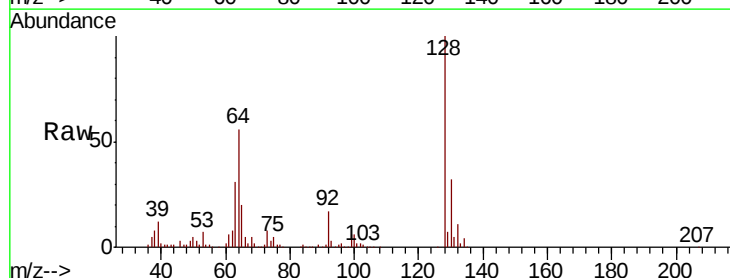
RT: 7.63 min Scan# 773

Delta R.T. -0.00 min

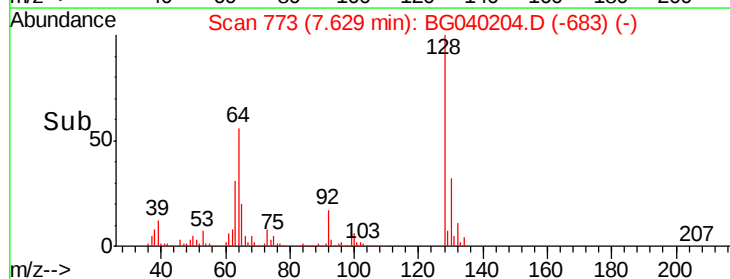
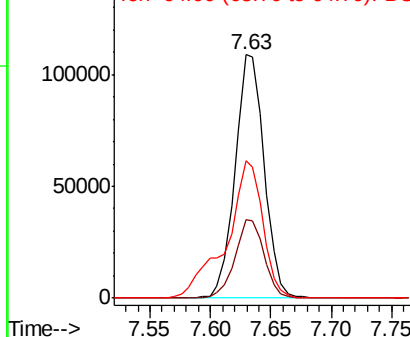
Lab File: BG040204.D

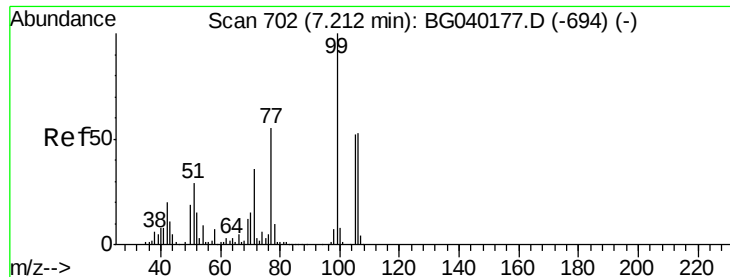
Acq: 28 Mar 2019 17:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		182663		
130	32.3	9.1	49.1		
64	56.4	33.1	73.1		



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





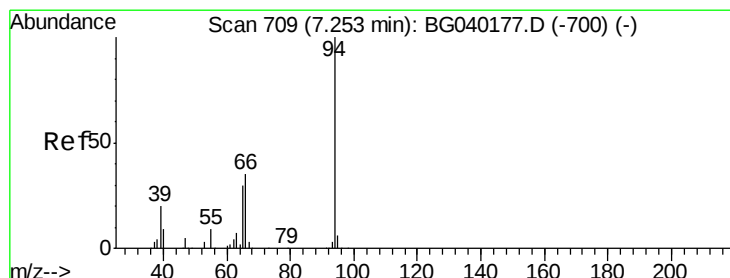
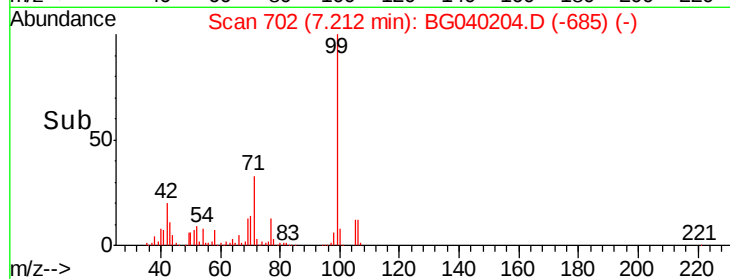
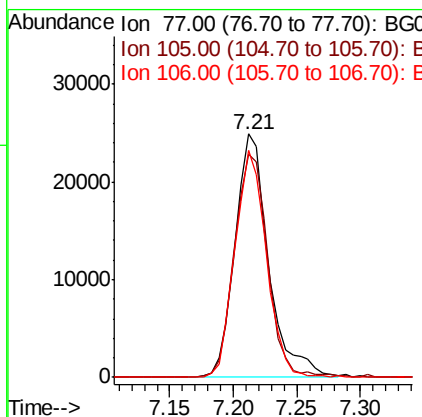
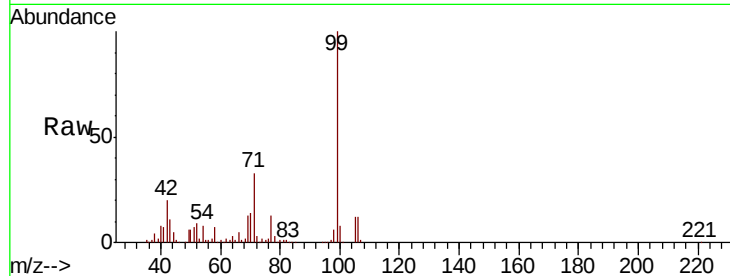
#9
Benzaldehyde
Concen: 13.730 ng
RT: 7.21 min Scan# 702
Delta R.T. -0.00 min
Lab File: BG040204.D
Acq: 28 Mar 2019 17:44

Instrument :
BNA_G
ClientSampleId :
TT-001-IDWSO-20190325MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	91.8	75.0	115.0		
106	93.0	75.7	115.7		

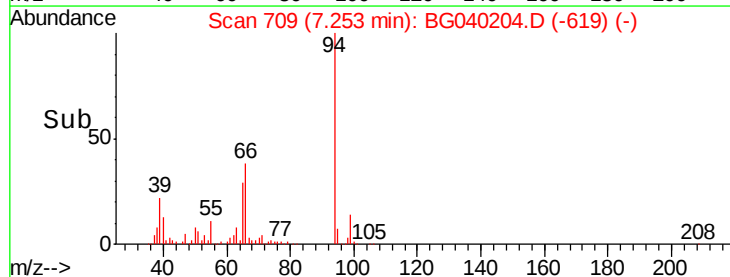
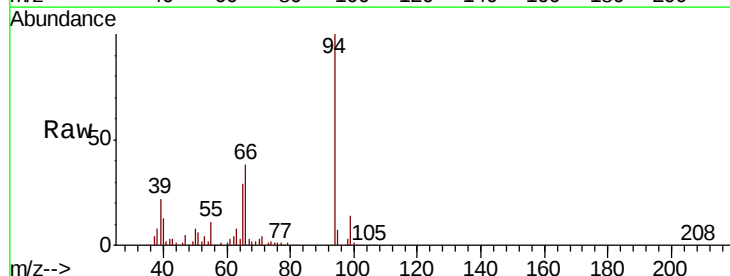
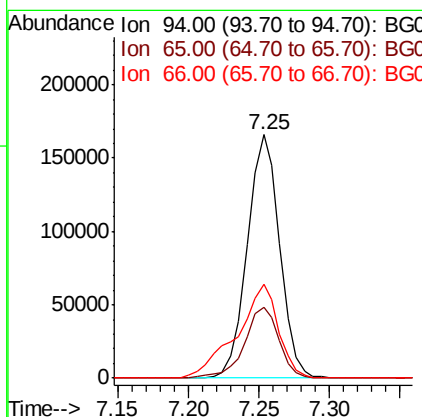
Manual Integrations
APPROVED

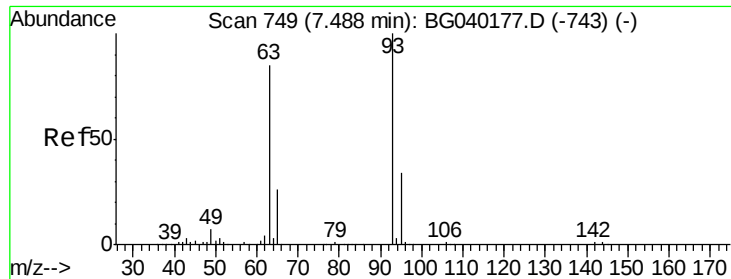
Sohil
3/29/2019 4:45:38 PM



#10
Phenol
Concen: 50.681 ng
RT: 7.25 min Scan# 709
Delta R.T. -0.00 min
Lab File: BG040204.D
Acq: 28 Mar 2019 17:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	28.8	10.5	50.5		
66	38.4	16.9	56.9		





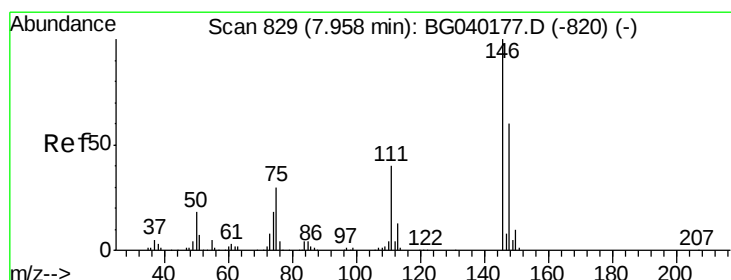
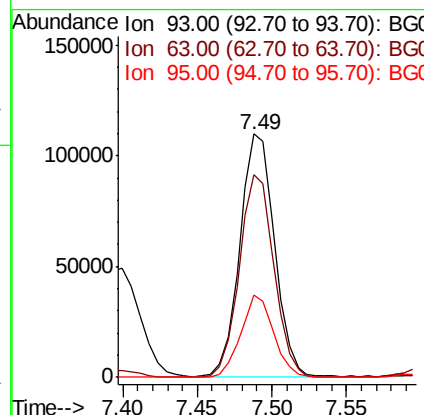
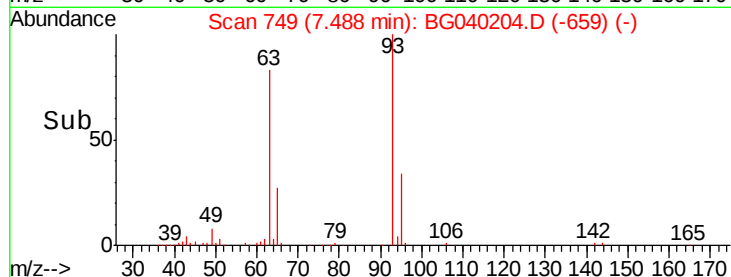
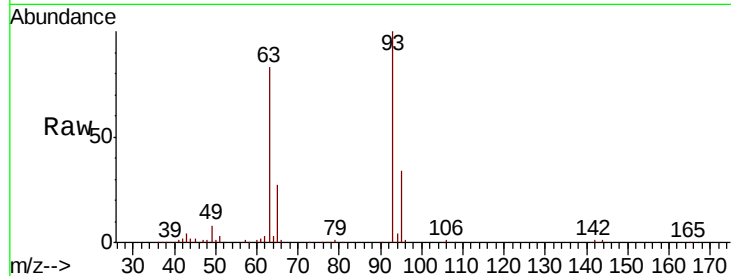
#11
bis(2-Chloroethyl)ether
Concen: 42.183 ng
RT: 7.49 min Scan# 749
Delta R.T. -0.00 min
Lab File: BG040204.D
Acq: 28 Mar 2019 17:44

Instrument :
BNA_G
ClientSampleId :
TT-001-IDWSO-20190325MSD

Tot Ion:	93	Resp:	177671
Ion	Ratio	Lower	Upper
93	100		
63	83.0	64.2	104.2
95	34.0	14.0	54.0

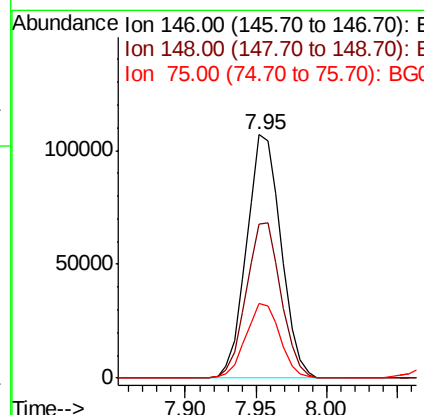
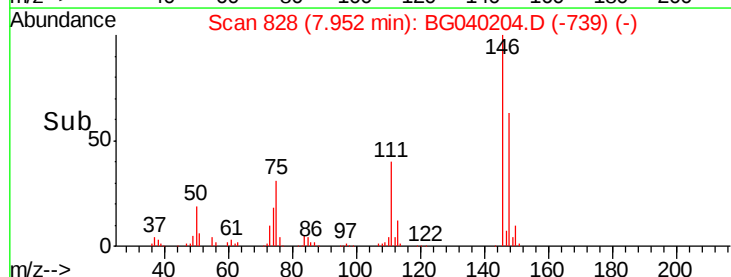
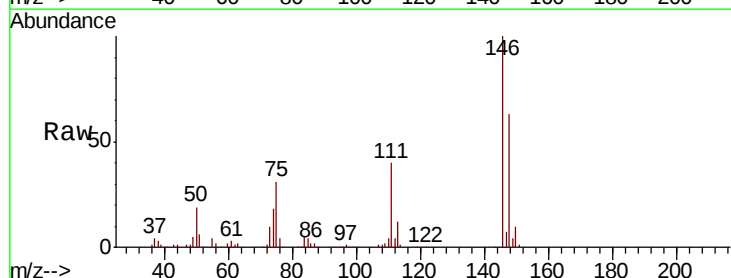
Manual Integrations
APPROVED

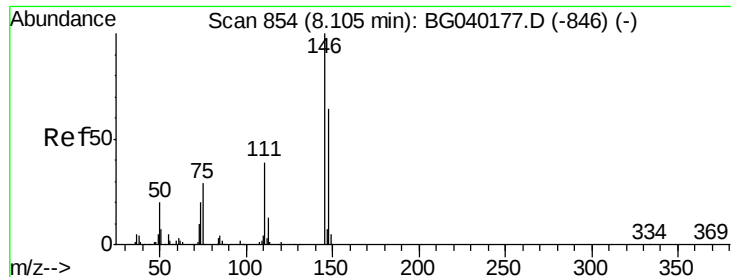
Sohil
3/29/2019 4:45:38 PM



#12
1,3-Dichlorobenzene
Concen: 41.009 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG040204.D
Acq: 28 Mar 2019 17:44

Tgt Ion:	146	Resp:	182938
Ion	Ratio	Lower	Upper
146	100		
148	63.4	48.2	72.2
75	30.8	24.1	36.1





#13

1,4-Dichlorobenzene

Concen: 41.566 ng

RT: 8.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BG040204.D

Acq: 28 Mar 2019 17:44

Instrument :

BNA_G

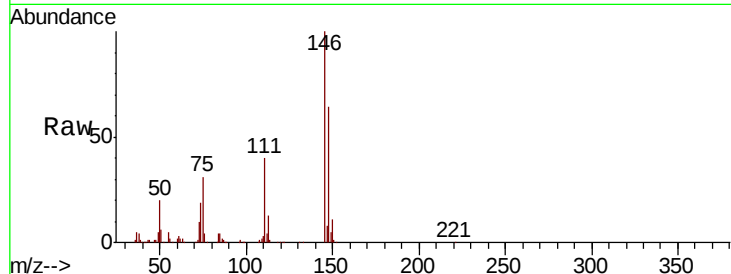
ClientSampleId :

TT-001-IDWSO-20190325MSD

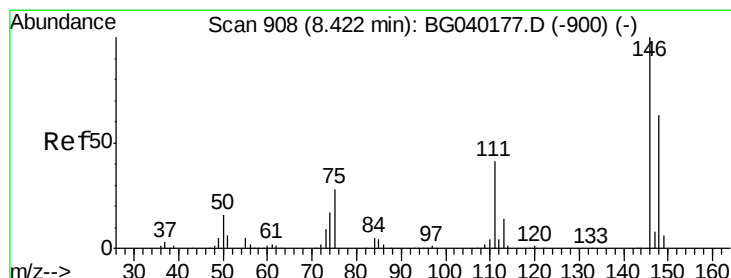
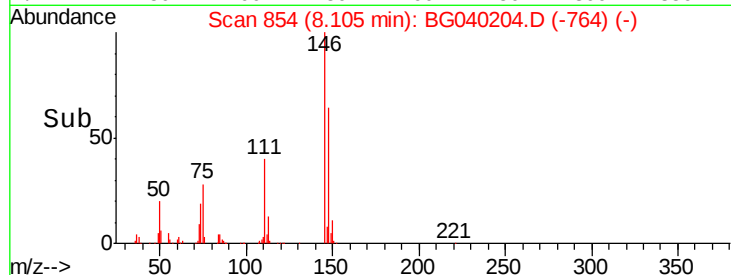
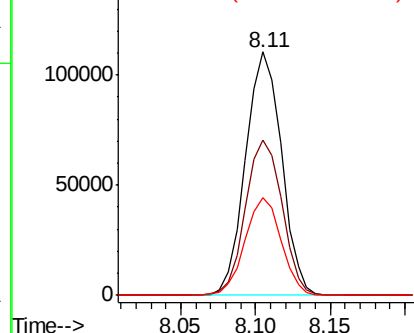
Tot Ion:	146	Resp:	184678
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.0	76.4
111	40.3	31.8	47.6

Manual Integrations
APPROVED

Sohil
3/29/2019 4:45:38 PM



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



#14

1,2-Dichlorobenzene

Concen: 41.348 ng

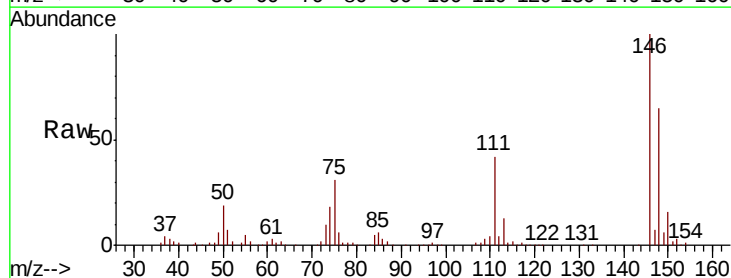
RT: 8.42 min Scan# 908

Delta R.T. -0.00 min

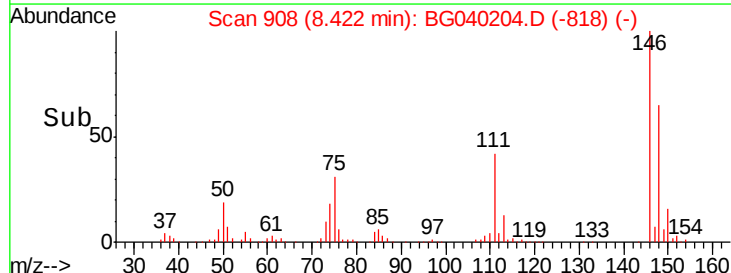
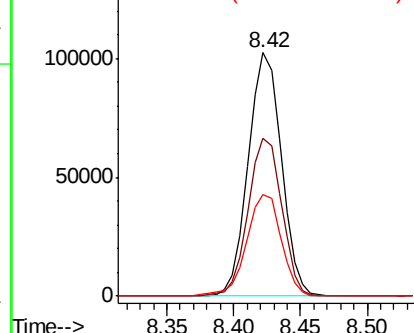
Lab File: BG040204.D

Acq: 28 Mar 2019 17:44

Tgt Ion:	146	Resp:	175681
Ion Ratio	Lower	Upper	
146	100		
148	65.1	50.8	76.2
111	41.7	33.4	50.0



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





#15

Benzyl Alcohol

Concen: 42.496 ng

RT: 8.31 min Scan# 889

Delta R.T. -0.00 min

Lab File: BG040204.D

Acq: 28 Mar 2019 17:44

Instrument :

BNA_G

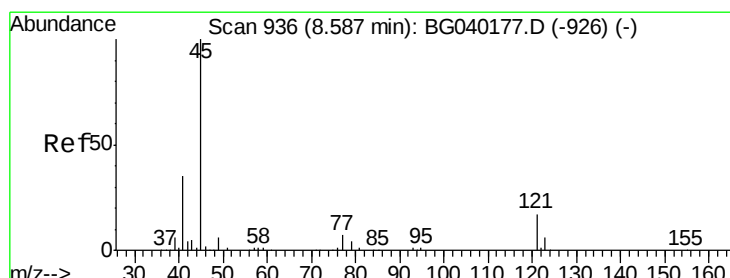
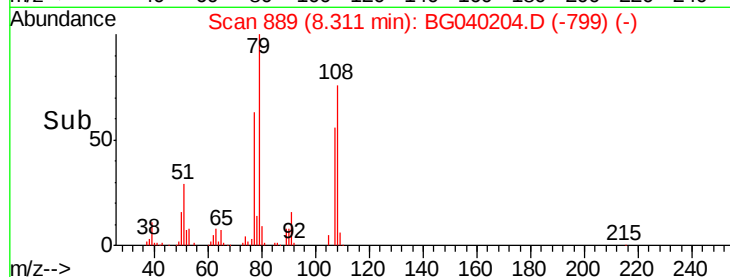
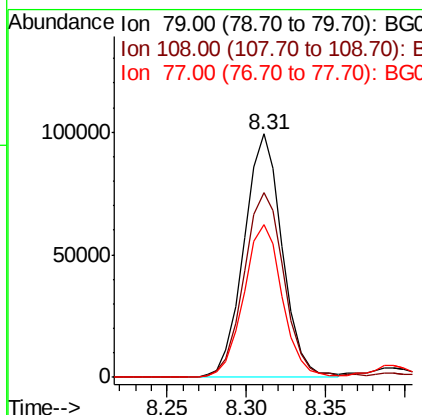
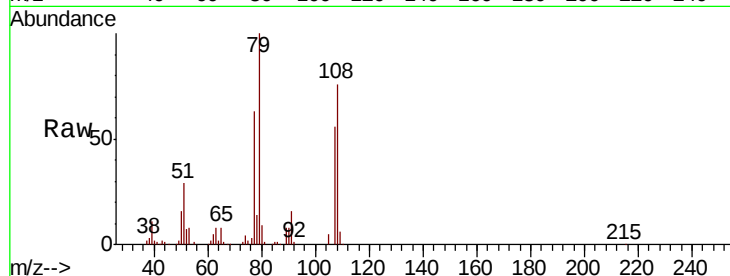
ClientSampleId :

TT-001-IDWSO-20190325MSD

Tot Ion:	79	Resp:	165809
Ion Ratio	Lower	Upper	
79	100		
108	76.1	62.1	93.1
77	63.0	51.9	77.9

Manual Integrations
APPROVED

Sohil
3/29/2019 4:45:38 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.596 ng

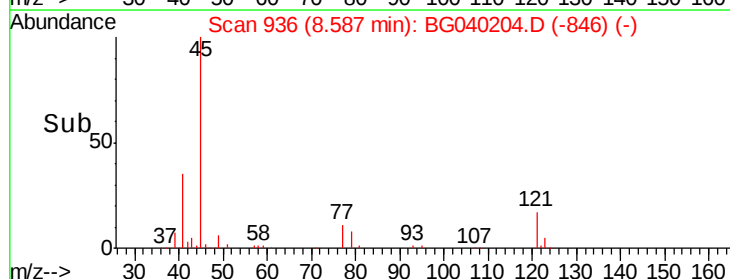
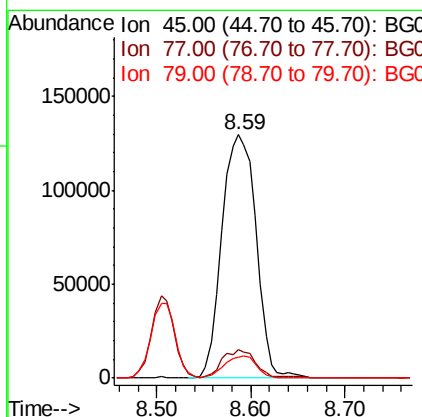
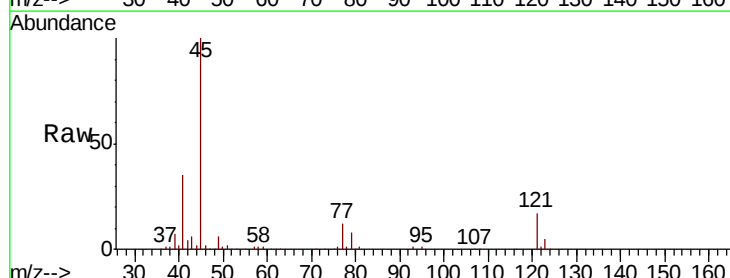
RT: 8.59 min Scan# 936

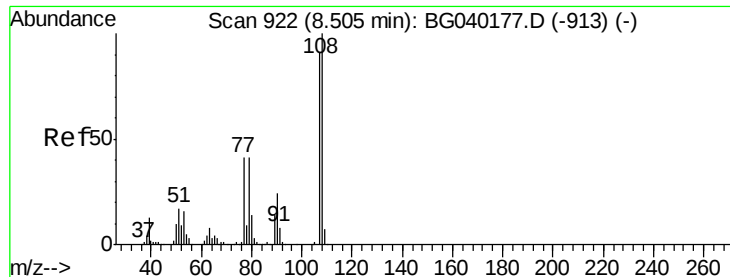
Delta R.T. -0.00 min

Lab File: BG040204.D

Acq: 28 Mar 2019 17:44

Tgt Ion:	45	Resp:	328152
Ion Ratio	Lower	Upper	
45	100		
77	11.7	0.0	31.4
79	8.4	0.0	28.3





#17

2-Methylphenol

Concen: 45.261 ng

RT: 8.50 min Scan# 922

Delta R.T. -0.00 min

Lab File: BG040204.D

Acq: 28 Mar 2019 17:44

Instrument :

BNA_G

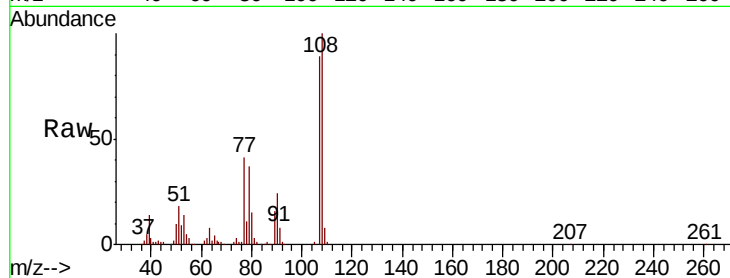
ClientSampleId :

TT-001-IDWSO-20190325MSD

Tot Ion:	107	Resp:	164699
Ion Ratio	Lower	Upper	
107	100		
108	113.0	88.2	132.4
77	45.8	36.6	55.0
79	42.0	36.5	54.7

Manual Integrations
APPROVED

Sohil
3/29/2019 4:45:38 PM



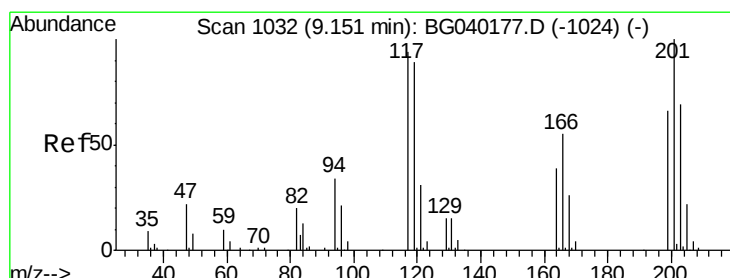
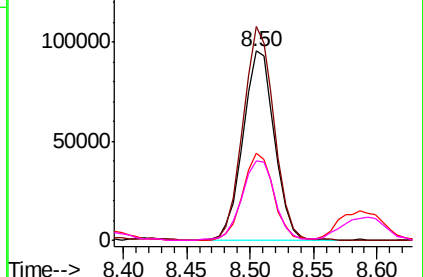
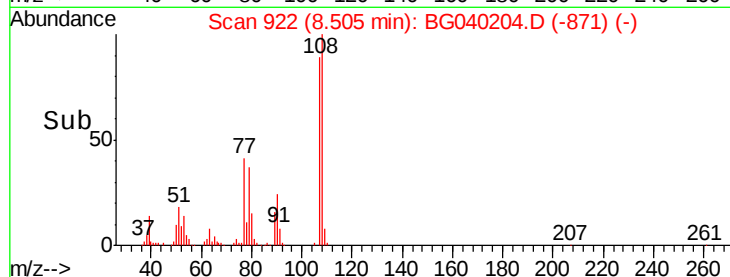
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 39.681 ng

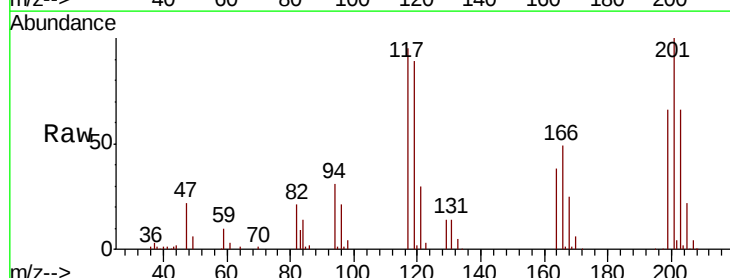
RT: 9.15 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BG040204.D

Acq: 28 Mar 2019 17:44

Tgt Ion:	117	Resp:	67062
Ion Ratio	Lower	Upper	
117	100		
119	94.1	76.6	115.0
201	105.8	85.0	127.4

