

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021119\
 Data File : BG039443.D
 Acq On : 11 Feb 2019 20:49
 Operator : JU/SJ
 Sample : K1356-06MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-020819-AMSD

Manual Integrations
 APPROVED

Sohil
 2/12/2019 12:07:47 PM

Quant Time: Feb 12 03:32:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	51005	20.00	ng	-0.01
21) Naphthalene-d8	11.00	136	229759	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	161233	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	384740	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	391791	20.00	ng	-0.02
87) Perylene-d12	25.21	264	406018	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.71	112	418828	140.54	ng	0.00
7) Phenol-d6	7.31	99	580571	132.35	ng	0.00
23) Nitrobenzene-d5	9.35	82	392658	106.76	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	277246	159.69	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	979587	87.16	ng	-0.01
79) Terphenyl-d14	20.13	244	1563503	84.47	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.61	88	45667	35.032	ng	# 33
3) Pyridine	4.02	79	127776	37.022	ng	94
4) n-Nitrosodimethylamine	3.92	42	71939	41.678	ng	85
6) Aniline	7.50	93	71613	13.033	ng	98
8) 2-Chlorophenol	7.73	128	164216	50.411	ng	97
9) Benzaldehyde	7.31	77	77661	33.935	ng	95
10) Phenol	7.34	94	200283	43.799	ng	97
11) bis(2-Chloroethyl)ether	7.59	93	162936	45.093	ng	96
12) 1,3-Dichlorobenzene	8.06	146	168583	42.720	ng	97
13) 1,4-Dichlorobenzene	8.21	146	173378	44.079	ng	97
14) 1,2-Dichlorobenzene	8.52	146	166482	43.722	ng	99
15) Benzyl Alcohol	8.41	79	170601	49.537	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.69	45	303668	37.215	ng	100
17) 2-Methylphenol	8.60	107	149191	50.417	ng	98
18) Hexachloroethane	9.26	117	58925	43.544	ng	92
19) n-Nitroso-di-n-propylamine	8.98	70	139358	44.760	ng	94
20) 3+4-Methylphenols	8.93	107	207146	50.834	ng	97
22) Acetophenone	9.00	105	261616	42.390	ng	# 93
24) Nitrobenzene	9.39	77	199531	50.219	ng	95
25) Isophorone	9.90	82	401778	49.298	ng	99
26) 2-Nitrophenol	10.10	139	99142	59.194	ng	95
27) 2,4-Dimethylphenol	10.14	122	180093	54.625	ng	95
28) bis(2-Chloroethoxy)methane	10.39	93	238824	47.575	ng	99
29) 2,4-Dichlorophenol	10.63	162	194172	53.888	ng	94
30) 1,2,4-Trichlorobenzene	10.84	180	187646	46.385	ng	96
31) Naphthalene	11.04	128	545158	47.828	ng	99
32) Benzoic acid	10.27	122	107043	49.285	ng	97
33) 4-Chloroaniline	11.16	127	11245	2.128	ng	93
34) Hexachlorobutadiene	11.31	225	118572	44.074	ng	95
35) Caprolactam	11.94	113	55800m	37.423	ng	
36) 4-Chloro-3-methylphenol	12.25	107	209274	50.220	ng	97
37) 2-Methylnaphthalene	12.64	142	414923	49.149	ng	98
38) 1-Methylnaphthalene	12.85	142	400317	49.192	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	227597	44.366	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021119\
 Data File : BG039443.D
 Acq On : 11 Feb 2019 20:49
 Operator : JU/SJ
 Sample : K1356-06MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-020819-AMSD

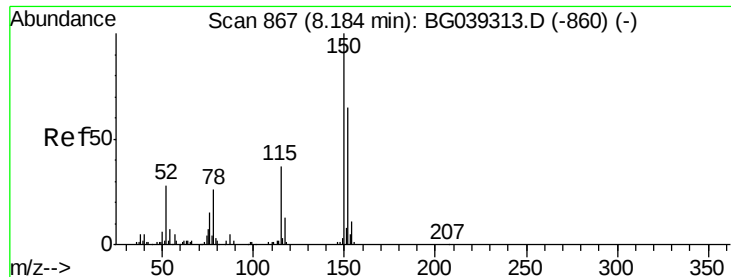
Manual Integrations
 APPROVED

Sohil
 2/12/2019 12:07:47 PM

Quant Time: Feb 12 03:32:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	287259	102.761	nq	99
43) 2,4,6-Trichlorophenol	13.23	196	164286	52.085	nq	98
44) 2,4,5-Trichlorophenol	13.30	196	178506	53.997	nq	97
46) 1,1'-Biphenyl	13.64	154	572647	42.687	nq	99
47) 2-Chloronaphthalene	13.68	162	442254	43.823	nq	98
48) 2-Nitroaniline	13.89	65	150339	51.192	nq	93
49) Acenaphthylene	14.52	152	717874	47.143	nq	97
50) Dimethylphthalate	14.25	163	602911	46.300	nq	99
51) 2,6-Dinitrotoluene	14.38	165	134896	54.413	nq	95
52) Acenaphthene	14.86	154	441166	44.632	nq	100
53) 3-Nitroaniline	14.70	138	13692	10.378	nq	# 98
54) 2,4-Dinitrophenol	14.90	184	128818	104.229	nq	95
55) Dibenzofuran	15.19	168	714300	45.071	nq	98
56) 4-Nitrophenol	14.99	139	215371	90.643	nq	88
57) 2,4-Dinitrotoluene	15.16	165	188757	58.503	nq	# 85
58) Fluorene	15.84	166	567369	48.024	nq	96
59) 2,3,4,6-Tetrachlorophenol	15.41	232	177131	57.226	nq	96
60) Diethylphthalate	15.60	149	603735	44.842	nq	98
61) 4-Chlorophenyl-phenylether	15.83	204	306077	45.754	nq	96
62) 4-Nitroaniline	15.87	138	124841	45.918	nq	91
63) Azobenzene	16.12	77	535270	40.676	nq	98
65) 4,6-Dinitro-2-methylphenol	15.91	198	100927	60.402	nq	95
66) n-Nitrosodiphenylamine	16.04	169	519333	44.393	nq	99
67) 4-Bromophenyl-phenylether	16.72	248	200615	47.002	nq	94
68) Hexachlorobenzene	16.83	284	208879	48.777	nq	95
69) Atrazine	16.98	200	209034	48.895	nq	97
70) Pentachlorophenol	17.18	266	265943	89.353	nq	97
71) Phenanthrene	17.58	178	945692	47.491	nq	98
72) Anthracene	17.68	178	955476	48.713	nq	98
73) Carbazole	17.94	167	846919	43.266	nq	99
74) Di-n-butylphthalate	18.48	149	1032535	45.214	nq	99
75) Fluoranthene	19.58	202	1131899	48.973	nq	99
77) Benzidine	19.76	184	101907	7.934	nq	98
78) Pyrene	19.94	202	1147909	47.065	nq	99
80) Butylbenzylphthalate	20.81	149	485152	47.154	nq	95
81) Benzo(a)anthracene	21.81	228	1127914	48.721	nq	99
82) 3,3'-Dichlorobenzidine	21.72	252	91899	10.706	nq	97
83) Chrysene	21.88	228	1052707	47.768	nq	98
84) Bis(2-ethylhexyl)phthalate	21.68	149	677569	46.162	nq	99
85) Di-n-octyl phthalate	22.95	149	1141680	47.080	nq	96
86) Indeno(1,2,3-cd)pyrene	29.11	276	1283099	54.265	nq	# 93
88) Benzo(b)fluoranthene	24.13	252	1127382	50.915	nq	98
89) Benzo(k)fluoranthene	24.20	252	1047647	47.127	nq	99
90) Benzo(a)pyrene	25.05	252	1079538	50.624	nq	99
91) Dibenzo(a,h)anthracene	29.18	278	1031550	51.653	nq	98
92) Benzo(g,h,i)perylene	30.34	276	1058744	53.189	nq	96

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



#1

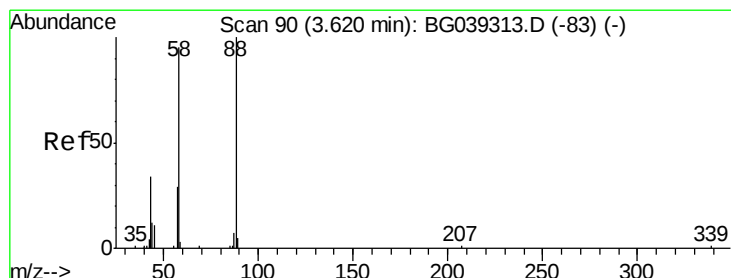
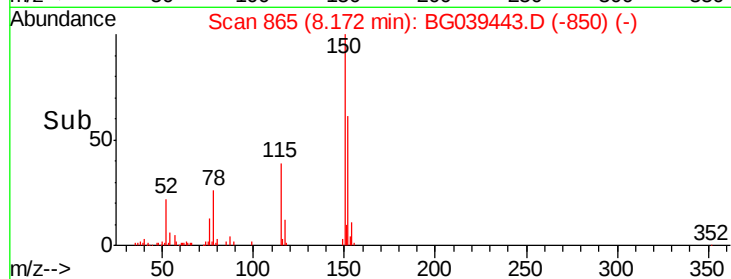
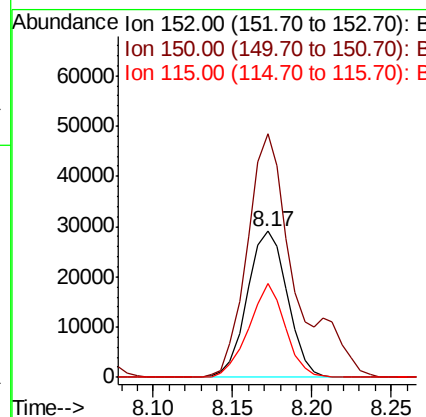
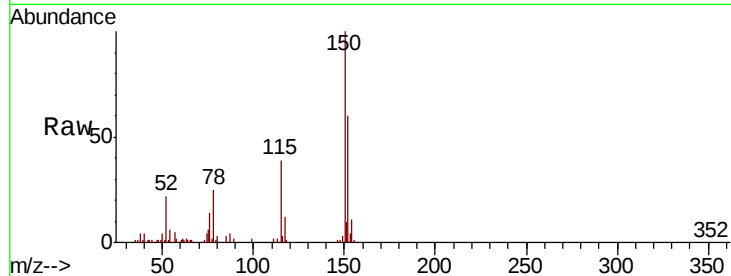
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Instrument :
BNA_G
ClientSampleId :
SU-03-020819-AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	166.8	123.7	185.5
115	64.4	45.9	68.9

Manual Integrations
APPROVED

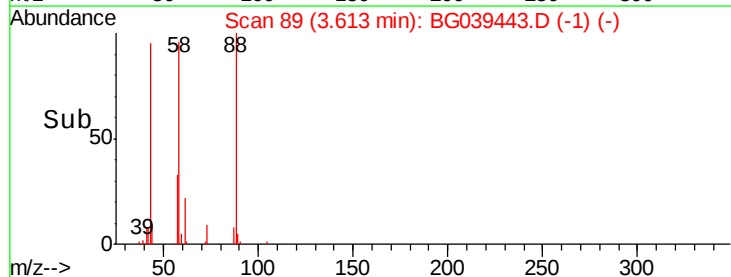
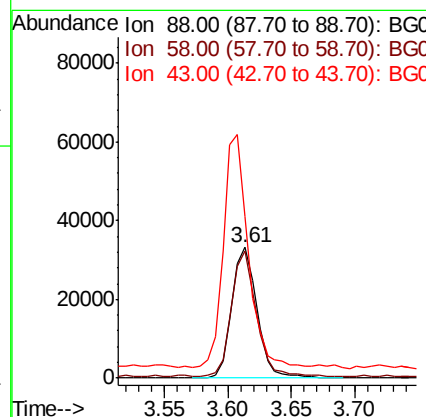
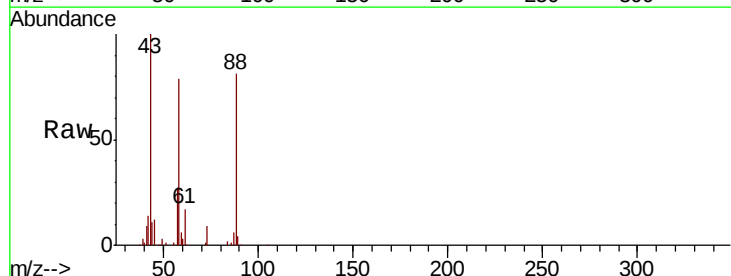
Sohil
2/12/2019 12:07:47 PM

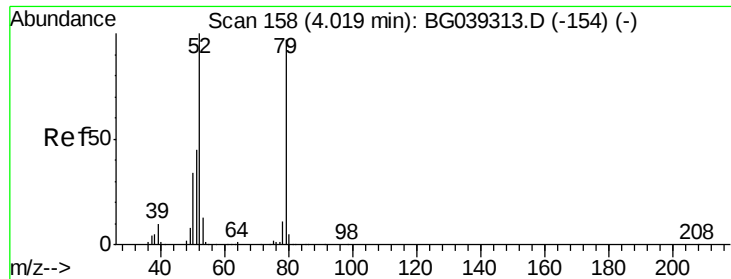


#2

1,4-Dioxane
Concen: 35.032 ng
RT: 3.61 min Scan# 89
Delta R.T. -0.01 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.8	81.1	121.7
43	176.6	31.4	47.0





#3

Pvridine

Concen: 37.022 ng

RT: 4.02 min Scan# 158

Delta R.T. -0.00 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Instrument :

BNA_G

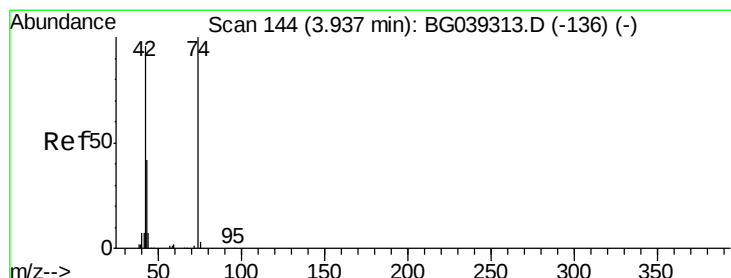
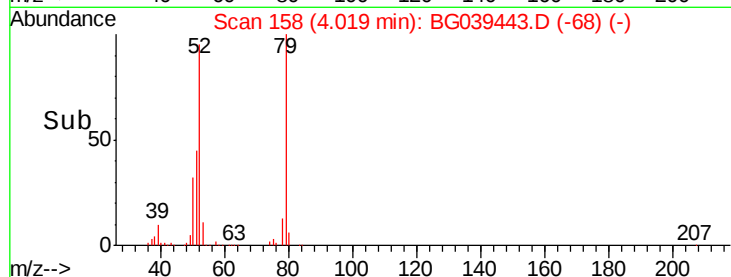
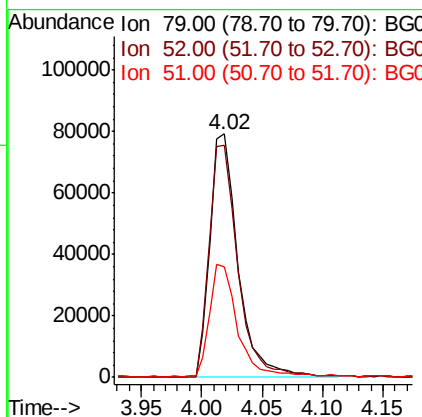
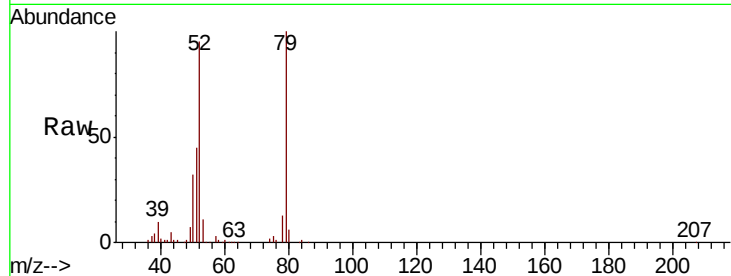
ClientSampleId :

SU-03-020819-AMSD

Tot Ion:	79	Resp:	127776
Ion	Ratio	Lower	Upper
79	100		
52	95.2	82.6	124.0
51	45.2	37.5	56.3

Manual Integrations
APPROVED

Sohil
2/12/2019 12:07:47 PM



#4

n-Nitrosodimethylamine

Concen: 41.678 ng

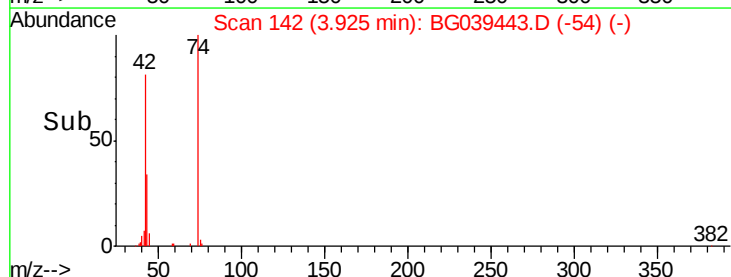
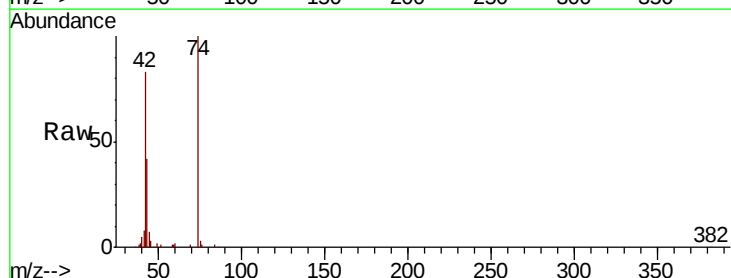
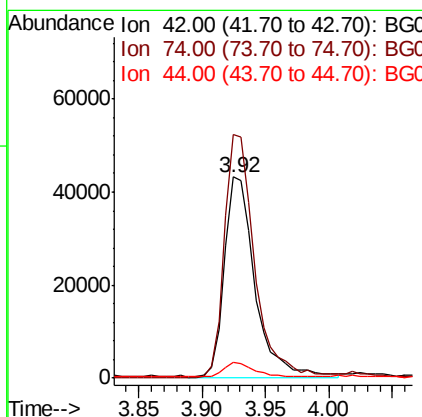
RT: 3.92 min Scan# 142