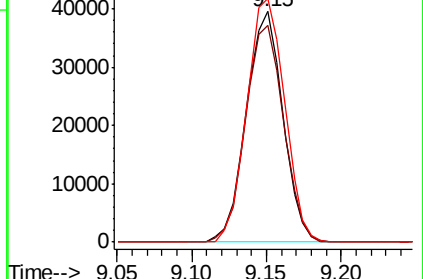
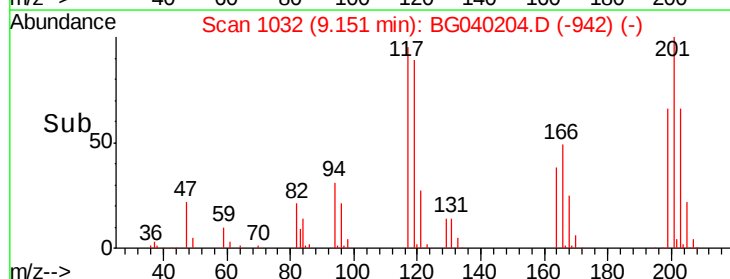


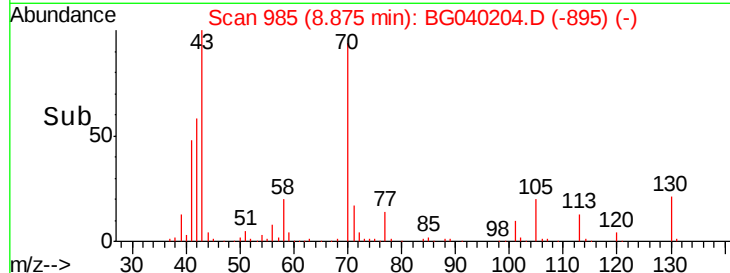
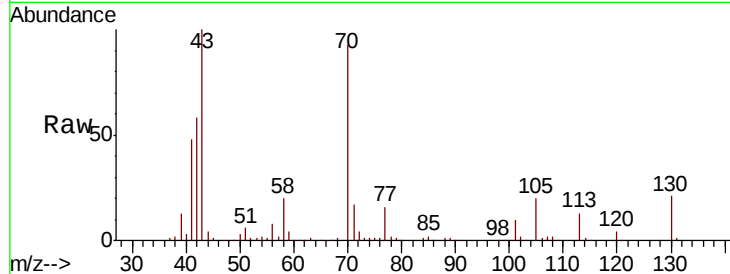
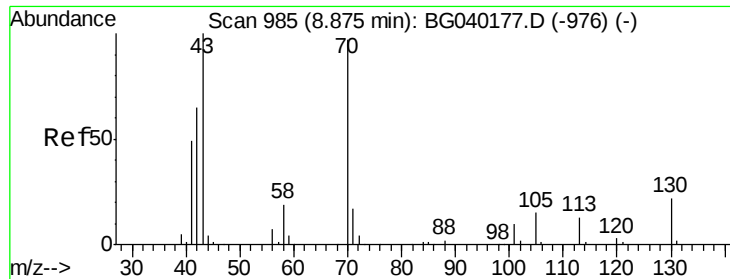
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





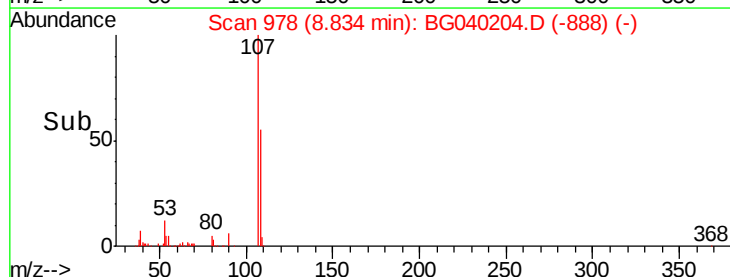
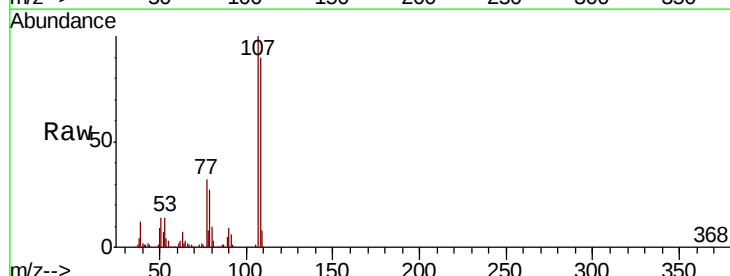
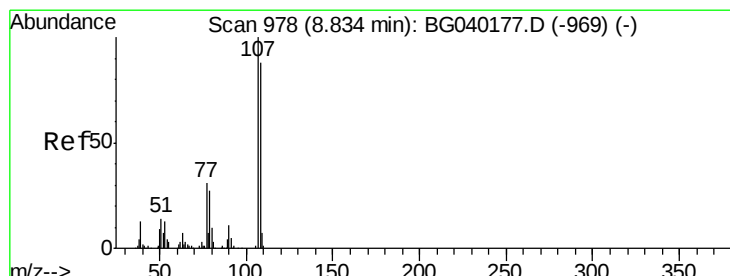
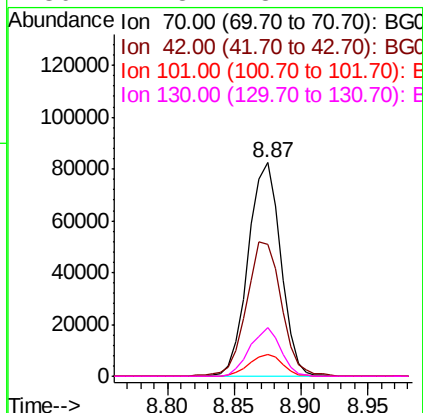
#19
n-Nitroso-di-n-propylamine
Concen: 39.833 ng
RT: 8.87 min Scan# 985
Delta R.T. -0.00 min
Lab File: BG040204.D
Acq: 28 Mar 2019 17:44

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	61.9	54.0	81.0	
101	10.5	8.6	13.0	
130	22.8	18.2	27.2	

Instrument :
BNA_G
ClientSampleId :
TT-001-IDWSO-20190325MSD

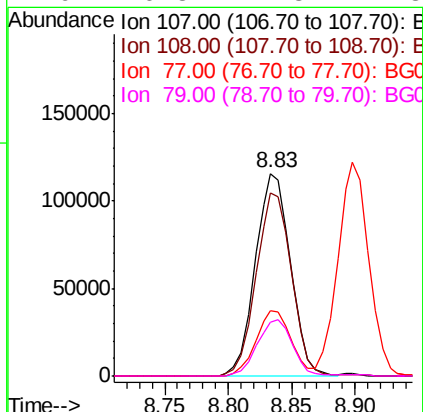
Manual Integrations
APPROVED

Sohil
3/29/2019 4:45:38 PM



#20
3+4-Methylphenols
Concen: 45.174 ng
RT: 8.83 min Scan# 978
Delta R.T. -0.00 min
Lab File: BG040204.D
Acq: 28 Mar 2019 17:44

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.4	68.3	108.3	
77	32.0	11.3	51.3	
79	26.8	7.3	47.3	





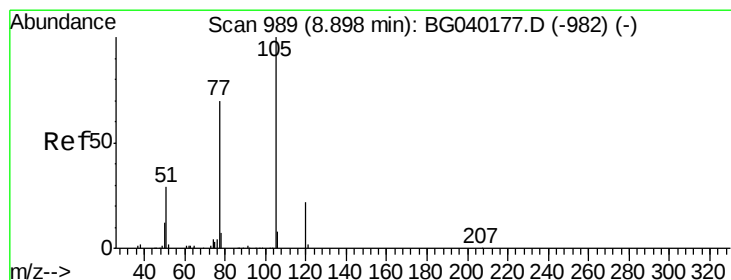
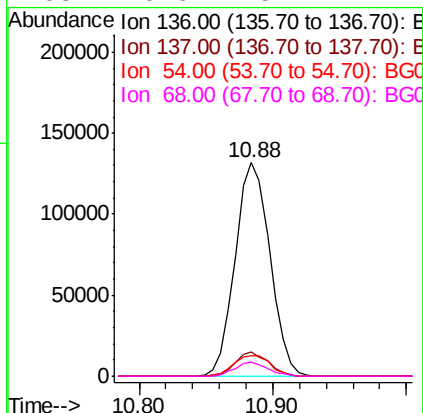
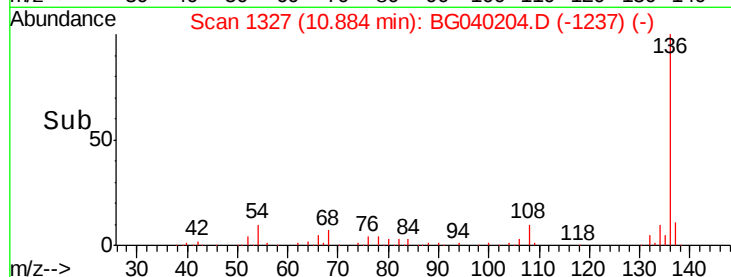
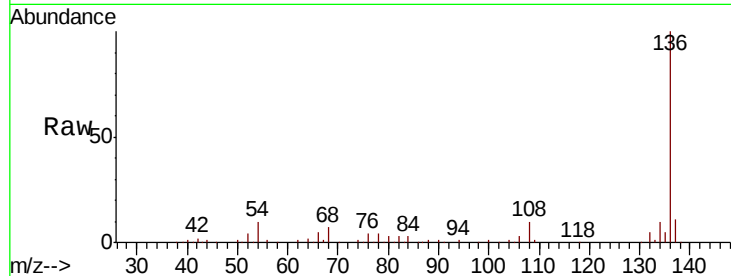
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BG040204.D
Acq: 28 Mar 2019 17:44

Instrument :
BNA_G
ClientSampleId :
TT-001-IDWSO-20190325MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	8.9	13.3	
54	9.8	9.6	14.4	
68	6.6	5.1	7.7	

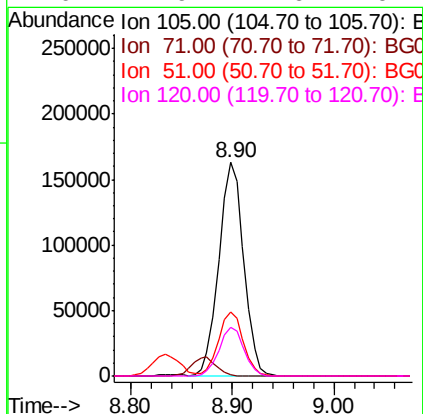
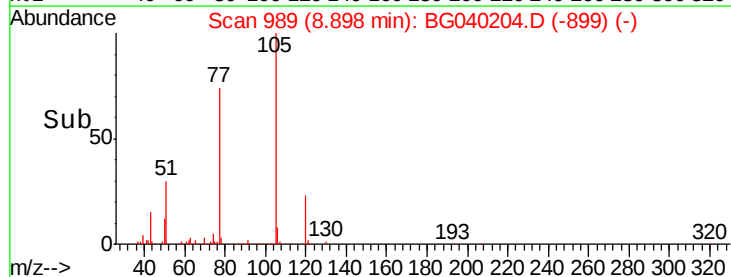
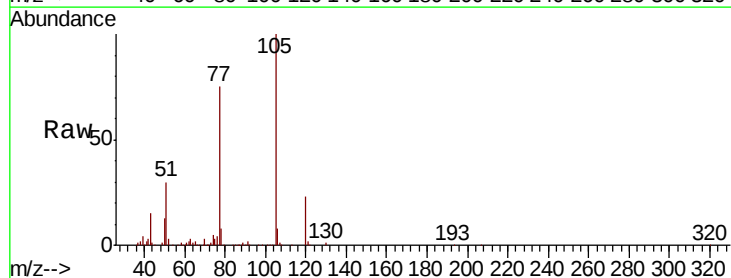
Manual Integrations
APPROVED

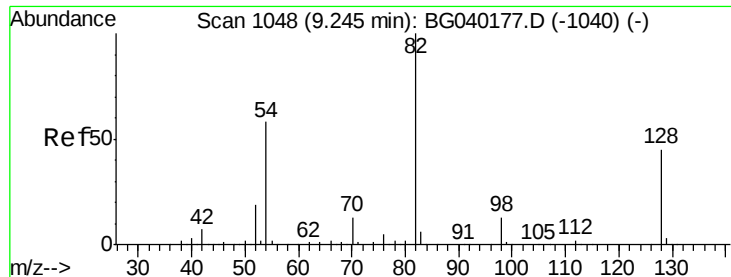
Sohil
3/29/2019 4:45:38 PM



#22
Acetophenone
Concen: 46.631 ng
RT: 8.90 min Scan# 989
Delta R.T. -0.00 min
Lab File: BG040204.D
Acq: 28 Mar 2019 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.5	0.6	1.0#	
51	30.1	25.1	37.7	
120	22.9	17.6	26.4	





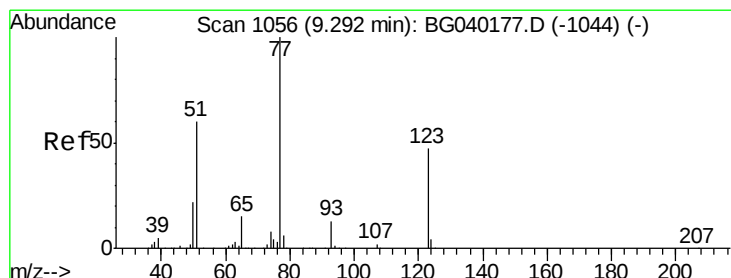
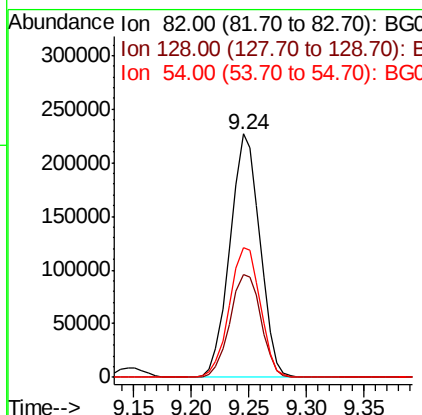
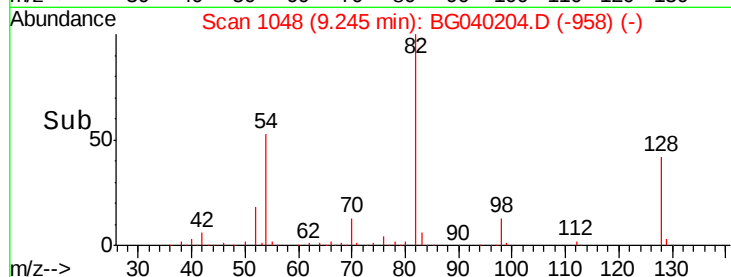
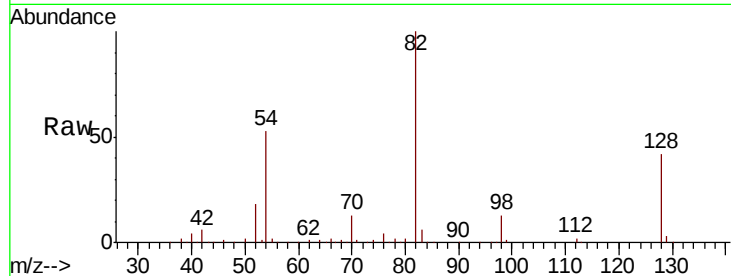
#23
Nitrobenzene-d5
Concen: 91.067 ng
RT: 9.24 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BG040204.D
Acq: 28 Mar 2019 17:44

Instrument :
BNA_G
ClientSampleId :
TT-001-IDWSO-20190325MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.1	35.8	53.8
54	53.3	46.2	69.2

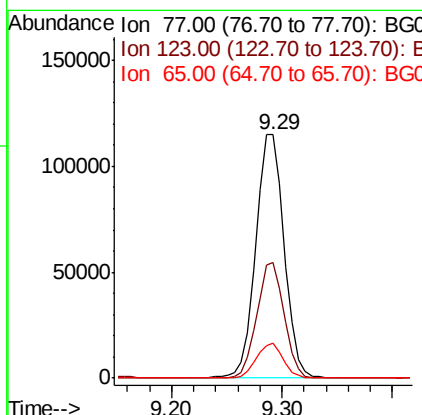
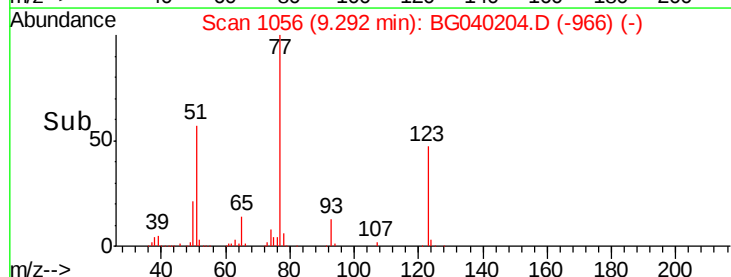
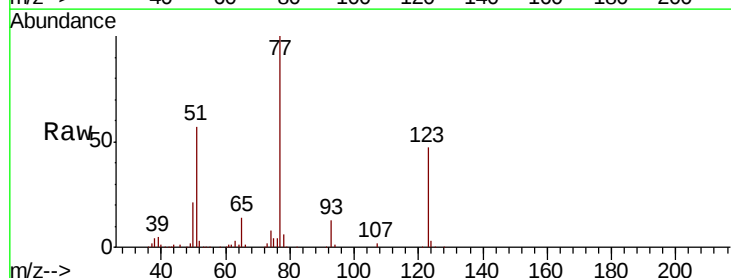
Manual Integrations
APPROVED

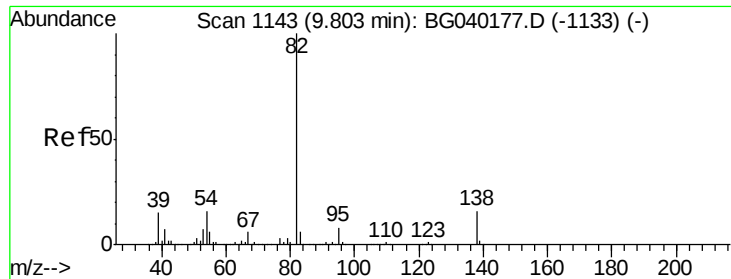
Sohil
3/29/2019 4:45:38 PM



#24
Nitrobenzene
Concen: 44.819 ng
RT: 9.29 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BG040204.D
Acq: 28 Mar 2019 17:44

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.3	37.8	56.6
65	14.2	12.0	18.0





#25

Isophorone

Concen: 43.718 ng

RT: 9.80 min Scan# 1143

Delta R.T. -0.00 min

Lab File: BG040204.D

Acq: 28 Mar 2019 17:44

Instrument :

BNA_G

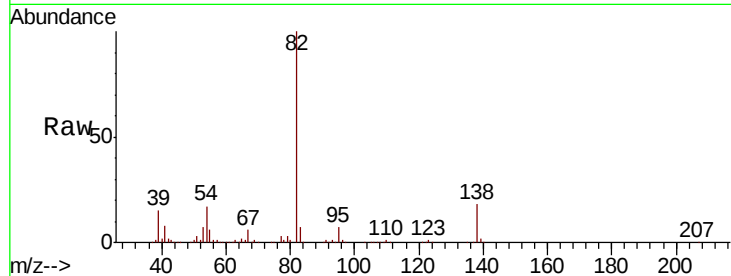
ClientSampleId :

TT-001-IDWSO-20190325MSD

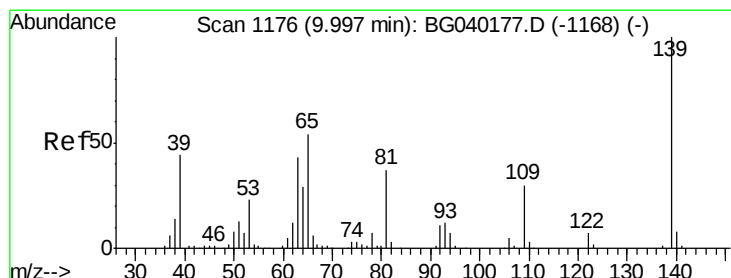
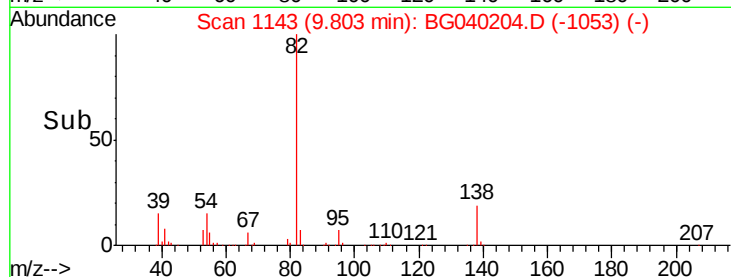
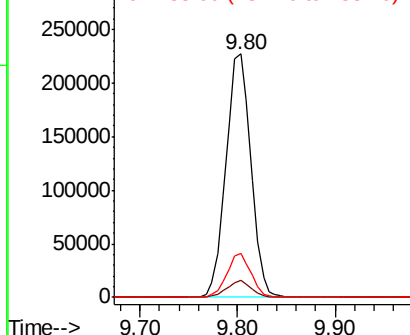
Tot Ion:	82	Resp:	402587
Ion Ratio	Lower	Upper	
82	100		
95	6.9	6.1	9.1
138	17.8	13.2	19.8

Manual Integrations
APPROVED

Sohil
3/29/2019 4:45:38 PM



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 44.922 ng

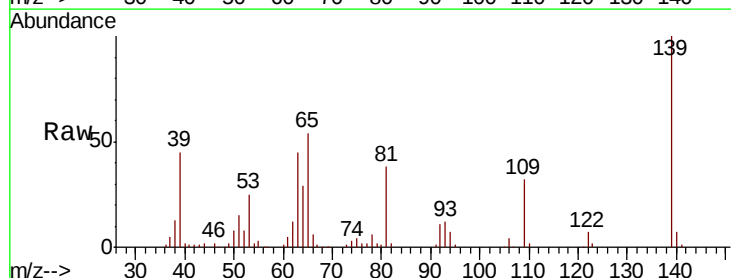
RT: 10.00 min Scan# 1176

Delta R.T. -0.00 min

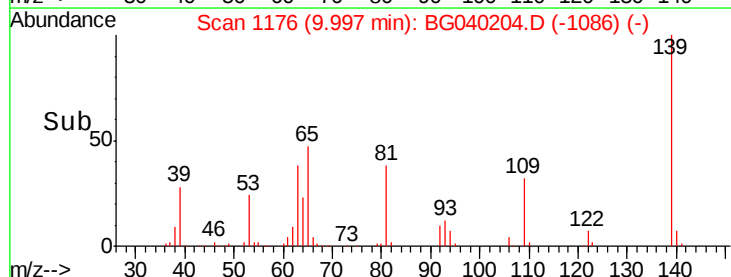
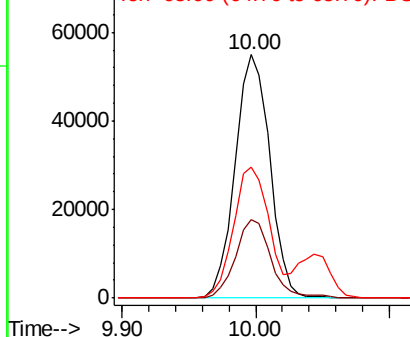
Lab File: BG040204.D

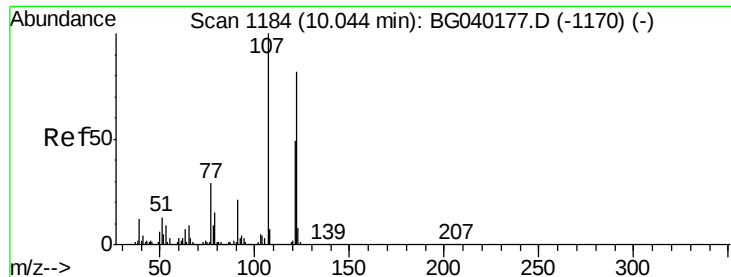
Acq: 28 Mar 2019 17:44

Tgt Ion:	139	Resp:	98651
Ion Ratio	Lower	Upper	
139	100		
109	32.0	24.1	36.1
65	53.9	43.0	64.6



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





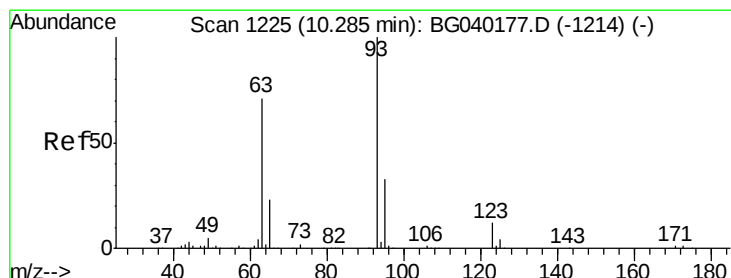
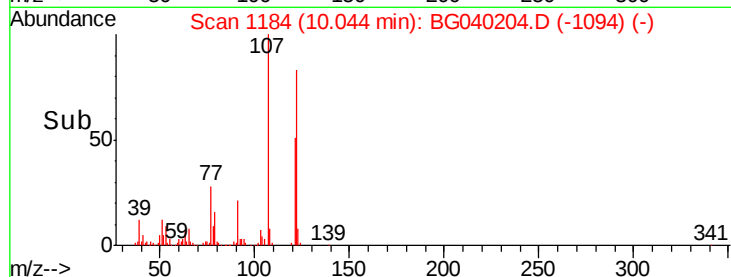
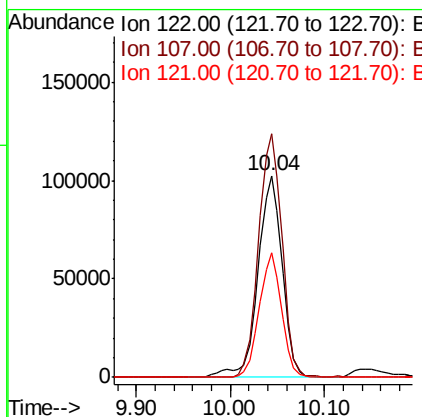
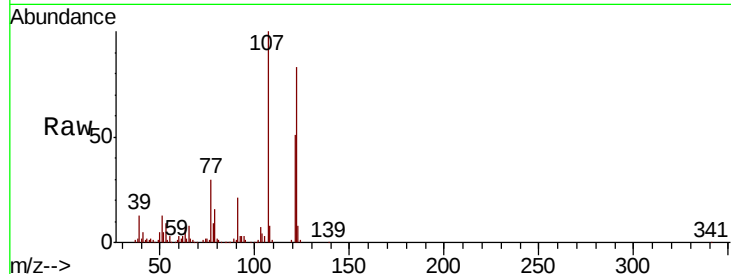
#27
2,4-Dimethylphenol
Concen: 52.499 ng
RT: 10.04 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BG040204.D
Acq: 28 Mar 2019 17:44

Instrument :
BNA_G
ClientSampleId :
TT-001-IDWSO-20190325MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	183132		
107	120.8	97.4	146.2	
121	62.1	47.7	71.5	

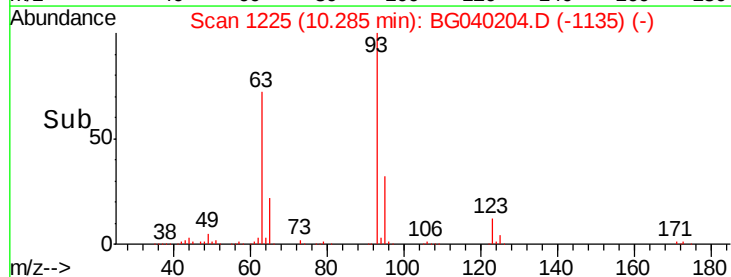
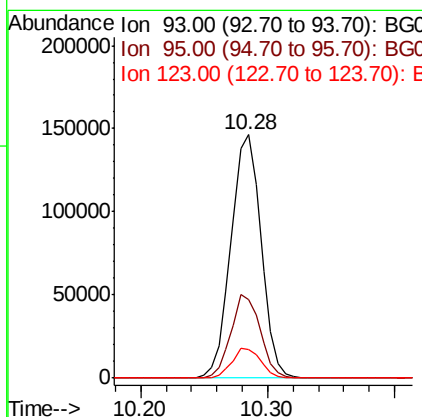
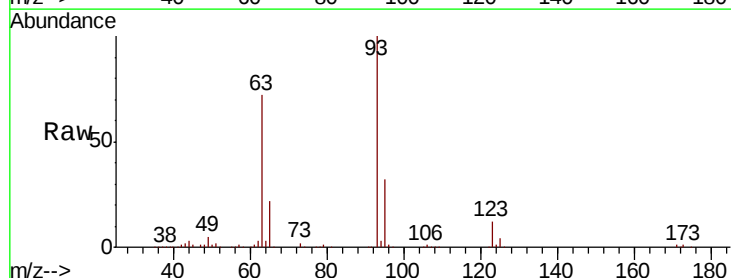
Manual Integrations
APPROVED

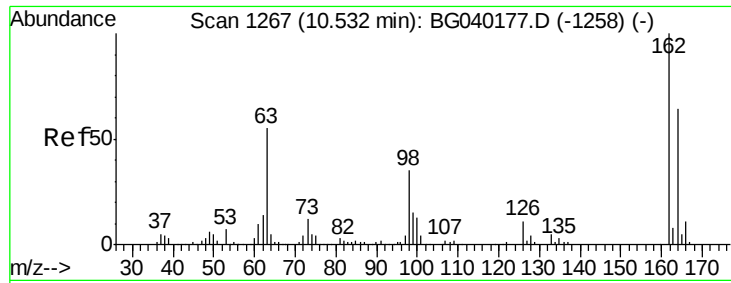
Sohil
3/29/2019 4:45:38 PM



#28
bis(2-Chloroethoxy)methane
Concen: 44.156 ng
RT: 10.28 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BG040204.D
Acq: 28 Mar 2019 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	240567		
95	32.4	26.2	39.4	
123	11.9	9.4	14.0	





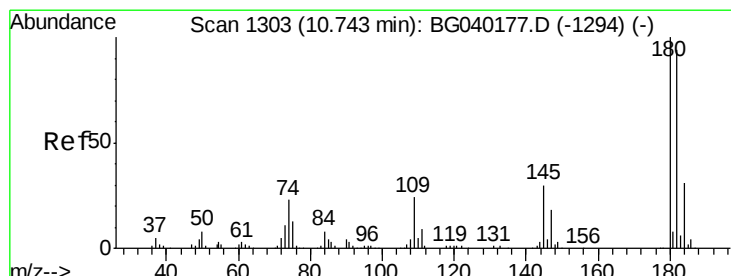
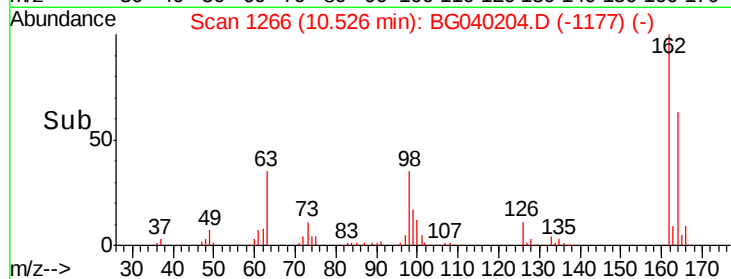
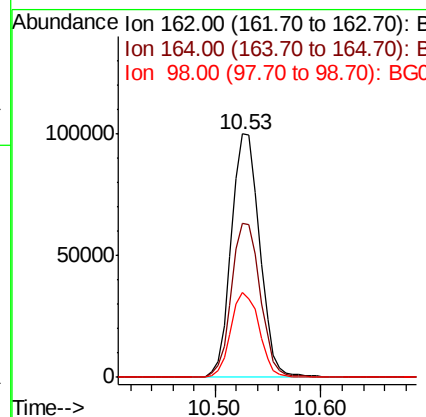
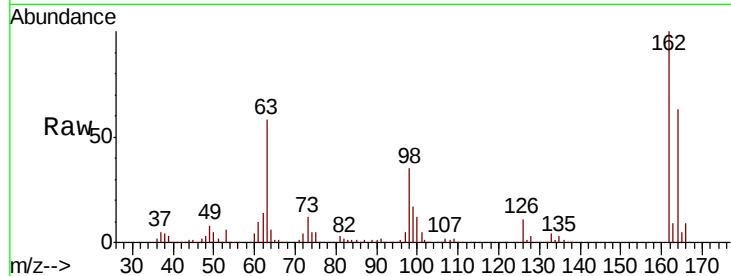
#29
 2,4-Dichlorophenol
 Concen: 49.057 ng
 RT: 10.53 min Scan# 1266
 Delta R.T. -0.01 min
 Lab File: BG040204.D
 Acq: 28 Mar 2019 17:44

Instrument :
 BNA_G
 ClientSampleId :
 TT-001-IDWSO-20190325MSD

Tot Ion:	162	Resp:	185743
Ion Ratio	Lower	Upper	
162	100		
164	63.1	43.9	83.9
98	34.6	15.6	55.6

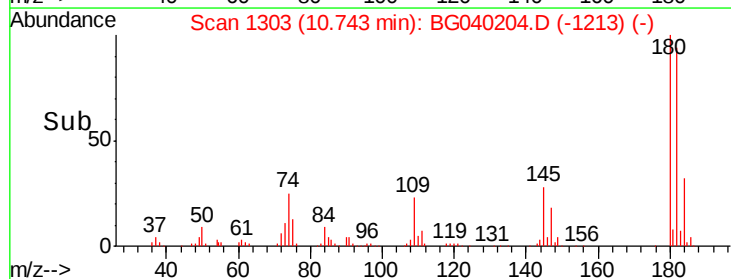
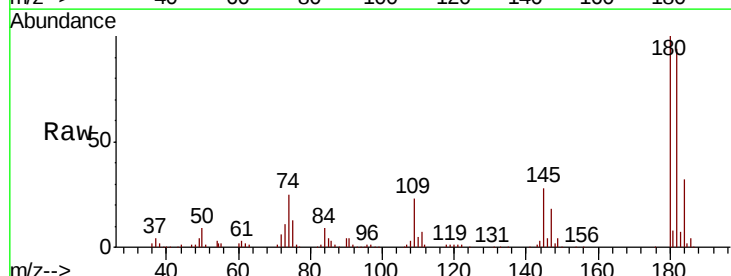
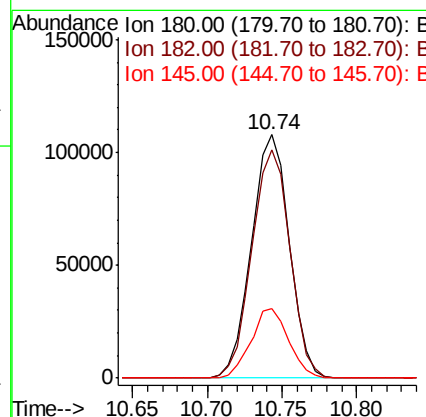
Manual Integrations
 APPROVED

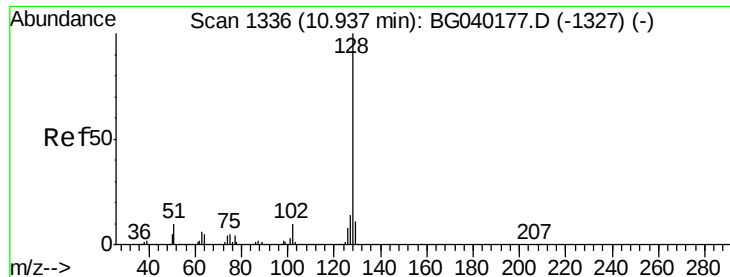
Sohil
 3/29/2019 4:45:38 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 45.260 ng
 RT: 10.74 min Scan# 1303
 Delta R.T. -0.00 min
 Lab File: BG040204.D
 Acq: 28 Mar 2019 17:44

Tgt Ion:	180	Resp:	188168
Ion Ratio	Lower	Upper	
180	100		
182	93.6	75.1	112.7
145	28.4	24.1	36.1





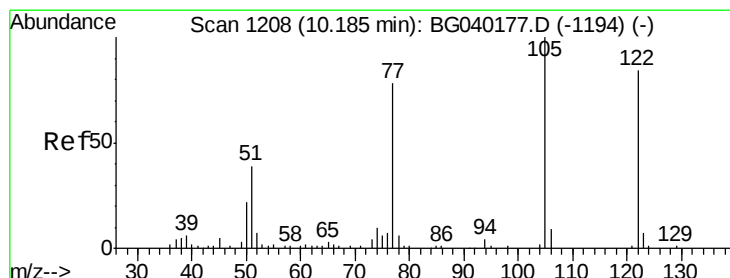
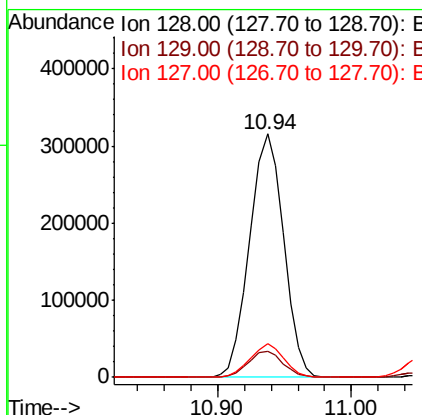
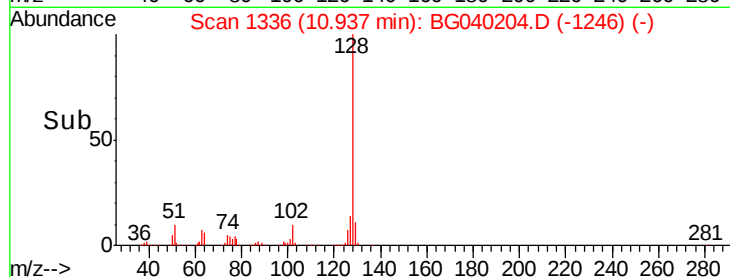
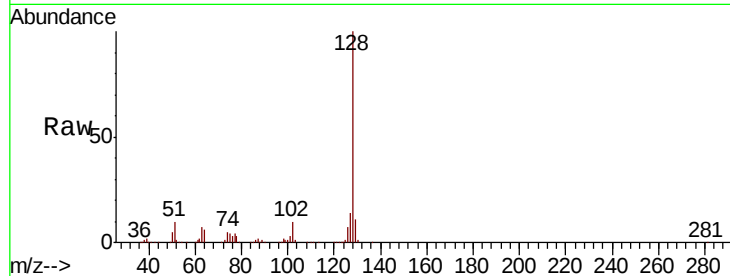
#31
Naphthalene
Concen: 45.620 ng
RT: 10.94 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BG040204.D
Acq: 28 Mar 2019 17:44

Instrument :
BNA_G
ClientSampleId :
TT-001-IDWSO-20190325MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.9	13.3
127	13.8	11.4	17.0

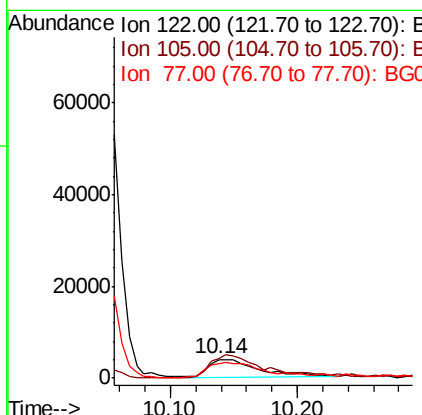
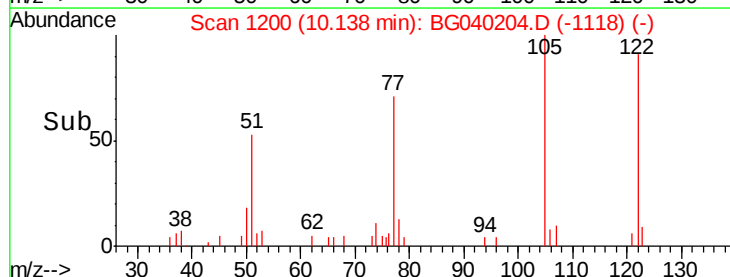
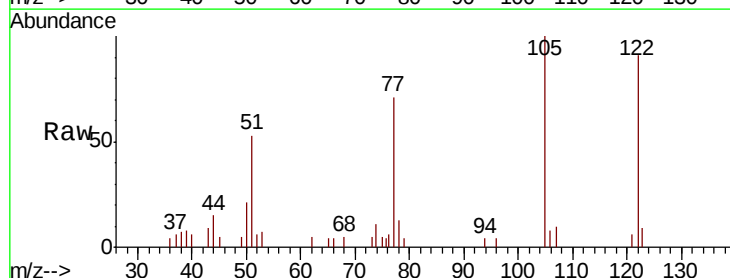
Manual Integrations
APPROVED

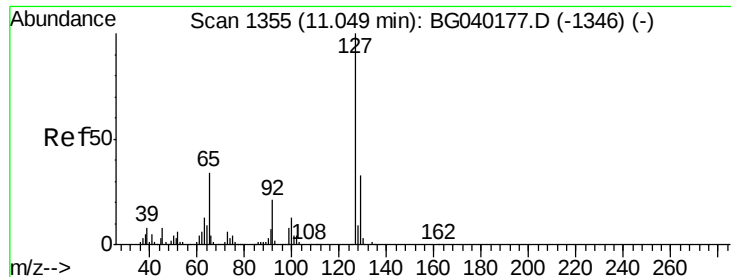
Sohil
3/29/2019 4:45:38 PM



#32
Benzoic acid
Concen: 5.031 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.05 min
Lab File: BG040204.D
Acq: 28 Mar 2019 17:44

Tgt Ion	Ratio	Lower	Upper
122	100		
105	109.6	98.2	138.2
77	78.3	73.6	113.6





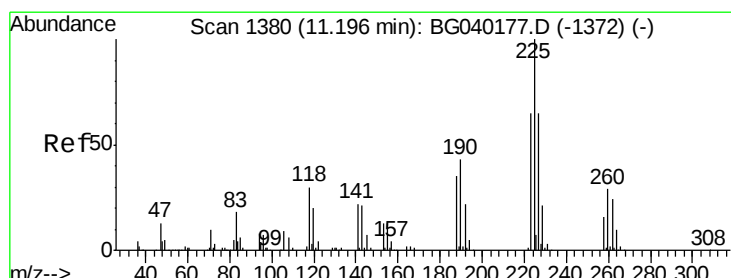
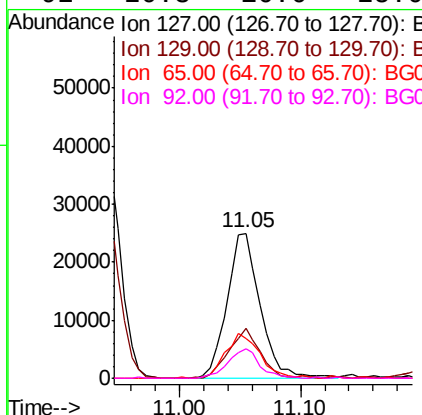
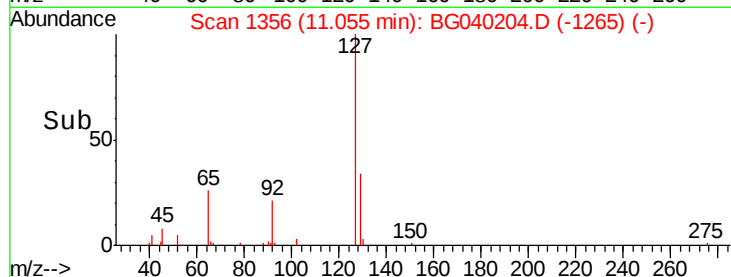
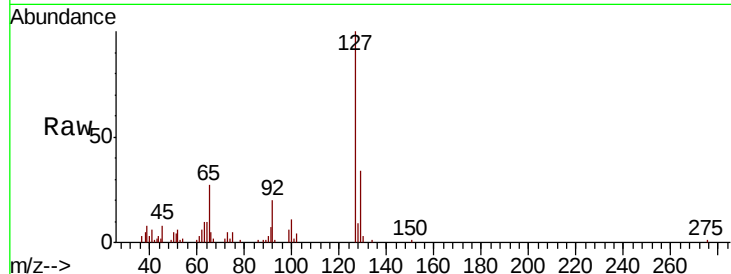
#33
4-Chloroaniline
Concen: 9.161 ng
RT: 11.05 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BG040204.D
Acq: 28 Mar 2019 17:44

Instrument :
BNA_G
ClientSampleId :
TT-001-IDWSO-20190325MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		47651		
129	34.2	26.6	40.0		
65	27.5	27.0	40.4		
92	20.3	16.6	25.0		

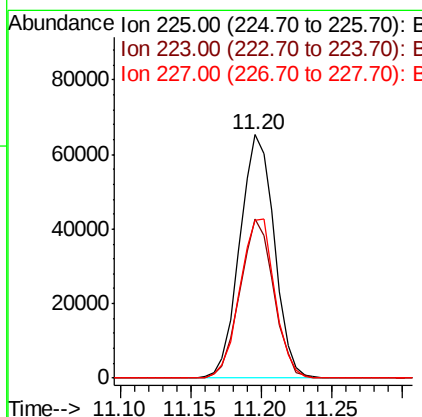
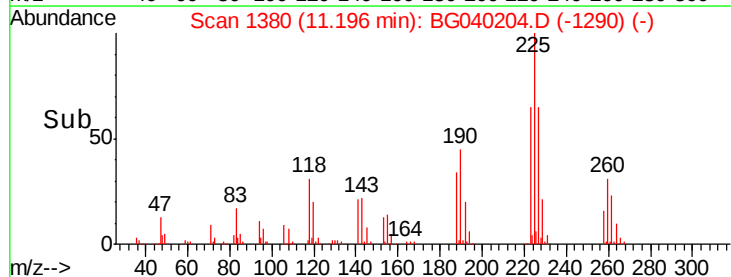
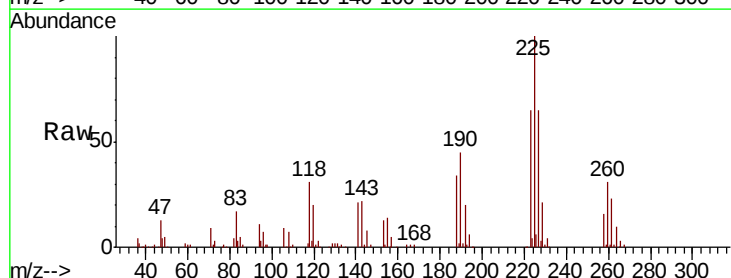
Manual Integrations
APPROVED

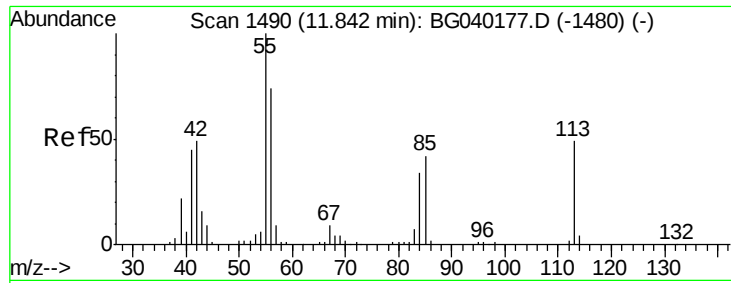
Sohil
3/29/2019 4:45:38 PM



#34
Hexachlorobutadiene
Concen: 41.997 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BG040204.D
Acq: 28 Mar 2019 17:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		111666		
223	65.4	51.8	77.8		
227	64.6	54.9	82.3		





#35

Caprolactam

Concen: 47.282 ng/ml

RT: 11.84 min Scan# 1489

Delta R.T. -0.01 min

Lab File: BG040204.D

Acq: 28 Mar 2019 17:44

Instrument :

BNA_G

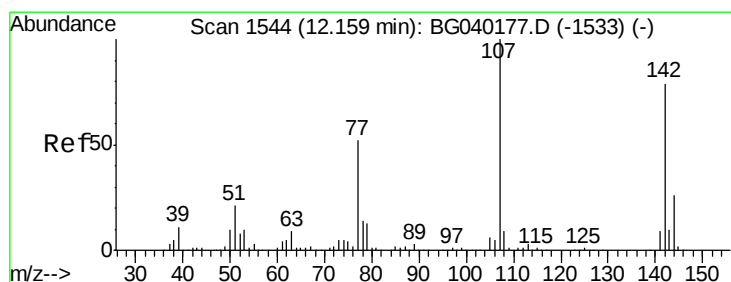
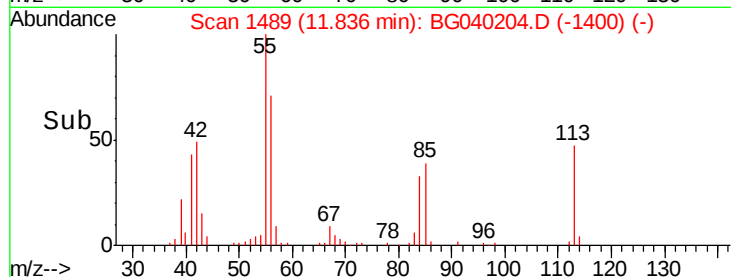
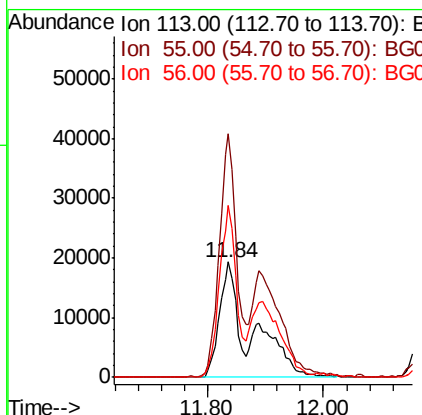
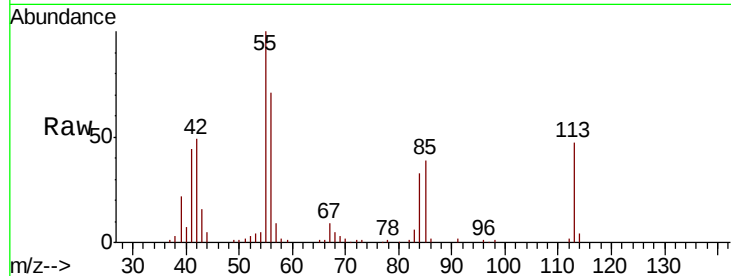
ClientSampleID :

TT-001-IDWSO-20190325MSD

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	211.4	184.2	224.2	
56	149.6	131.3	171.3	

Manual Integrations
APPROVED

Sohil
3/29/2019 4:45:38 PM



#36

4-Chloro-3-methylphenol

Concen: 48.671 ng/ml

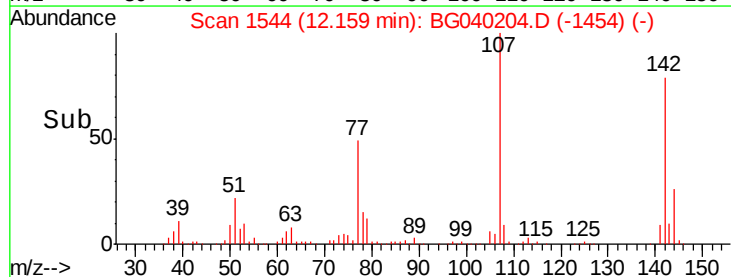
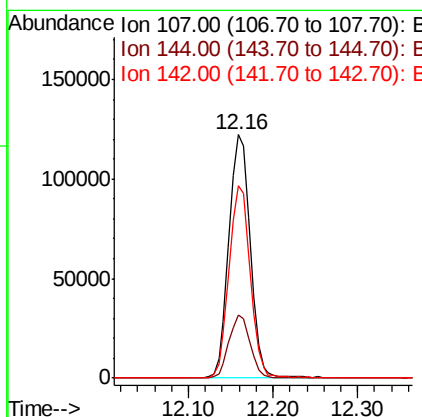
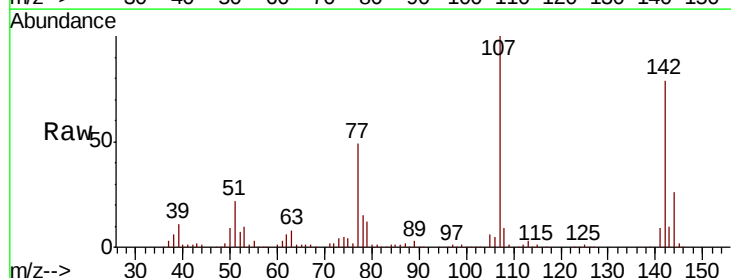
RT: 12.16 min Scan# 1544

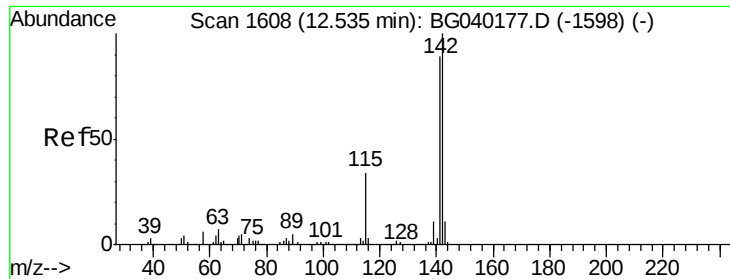
Delta R.T. -0.00 min

Lab File: BG040204.D

Acq: 28 Mar 2019 17:44

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	25.8	20.5	30.7	
142	78.8	63.1	94.7	





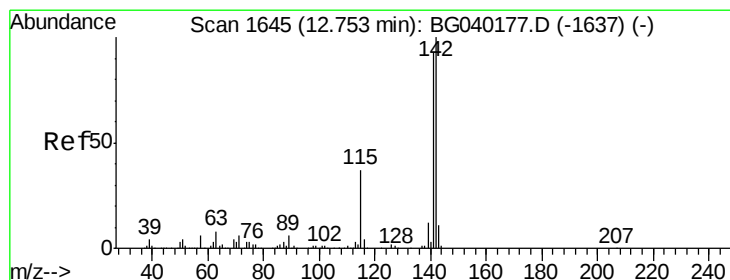
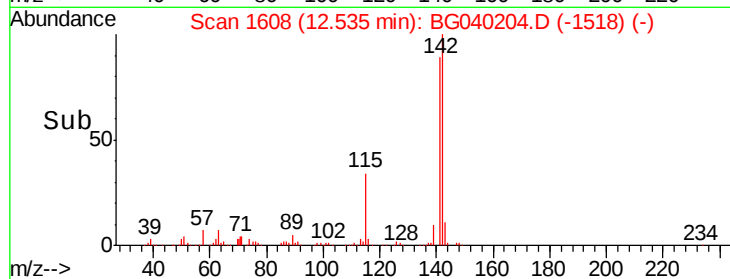
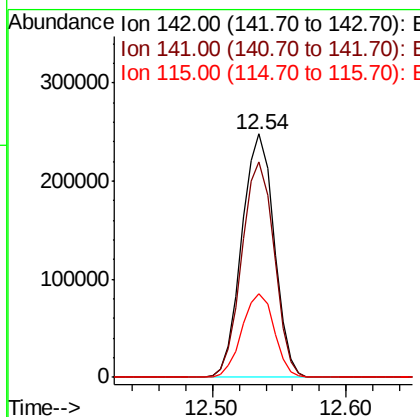
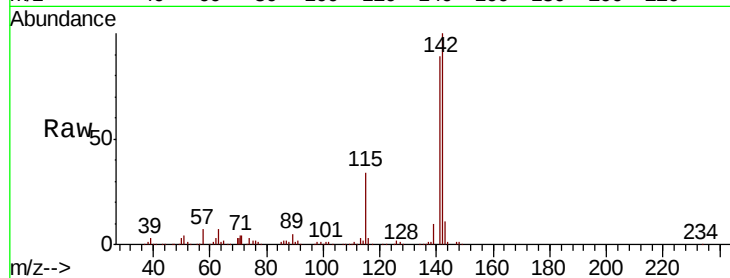
#37
 2-Methylnaphthalene
 Concen: 45.914 ng
 RT: 12.54 min Scan# 1608
 Delta R.T. -0.00 min
 Lab File: BG040204.D
 Acq: 28 Mar 2019 17:44

Instrument :
 BNA_G
 ClientSampleId :
 TT-001-IDWSO-20190325MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.0	106.6
115	34.3	27.3	40.9

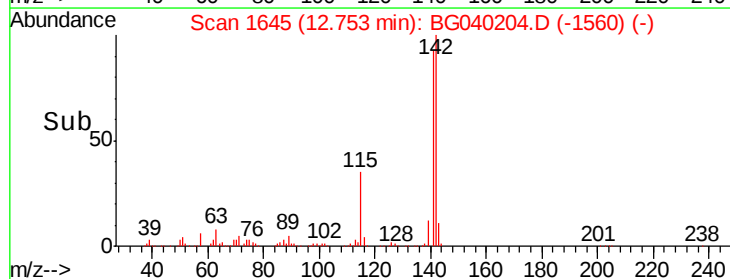
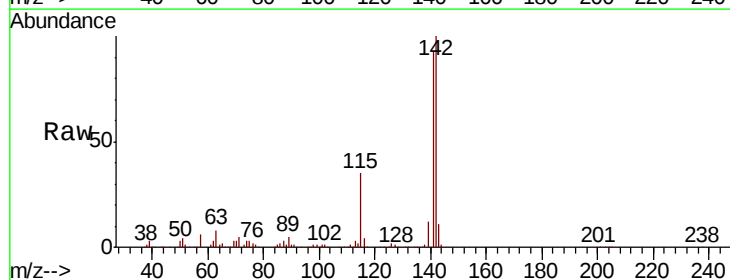
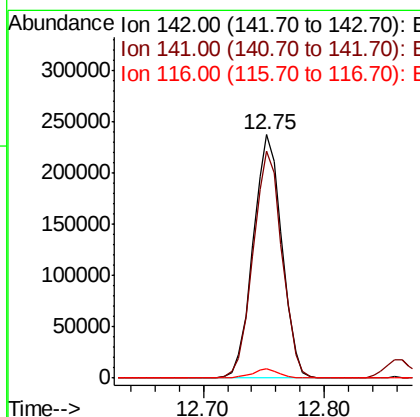
Manual Integrations
 APPROVED

Sohil
 3/29/2019 4:45:38 PM



#38
 1-Methylnaphthalene
 Concen: 44.860 ng
 RT: 12.75 min Scan# 1645
 Delta R.T. -0.00 min
 Lab File: BG040204.D
 Acq: 28 Mar 2019 17:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	74.2	111.4
116	3.7	3.0	4.4





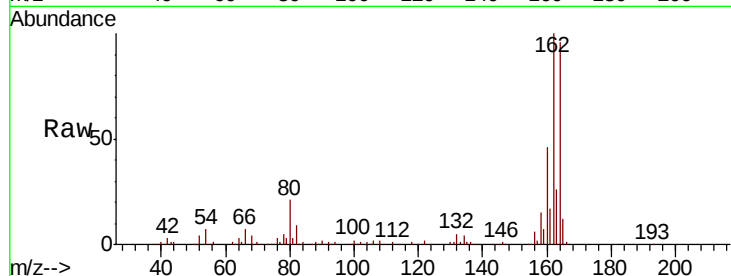
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BG040204.D
Acq: 28 Mar 2019 17:44