Delta R.T. -0.01 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Tgt Ion:	42	Resp:	71939
Ion	Ratio	Lower	Upper
42	100		
74	121.0	83.6	125.4
44	8.0	6.9	10.3





#5

2-Fluorophenol

Concen: 140.541 ng

RT: 5.71 min Scan# 446

Delta R.T. -0.01 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Instrument :

BNA_G

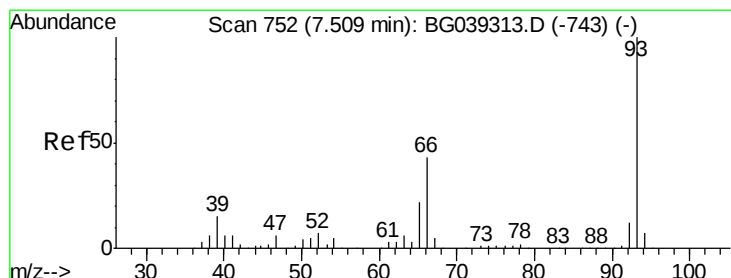
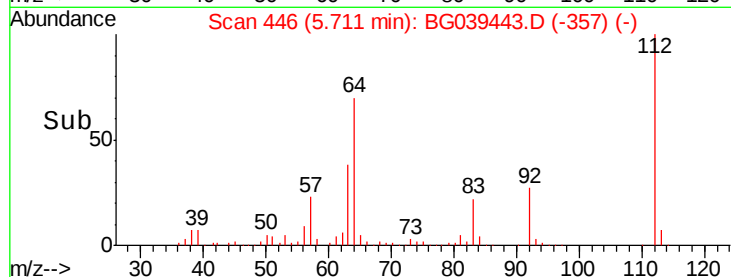
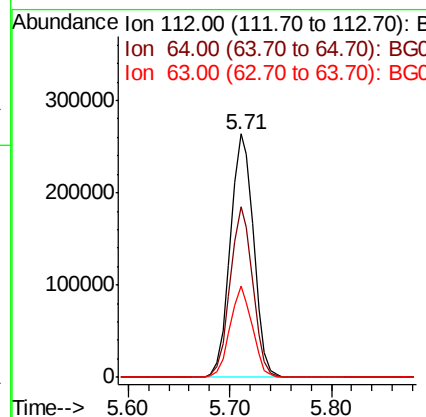
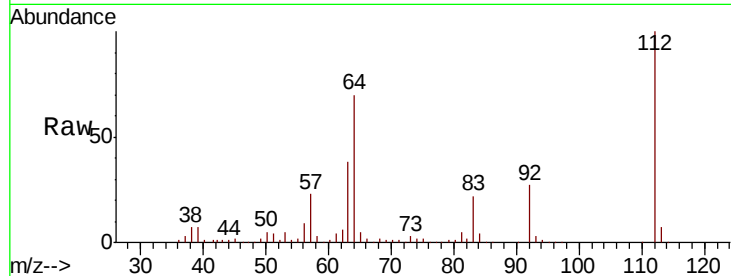
ClientSampleId :

SU-03-020819-AMSD

Tot Ion:	112	Resp:	418828
Ion Ratio	Lower	Upper	
112	100		
64	70.1	57.8	86.8
63	37.7	29.8	44.6

Manual Integrations
APPROVED

Sohil
2/12/2019 12:07:47 PM



#6

Aniline

Concen: 13.033 ng

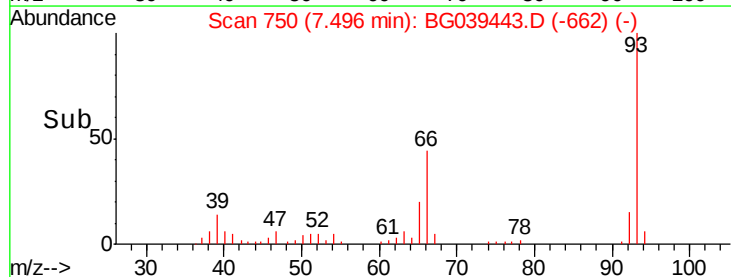
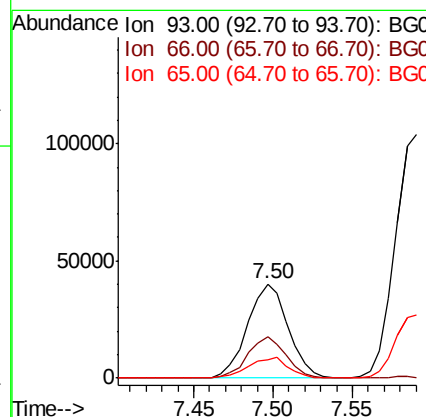
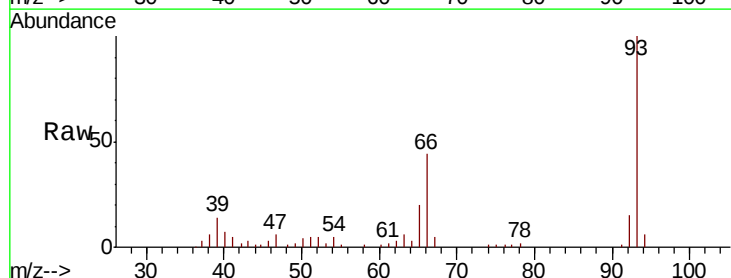
RT: 7.50 min Scan# 750

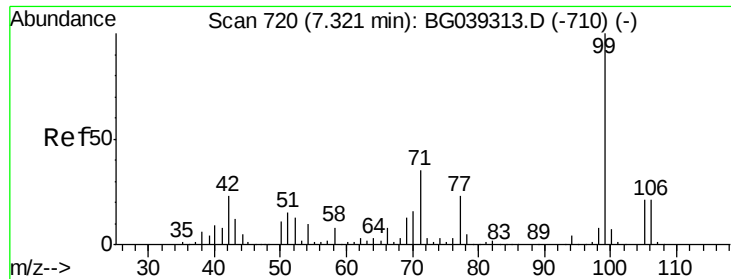
Delta R.T. -0.01 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Tgt Ion:	93	Resp:	71613
Ion Ratio	Lower	Upper	
93	100		
66	43.6	34.2	51.4
65	19.8	17.7	26.5





#7

Phenol-d6

Concen: 132.349 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Instrument :

BNA_G

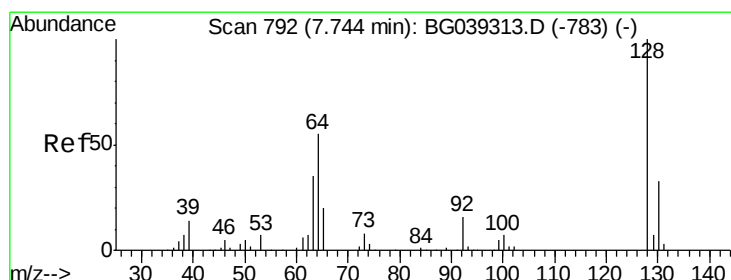
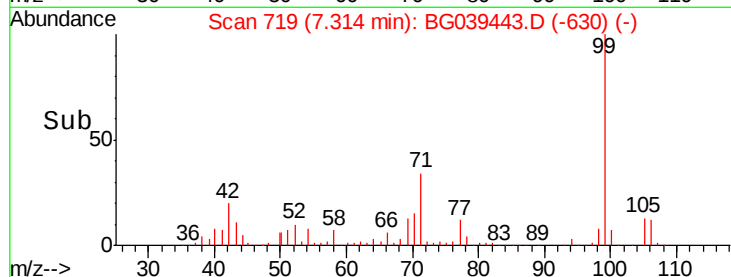
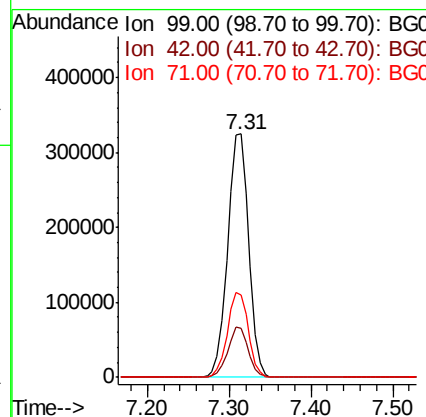
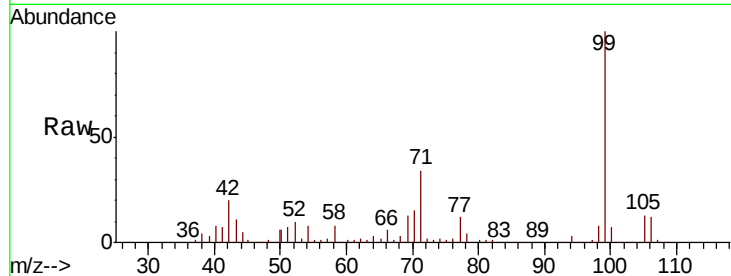
ClientSampleId :

SU-03-020819-AMSD

Tot Ion:	99	Resp:	580571
Ion Ratio	Lower	Upper	
99	100		
42	20.1	18.2	27.2
71	33.8	28.0	42.0

Manual Integrations
APPROVED

Sohil
2/12/2019 12:07:47 PM



#8

2-Chlorophenol

Concen: 50.411 ng

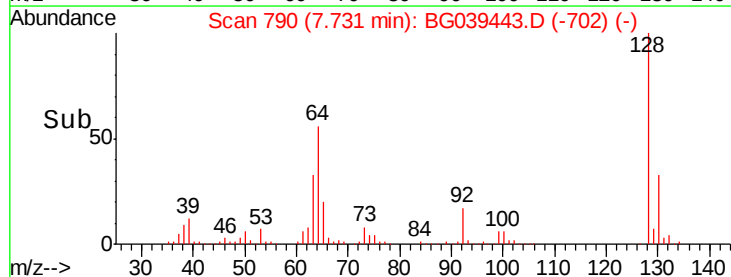
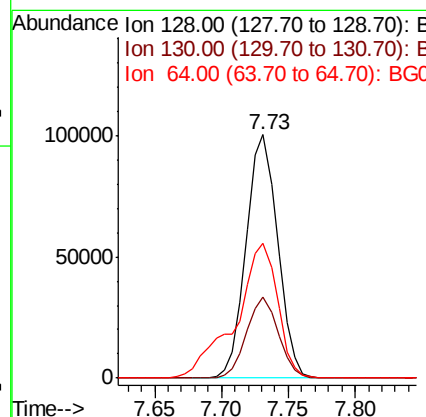
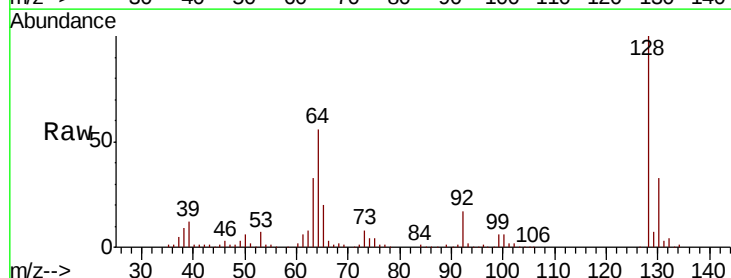
RT: 7.73 min Scan# 790

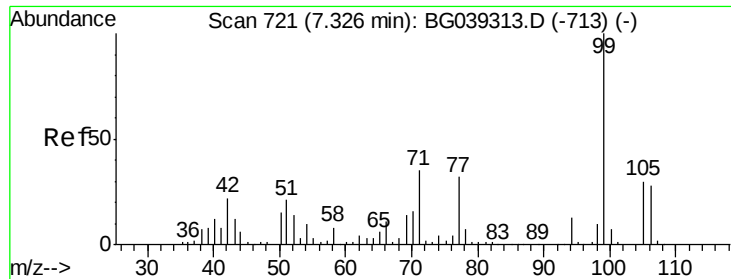
Delta R.T. -0.01 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Tgt Ion:	128	Resp:	164216
Ion Ratio	Lower	Upper	
128	100		
130	33.3	12.9	52.9
64	55.5	38.7	78.7





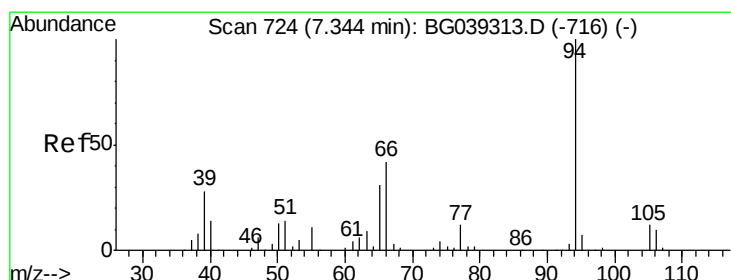
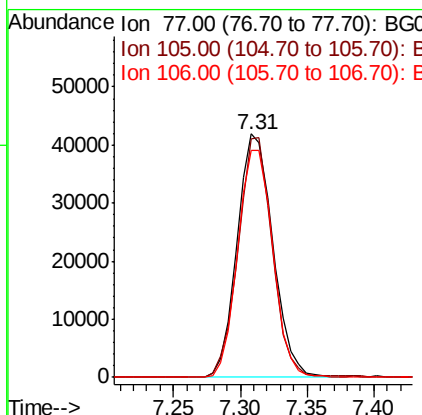
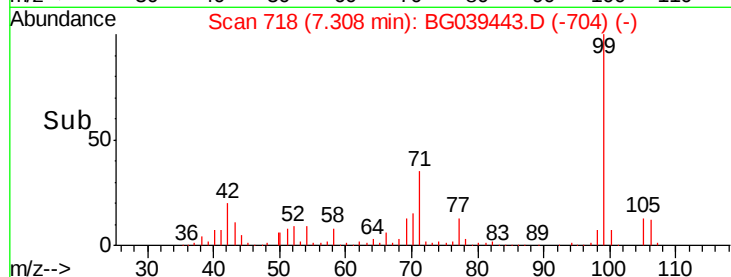
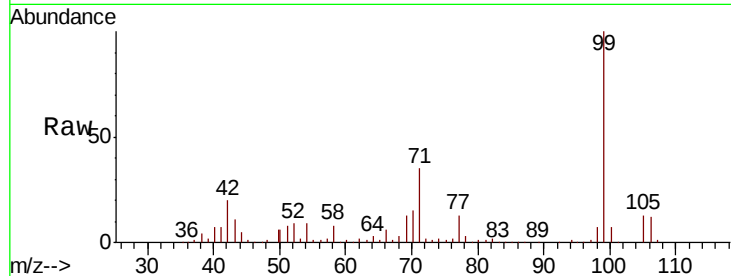
#9
Benzaldehyde
Concen: 33.935 ng
RT: 7.31 min Scan# 718
Delta R.T. -0.02 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Instrument :
BNA_G
ClientSampleId :
SU-03-020819-AMSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	98.2	74.5	114.5
106	93.1	68.0	108.0

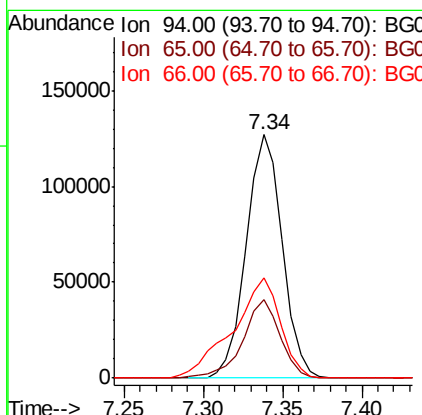
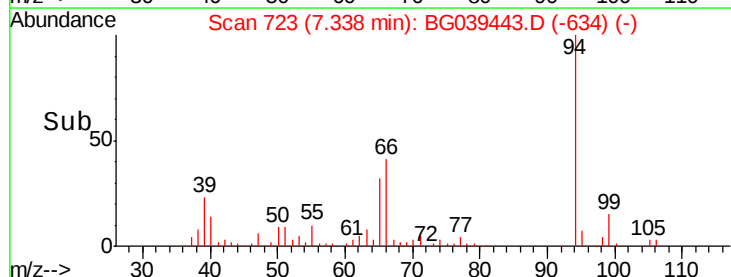
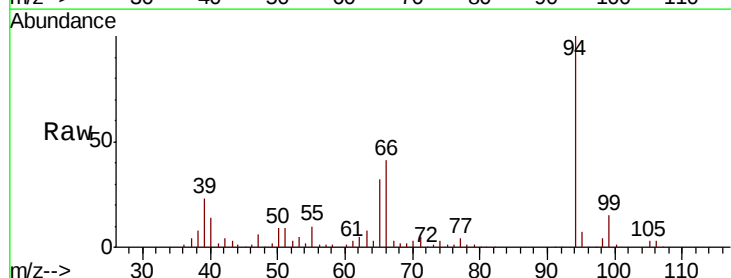
Manual Integrations
APPROVED

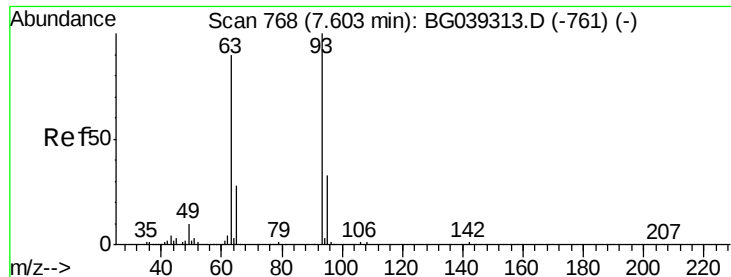
Sohil
2/12/2019 12:07:47 PM



#10
Phenol
Concen: 43.799 ng
RT: 7.34 min Scan# 723
Delta R.T. -0.01 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.1	11.7	51.7
66	40.9	23.7	63.7





#11

bis(2-Chloroethyl)ether

Concen: 45.093 ng

RT: 7.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Instrument :

BNA_G

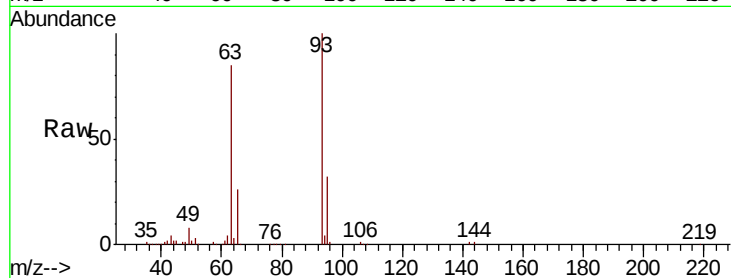
ClientSampleId :