Instrument :
BNA_G
ClientSampleId :
TT-001-IDWSO-20190325MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.8	77.4	116.2
160	47.5	35.3	52.9

Manual Integrations
APPROVED

Sohil
3/29/2019 4:45:38 PM

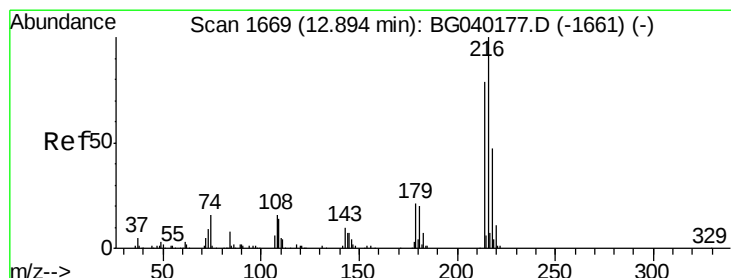
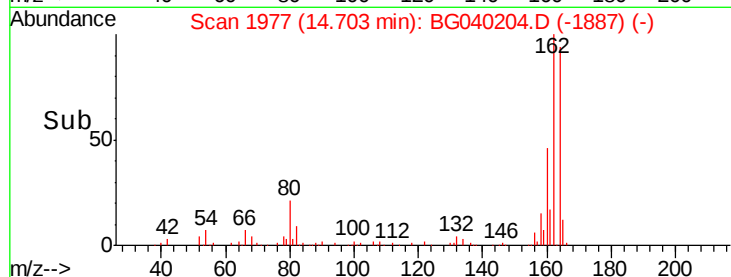
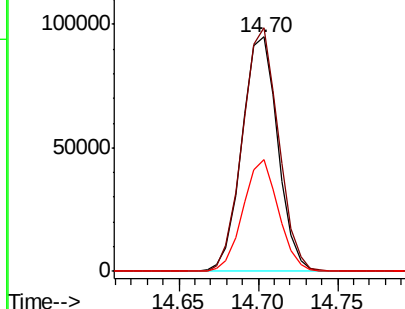


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.078 ng
RT: 12.89 min Scan# 1669
Delta R.T. -0.00 min
Lab File: BG040204.D
Acq: 28 Mar 2019 17:44

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.5	95.3
179	20.4	16.6	25.0
108	19.5	13.8	20.8

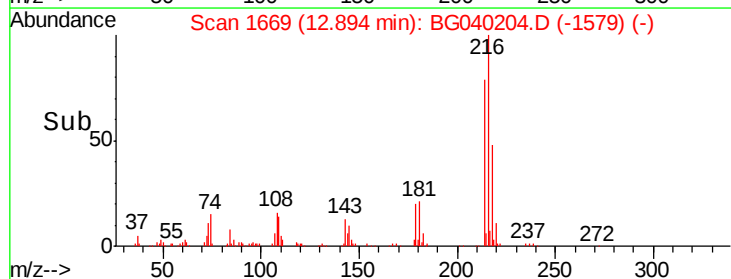
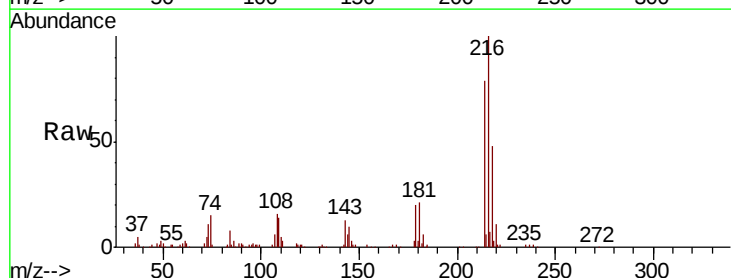
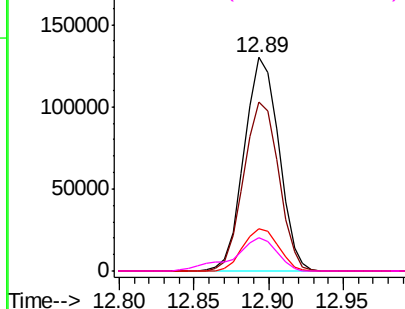
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 97.497 ng

RT: 12.86 min Scan# 1664

Delta R.T. 0.01 min

Lab File: BG040204.D

Acq: 28 Mar 2019 17:44

Instrument :

BNA_G

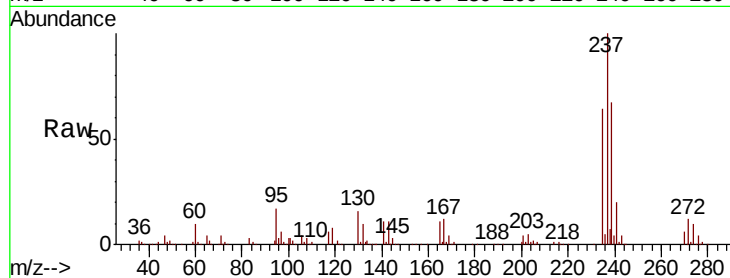
ClientSampleId :

TT-001-IDWSO-20190325MSD

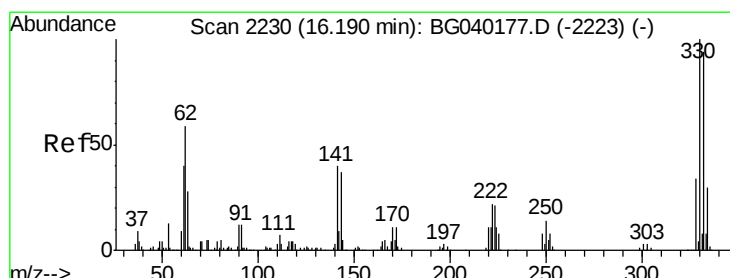
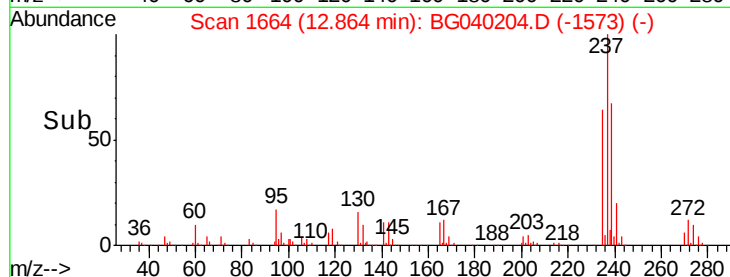
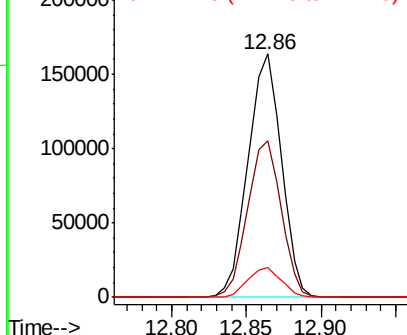
Tot Ion:	237	Resp:	253528
Ion Ratio	Lower	Upper	
237	100		
235	64.5	46.2	86.2
272	12.3	0.0	30.5

Manual Integrations
APPROVED

Sohil
3/29/2019 4:45:38 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: 159.367 ng

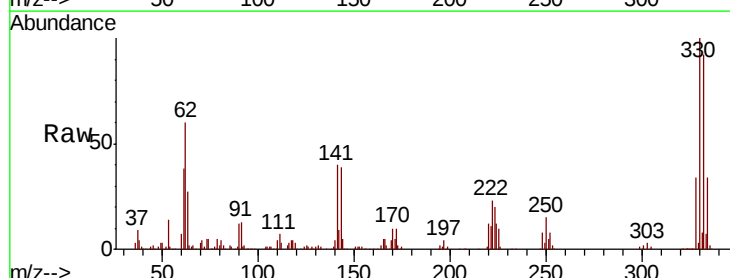
RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

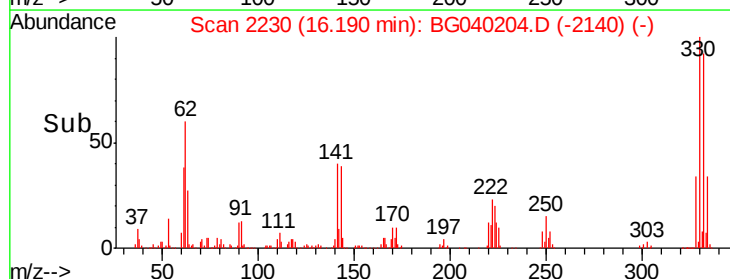
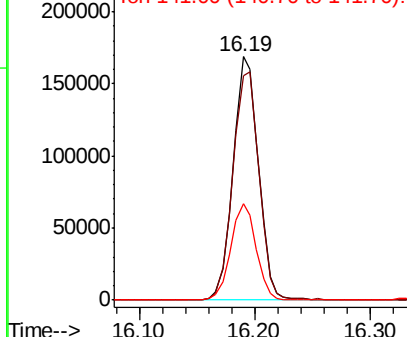
Lab File: BG040204.D

Acq: 28 Mar 2019 17:44

Tgt Ion:	330	Resp:	256640
Ion Ratio	Lower	Upper	
330	100		
332	96.9	76.6	115.0
141	39.3	32.6	48.8



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





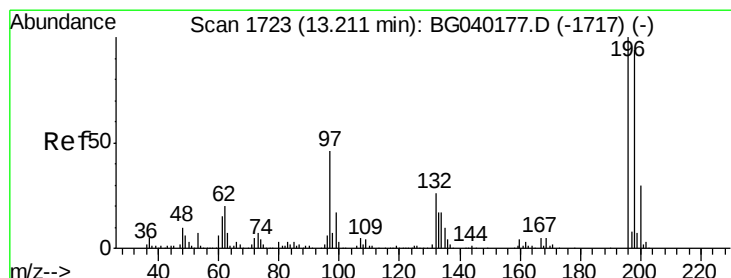
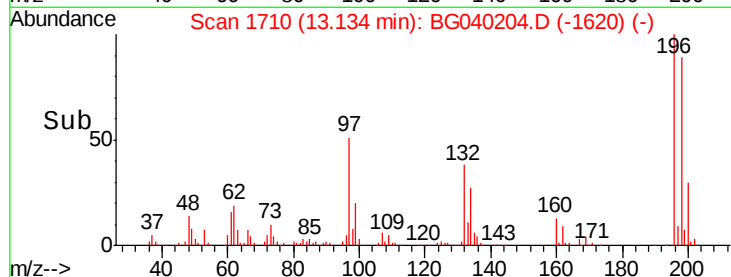
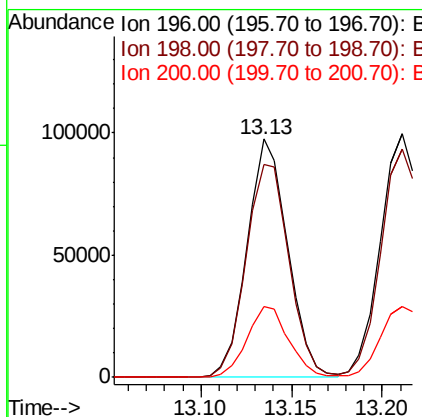
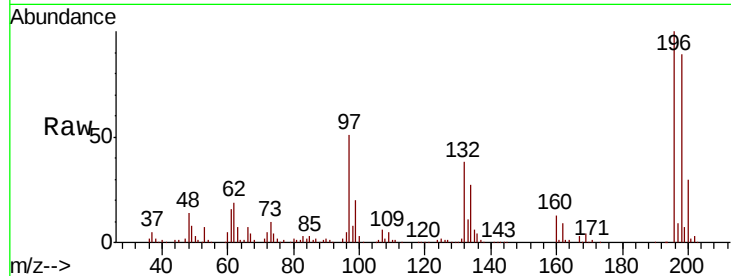
#43
 2,4,6-Trichlorophenol
 Concen: 49.762 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BG040204.D
 Acq: 28 Mar 2019 17:44

Instrument :
 BNA_G
 ClientSampleId :
 TT-001-IDWSO-20190325MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	151943		
198	89.5	78.3	117.5	
200	30.0	26.0	39.0	

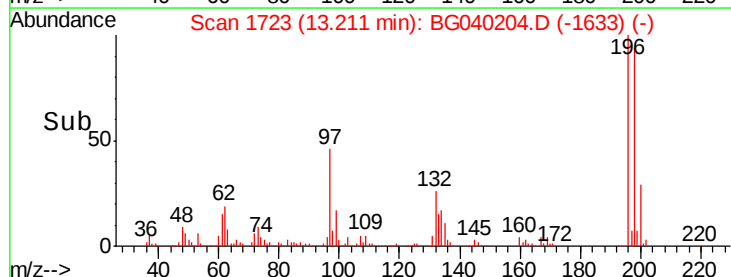
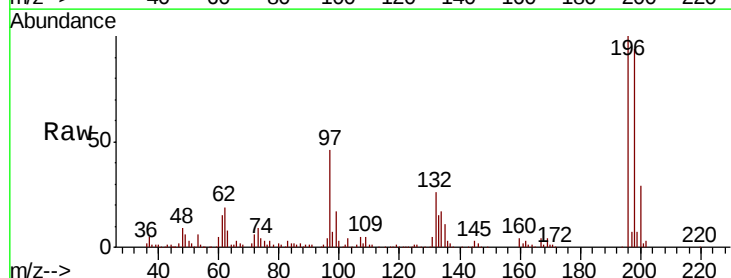
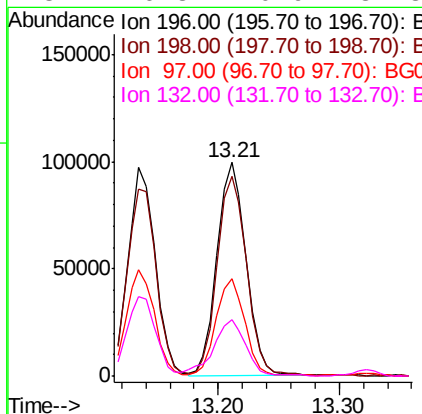
Manual Integrations
 APPROVED

Sohil
 3/29/2019 4:45:38 PM



#44
 2,4,5-Trichlorophenol
 Concen: 49.652 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG040204.D
 Acq: 28 Mar 2019 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	165248		
198	93.6	75.0	112.6	
97	45.9	37.3	55.9	
132	26.3	20.9	31.3	





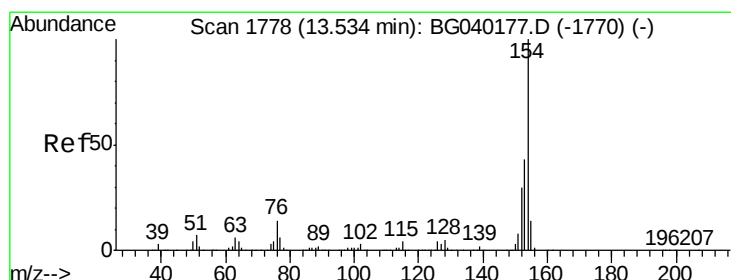
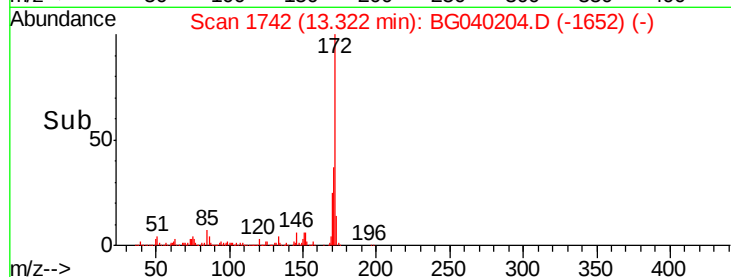
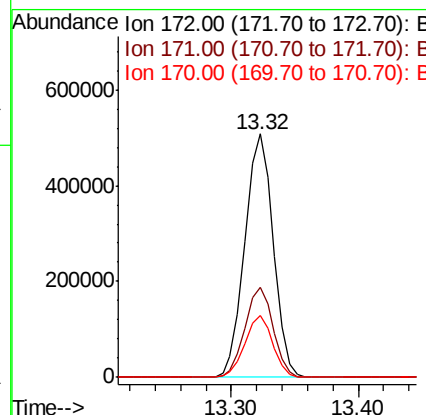
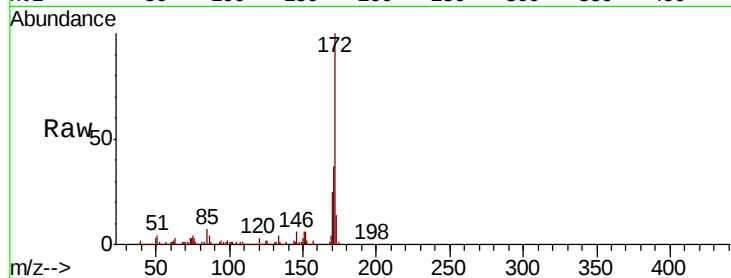
#45
2-Fluorobiphenyl
Concen: 78.520 ng
RT: 13.32 min Scan# 1742
Delta R.T. -0.00 min
Lab File: BG040204.D
Acq: 28 Mar 2019 17:44

Instrument :
BNA_G
ClientSampleId :
TT-001-IDWSO-20190325MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.5	45.7
170	25.2	20.1	30.1

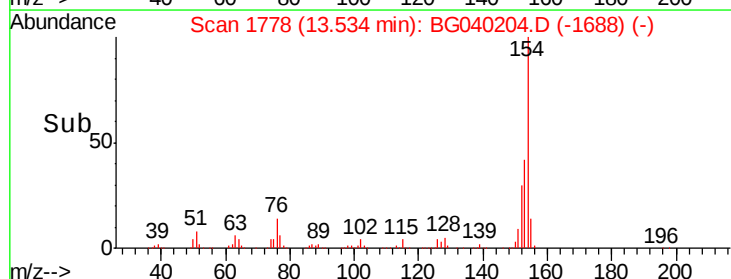
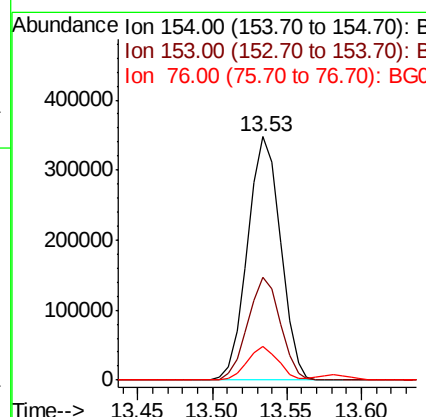
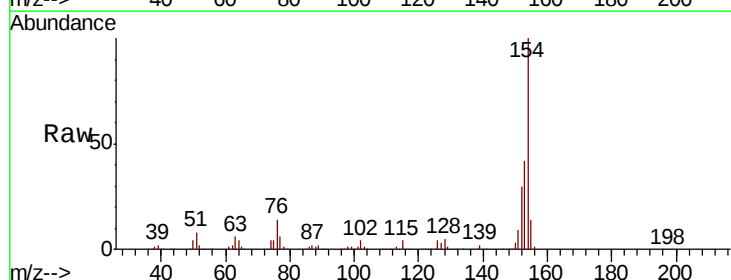
Manual Integrations
APPROVED

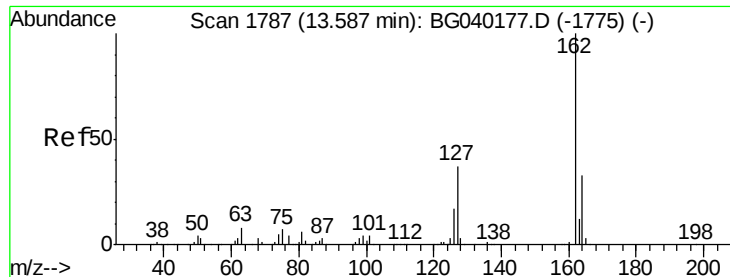
Sohil
3/29/2019 4:45:38 PM



#46
1,1'-Biphenyl
Concen: 45.095 ng
RT: 13.53 min Scan# 1778
Delta R.T. -0.00 min
Lab File: BG040204.D
Acq: 28 Mar 2019 17:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.3	22.5	62.5
76	14.0	0.0	33.7





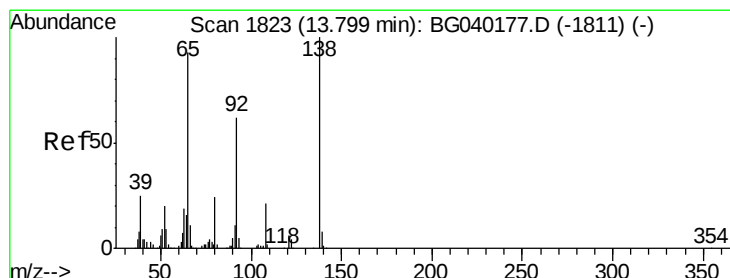
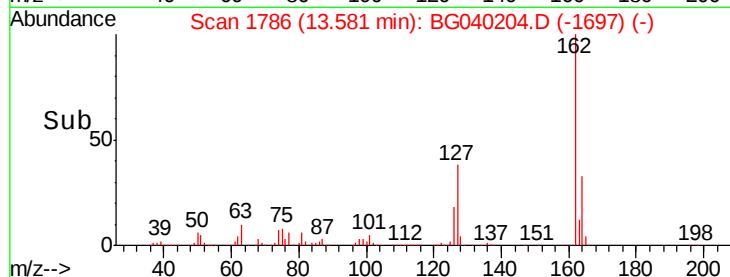
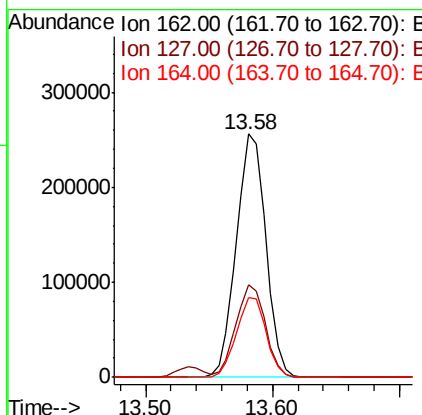
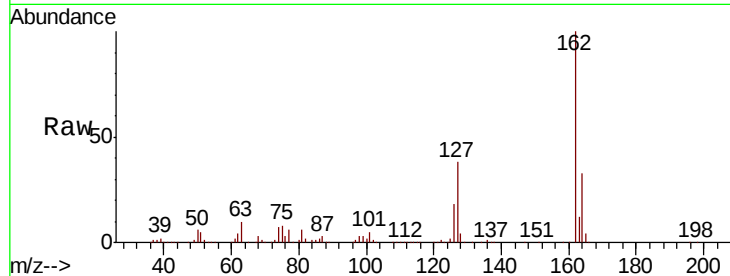
#47
2-Chloronaphthalene
Concen: 45.626 ng
RT: 13.58 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BG040204.D
Acq: 28 Mar 2019 17:44

Instrument :
BNA_G
ClientSampleId :
TT-001-IDWSO-20190325MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.2	30.6	45.8
164	32.9	26.2	39.4

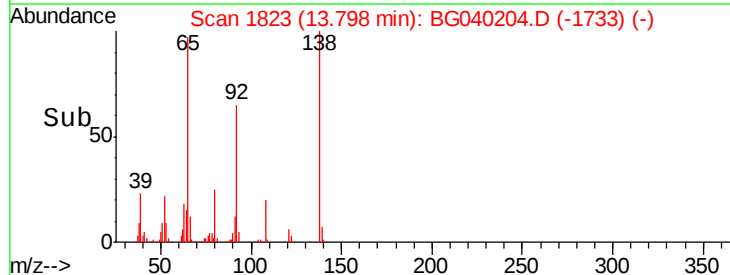
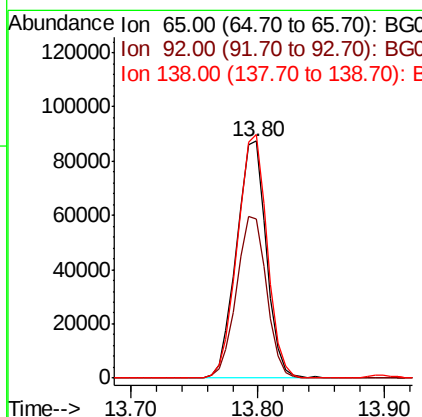
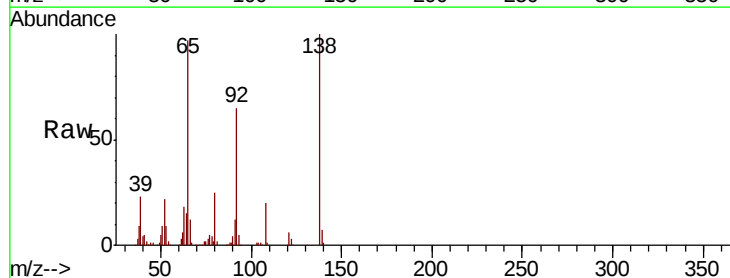
Manual Integrations
APPROVED

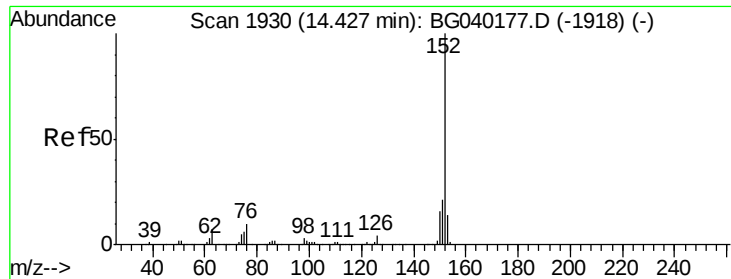
Sohil
3/29/2019 4:45:38 PM



#48
2-Nitroaniline
Concen: 46.686 ng
RT: 13.80 min Scan# 1823
Delta R.T. -0.00 min
Lab File: BG040204.D
Acq: 28 Mar 2019 17:44

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.2	53.8	80.6
138	102.9	86.3	129.5





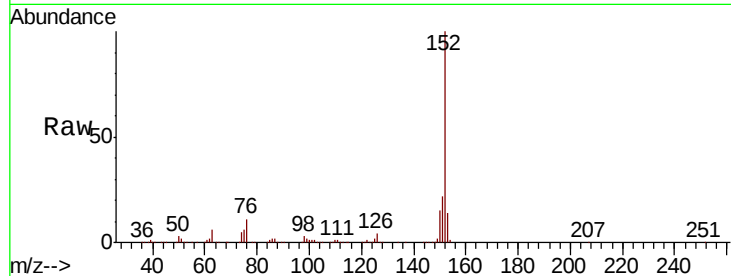
#49
Acenaphthylene
Concen: 44.992 ng
RT: 14.43 min Scan# 1930
Delta R.T. -0.00 min
Lab File: BG040204.D
Acq: 28 Mar 2019 17:44

Instrument :
BNA_G
ClientSampleId :
TT-001-IDWSO-20190325MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.0	25.6
153	14.4	10.8	16.2

Manual Integrations
APPROVED

Sohil
3/29/2019 4:45:38 PM

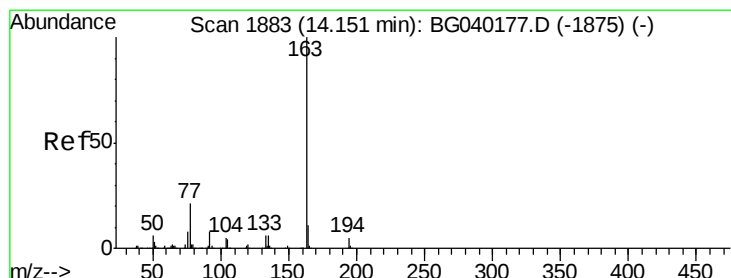
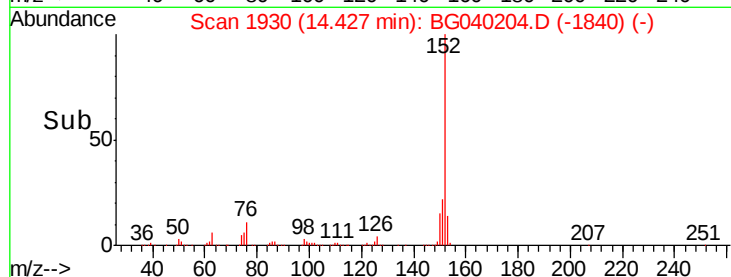
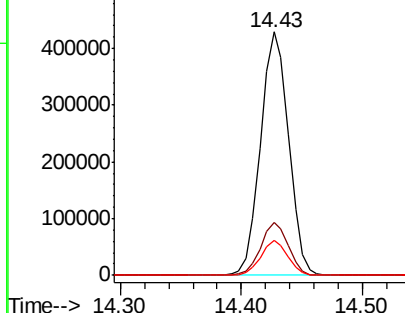


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50
Dimethylphthalate
Concen: 54.022 ng
RT: 14.15 min Scan# 1883
Delta R.T. -0.00 min
Lab File: BG040204.D
Acq: 28 Mar 2019 17:44