SU-03-020819-AMSD

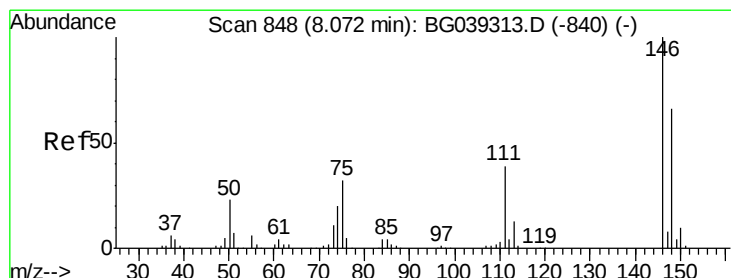
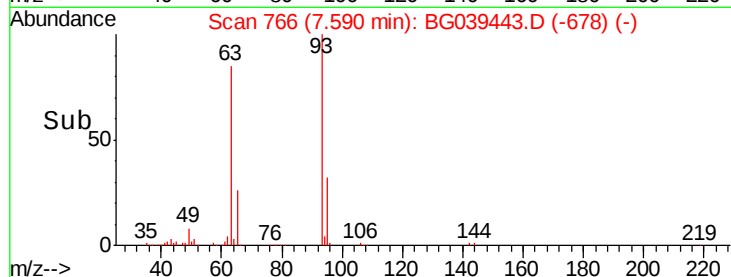
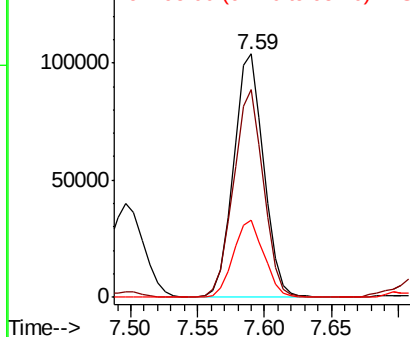
Tot Ion:	93	Resp:	162936
Ion	Ratio	Lower	Upper
93	100		
63	85.1	69.5	109.5
95	31.5	12.7	52.7

Manual Integrations
APPROVED

Sohil
2/12/2019 12:07:47 PM



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 42.720 ng

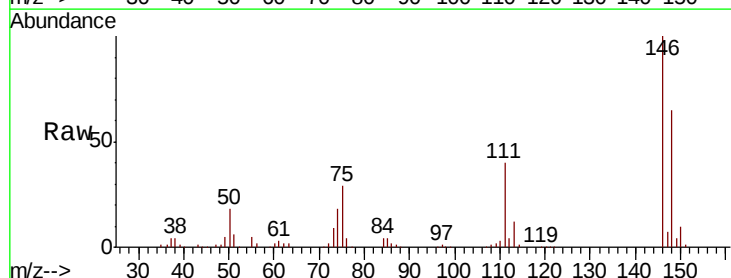
RT: 8.06 min Scan# 846

Delta R.T. -0.01 min

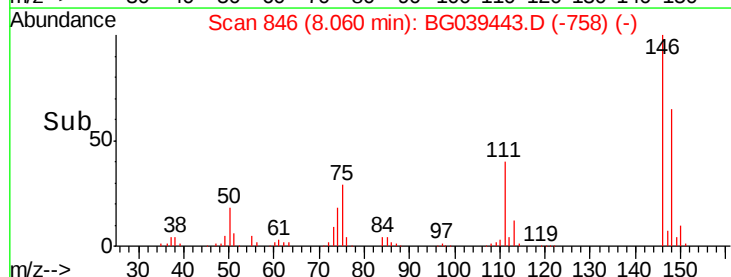
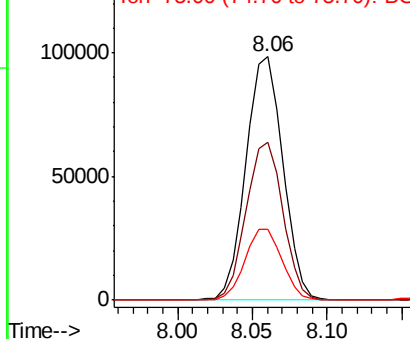
Lab File: BG039443.D

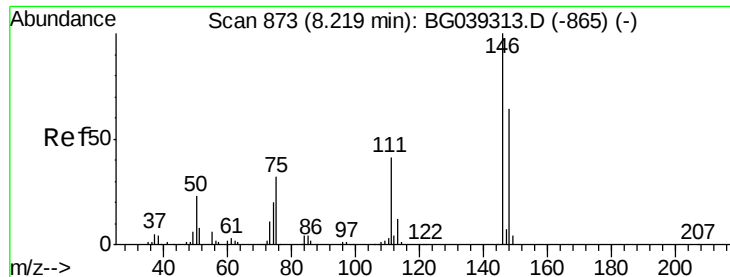
Acq: 11 Feb 2019 20:49

Tgt Ion:	146	Resp:	168583
Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.6	79.0
75	29.3	25.8	38.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 44.079 ng

RT: 8.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Instrument :

BNA_G

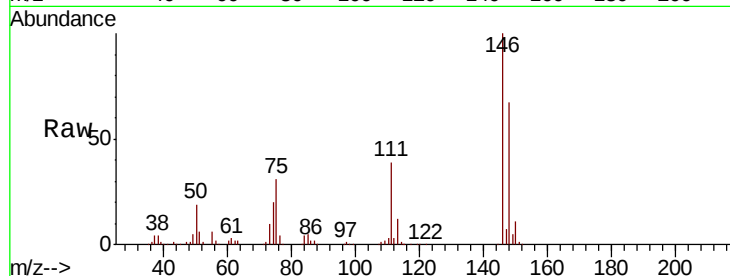
ClientSampleId :

SU-03-020819-AMSD

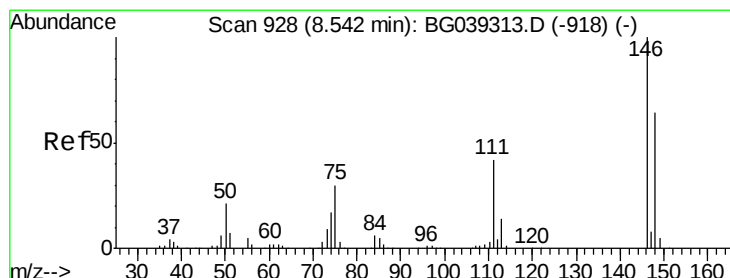
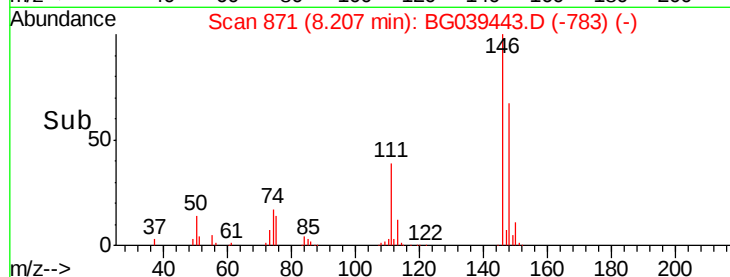
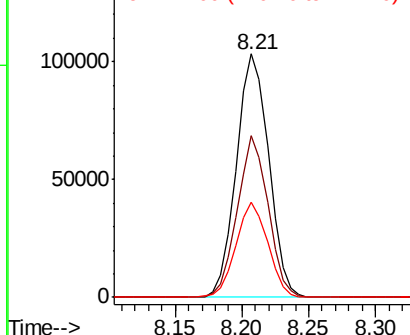
Tot Ion:	146	Resp:	173378
Ion Ratio	Lower	Upper	
146	100		
148	66.5	51.1	76.7
111	39.1	32.6	48.8

Manual Integrations
APPROVED

Sohil
2/12/2019 12:07:47 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: 43.722 ng

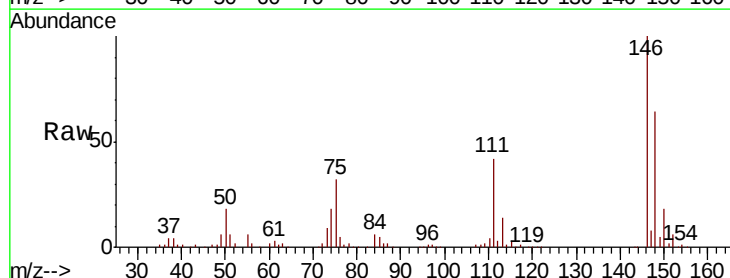
RT: 8.52 min Scan# 925

Delta R.T. -0.02 min

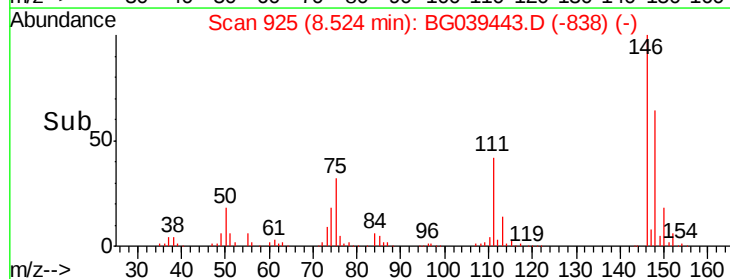
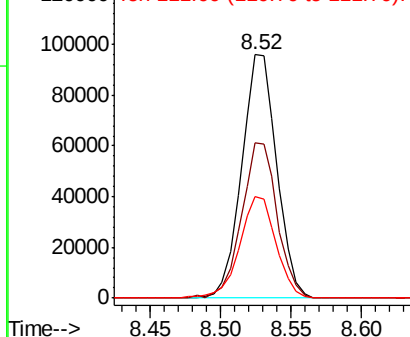
Lab File: BG039443.D

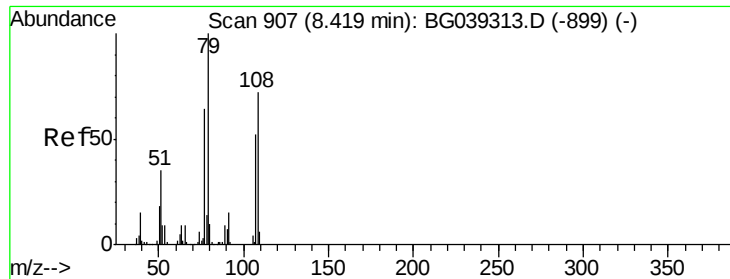
Acq: 11 Feb 2019 20:49

Tgt Ion:	146	Resp:	166482
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.5	77.3
111	41.8	33.8	50.6



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





#15

Benzyl Alcohol

Concen: 49.537 ng

RT: 8.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Instrument :

BNA_G

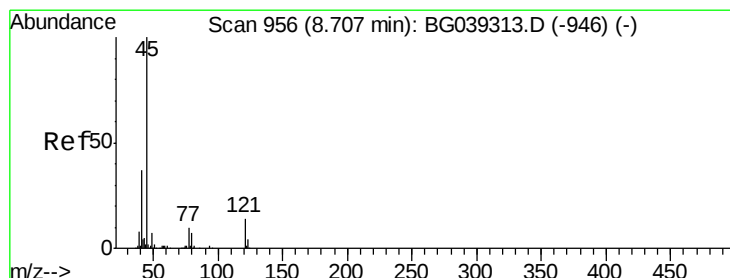
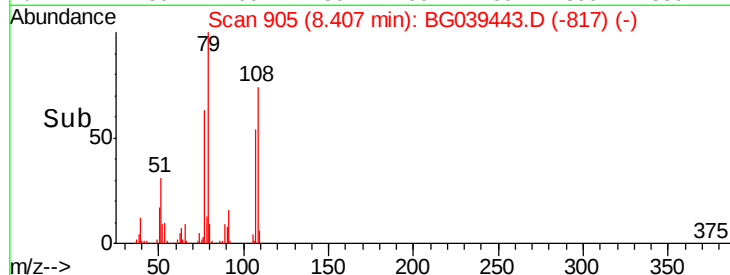
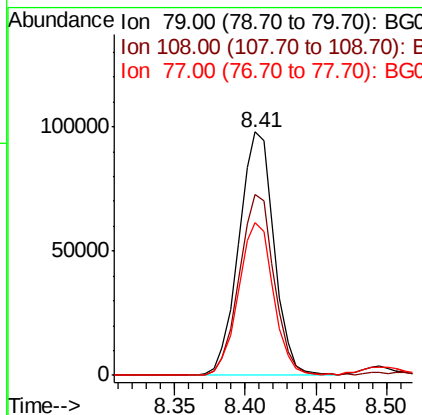
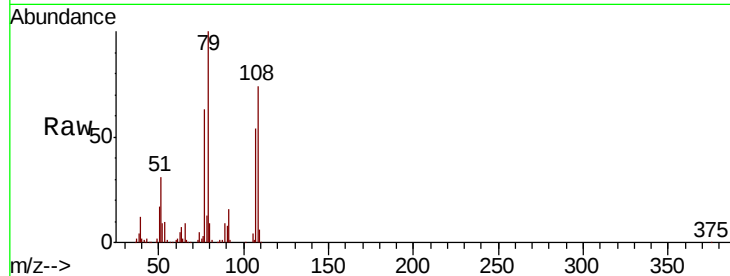
ClientSampleId :

SU-03-020819-AMSD

Tot Ion:	79	Resp:	170601
Ion Ratio	Lower	Upper	
79	100		
108	74.1	57.8	86.6
77	63.0	51.1	76.7

Manual Integrations
APPROVED

Sohil
2/12/2019 12:07:47 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.215 ng

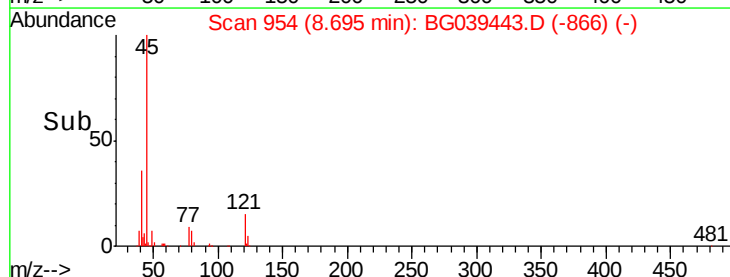
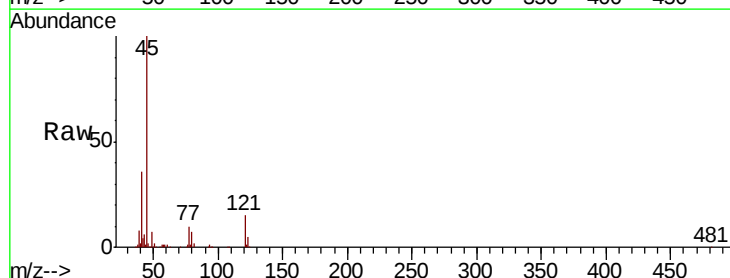
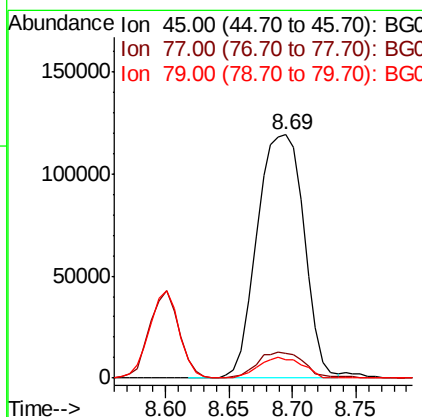
RT: 8.69 min Scan# 954

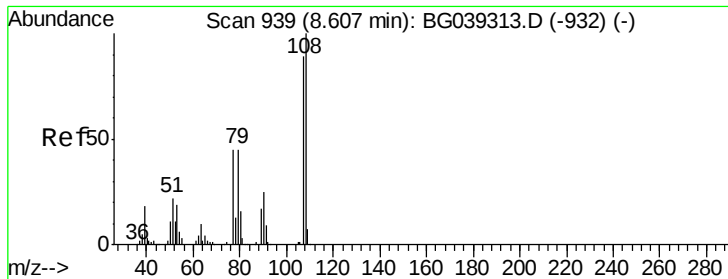
Delta R.T. -0.01 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Tgt Ion:	45	Resp:	303668
Ion Ratio	Lower	Upper	
45	100		
77	9.9	0.0	30.0
79	7.5	0.0	27.5





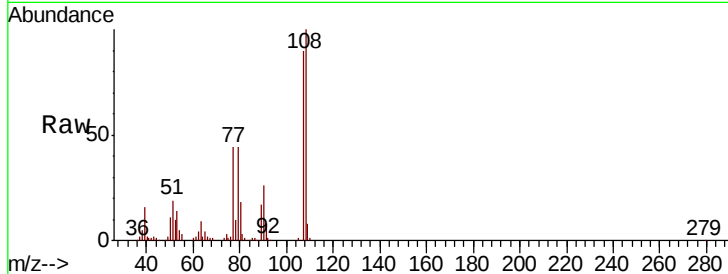
#17
2-Methylphenol
Concen: 50.417 ng
RT: 8.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Instrument :
BNA_G
ClientSampleId :
SU-03-020819-AMSD

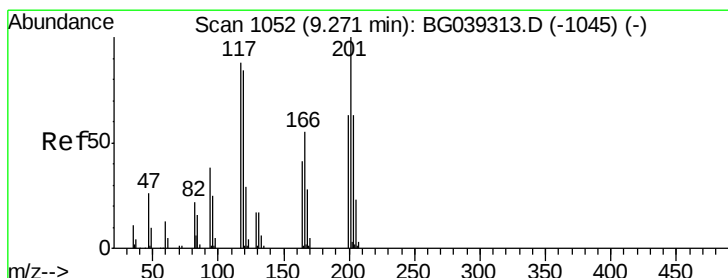
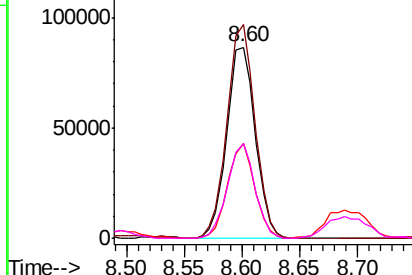
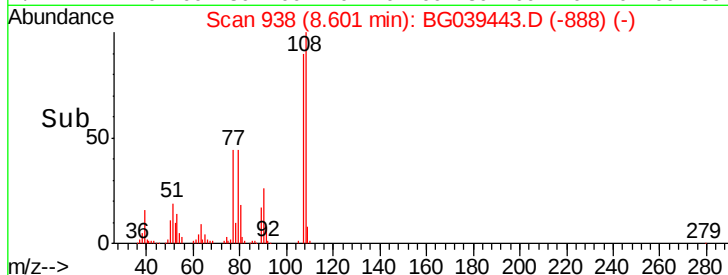
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.7	90.8	136.2	
77	49.2	40.7	61.1	
79	49.5	40.6	60.8	

Manual Integrations
APPROVED

Sohil
2/12/2019 12:07:47 PM

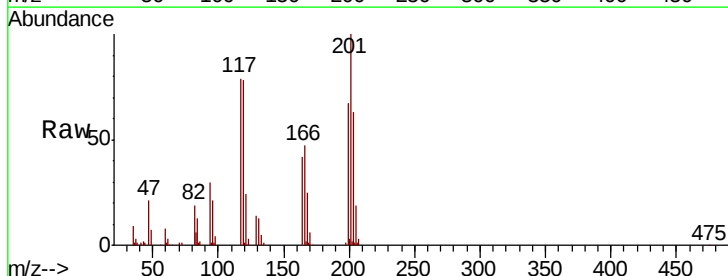


Abundance Ion 107.00 (106.70 to 107.70): E
150000
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

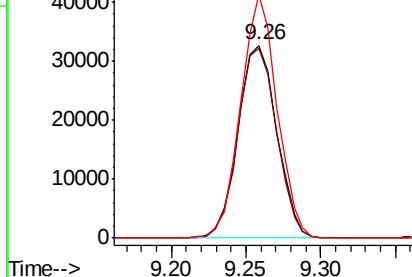
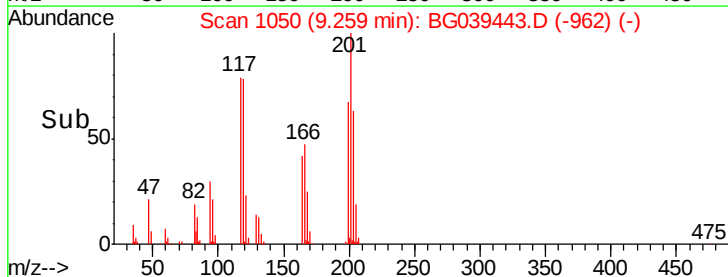


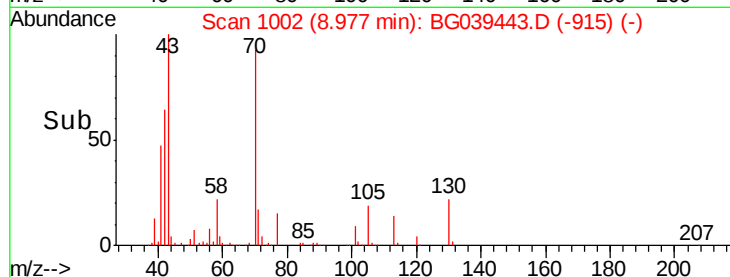
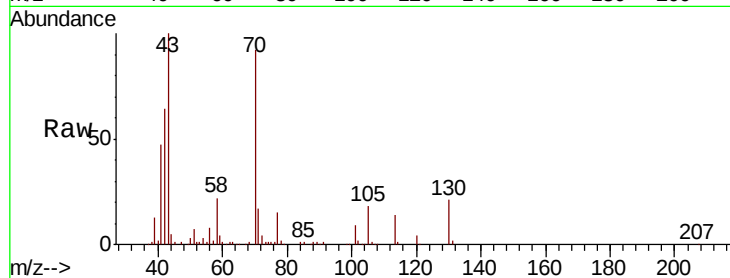
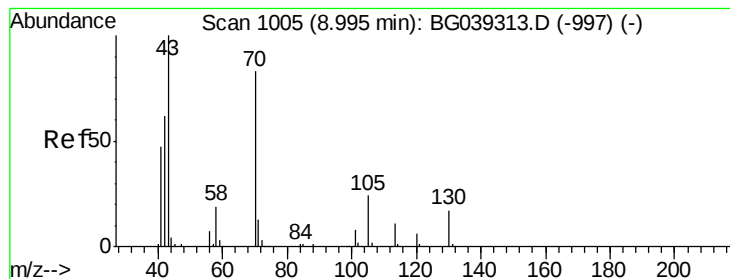
#18
Hexachloroethane
Concen: 43.544 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.4	76.3	114.5	
201	126.3	91.1	136.7	



Abundance Ion 117.00 (116.70 to 117.70): E
50000
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: 44.760 ng

RT: 8.98 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		139358		
42	69.3	60.4	90.6		
101	10.1	7.5	11.3		
130	23.2	16.9	25.3		

Instrument :

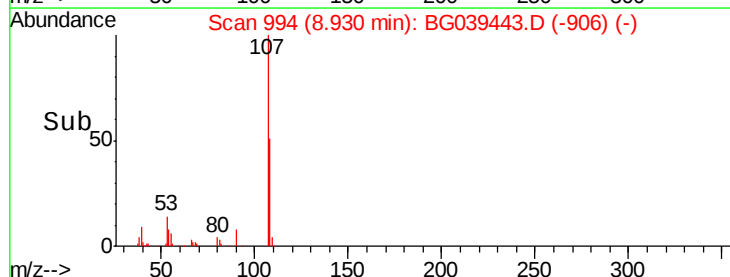
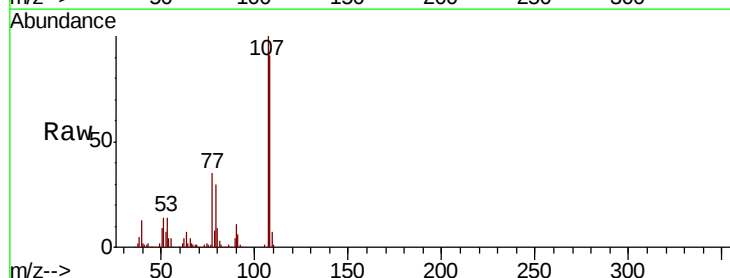
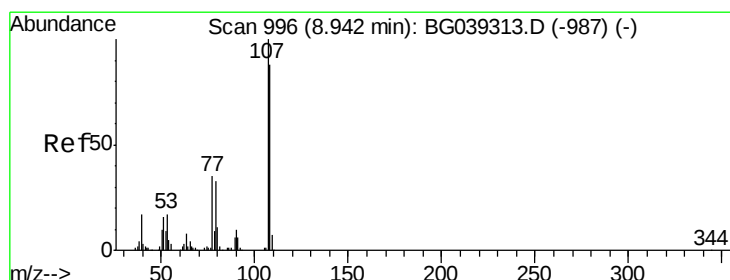
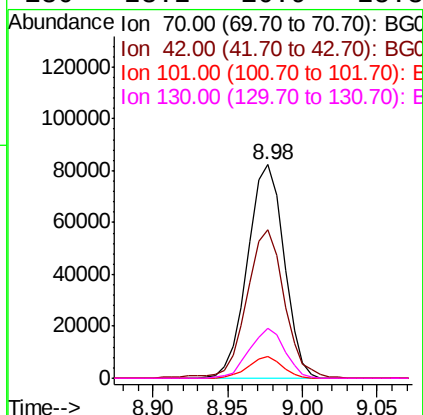
BNA_G

ClientSampleId :

SU-03-020819-AMSD

Manual Integrations
APPROVED

Sohil
2/12/2019 12:07:47 PM



#20

3+4-Methylphenols

Concen: 50.834 ng

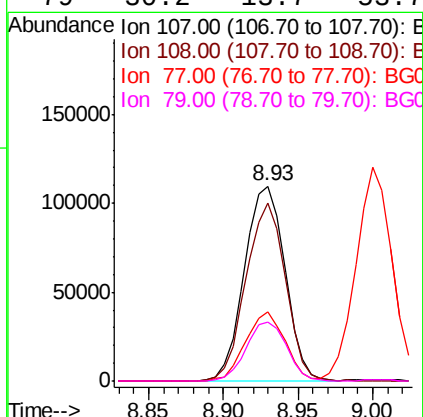
RT: 8.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		207146		
108	91.1	67.9	107.9		
77	35.4	15.4	55.4		
79	30.2	13.7	53.7		





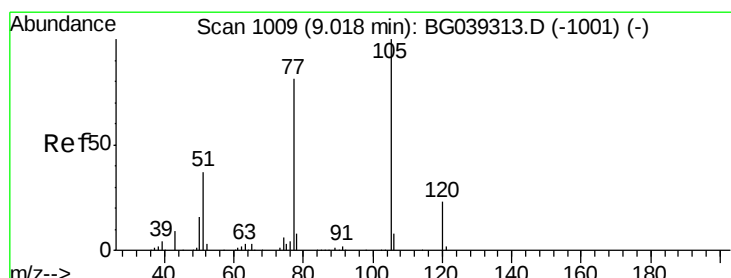
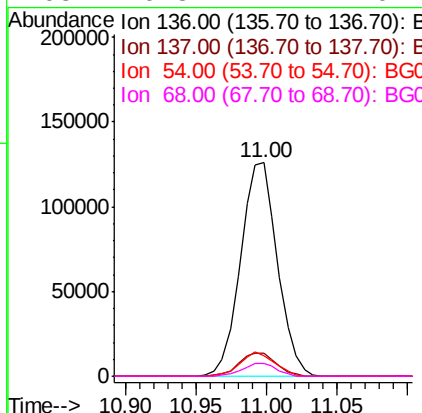
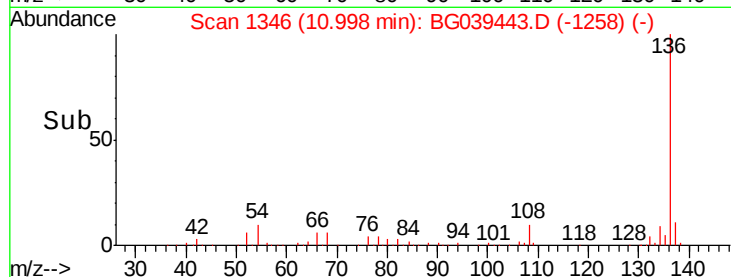
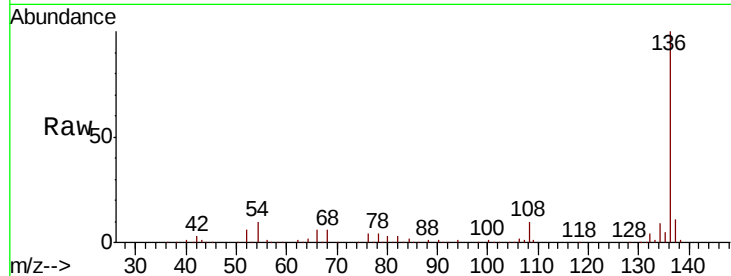
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Instrument :
BNA_G
ClientSampleId :
SU-03-020819-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	229759		
137	11.0		9.1	13.7
54	9.9		9.4	14.2
68	6.3		4.2	6.4

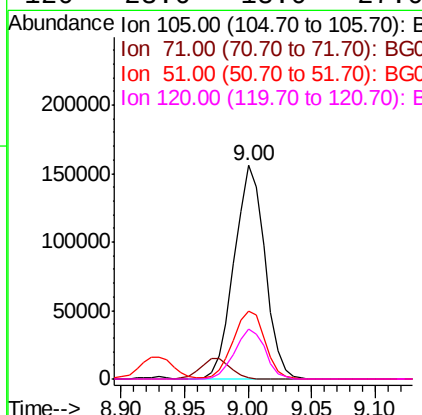
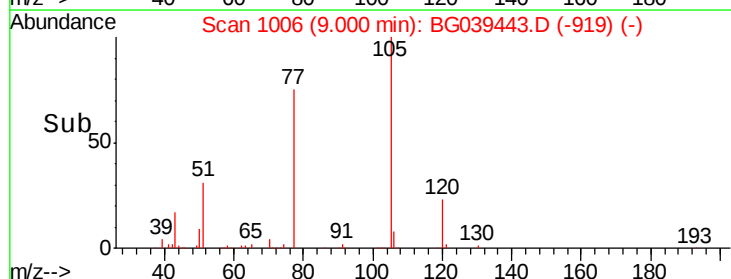
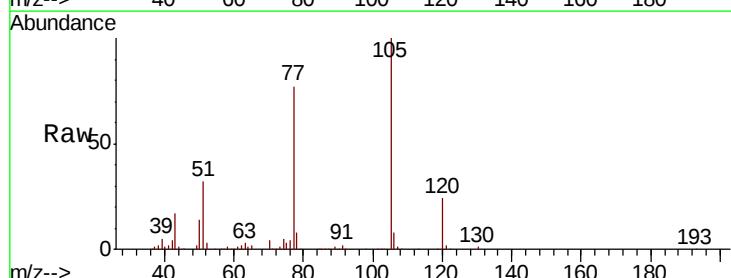
Manual Integrations
APPROVED

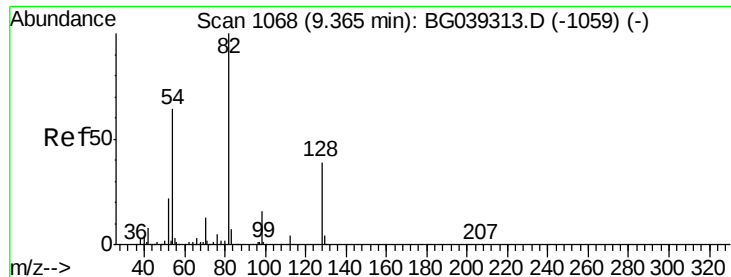
Sohil
2/12/2019 12:07:47 PM



#22
Acetophenone
Concen: 42.390 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	261616		
71	0.4		0.8	1.2#
51	31.7		30.2	45.2
120	23.6		18.0	27.0





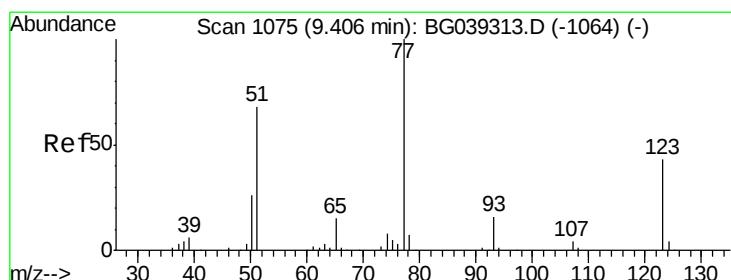
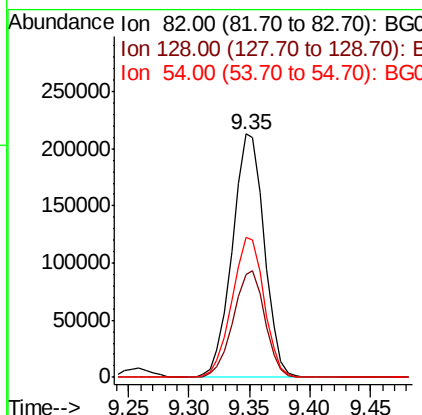
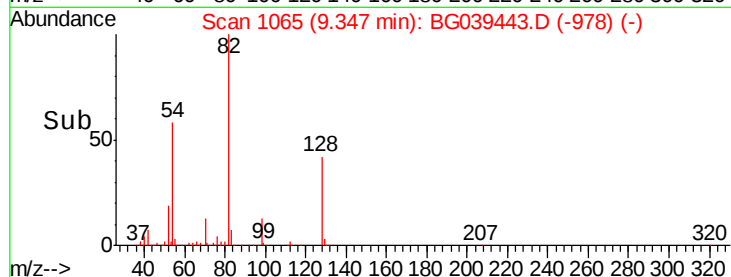
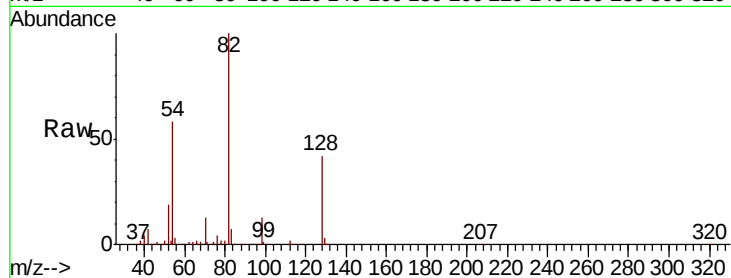
#23
Nitrobenzene-d5
Concen: 106.764 ng
RT: 9.35 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Instrument :
BNA_G
ClientSampleId :
SU-03-020819-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.3	31.3	46.9	
54	57.7	50.9	76.3	

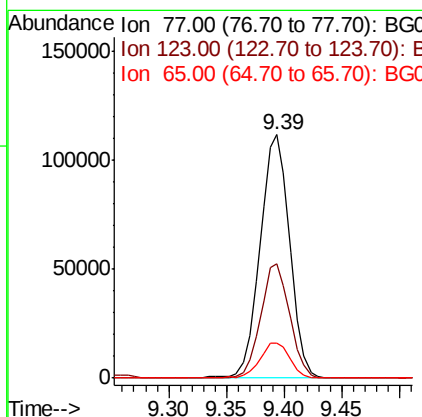
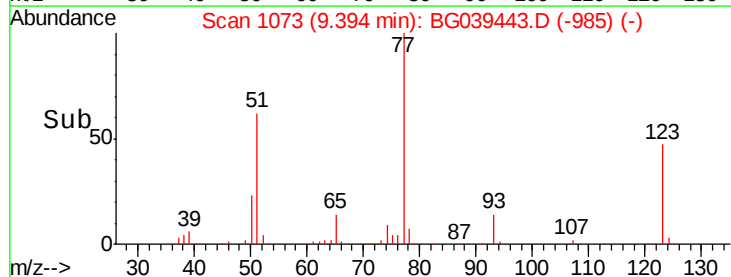
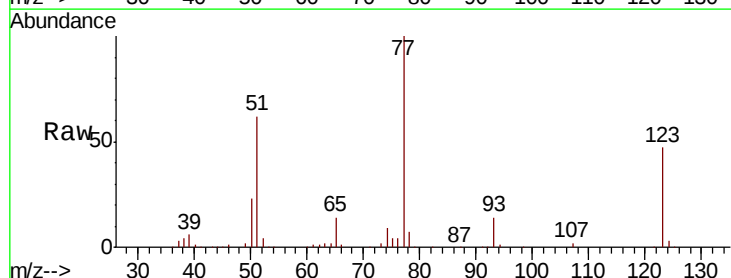
Manual Integrations
APPROVED

Sohil
2/12/2019 12:07:47 PM



#24
Nitrobenzene
Concen: 50.219 ng
RT: 9.39 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	46.7	34.1	51.1	
65	14.4	12.3	18.5	





#25

Isophorone

Concen: 49.298 ng

RT: 9.90 min Scan# 1160

Delta R.T. -0.02 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Instrument :