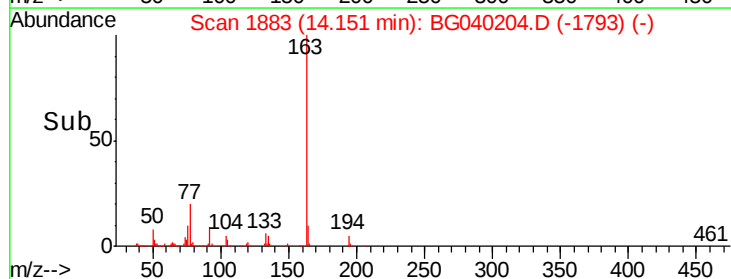
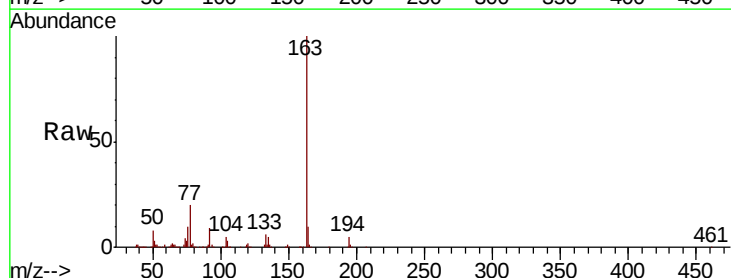
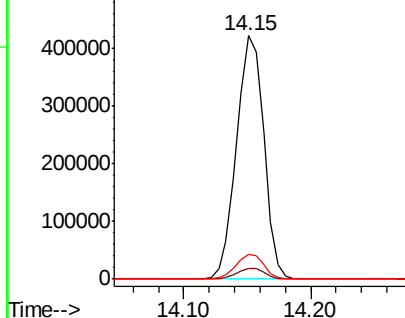
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	4.1	6.1
164	10.1	8.6	13.0

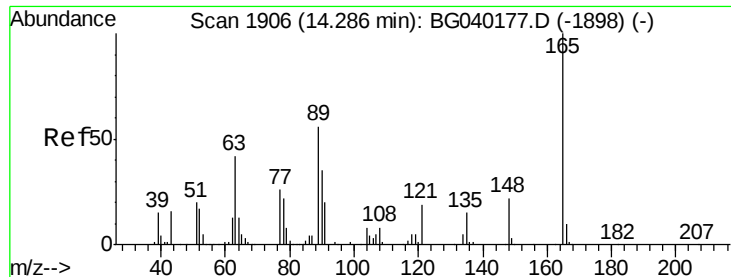
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 48.018 ng

RT: 14.29 min Scan# 1906

Delta R.T. -0.00 min

Lab File: BG040204.D

Acq: 28 Mar 2019 17:44

Instrument :

BNA_G

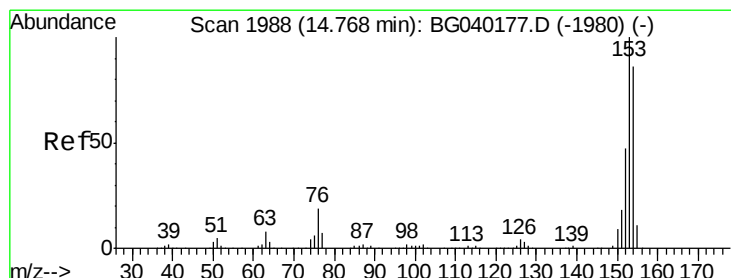
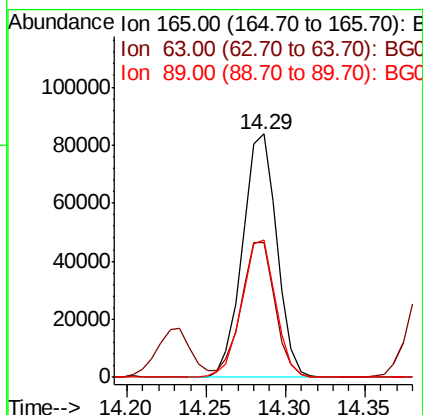
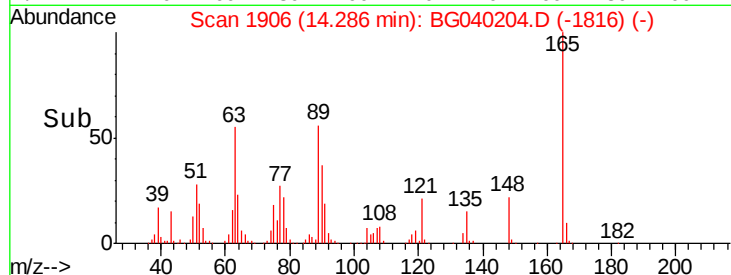
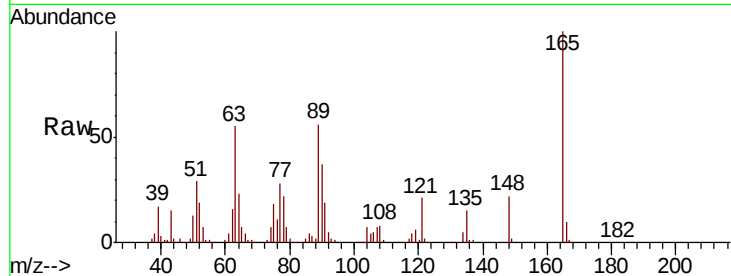
ClientSampleId :

TT-001-IDWSO-20190325MSD

Tot Ion:	165	Resp:	125736
Ion Ratio	Lower	Upper	
165	100		
63	55.5	44.1	66.1
89	56.3	44.9	67.3

Manual Integrations
APPROVED

Sohil
3/29/2019 4:45:38 PM



#52

Acenaphthene

Concen: 45.943 ng

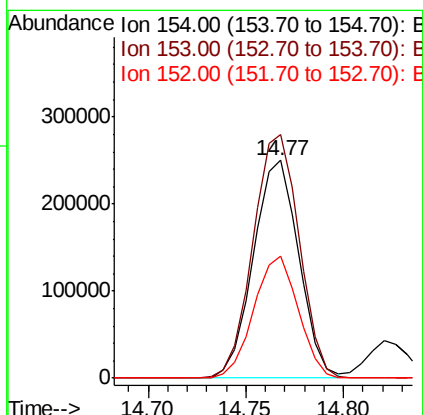
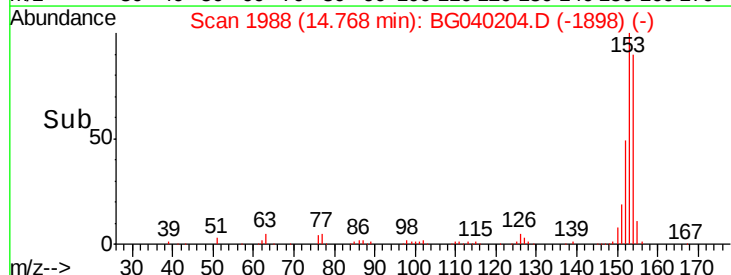
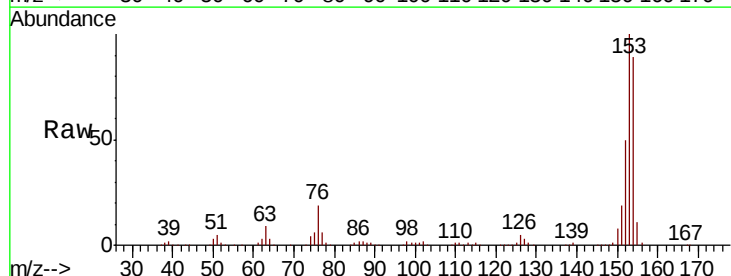
RT: 14.77 min Scan# 1988

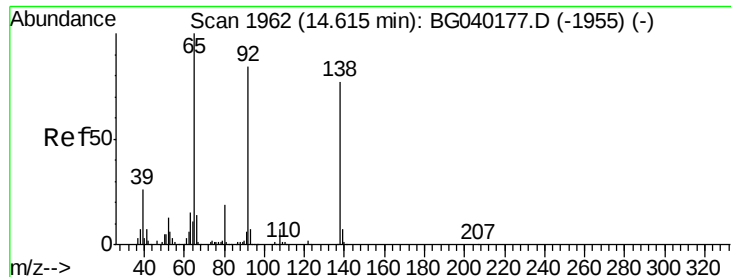
Delta R.T. -0.00 min

Lab File: BG040204.D

Acq: 28 Mar 2019 17:44

Tgt Ion:	154	Resp:	403095
Ion Ratio	Lower	Upper	
154	100		
153	111.8	92.8	139.2
152	55.9	43.4	65.2





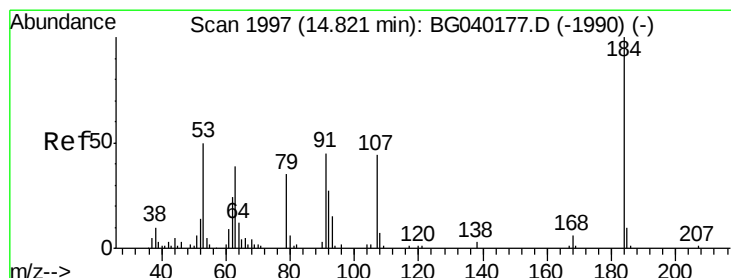
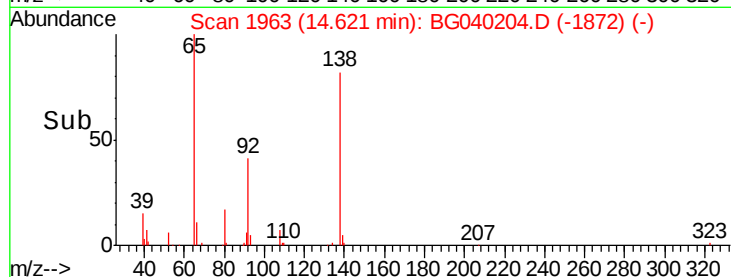
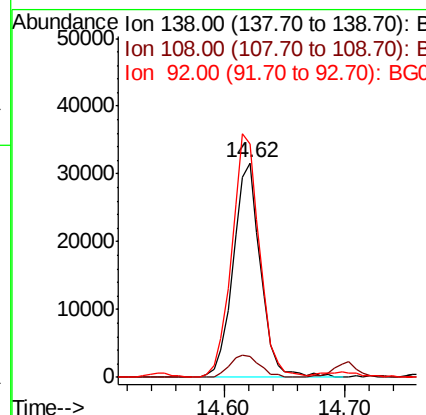
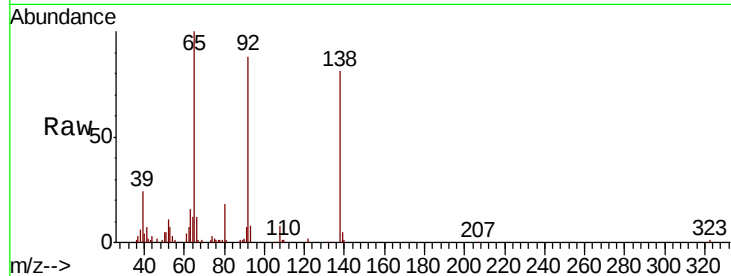
#53
3-Nitroaniline
Concen: 17.964 ng
RT: 14.62 min Scan# 1963
Delta R.T. 0.01 min
Lab File: BG040204.D
Acq: 28 Mar 2019 17:44

Instrument :
BNA_G
ClientSampleId :
TT-001-IDWSO-20190325MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.6	7.8	11.8
92	108.7	87.5	131.3

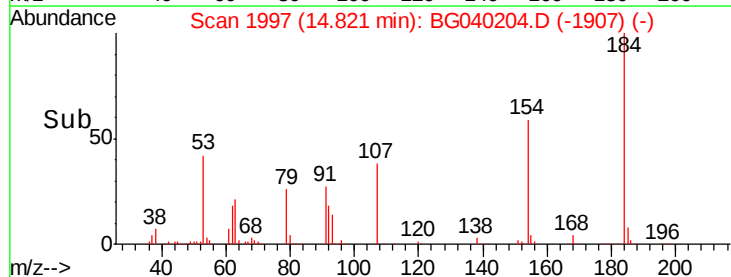
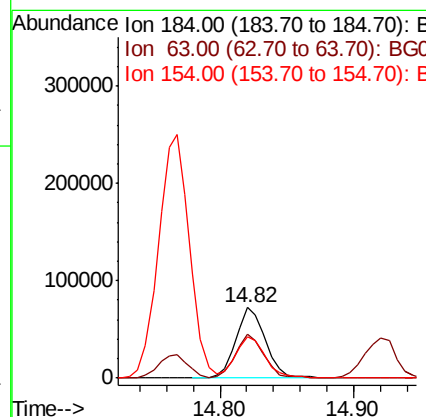
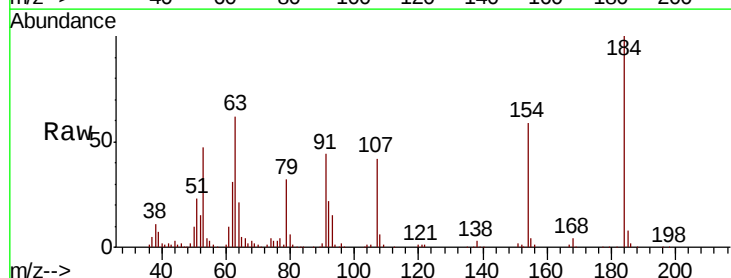
Manual Integrations
APPROVED

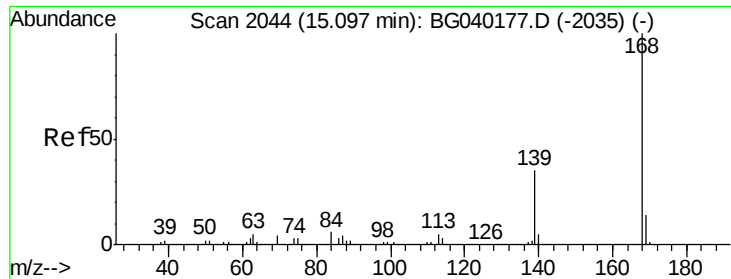
Sohil
3/29/2019 4:45:38 PM



#54
2,4-Dinitrophenol
Concen: 80.872 ng
RT: 14.82 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BG040204.D
Acq: 28 Mar 2019 17:44

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.8	51.8	77.8
154	59.2	50.9	76.3





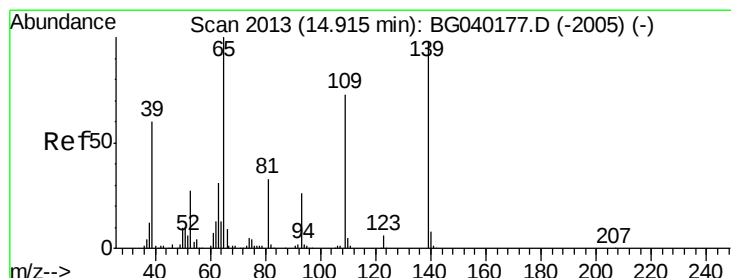
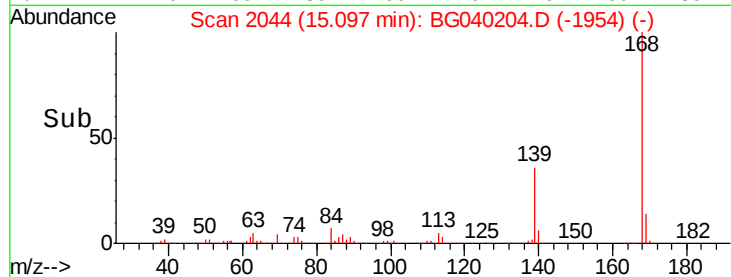
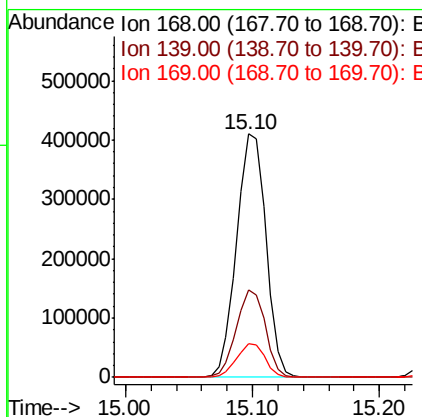
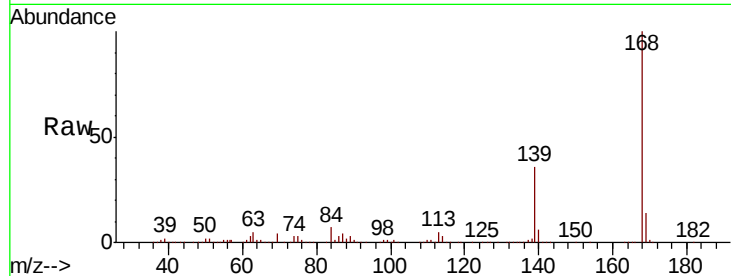
#55
Dibenzenofuran
Concen: 46.592 ng
RT: 15.10 min Scan# 2044
Delta R.T. -0.00 min
Lab File: BG040204.D
Acq: 28 Mar 2019 17:44

Instrument :
BNA_G
ClientSampleId :
TT-001-IDWSO-20190325MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.0	27.9	41.9
169	13.8	11.3	16.9

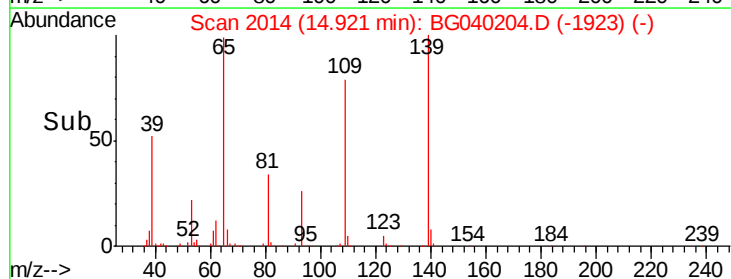
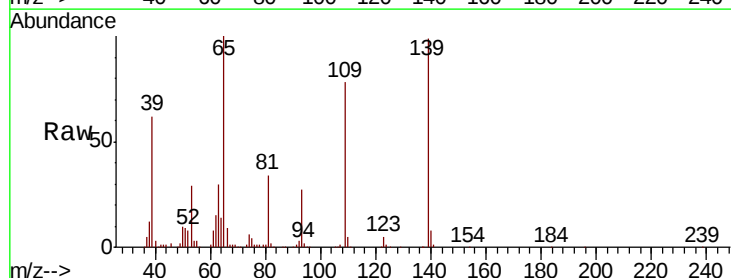
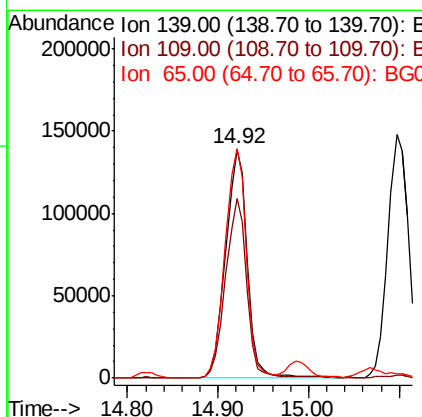
Manual Integrations
APPROVED

Sohil
3/29/2019 4:45:38 PM



#56
4-Nitrophenol
Concen: 102.777 ng
RT: 14.92 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BG040204.D
Acq: 28 Mar 2019 17:44

Tgt Ion	Ratio	Lower	Upper
139	100		
109	78.5	54.3	94.3
65	100.6	82.5	122.5





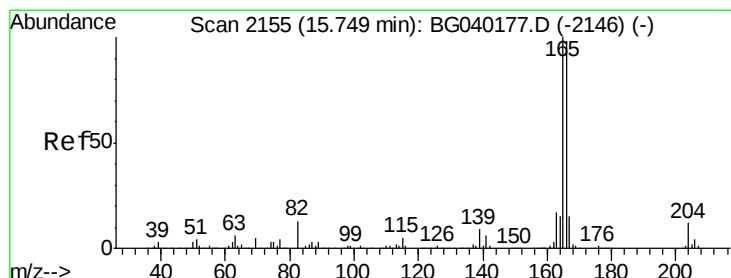
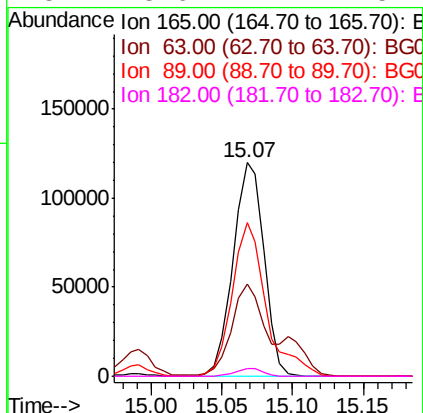
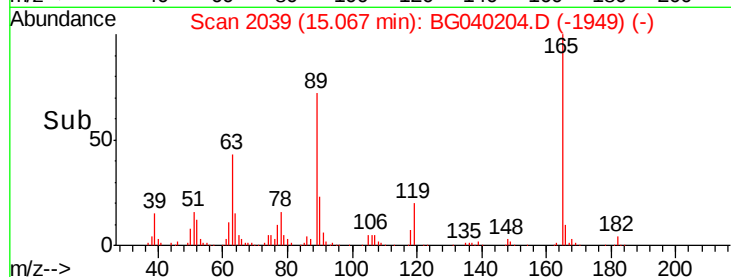
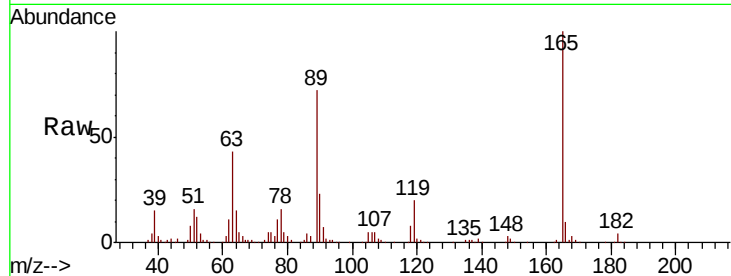
#57
2,4-Dinitrotoluene
Concen: 50.355 ng
RT: 15.07 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BG040204.D
Acq: 28 Mar 2019 17:44

Instrument :
BNA_G
ClientSampleId :
TT-001-IDWSO-20190325MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	183212		
63	43.3	33.8	50.6	
89	71.8	55.4	83.2	
182	3.6	2.2	3.4	

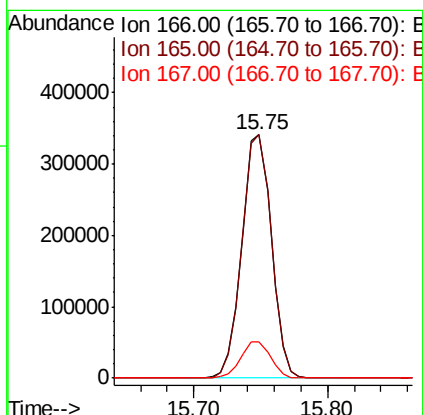
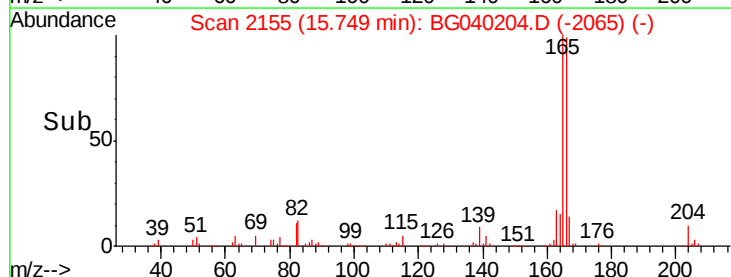
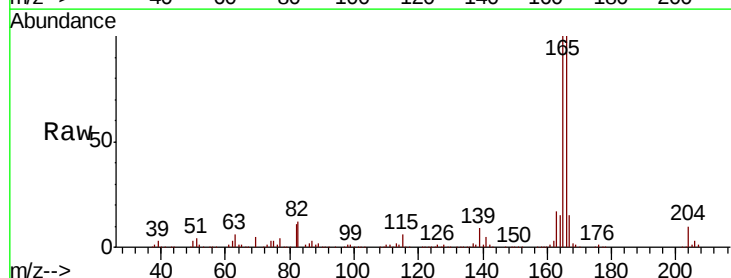
Manual Integrations
APPROVED

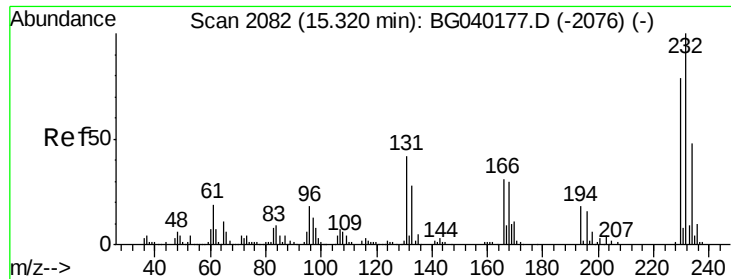
Sohil
3/29/2019 4:45:38 PM



#58
Fluorene
Concen: 46.961 ng
RT: 15.75 min Scan# 2155
Delta R.T. -0.00 min
Lab File: BG040204.D
Acq: 28 Mar 2019 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	520536		
165	100.1	81.7	122.5	
167	14.7	11.9	17.9	





#59

2,3,4,6-Tetrachlorophenol

Concen: 53.093 ng

RT: 15.32 min Scan# 2082

Delta R.T. -0.00 min

Lab File: BG040204.D

Acq: 28 Mar 2019 17:44

Instrument :

BNA_G

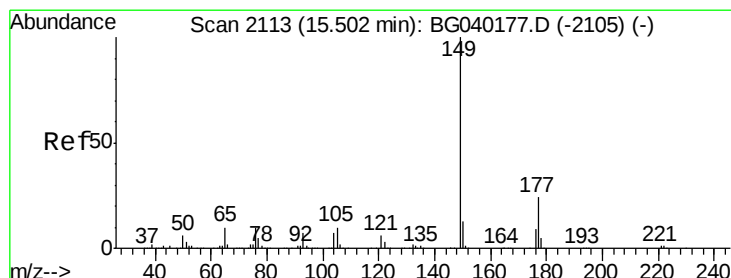
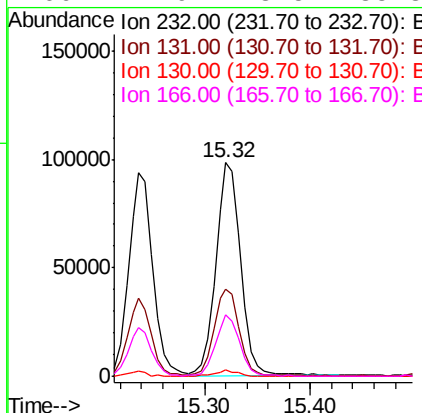
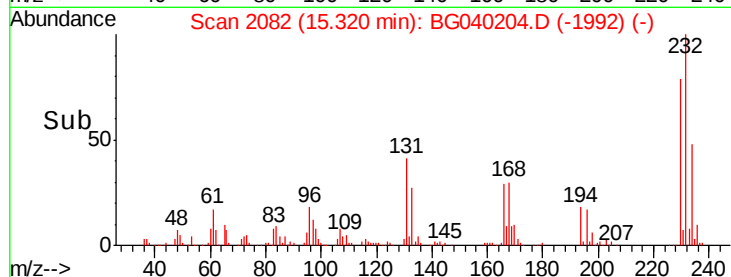
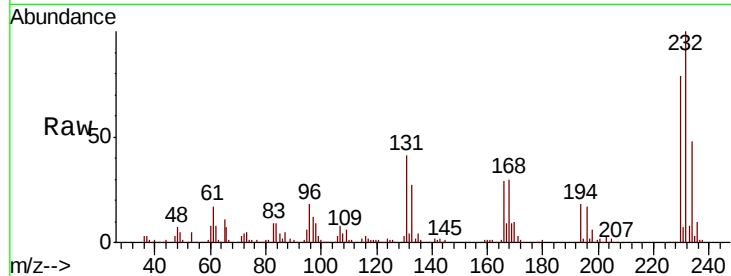
ClientSampleId :

TT-001-IDWSO-20190325MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.8	32.9	49.3
130	2.5	1.8	2.8
166	27.9	23.5	35.3

Manual Integrations
APPROVED

Sohil
3/29/2019 4:45:38 PM



#60

Diethylphthalate

Concen: 48.765 ng

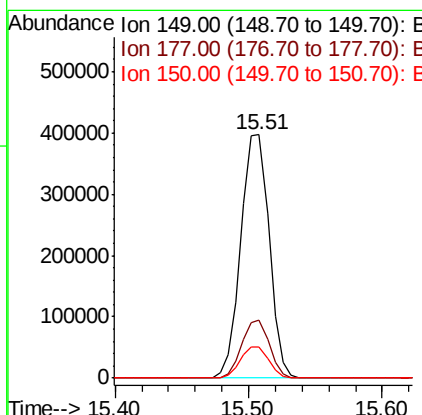
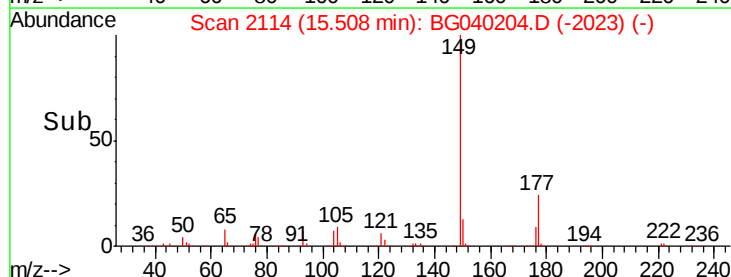
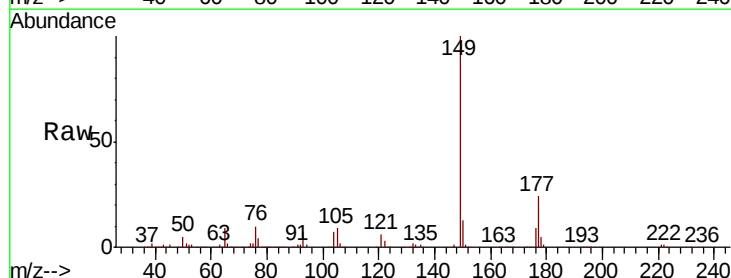
RT: 15.51 min Scan# 2114