BNA_G

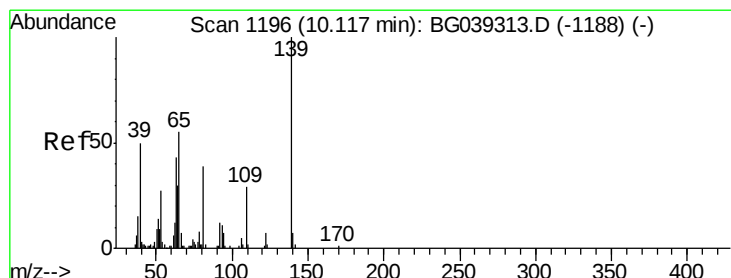
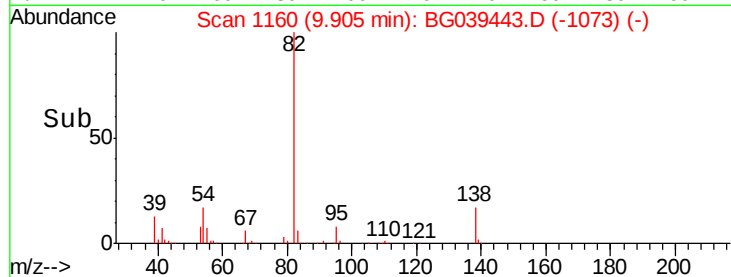
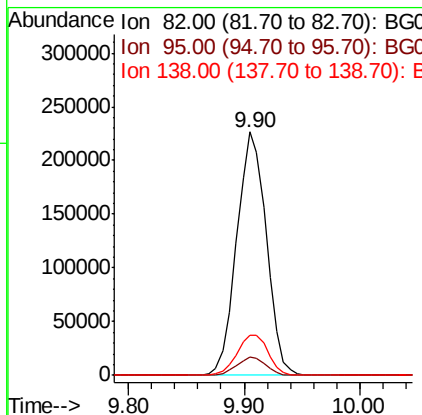
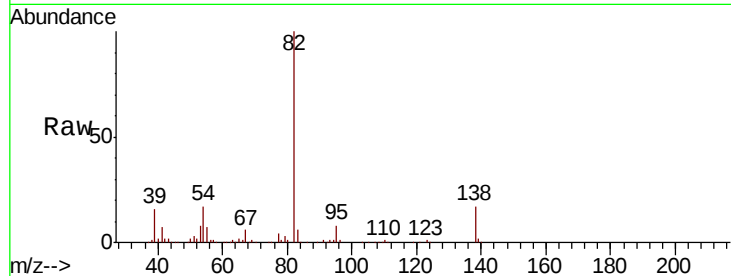
ClientSampleId :

SU-03-020819-AMSD

Tot Ion:	82	Resp:	401778
Ion Ratio	Lower	Upper	
82	100		
95	7.8	6.2	9.2
138	16.7	13.0	19.4

Manual Integrations
APPROVED

Sohil
2/12/2019 12:07:47 PM



#26

2-Nitrophenol

Concen: 59.194 ng

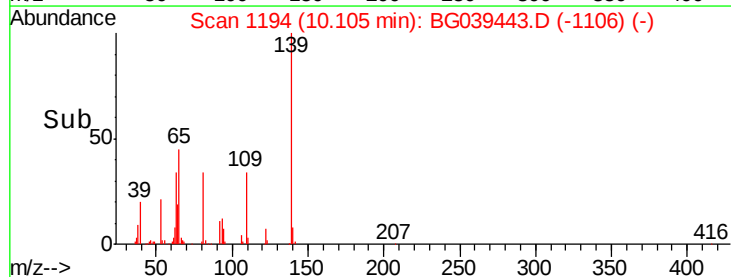
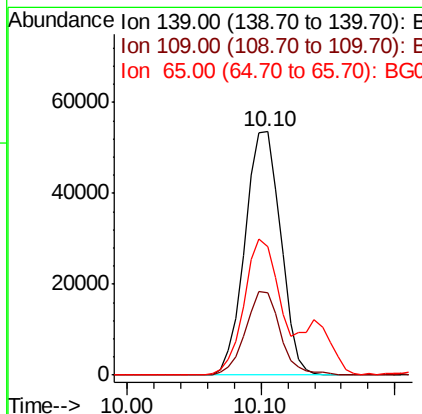
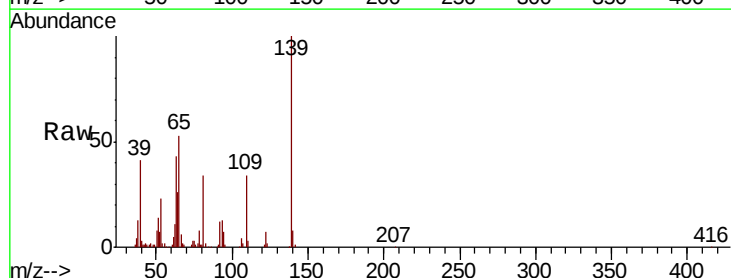
RT: 10.10 min Scan# 1194

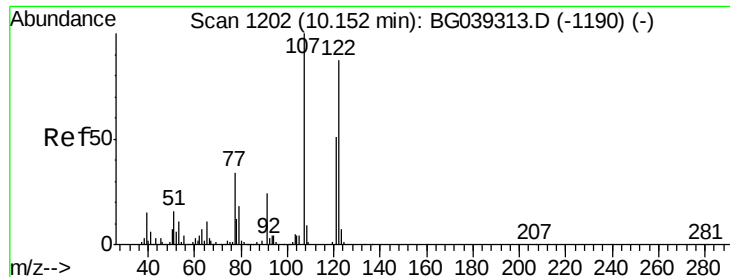
Delta R.T. -0.01 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Tgt Ion:	139	Resp:	99142
Ion Ratio	Lower	Upper	
139	100		
109	33.6	23.4	35.0
65	52.8	44.3	66.5





#27

2,4-Dimethylphenol

Concen: 54.625 ng

RT: 10.14 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Instrument :

BNA_G

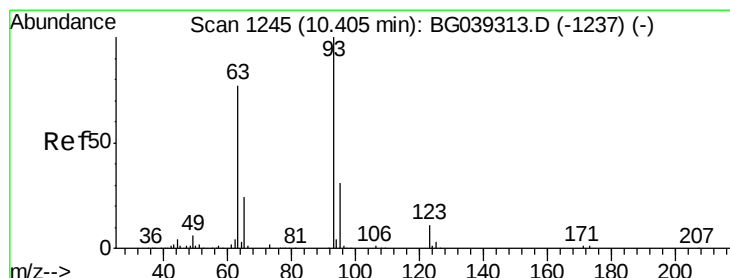
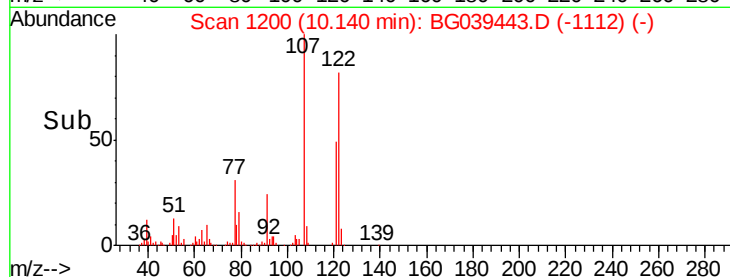
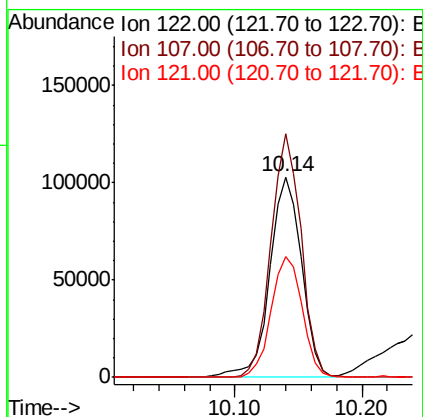
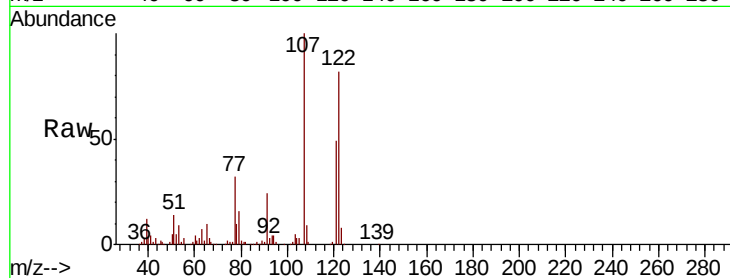
ClientSampleId :

SU-03-020819-AMSD

Tot Ion:	122	Resp:	180093
Ion Ratio	Lower	Upper	
122	100		
107	121.6	91.7	137.5
121	60.1	46.4	69.6

Manual Integrations
APPROVED

Sohil
2/12/2019 12:07:47 PM



#28

bis(2-Chloroethoxy)methane

Concen: 47.575 ng

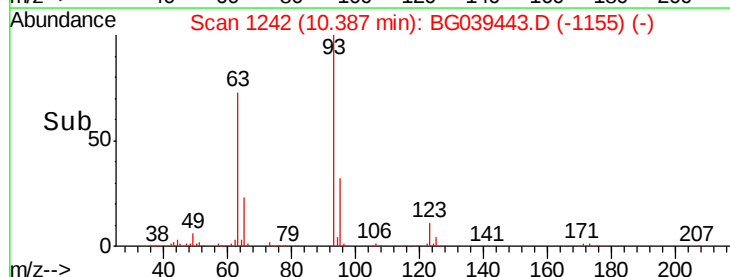
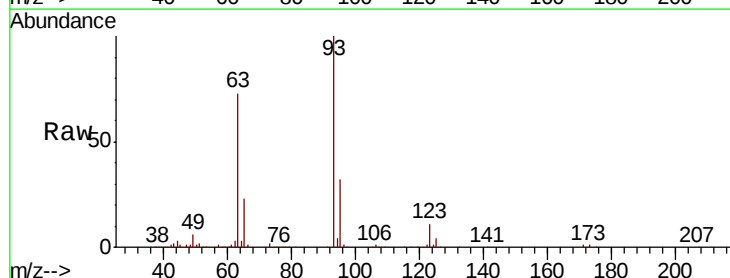
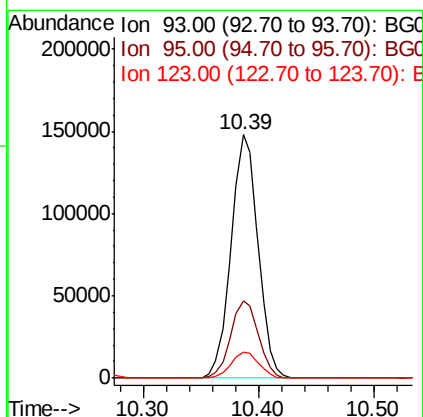
RT: 10.39 min Scan# 1242

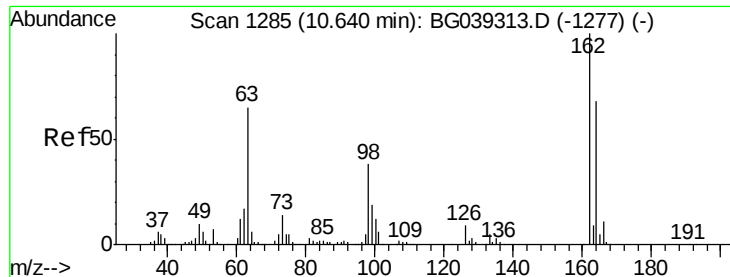
Delta R.T. -0.02 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Tgt Ion:	93	Resp:	238824
Ion Ratio	Lower	Upper	
93	100		
95	31.9	25.0	37.4
123	10.9	8.6	12.8





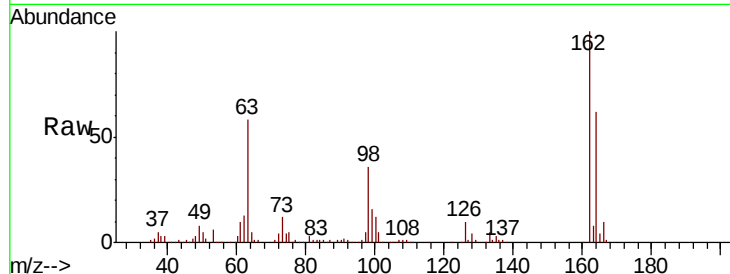
#29
2,4-Dichlorophenol
Concen: 53.888 ng
RT: 10.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Instrument :
BNA_G
ClientSampleId :
SU-03-020819-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	194172		
164	62.4	48.1	88.1	
98	35.7	18.1	58.1	

Manual Integrations
APPROVED

Sohil
2/12/2019 12:07:47 PM

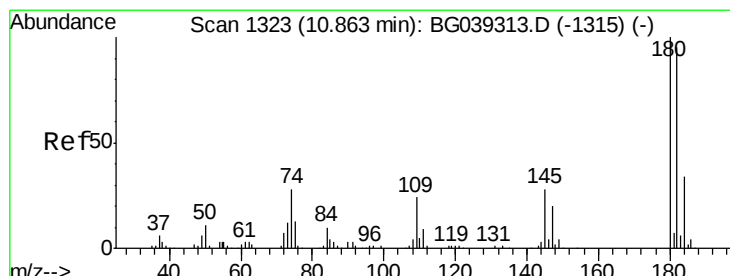
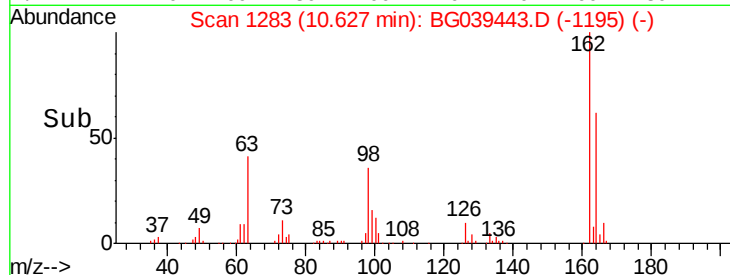
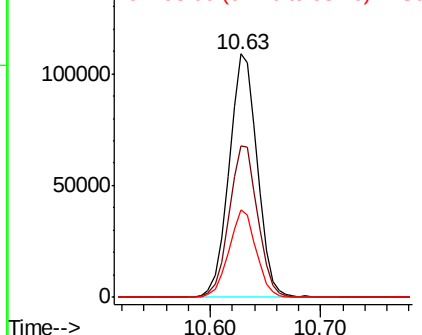


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
1,2,4-Trichlorobenzene
Concen: 46.385 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

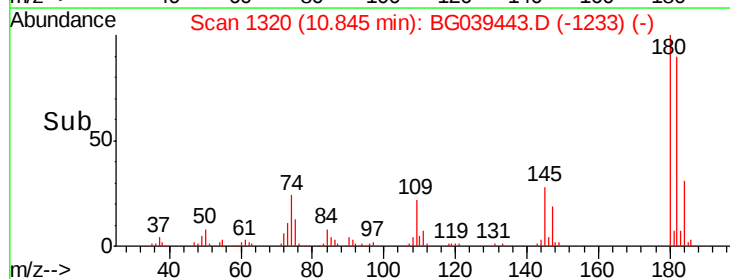
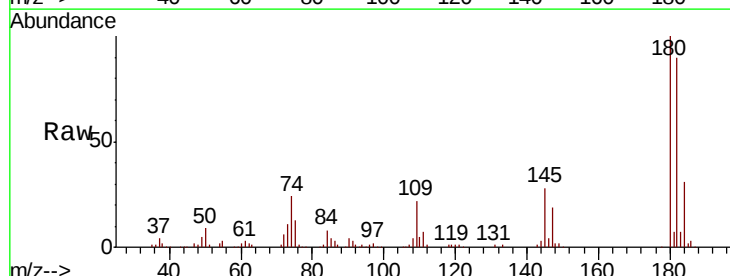
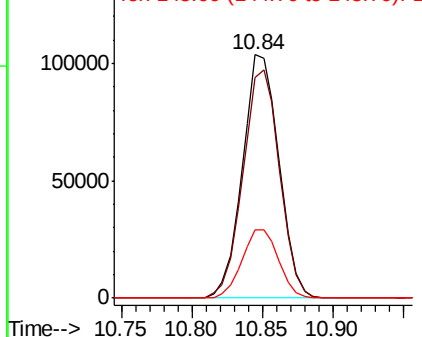
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	187646		
182	90.4	76.0	114.0	
145	27.9	22.7	34.1	

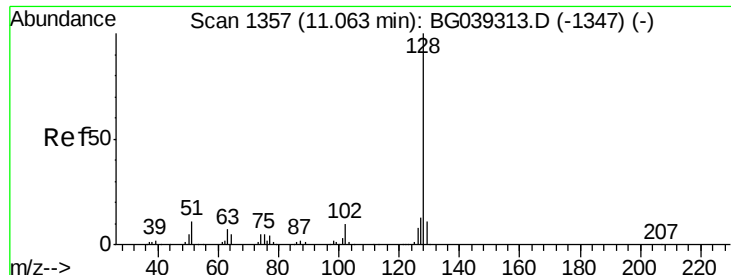
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





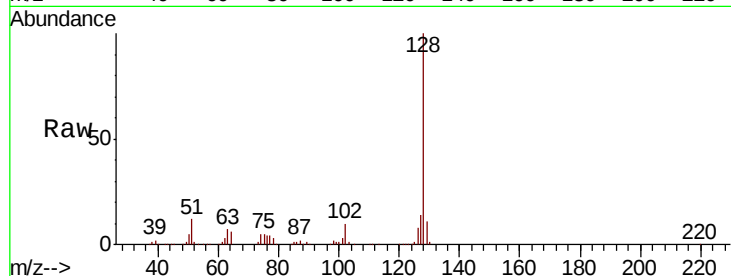
#31
Naphthalene
Concen: 47.828 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Instrument :
BNA_G
ClientSampleId :
SU-03-020819-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	545158		
129	11.2	8.7	13.1	
127	14.3	10.8	16.2	