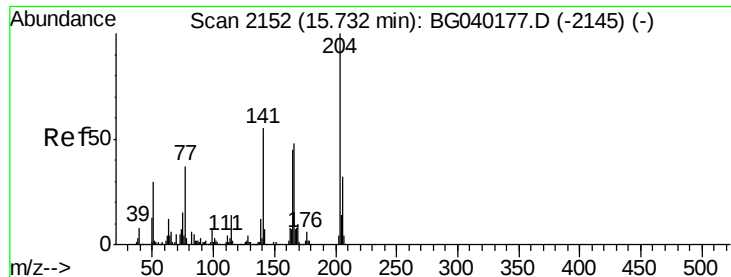
Delta R.T. 0.01 min

Lab File: BG040204.D

Acq: 28 Mar 2019 17:44

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.1	28.7
150	12.7	10.6	15.8





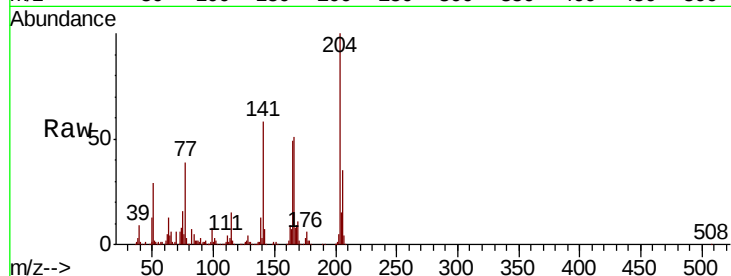
#61
4-Chlorophenyl-phenylether
Concen: 47.027 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BG040204.D
Acq: 28 Mar 2019 17:44

Instrument :
BNA_G
ClientSampleId :
TT-001-IDWSO-20190325MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.7	25.7	38.5
141	57.7	44.0	66.0

Manual Integrations
APPROVED

Sohil
3/29/2019 4:45:38 PM

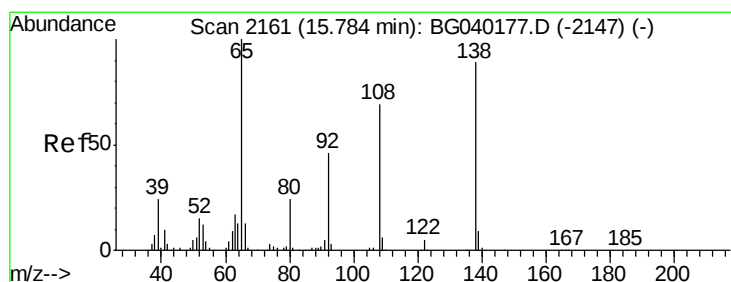
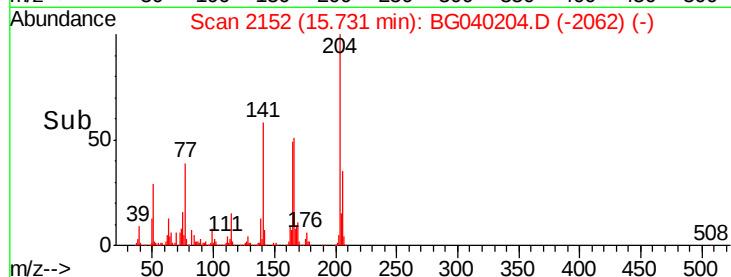
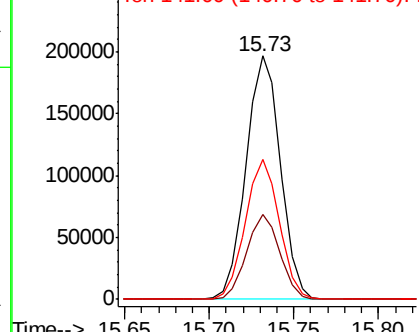


Abundance

Ion 204.00 (203.70 to 204.70): E

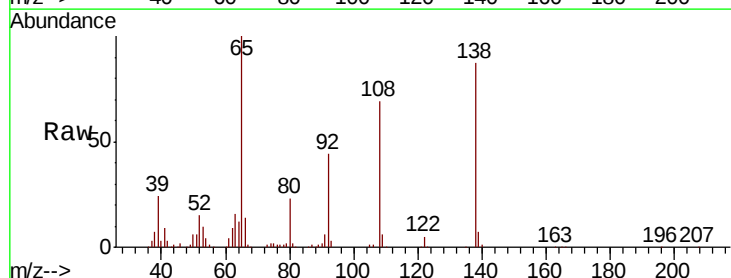
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 47.042 ng
RT: 15.78 min Scan# 2161
Delta R.T. -0.00 min
Lab File: BG040204.D
Acq: 28 Mar 2019 17:44

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.2	31.8	71.8
108	79.8	57.2	97.2

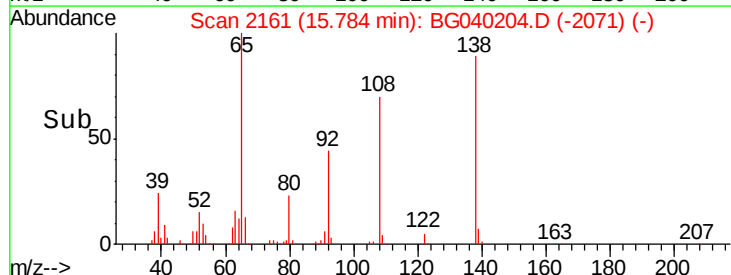
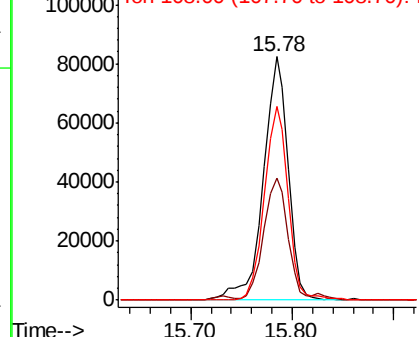


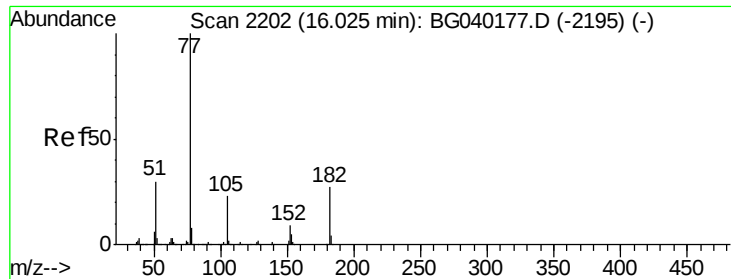
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 46.905 ng

RT: 16.03 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG040204.D

Acq: 28 Mar 2019 17:44

Instrument :

BNA_G

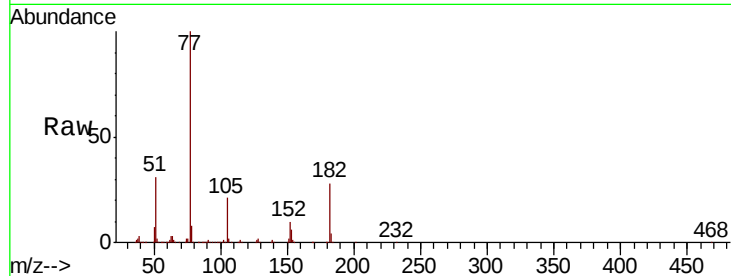
ClientSampleId :

TT-001-IDWSO-20190325MSD

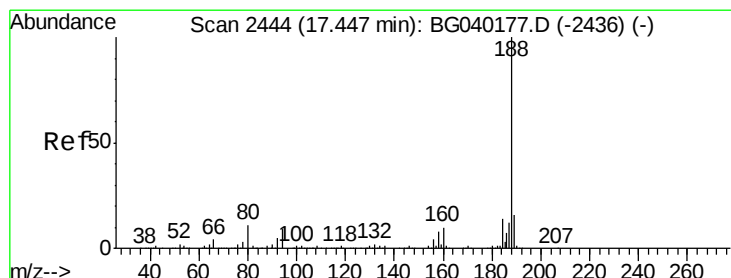
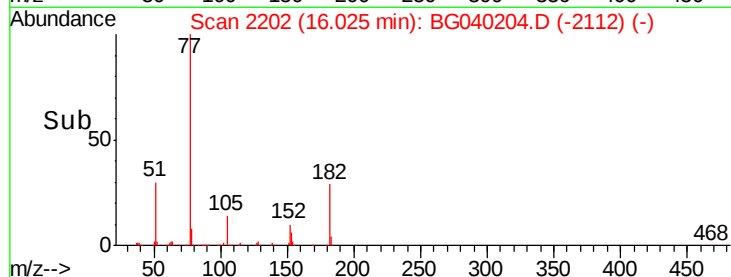
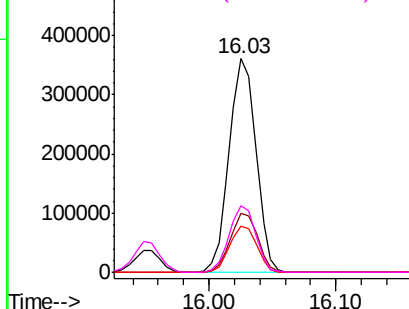
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.7	7.2	47.2	
105	21.4	2.8	42.8	
51	31.3	10.4	50.4	

Manual Integrations
APPROVED

Sohil
3/29/2019 4:45:38 PM



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2444

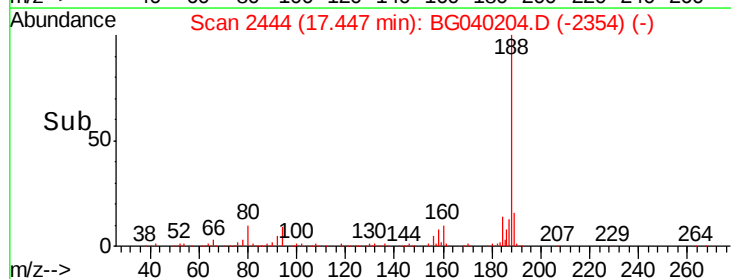
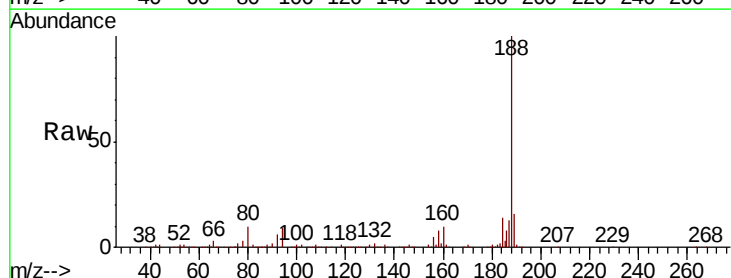
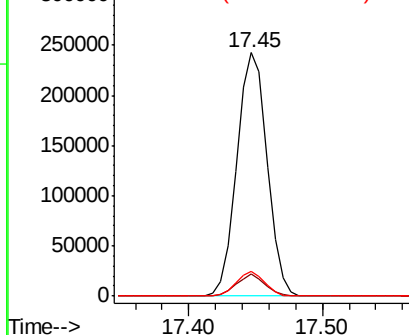
Delta R.T. -0.00 min

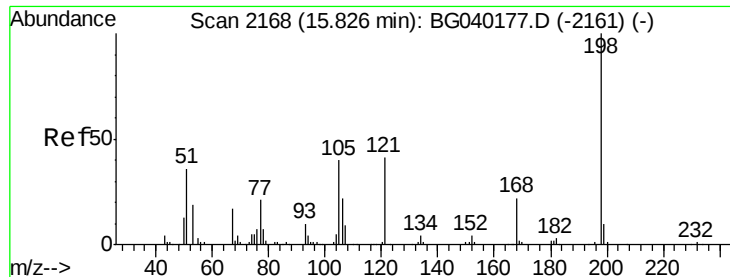
Lab File: BG040204.D

Acq: 28 Mar 2019 17:44

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.1	7.0	10.4	
80	10.4	8.6	13.0	

Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





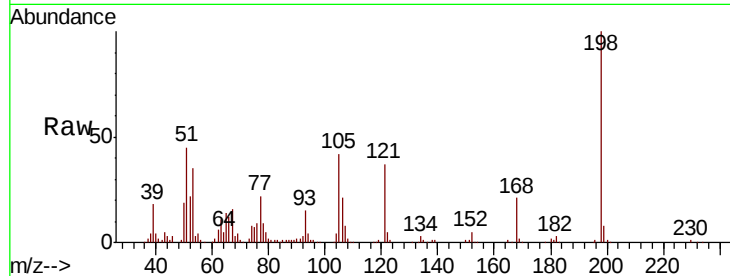
#65
 4,6-Dinitro-2-methylphenol
 Concen: 49.041 ng
 RT: 15.83 min Scan# 2168
 Delta R.T. -0.00 min
 Lab File: BG040204.D
 Acq: 28 Mar 2019 17:44

Instrument :
 BNA_G
 ClientSampleId :
 TT-001-IDWSO-20190325MSD

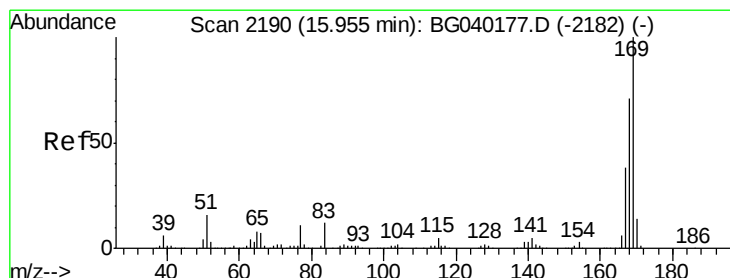
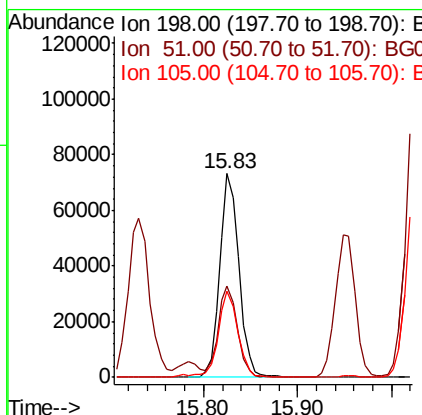
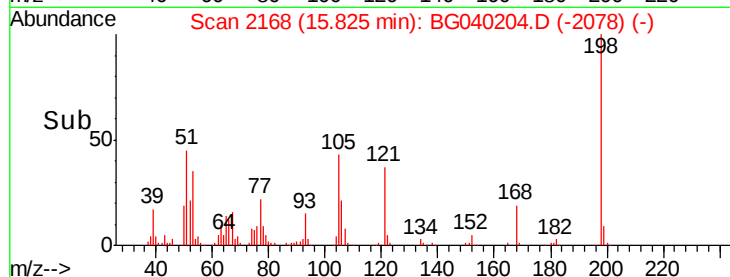
Tot Ion	Ratio	Resp	Lower	Upper
198	100	104641		
51	44.6	27.3	67.3	
105	42.5	21.7	61.7	

Manual Integrations
 APPROVED

Sohil
 3/29/2019 4:45:38 PM

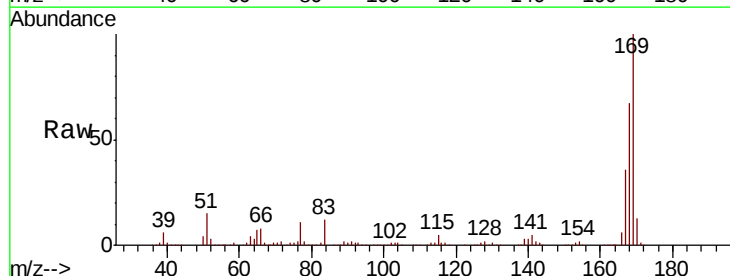


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

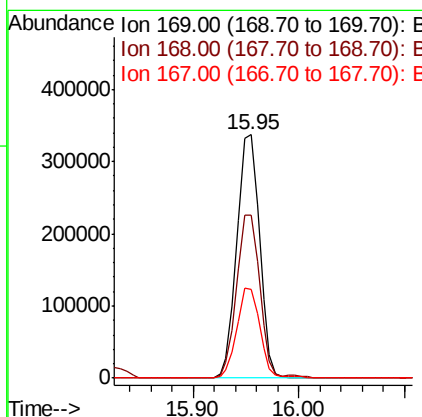
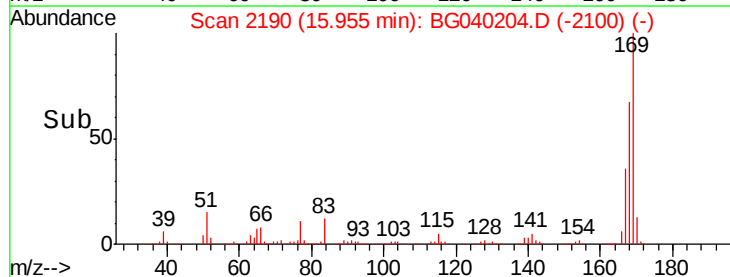


#66
 n-Nitrosodiphenylamine
 Concen: 45.012 ng
 RT: 15.95 min Scan# 2190
 Delta R.T. -0.00 min
 Lab File: BG040204.D
 Acq: 28 Mar 2019 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	500261		
168	66.9	56.8	85.2	
167	36.5	30.2	45.4	



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E





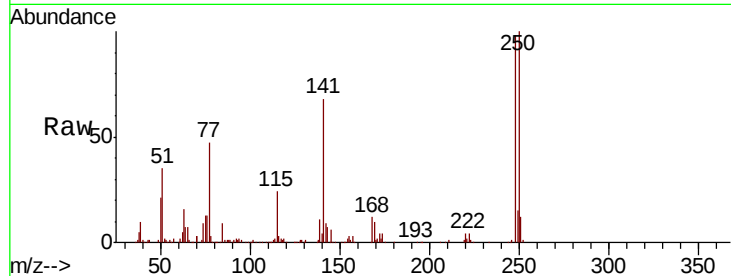
#67
4-Bromophenyl-phenylether
Concen: 44.027 ng
RT: 16.63 min Scan# 2305
Delta R.T. -0.00 min
Lab File: BG040204.D
Acq: 28 Mar 2019 17:44

Instrument :
BNA_G
ClientSampleId :
TT-001-IDWSO-20190325MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	102.0	76.4	114.6
141	69.2	53.8	80.8

Manual Integrations
APPROVED

Sohil
3/29/2019 4:45:38 PM

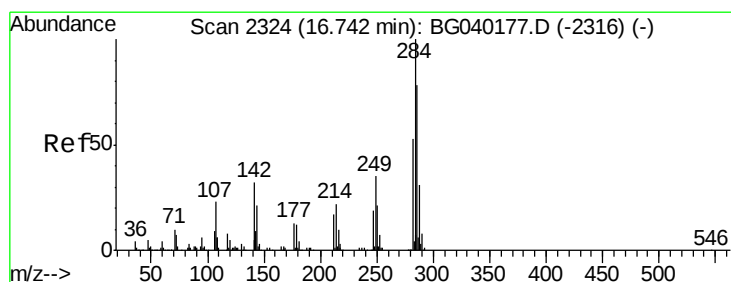
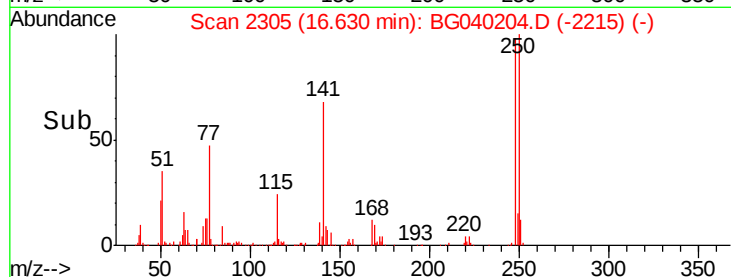
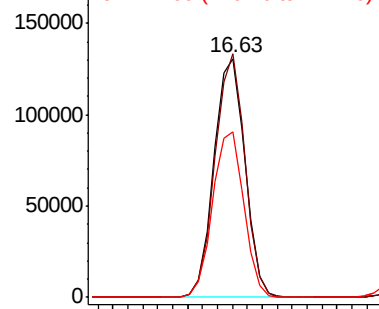


Abundance

Ion 248.00 (247.70 to 248.70): E

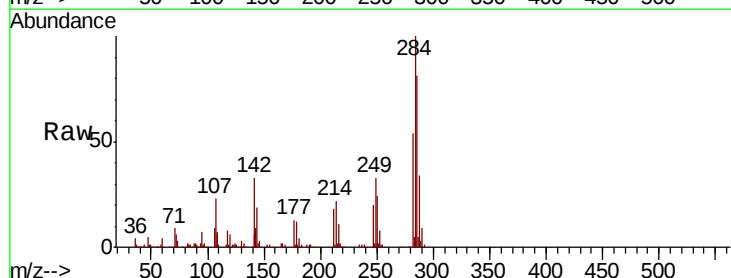
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 45.080 ng
RT: 16.74 min Scan# 2324
Delta R.T. -0.00 min
Lab File: BG040204.D
Acq: 28 Mar 2019 17:44

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.7	25.3	37.9
249	33.4	28.2	42.2

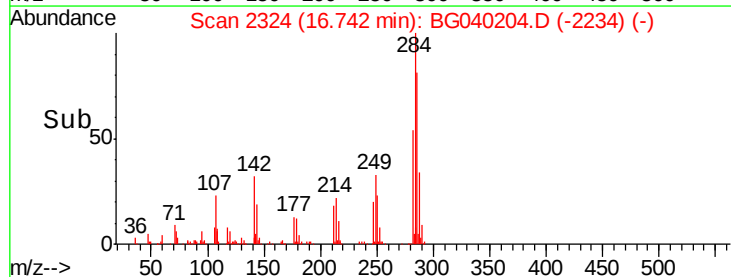
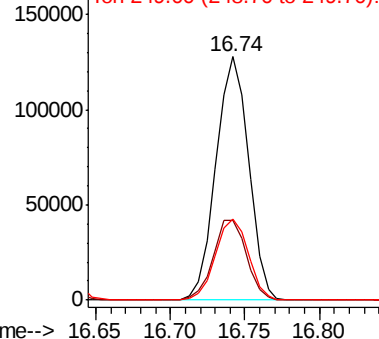


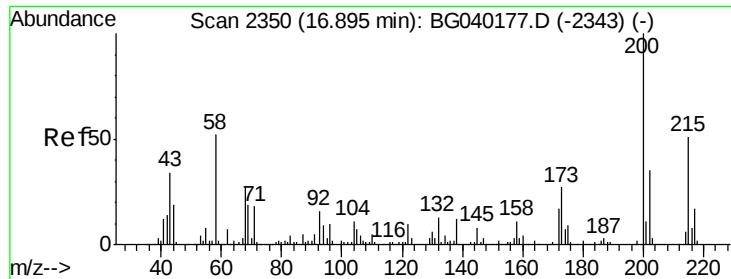
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





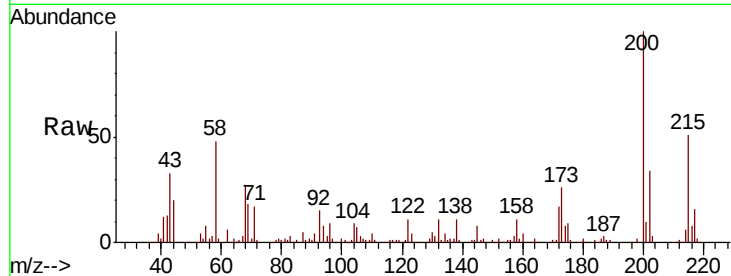
#69
 Atrazine
 Concen: 47.051 ng
 RT: 16.89 min Scan# 2350
 Delta R.T. -0.00 min
 Lab File: BG040204.D
 Acq: 28 Mar 2019 17:44

Instrument :
 BNA_G
 ClientSampleId :
 TT-001-IDWSO-20190325MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.0	7.1	47.1
215	51.5	30.9	70.9

Manual Integrations
 APPROVED

Sohil
 3/29/2019 4:45:38 PM

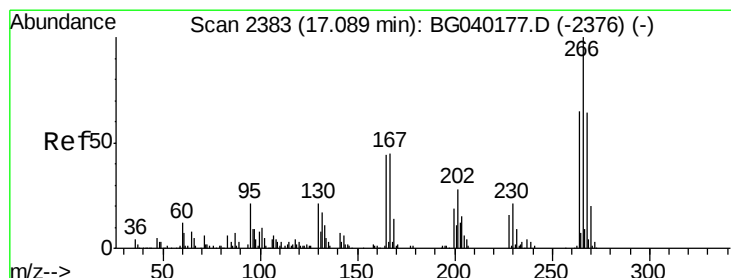
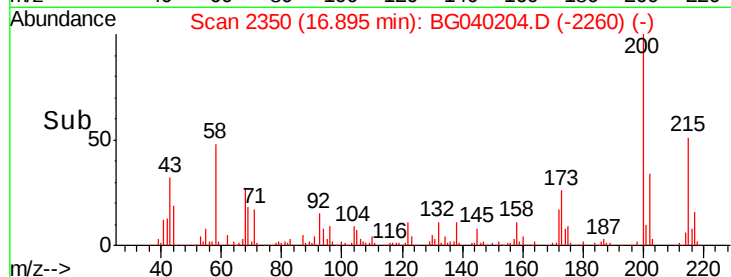
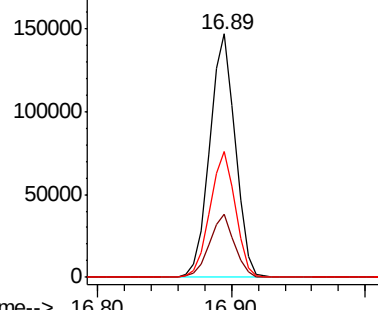


Abundance

Ion 200.00 (199.70 to 200.70): E

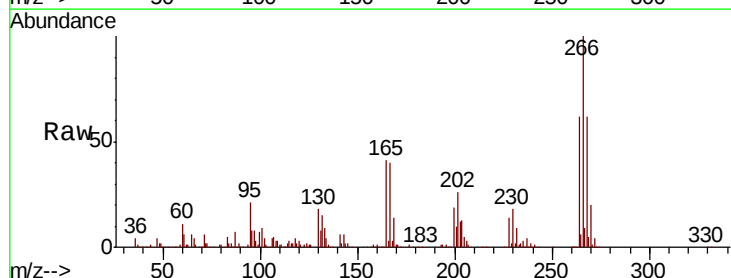
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 93.132 ng
 RT: 17.09 min Scan# 2384
 Delta R.T. 0.01 min
 Lab File: BG040204.D
 Acq: 28 Mar 2019 17:44

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.4	55.0	82.4
264	62.3	51.8	77.8

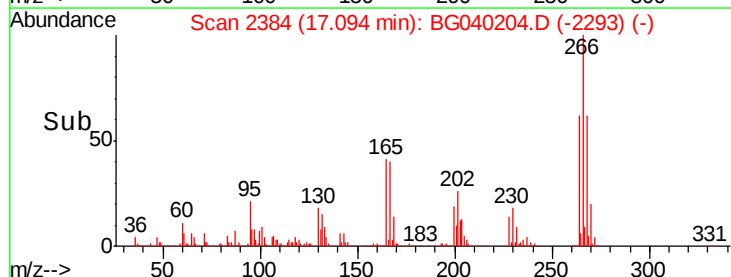
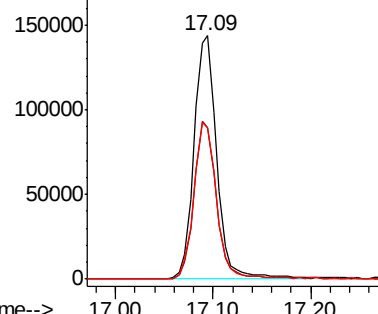


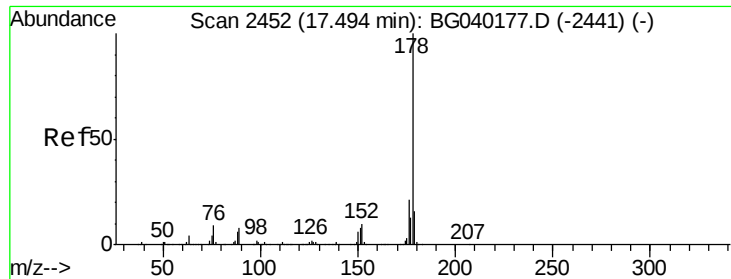
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