Manual Integrations
APPROVED

Sohil
2/12/2019 12:07:47 PM

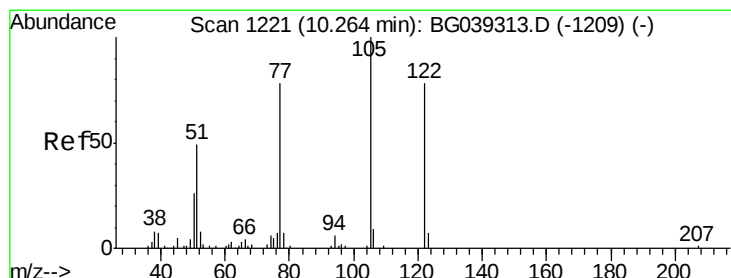
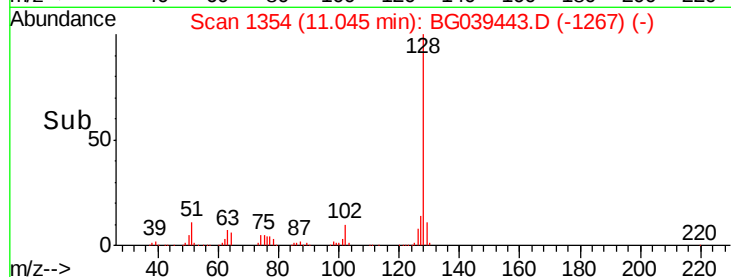
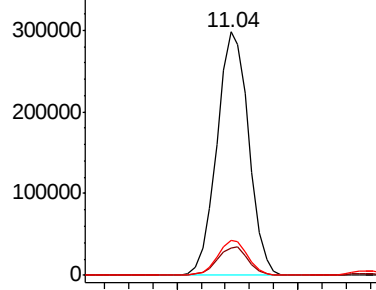


Abundance

Ion 128.00 (127.70 to 128.70): E

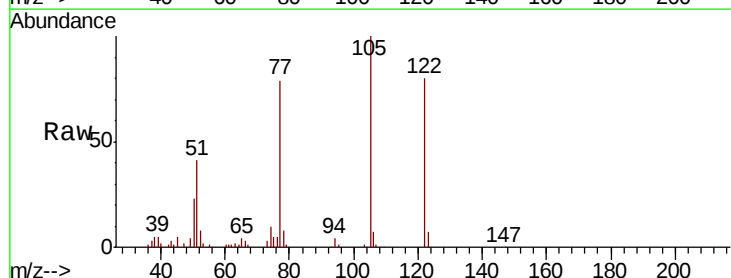
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 49.285 ng
RT: 10.27 min Scan# 1222
Delta R.T. 0.01 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	107043		
105	125.3	101.8	141.8	
77	99.1	76.3	116.3	

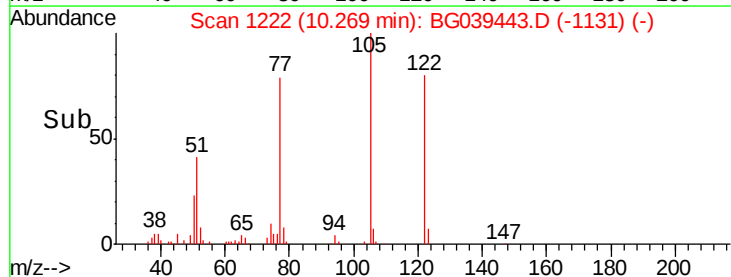
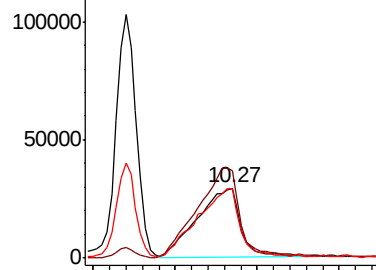


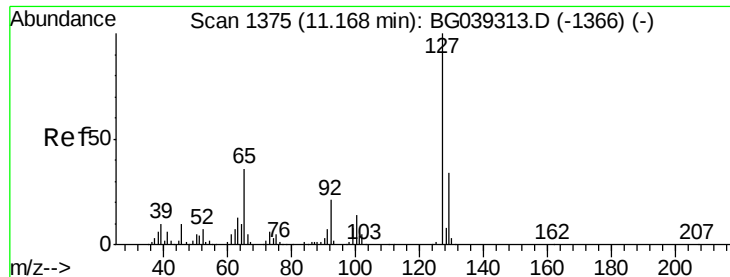
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





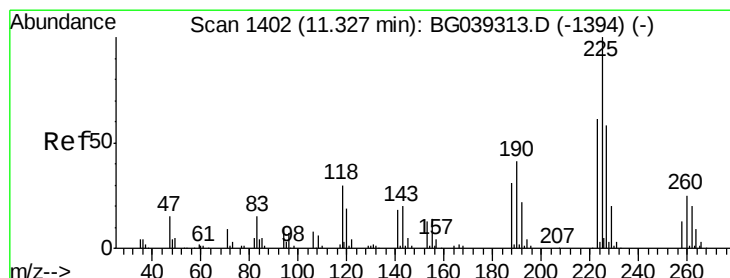
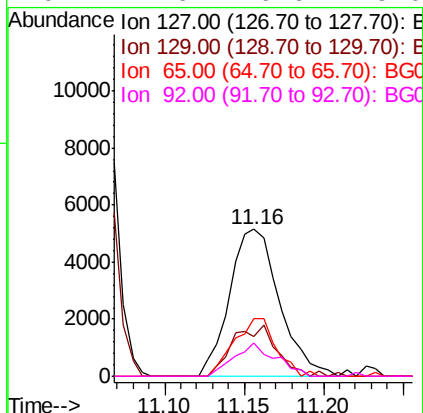
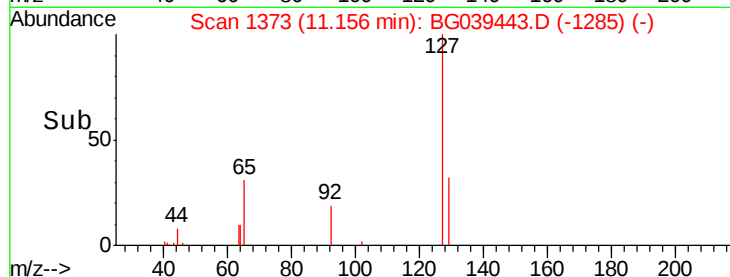
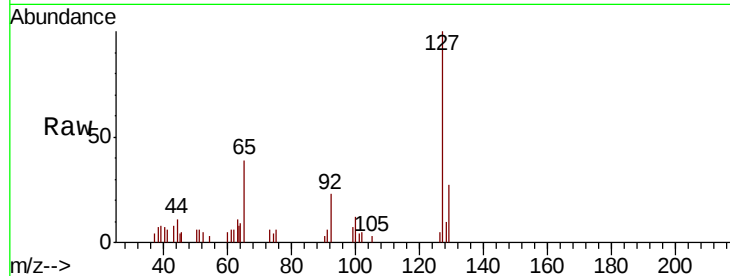
#33
4-Chloroaniline
Concen: 2.128 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Instrument :
BNA_G
ClientSampleId :
SU-03-020819-AMSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	27.4	27.0	40.4
65	39.2	28.8	43.2
92	22.6	16.6	25.0

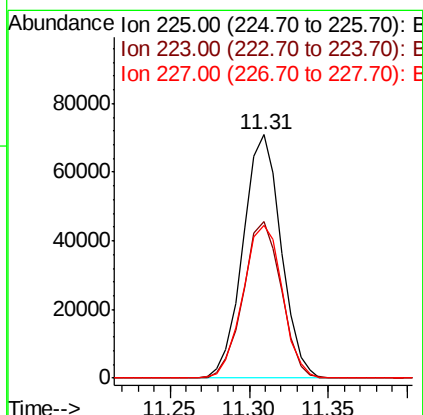
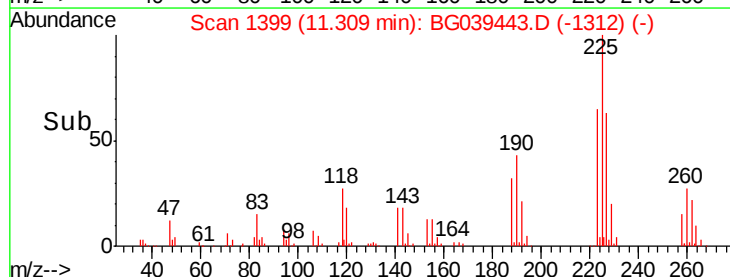
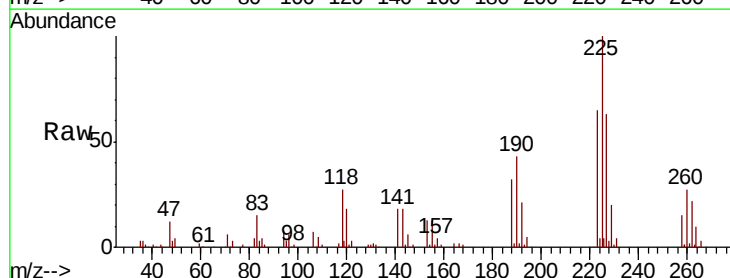
Manual Integrations
APPROVED

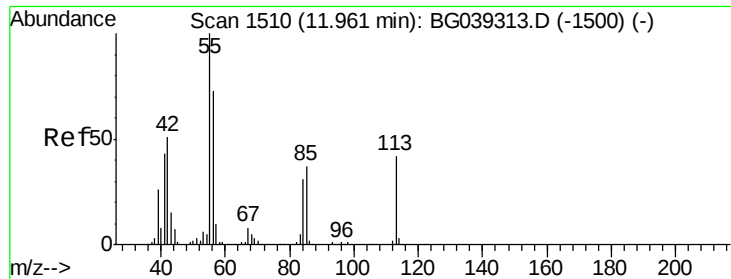
Sohil
2/12/2019 12:07:47 PM



#34
Hexachlorobutadiene
Concen: 44.074 ng
RT: 11.31 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	49.0	73.6
227	62.6	46.3	69.5





#35

Caprolactam

Concen: 37.423 ng/ml

RT: 11.94 min Scan# 1506

Delta R.T. -0.02 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Instrument :

BNA_G

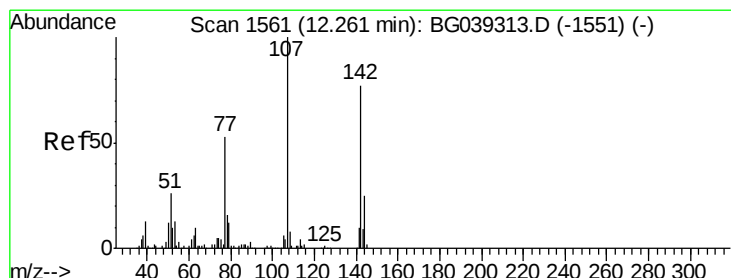
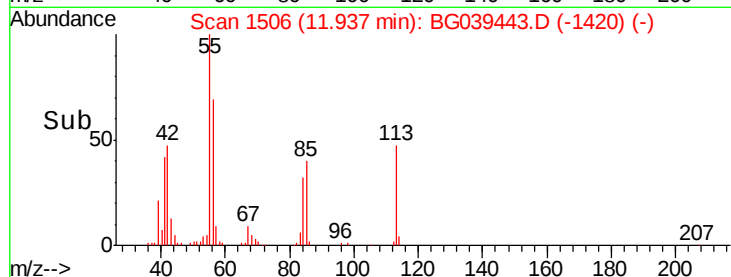
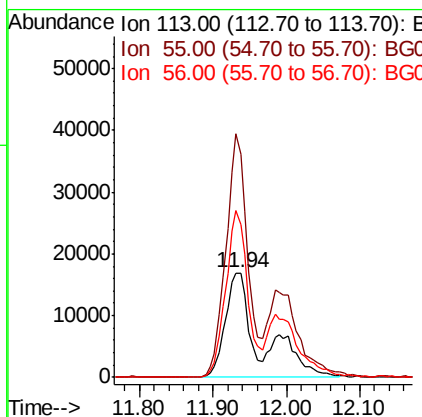
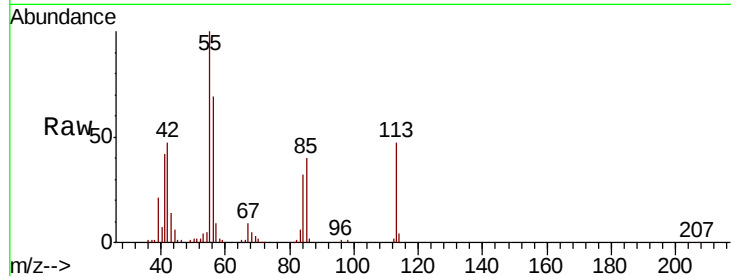
ClientSampleId :

SU-03-020819-AMSD

Tot Ion:	113	Resp:	55800
Ion Ratio	Lower	Upper	
113	100		
55	213.7	216.9	256.9#
56	146.8	152.6	192.6#

Manual Integrations
APPROVED

Sohil
2/12/2019 12:07:47 PM



#36

4-Chloro-3-methylphenol

Concen: 50.220 ng/ml

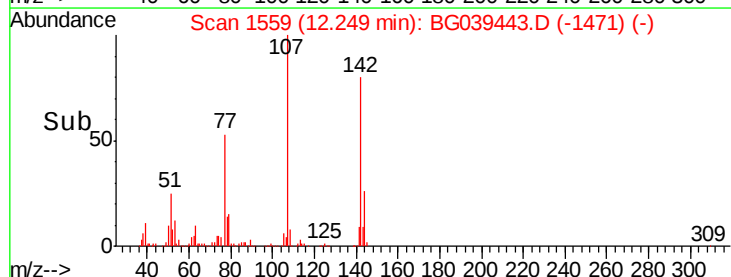
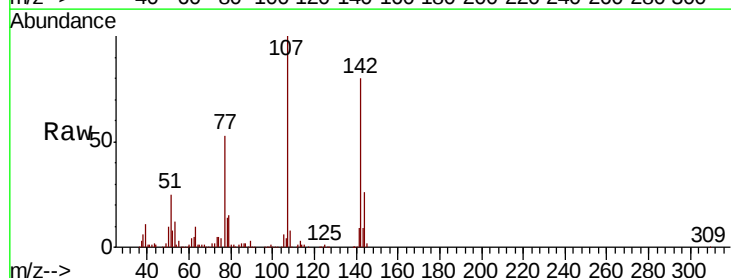
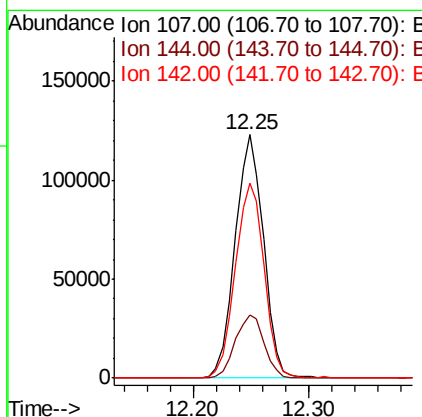
RT: 12.25 min Scan# 1559

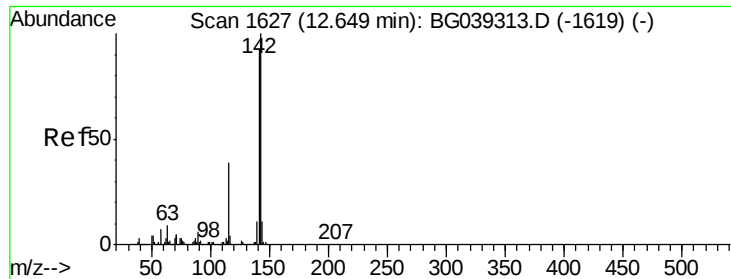
Delta R.T. -0.01 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Tgt Ion:	107	Resp:	209274
Ion Ratio	Lower	Upper	
107	100		
144	26.1	20.2	30.2
142	79.9	61.4	92.2





#37

2-Methylnaphthalene

Concen: 49.149 ng

RT: 12.64 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Instrument :

BNA_G

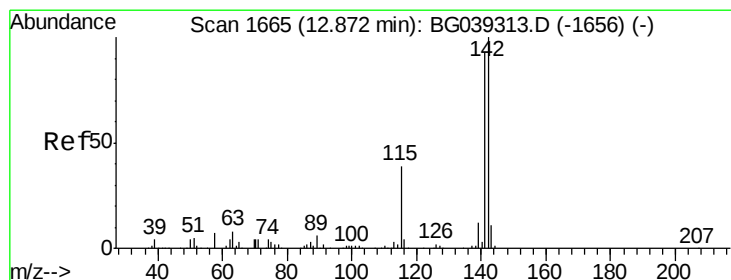
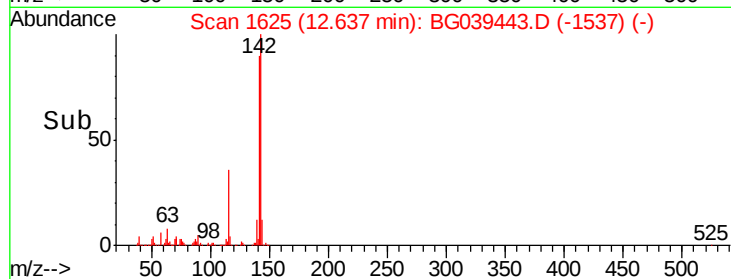
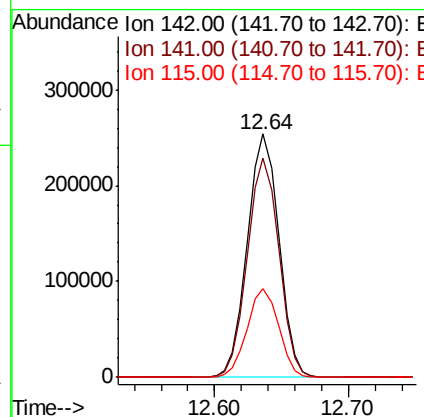
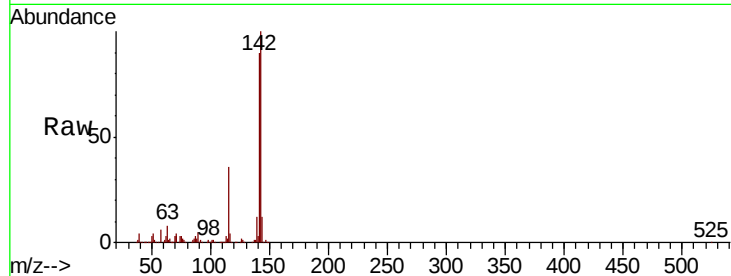
ClientSampleId :

SU-03-020819-AMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	73.5	110.3
115	36.3	30.8	46.2