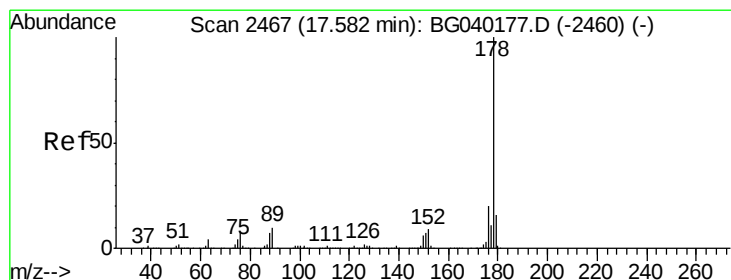
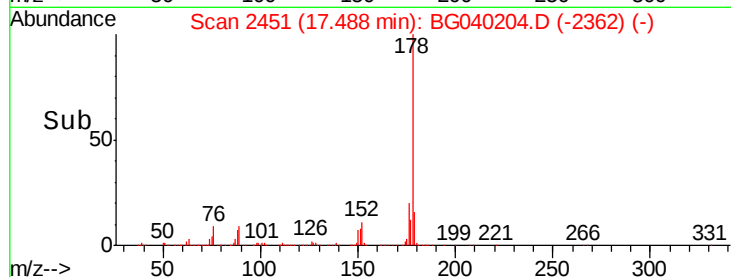
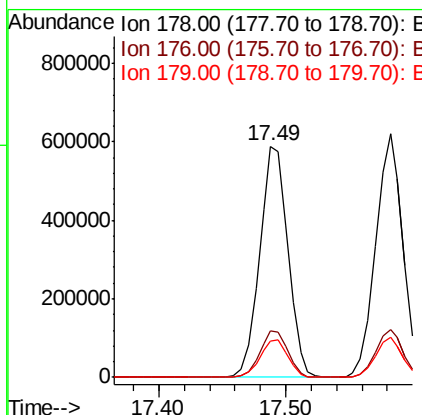
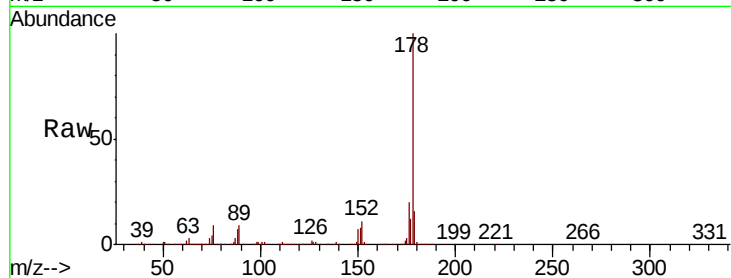
#71
Phenanthrene
Concen: 45.651 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.01 min
Lab File: BG040204.D
Acq: 28 Mar 2019 17:44

Instrument :
BNA_G
ClientSampleId :
TT-001-IDWSO-20190325MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.7	25.1
179	15.9	12.8	19.2

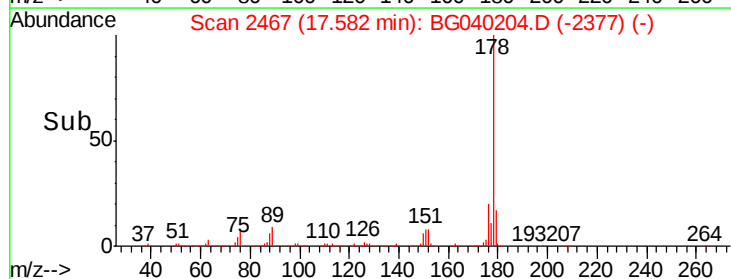
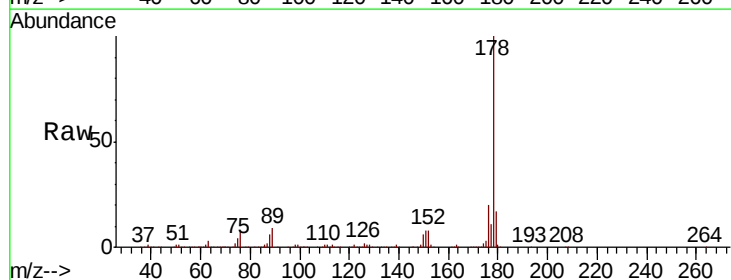
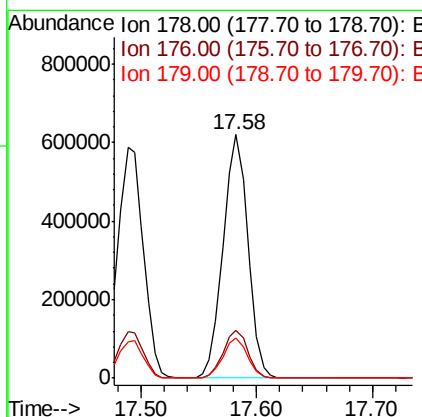
Manual Integrations
APPROVED

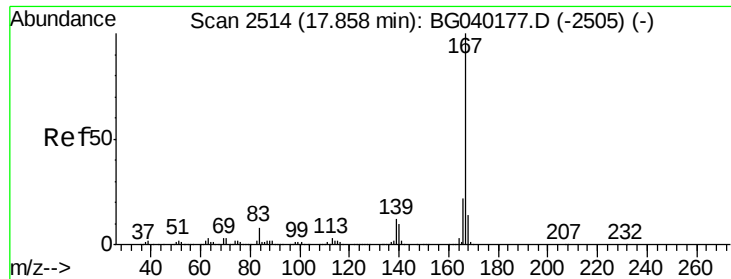
Sohil
3/29/2019 4:45:38 PM



#72
Anthracene
Concen: 46.078 ng
RT: 17.58 min Scan# 2467
Delta R.T. -0.00 min
Lab File: BG040204.D
Acq: 28 Mar 2019 17:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.9	23.9
179	16.6	12.9	19.3





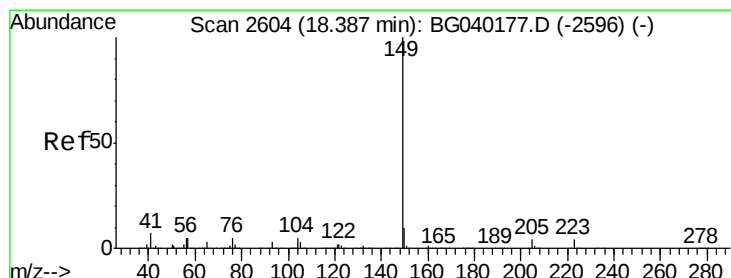
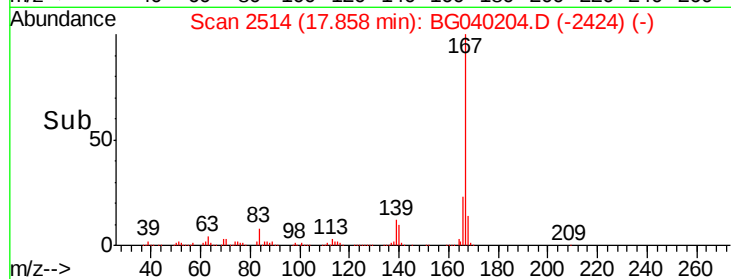
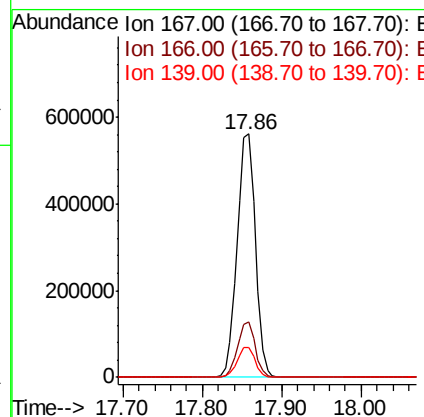
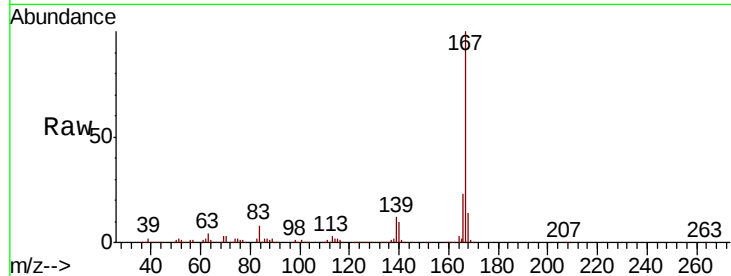
#73
 Carbazole
 Concen: 47.458 ng
 RT: 17.86 min Scan# 2514
 Delta R.T. -0.00 min
 Lab File: BG040204.D
 Acq: 28 Mar 2019 17:44

Instrument :
 BNA_G
 ClientSampleId :
 TT-001-IDWSO-20190325MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.5	26.3
139	12.2	10.0	15.0

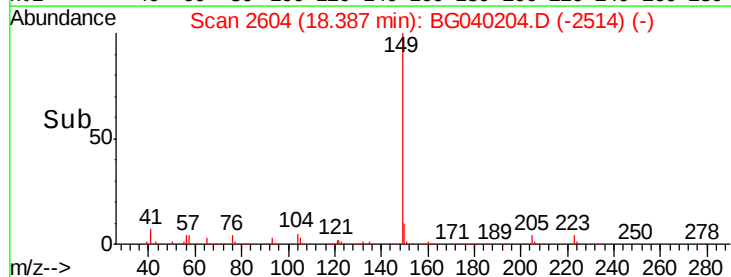
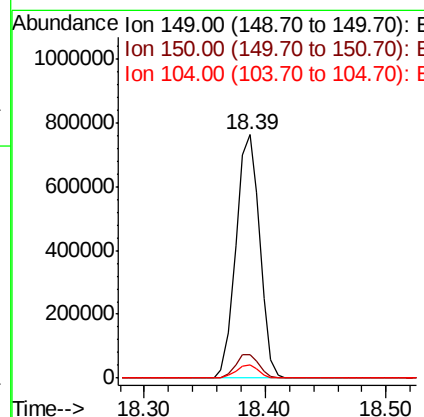
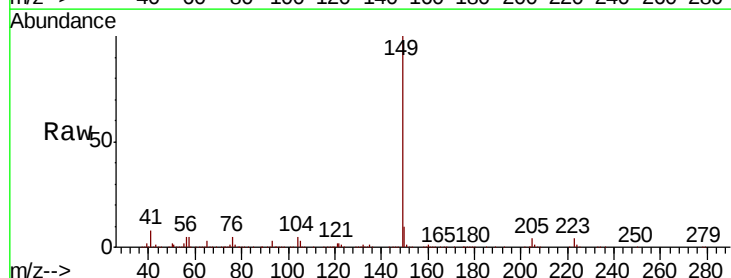
Manual Integrations
 APPROVED

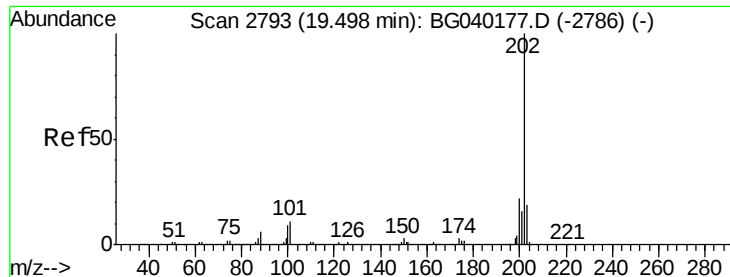
Sohil
 3/29/2019 4:45:38 PM



#74
 Di-n-butylphthalate
 Concen: 46.488 ng
 RT: 18.39 min Scan# 2604
 Delta R.T. -0.00 min
 Lab File: BG040204.D
 Acq: 28 Mar 2019 17:44

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.9	11.9
104	5.2	4.1	6.1





#75

Fluoranthene

Concen: 46.899 ng

RT: 19.50 min Scan# 2793

Delta R.T. -0.00 min

Lab File: BG040204.D

Acq: 28 Mar 2019 17:44

Instrument :

BNA_G

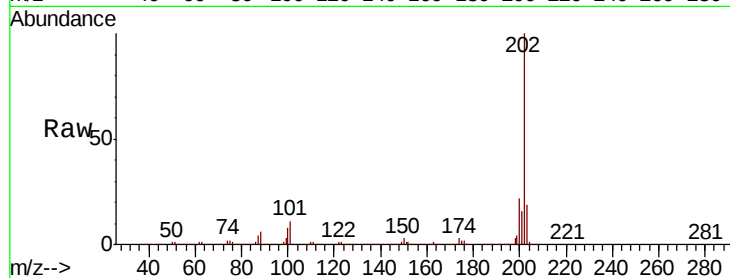
ClientSampleId :

TT-001-IDWSO-20190325MSD

Tot Ion:	202	Resp:	1108618
Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	30.8
203	19.4	0.0	38.9

Manual Integrations
APPROVED

Sohil
3/29/2019 4:45:38 PM

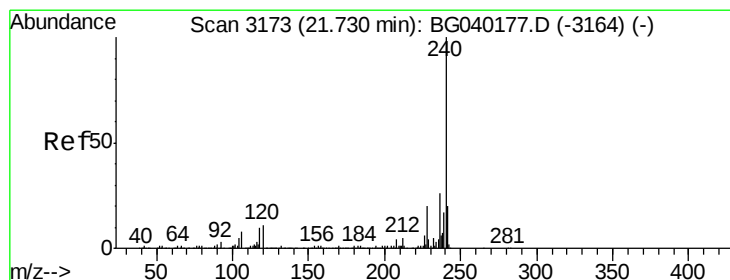
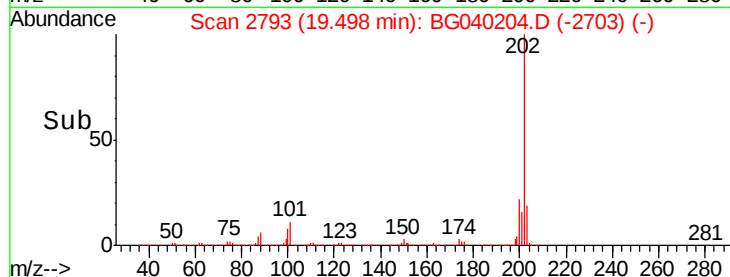
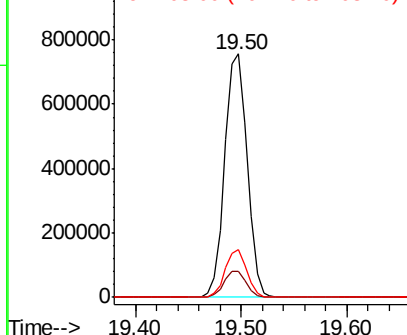


Abundance

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

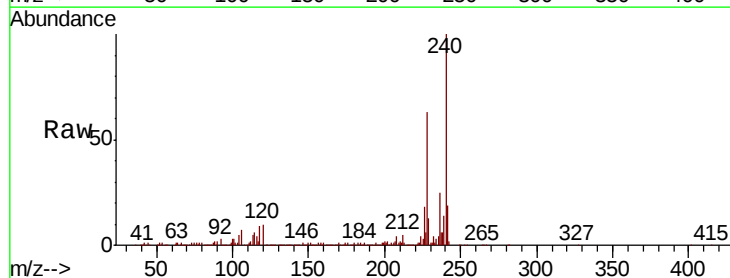
RT: 21.72 min Scan# 3172

Delta R.T. -0.01 min

Lab File: BG040204.D

Acq: 28 Mar 2019 17:44

Tgt Ion:	240	Resp:	378357
Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.4	12.6
236	25.2	20.8	31.2

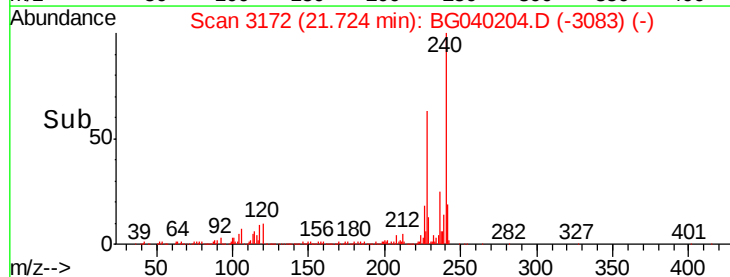
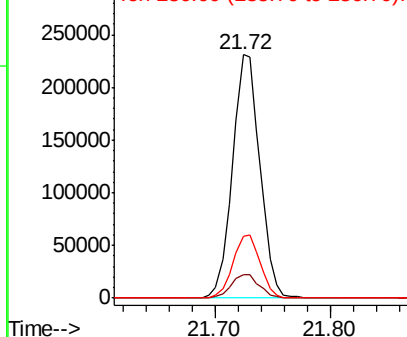


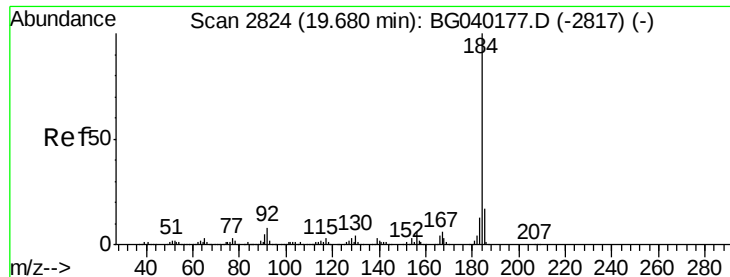
Abundance

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: 25.786 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG040204.D

Acq: 28 Mar 2019 17:44

Instrument :

BNA_G

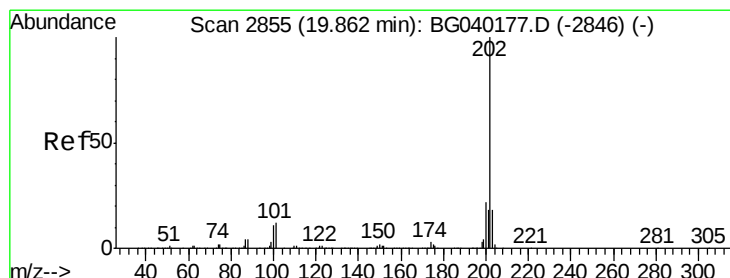
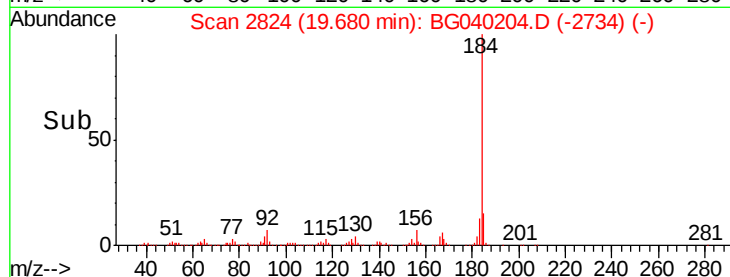
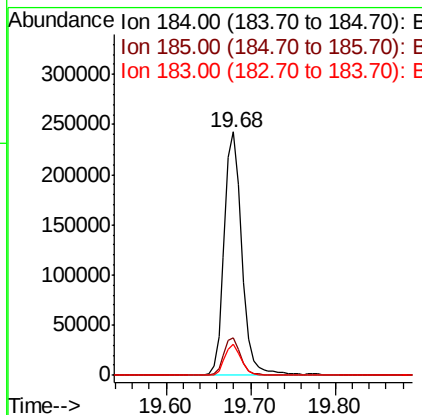
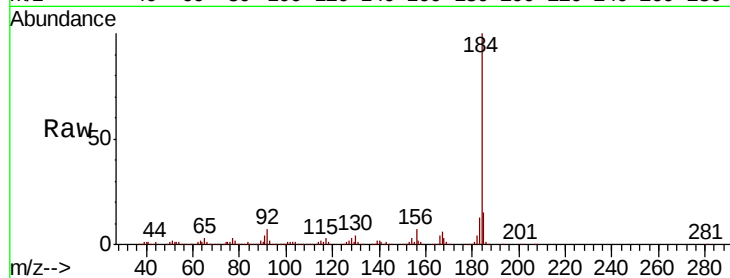
ClientSampleId :

TT-001-IDWSO-20190325MSD

Tot Ion:	184	Resp:	352318
Ion Ratio	Lower	Upper	
184	100		
185	15.5	13.3	19.9
183	13.0	10.3	15.5

Manual Integrations
APPROVED

Sohil
3/29/2019 4:45:38 PM



#78

Pyrene

Concen: 44.804 ng

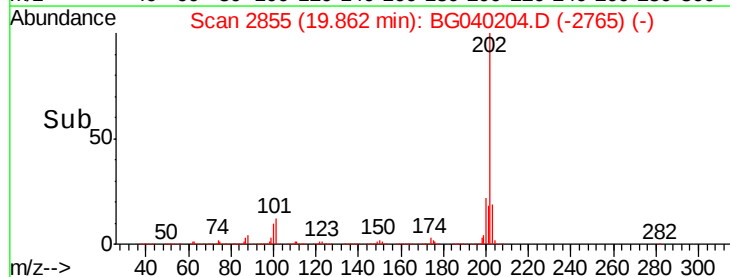
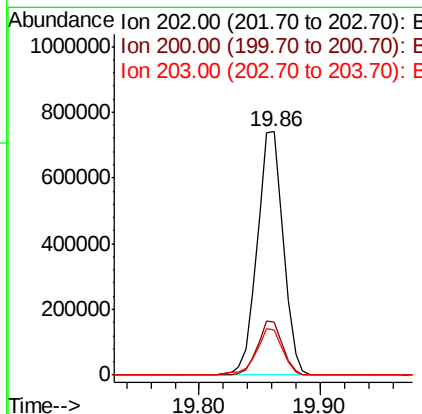
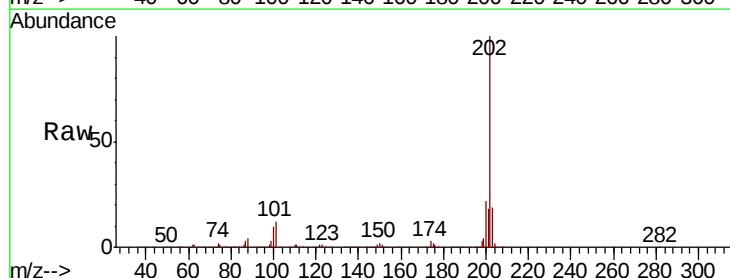
RT: 19.86 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG040204.D

Acq: 28 Mar 2019 17:44

Tgt Ion:	202	Resp:	1114779
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.3	25.9
203	18.8	14.6	22.0





#79

Terphenyl-d14

Concen: 78.221 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BG040204.D

Acq: 28 Mar 2019 17:44

Instrument :

BNA_G

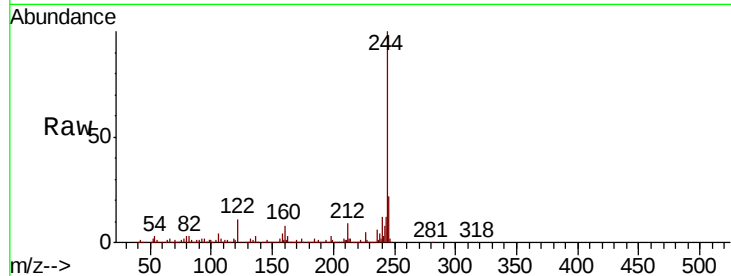
ClientSampleId :

TT-001-IDWSO-20190325MSD

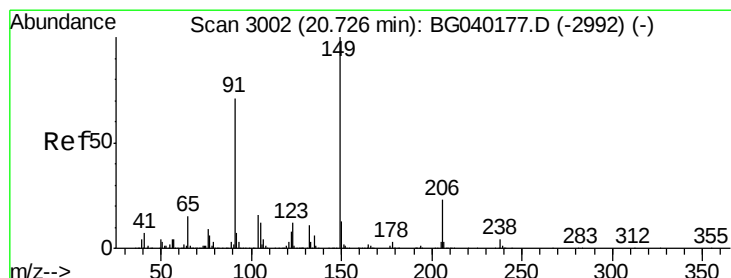
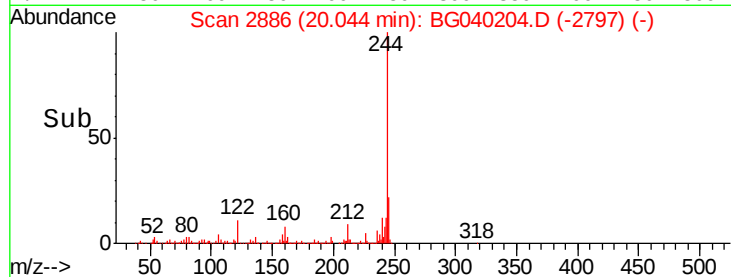
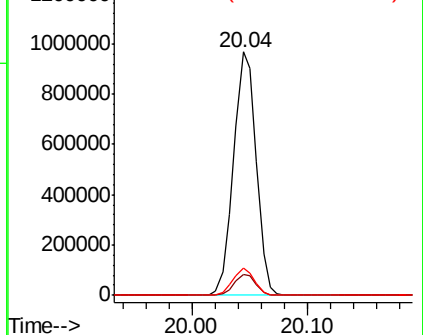
Tot Ion:	244	Resp:	1315556
Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.6
122	11.0	8.5	12.7

Manual Integrations
APPROVED

Sohil
3/29/2019 4:45:38 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: 45.632 ng

RT: 20.73 min Scan# 3002

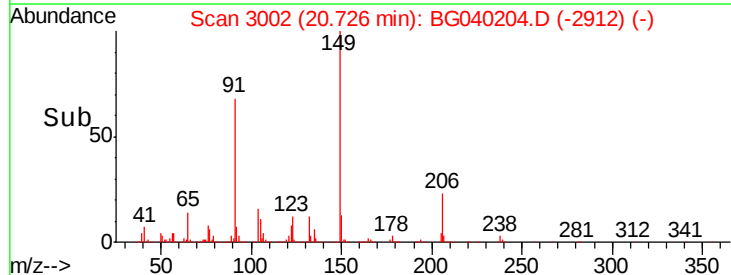
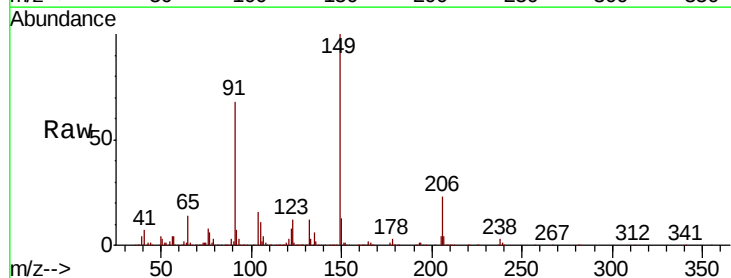
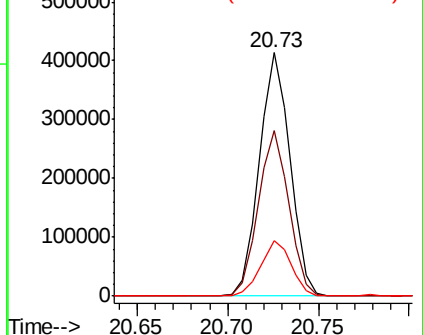
Delta R.T. -0.00 min

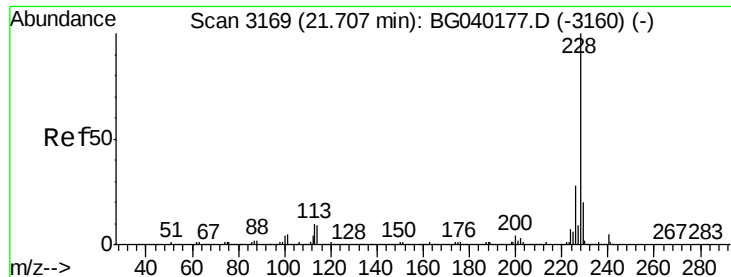
Lab File: BG040204.D

Acq: 28 Mar 2019 17:44

Tgt Ion:	149	Resp:	485841
Ion	Ratio	Lower	Upper
149	100		
91	67.8	57.0	85.4
206	22.9	18.2	27.4

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: 44.093 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.00 min

Lab File: BG040204.D

Acq: 28 Mar 2019 17:44

Instrument :

BNA_G

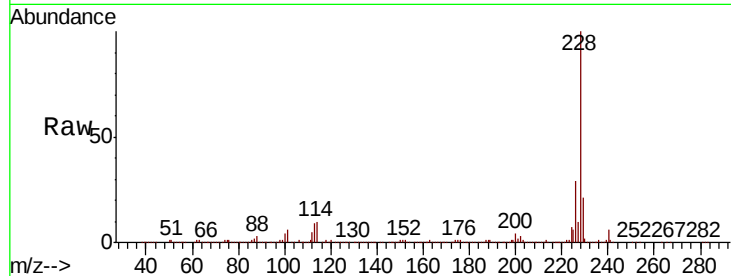
ClientSampleId :

TT-001-IDWSO-20190325MSD

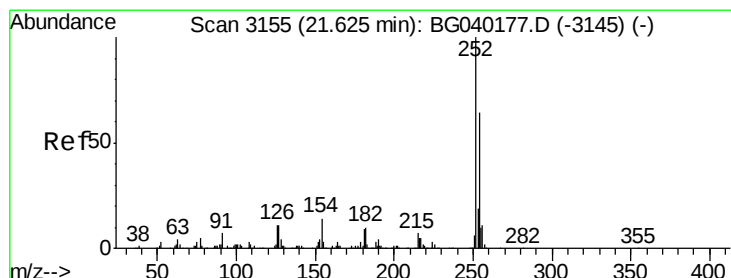
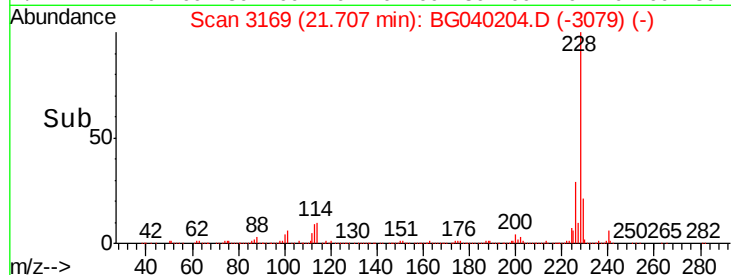
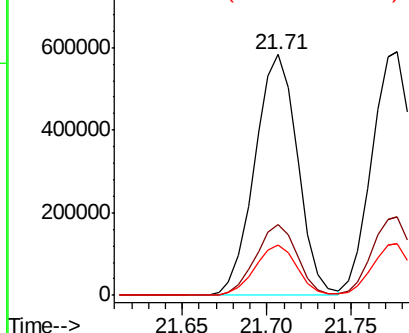
Tot Ion:	228	Resp:	1027580
Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.6	34.0
229	20.8	16.1	24.1

Manual Integrations
APPROVED

Sohil
3/29/2019 4:45:38 PM



Abundance Ion 228.00 (227.70 to 228.70): E
800000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 18.194 ng

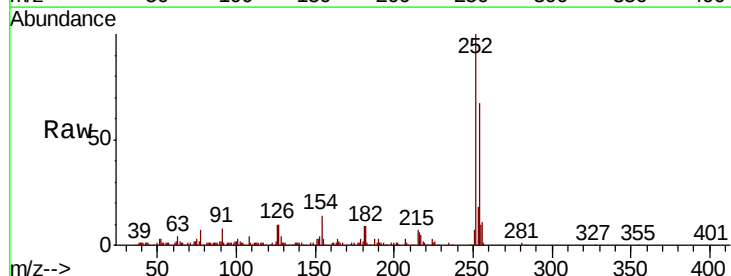
RT: 21.62 min Scan# 3154

Delta R.T. -0.01 min

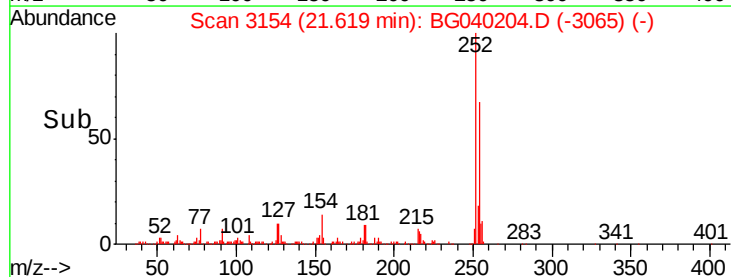
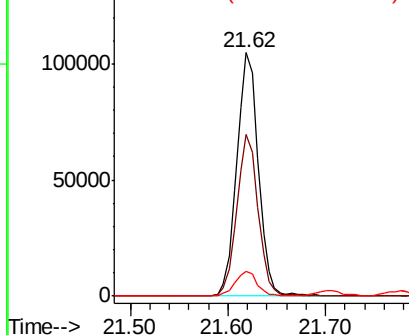
Lab File: BG040204.D

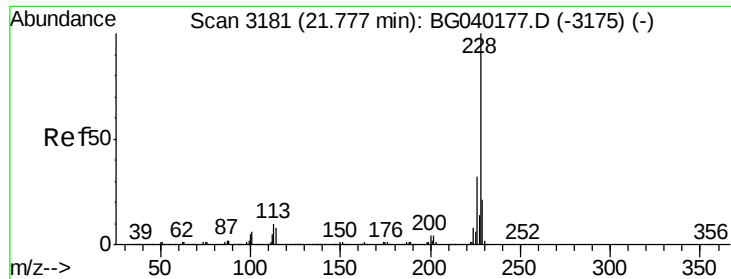
Acq: 28 Mar 2019 17:44

Tgt Ion:	252	Resp:	161294
Ion	Ratio	Lower	Upper
252	100		
254	66.6	51.4	77.2
126	10.3	8.5	12.7



Abundance Ion 252.00 (251.70 to 252.70): E
100000
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





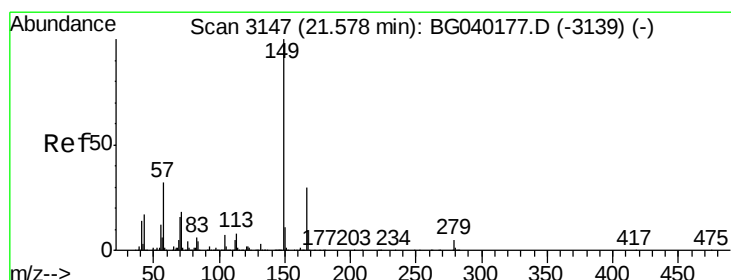
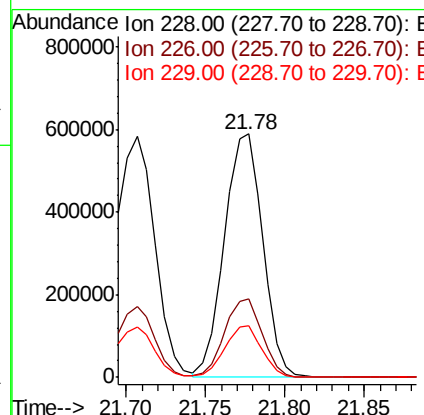
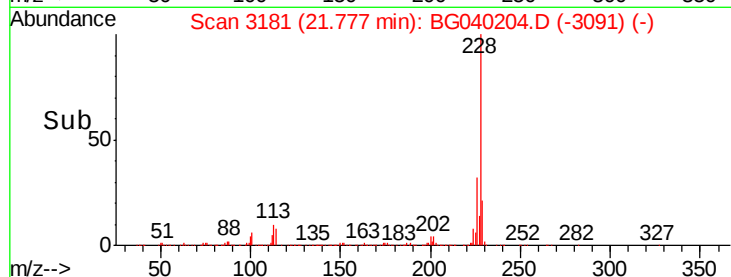
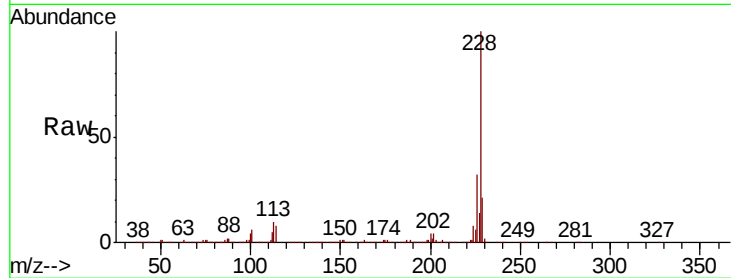
#83
 Chrysene
 Concen: 44.107 ng
 RT: 21.78 min Scan# 3181
 Delta R.T. -0.00 min
 Lab File: BG040204.D
 Acq: 28 Mar 2019 17:44

Instrument :
 BNA_G
 ClientSampleId :
 TT-001-IDWSO-20190325MSD

Tot Ion:	228	Resp:	987872
Ion Ratio	Lower	Upper	
228	100		
226	32.2	25.4	38.0
229	21.1	17.0	25.4

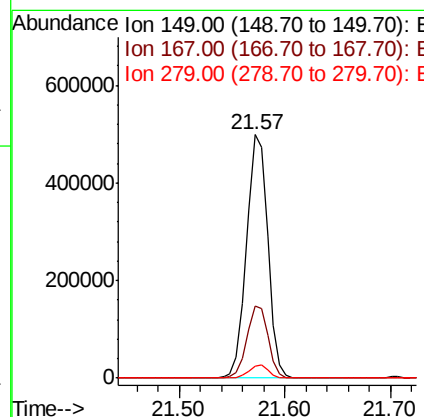
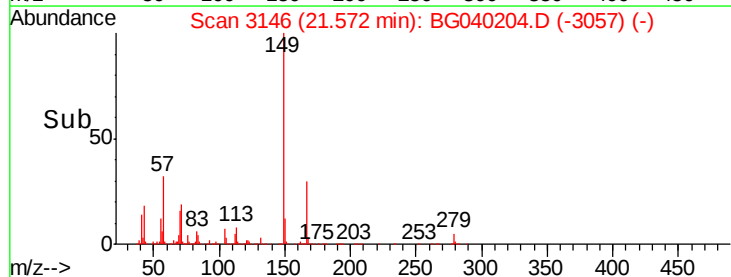
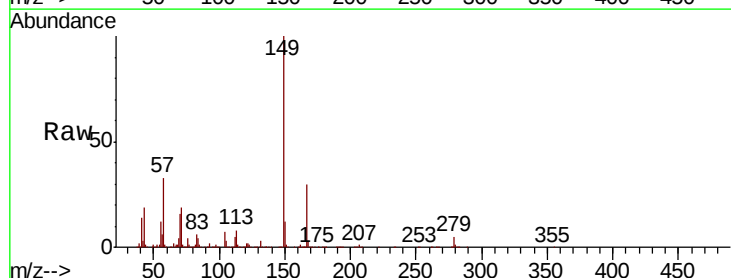
Manual Integrations
 APPROVED

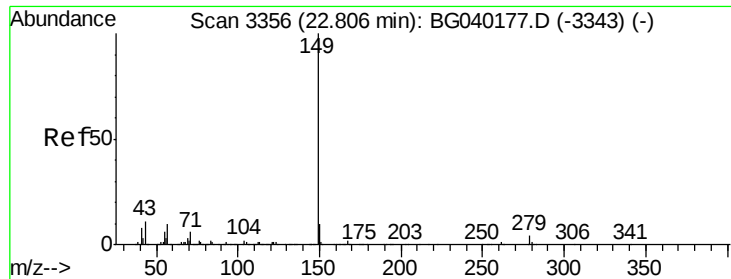
Sohil
 3/29/2019 4:45:38 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.508 ng
 RT: 21.57 min Scan# 3146
 Delta R.T. -0.01 min
 Lab File: BG040204.D
 Acq: 28 Mar 2019 17:44

Tgt Ion:	149	Resp:	692613
Ion Ratio	Lower	Upper	
149	100		
167	29.7	24.1	36.1
279	4.9	4.1	6.1





#85

Di-n-octyl phthalate

Concen: 45.448 ng

RT: 22.81 min Scan# 3356

Delta R.T. -0.00 min

Lab File: BG040204.D

Acq: 28 Mar 2019 17:44

Instrument :

BNA_G

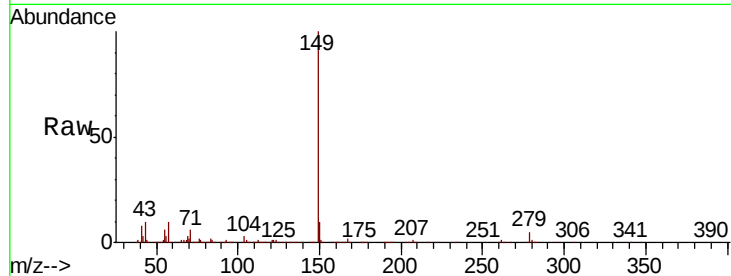
ClientSampleId :

TT-001-IDWSO-20190325MSD

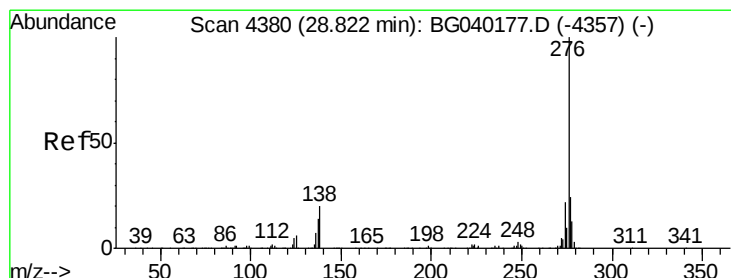
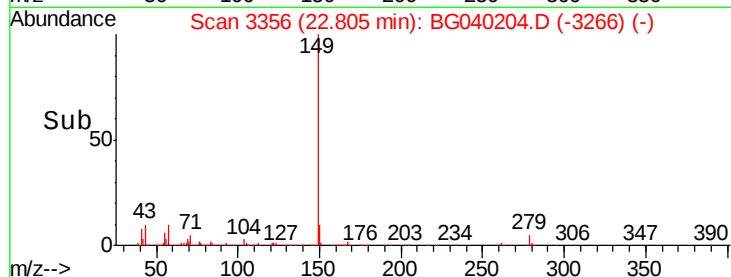
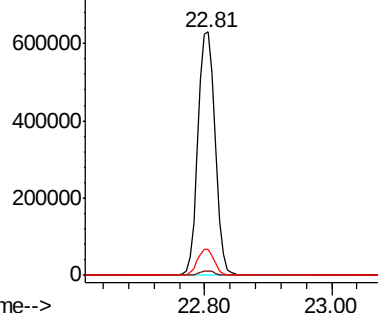
Tot Ion:	149	Resp:	1178495
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.4	8.7	13.1

Manual Integrations
APPROVED

Sohil
3/29/2019 4:45:38 PM



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.962 ng

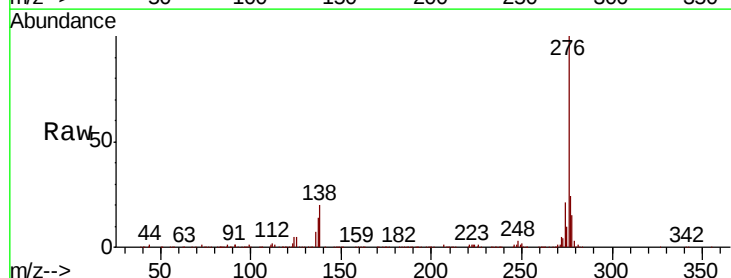
RT: 28.82 min Scan# 4380

Delta R.T. -0.00 min

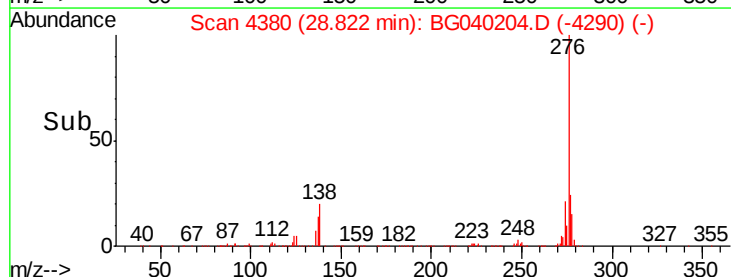
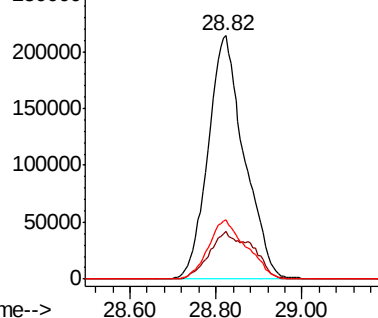
Lab File: BG040204.D

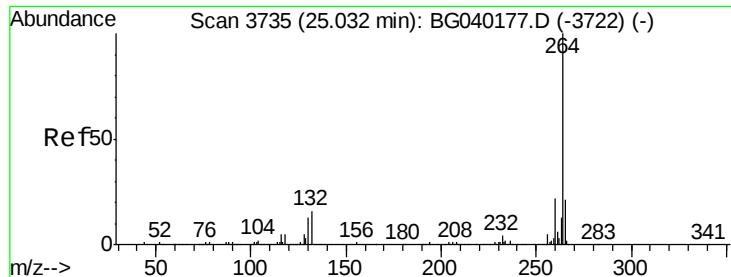
Acq: 28 Mar 2019 17:44

Tgt Ion:	276	Resp:	1259063
Ion	Ratio	Lower	Upper
276	100		
138	23.2	18.8	28.2
277	25.6	21.0	31.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.03 min Scan# 3734

Delta R.T. -0.01 min

Lab File: BG040204.D

Acq: 28 Mar 2019 17:44

Instrument :

BNA_G

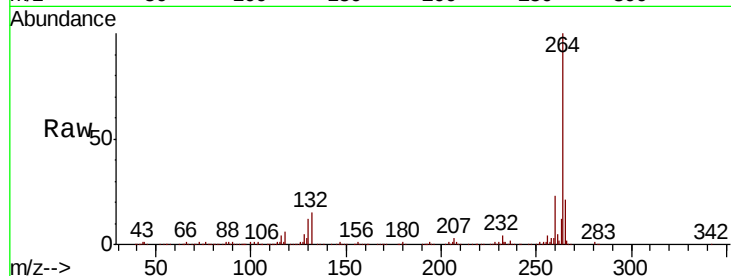
ClientSampleId :

TT-001-IDWSO-20190325MSD

Tot Ion:	264	Resp:	393120
Ion Ratio	Lower	Upper	
264	100		
260	23.2	17.9	26.9
265	21.4	16.8	25.2

Manual Integrations
APPROVED

Sohil
3/29/2019 4:45:38 PM

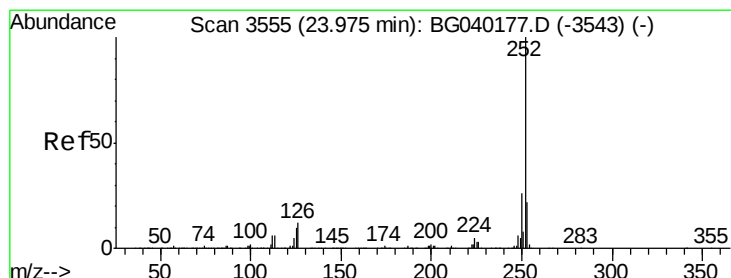
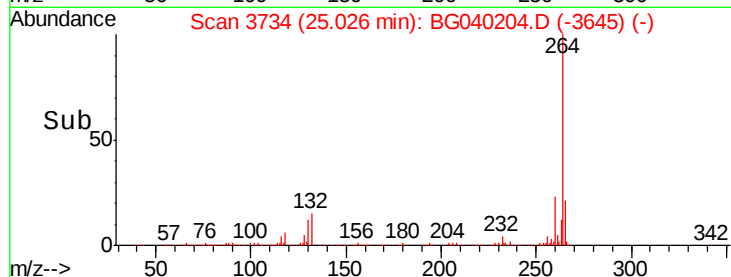
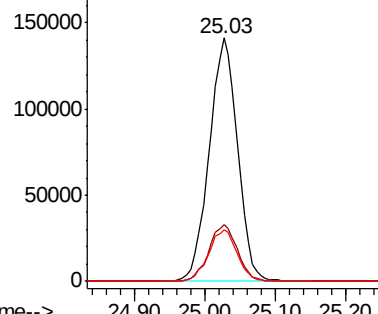


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.814 ng

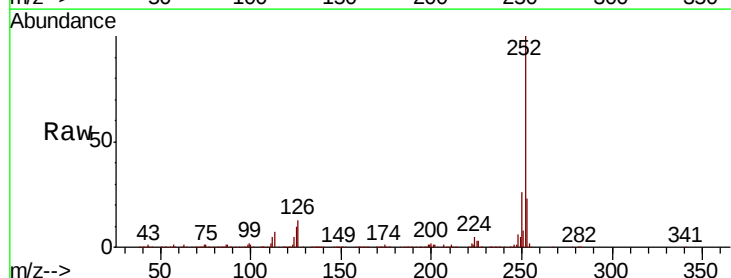
RT: 23.97 min Scan# 3554

Delta R.T. -0.01 min

Lab File: BG040204.D

Acq: 28 Mar 2019 17:44

Tgt Ion:	252	Resp:	1078599
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.6	26.4
125	10.2	8.2	12.4

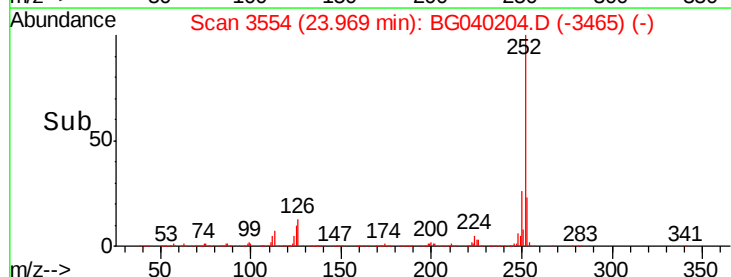
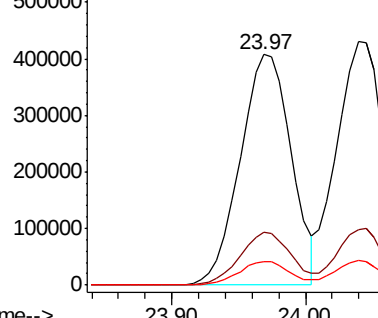


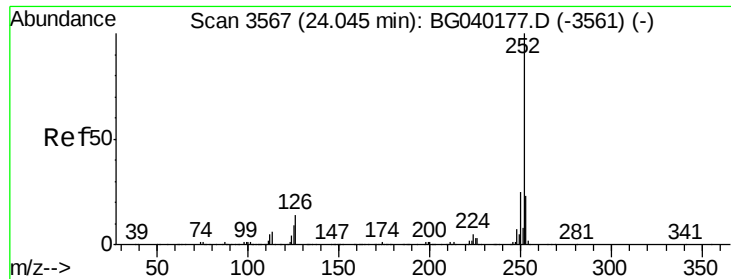
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





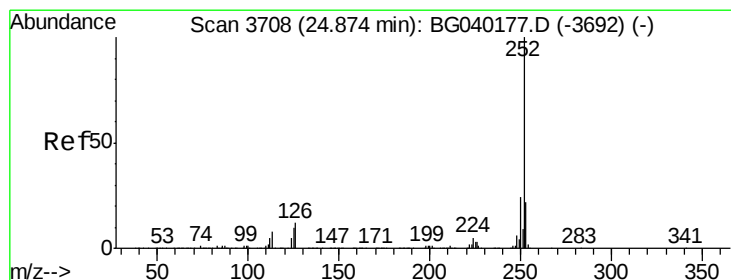
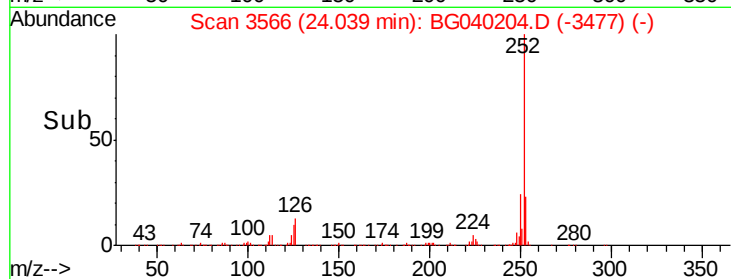
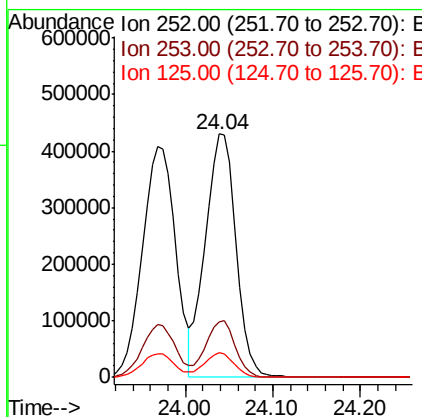
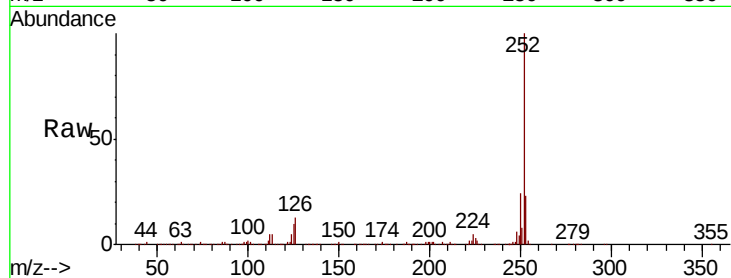
#89
Benzo(k)fluoranthene
Concen: 47.414 ng
RT: 24.04 min Scan# 3566
Delta R.T. -0.01 min
Lab File: BG040204.D
Acq: 28 Mar 2019 17:44

Instrument :
BNA_G
ClientSampleId :
TT-001-IDWSO-20190325MSD

Tot Ion:252 Resp: 1049446
Ion Ratio Lower Upper
252 100
253 22.7 18.6 28.0
125 10.0 7.3 10.9

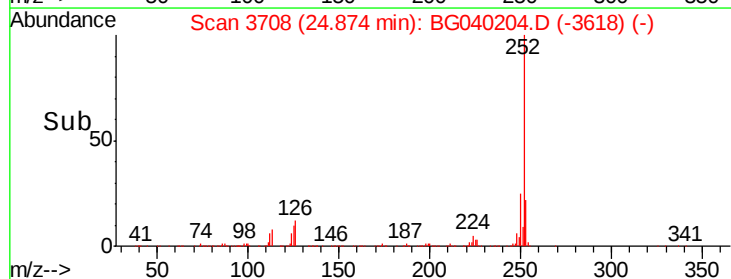
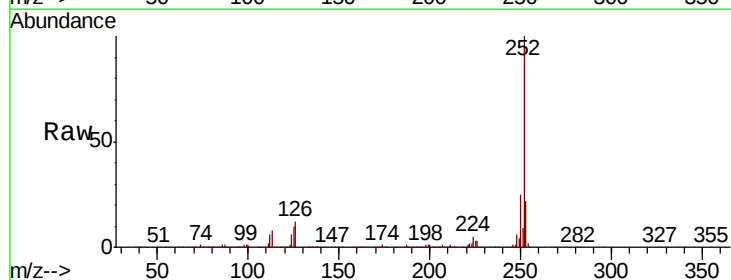
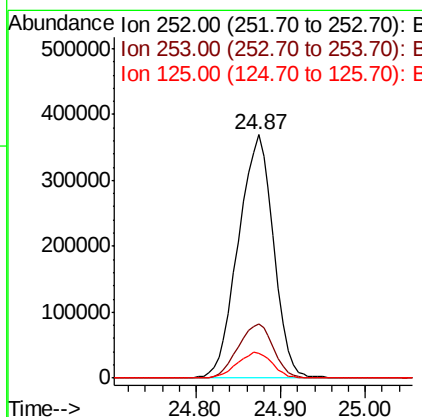
Manual Integrations
APPROVED

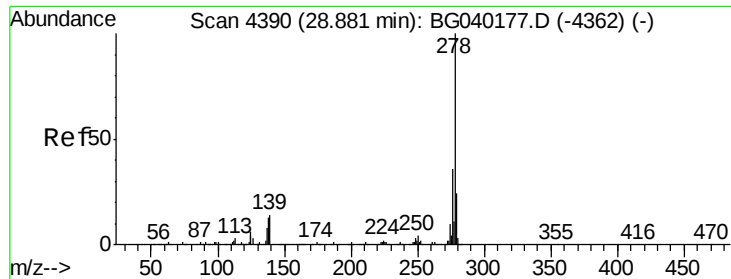
Sohil
3/29/2019 4:45:38 PM



#90
Benzo(a)pyrene
Concen: 47.246 ng
RT: 24.87 min Scan# 3708
Delta R.T. -0.00 min
Lab File: BG040204.D
Acq: 28 Mar 2019 17:44

Tgt Ion:252 Resp: 1066915
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 10.4 8.3 12.5





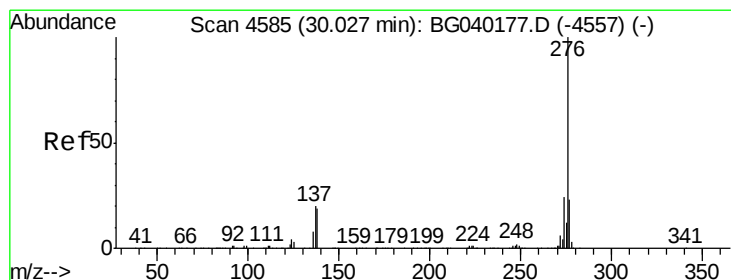
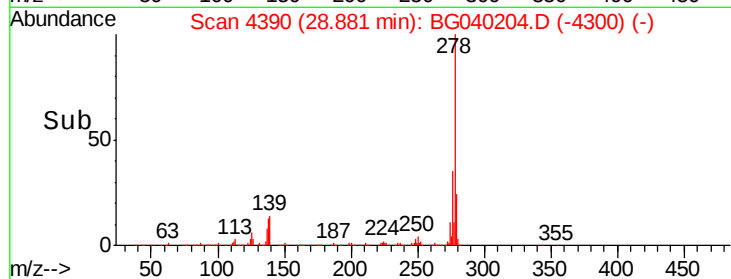
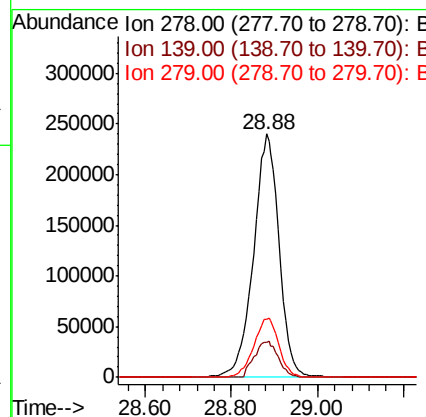
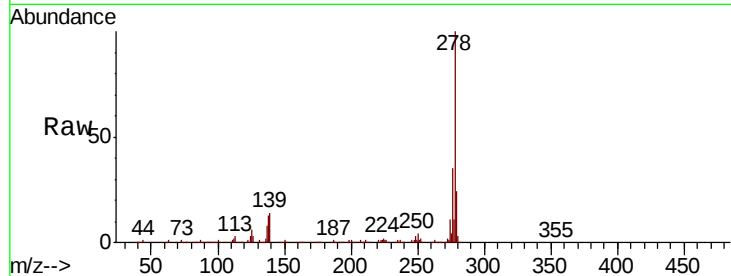
#91
Dibenzo(a,h)anthracene
Concen: 48.440 ng
RT: 28.88 min Scan# 4390
Delta R.T. -0.00 min
Lab File: BG040204.D
Acq: 28 Mar 2019 17:44

Instrument :
BNA_G
ClientSampleId :
TT-001-IDWSO-20190325MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.2	11.2	16.8
279	24.0	18.9	28.3

Manual Integrations
APPROVED

Sohil
3/29/2019 4:45:38 PM



#92
Benzo(g,h,i)perylene
Concen: 48.287 ng
RT: 30.02 min Scan# 4584
Delta R.T. -0.01 min
Lab File: BG040204.D
Acq: 28 Mar 2019 17:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.6	18.6	28.0
138	19.7	15.2	22.8