Manual Integrations
APPROVED

Sohil
2/12/2019 12:07:47 PM



#38

1-Methylnaphthalene

Concen: 49.192 ng

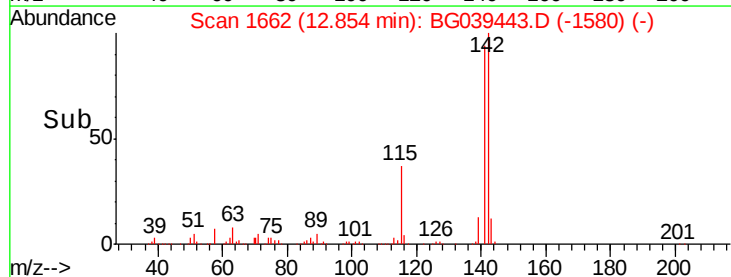
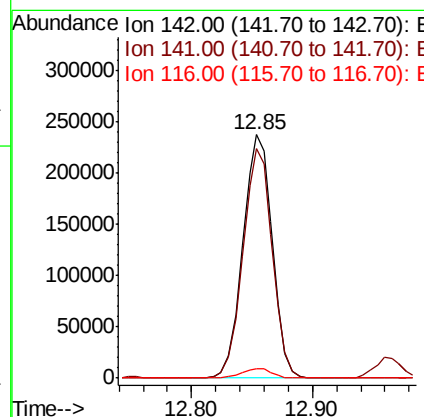
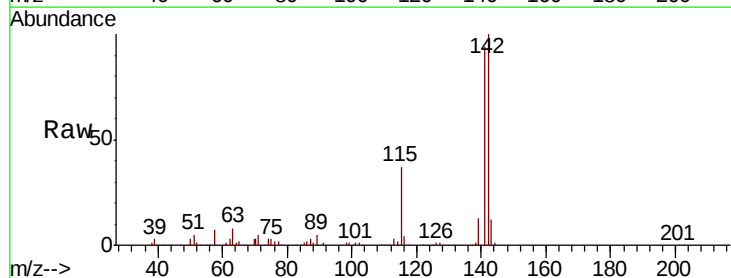
RT: 12.85 min Scan# 1662

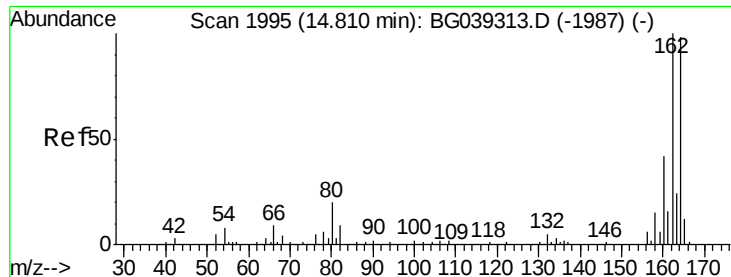
Delta R.T. -0.02 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.4	74.2	111.4
116	4.0	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Instrument :

BNA_G

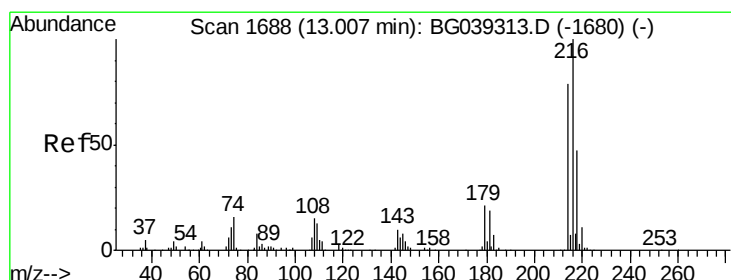
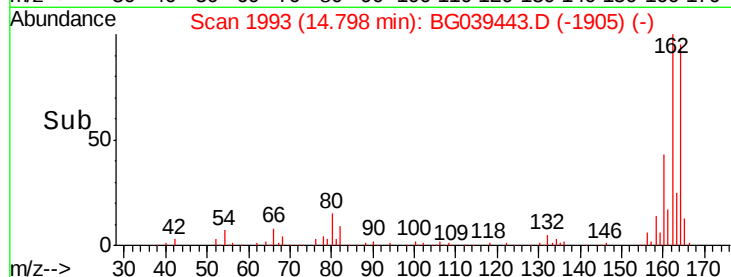
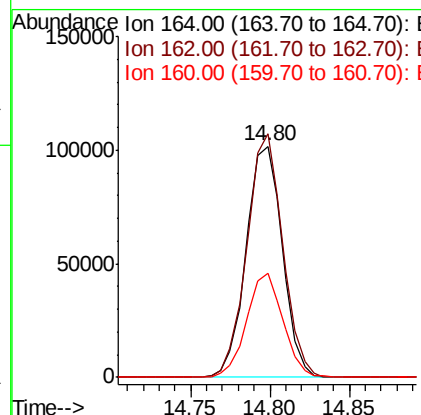
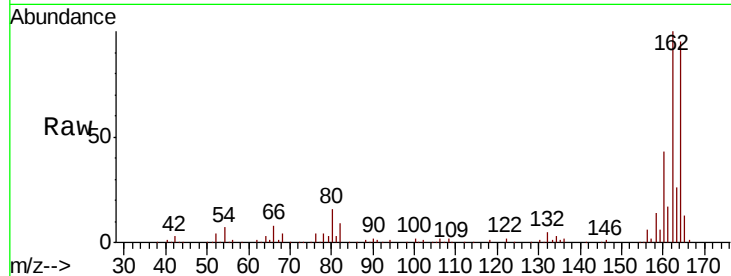
ClientSampleId :

SU-03-020819-AMSD

Tot Ion:	164	Resp:	161233
Ion Ratio	Lower	Upper	
164	100		
162	105.2	81.6	122.4
160	44.8	34.2	51.2

Manual Integrations
APPROVED

Sohil
2/12/2019 12:07:47 PM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.366 ng

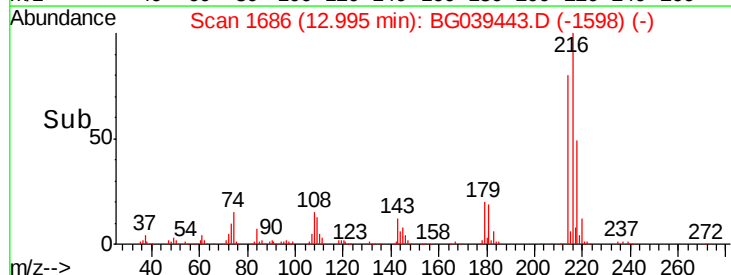
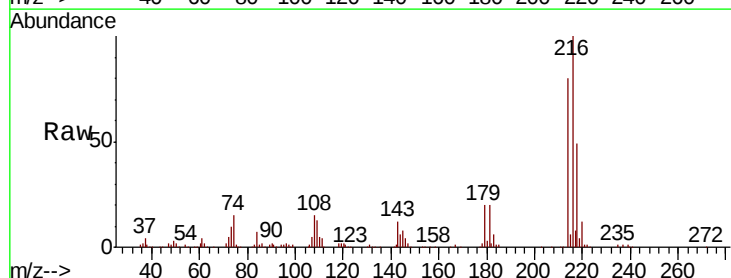
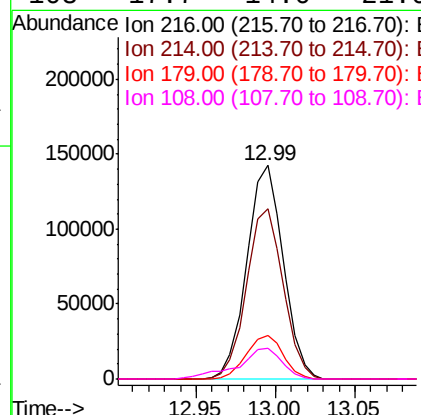
RT: 12.99 min Scan# 1686

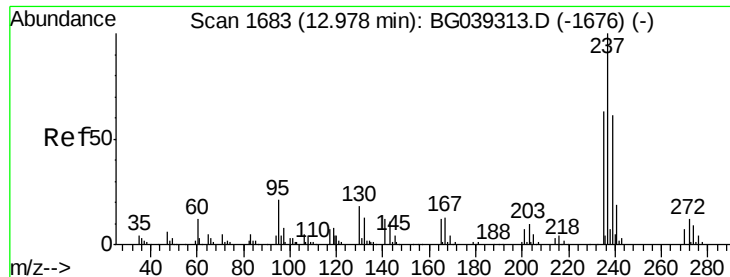
Delta R.T. -0.01 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Tgt Ion:	216	Resp:	227597
Ion Ratio	Lower	Upper	
216	100		
214	80.1	62.6	94.0
179	20.6	16.6	25.0
108	17.7	14.0	21.0





#41

Hexachlorocyclopentadiene

Concen: 102.761 ng

RT: 12.97 min Scan# 1681

Delta R.T. -0.01 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Instrument :

BNA_G

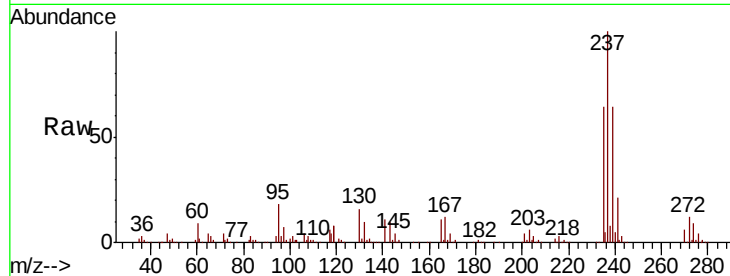
ClientSampleId :

SU-03-020819-AMSD

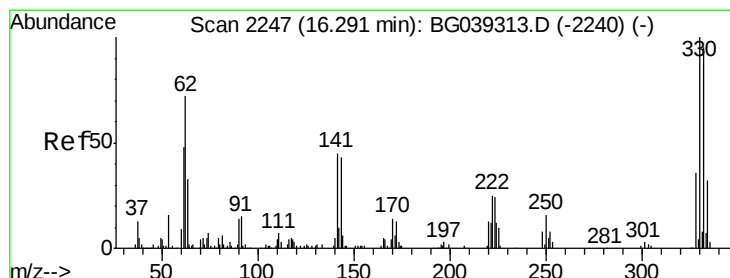
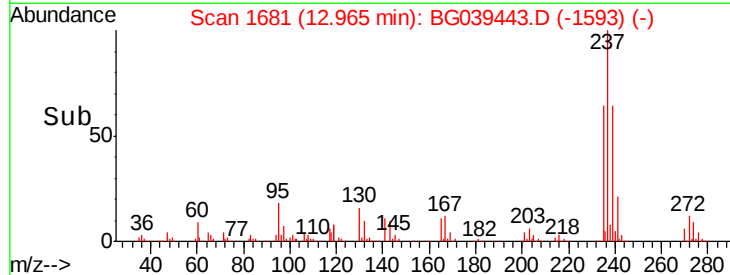
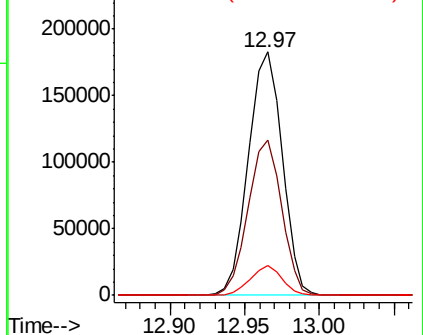
Tot Ion:	237	Resp:	287259
Ion Ratio	Lower	Upper	
237	100		
235	64.0	43.3	83.3
272	12.2	0.0	32.3

Manual Integrations
APPROVED

Sohil
2/12/2019 12:07:47 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: 159.685 ng

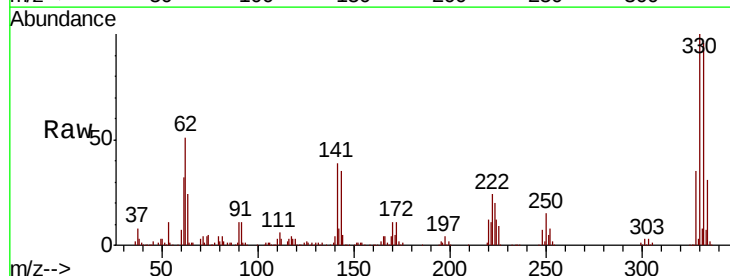
RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

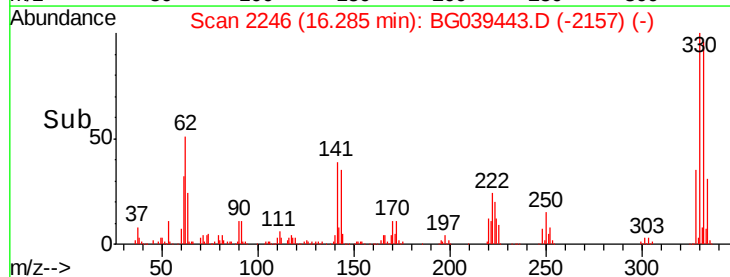
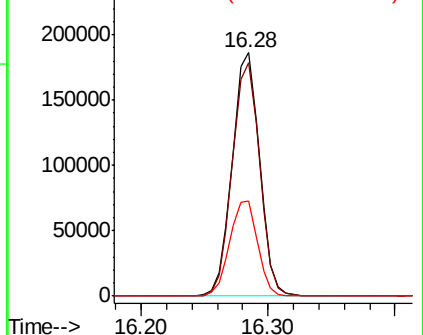
Lab File: BG039443.D

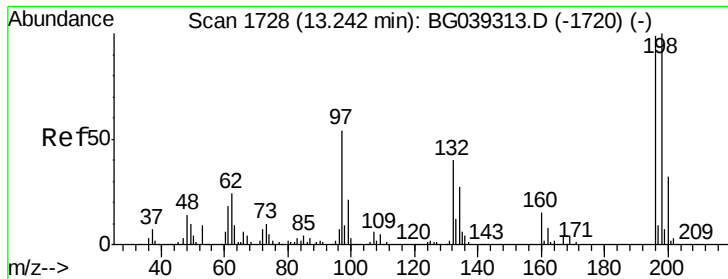
Acq: 11 Feb 2019 20:49

Tgt Ion:	330	Resp:	277246
Ion Ratio	Lower	Upper	
330	100		
332	96.3	75.7	113.5
141	40.0	35.6	53.4



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





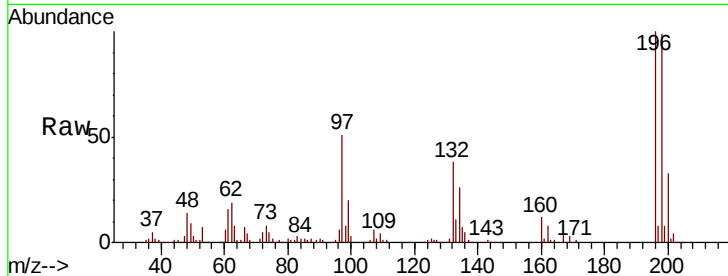
#43
 2,4,6-Trichlorophenol
 Concen: 52.085 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BG039443.D
 Acq: 11 Feb 2019 20:49

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-020819-AMSD

Tot Ion:	196	Resp:	164286
Ion Ratio	Lower	Upper	
196	100		
198	98.6	80.6	121.0
200	32.6	26.1	39.1

Manual Integrations
 APPROVED

Sohil
 2/12/2019 12:07:47 PM

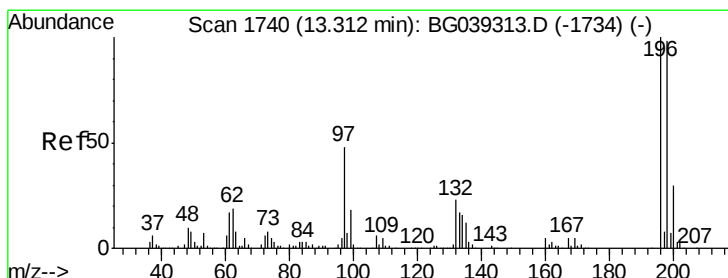
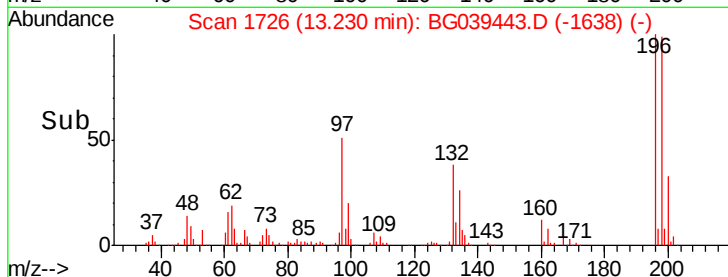
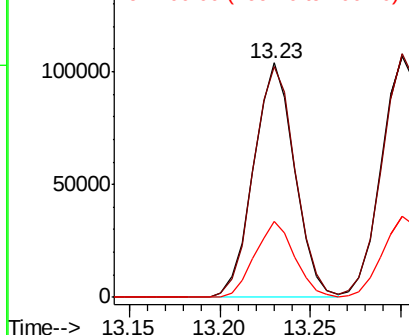


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 53.997 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG039443.D
 Acq: 11 Feb 2019 20:49

Tgt Ion:	196	Resp:	178506
Ion Ratio	Lower	Upper	
196	100		
198	101.1	78.5	117.7
97	48.1	38.4	57.6
132	27.9	19.2	28.8

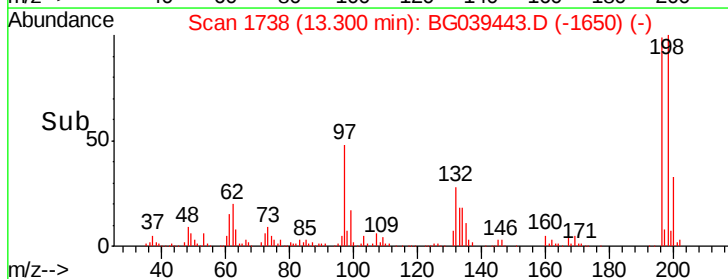
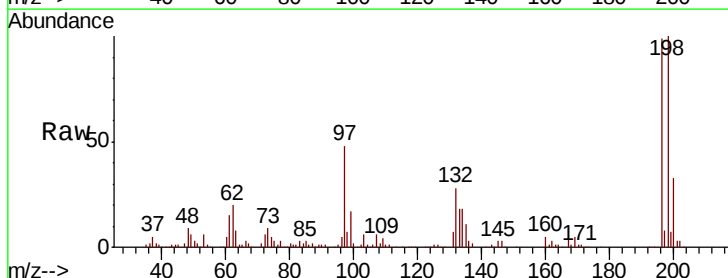
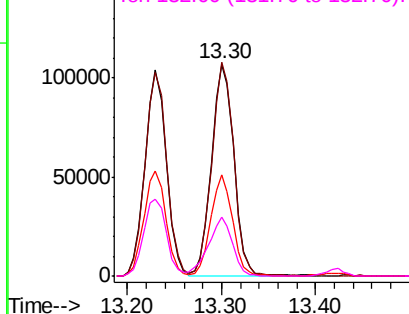
Abundance

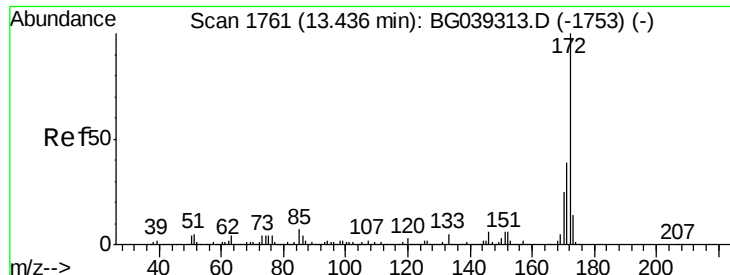
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





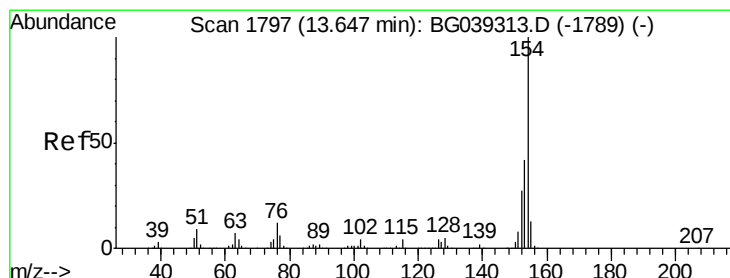
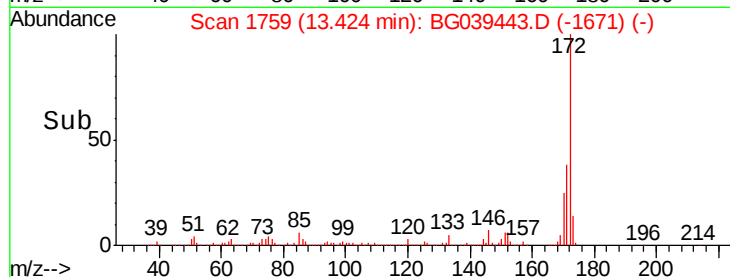
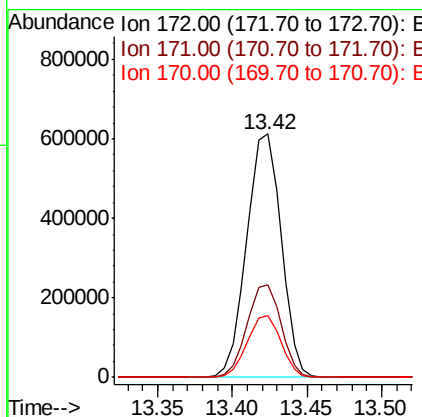
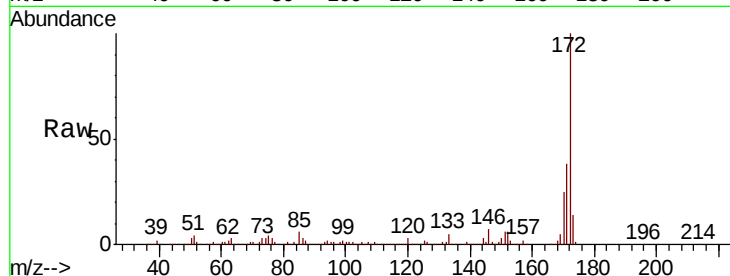
#45
2-Fluorobiphenyl
Concen: 87.158 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Instrument :
BNA_G
ClientSampleId :
SU-03-020819-AMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.8	46.2
170	25.3	20.2	30.4

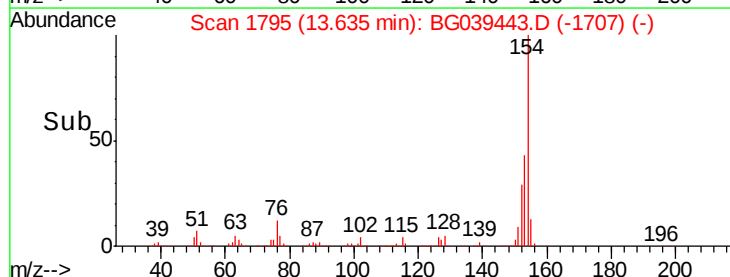
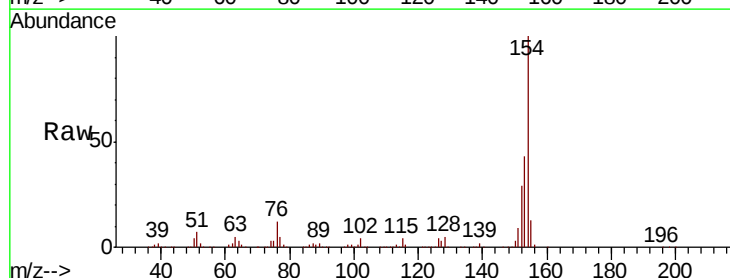
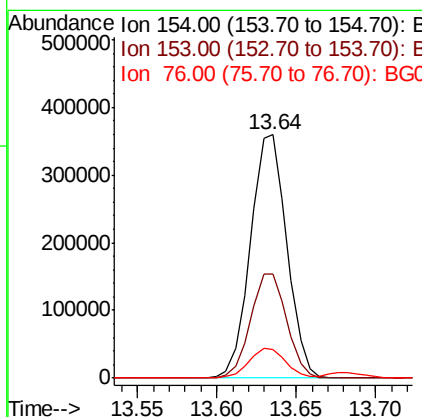
Manual Integrations
APPROVED

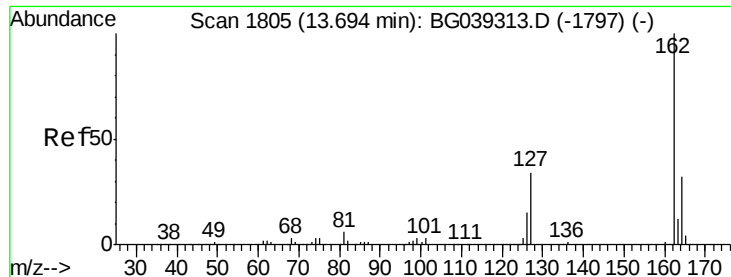
Sohil
2/12/2019 12:07:47 PM



#46
1,1'-Biphenyl
Concen: 42.687 ng
RT: 13.64 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.8	22.1	62.1
76	11.6	0.0	32.4





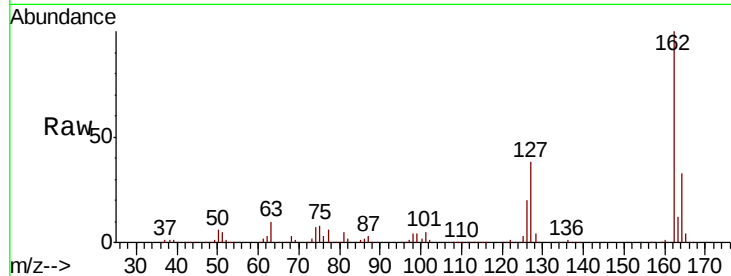
#47
2-Chloronaphthalene
Concen: 43.823 ng
RT: 13.68 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Instrument :
BNA_G
ClientSampleId :
SU-03-020819-AMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.2	31.0	46.6
164	33.4	25.7	38.5

Manual Integrations
APPROVED

Sohil
2/12/2019 12:07:47 PM

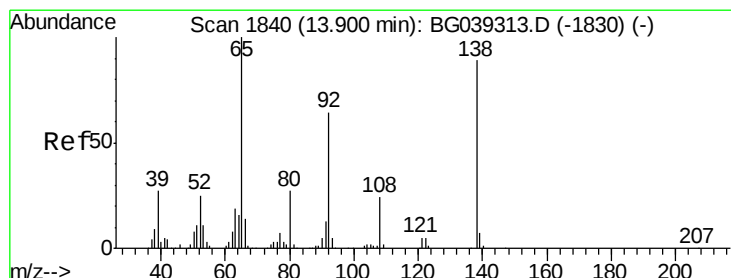
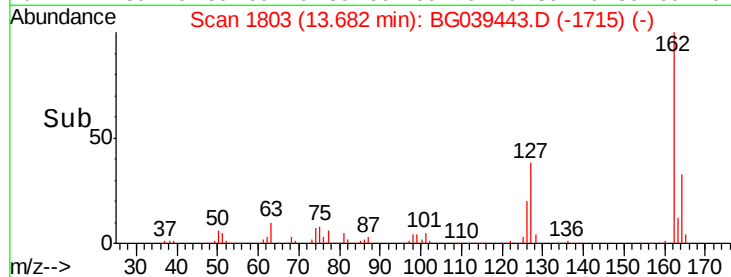
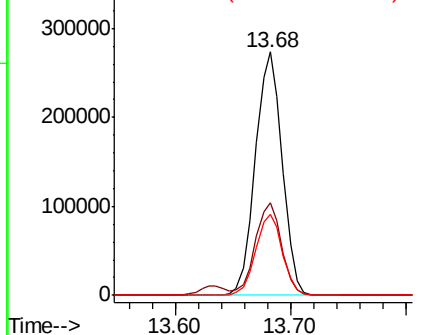


Abundance

Ion 162.00 (161.70 to 162.70): E

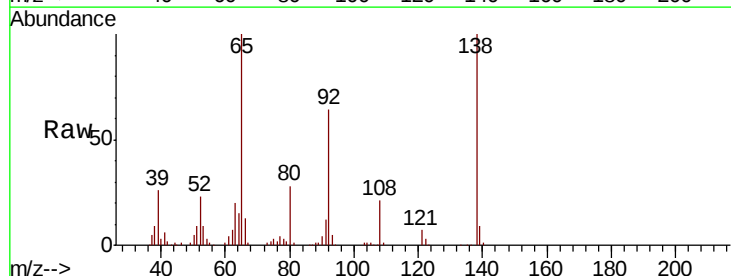
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 51.192 ng
RT: 13.89 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.0	51.4	77.2
138	100.1	71.4	107.2

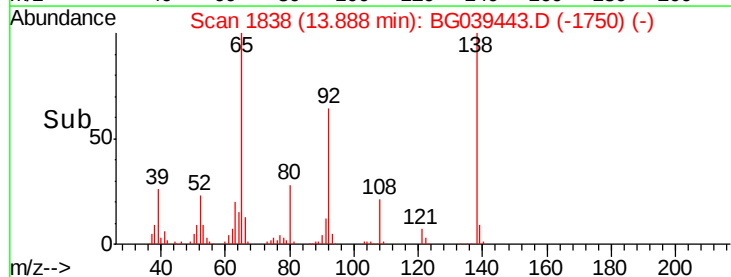
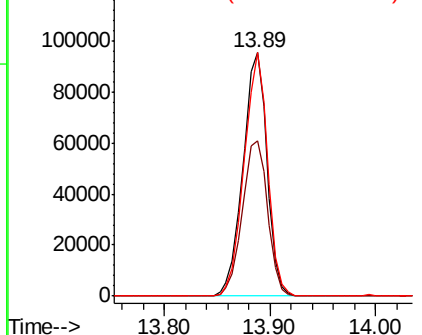


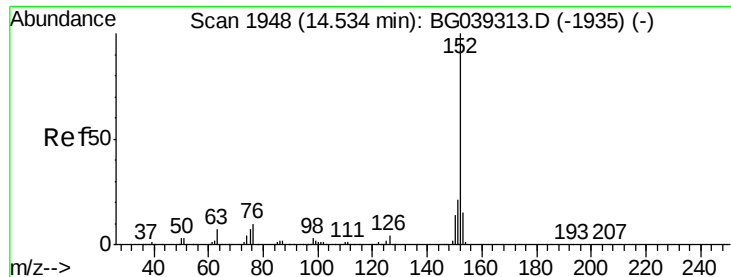
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 47.143 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Instrument :

BNA_G

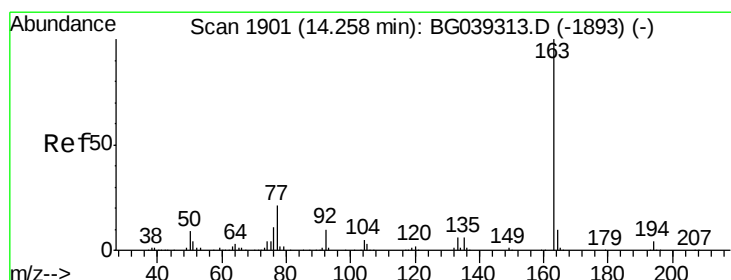
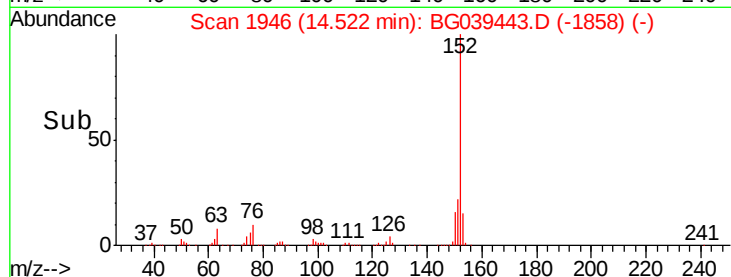
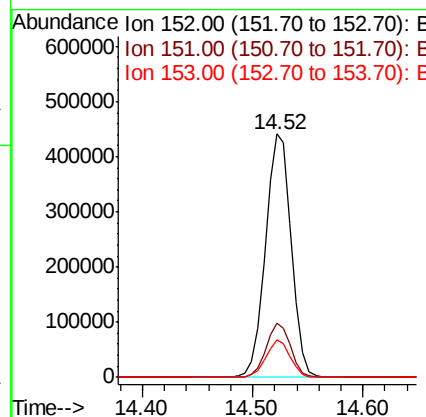
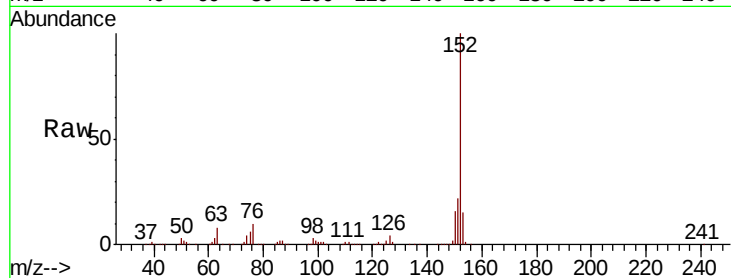
ClientSampleId :

SU-03-020819-AMSD

Tot Ion:	152	Resp:	717874
Ion Ratio	Lower	Upper	
152	100		
151	22.4	16.8	25.2
153	15.4	11.7	17.5

Manual Integrations
APPROVED

Sohil
2/12/2019 12:07:47 PM



#50

Dimethylphthalate

Concen: 46.300 ng

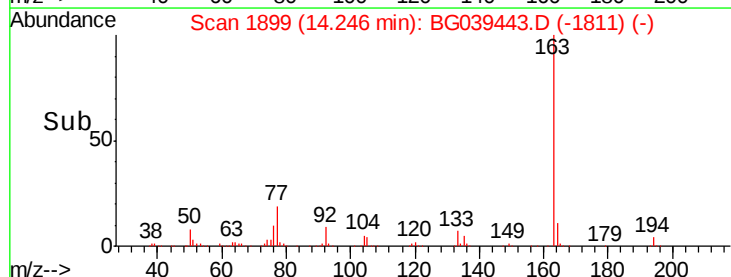
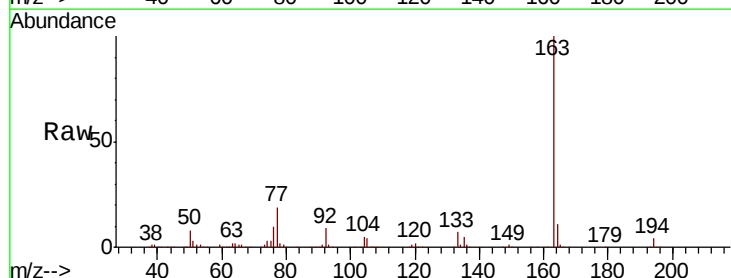
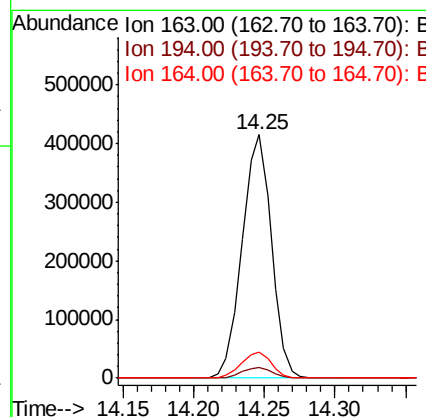
RT: 14.25 min Scan# 1899

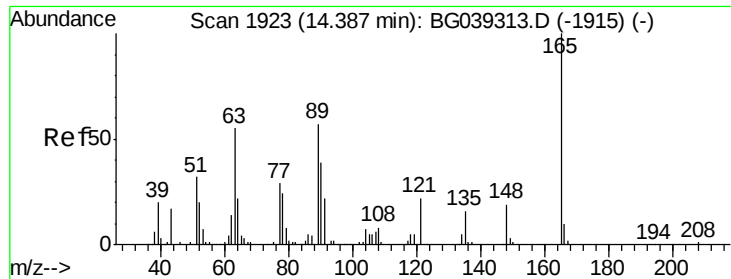
Delta R.T. -0.01 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Tgt Ion:	163	Resp:	602911
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.6	5.4
164	10.9	8.4	12.6





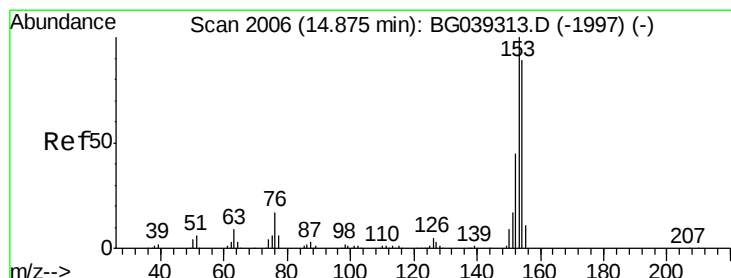
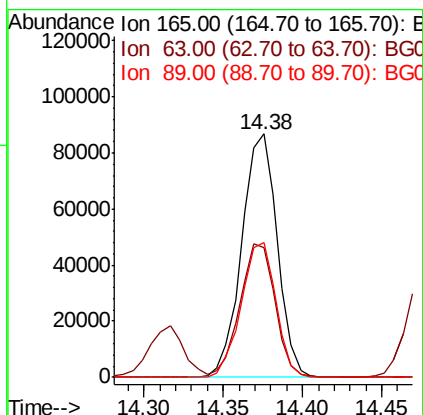
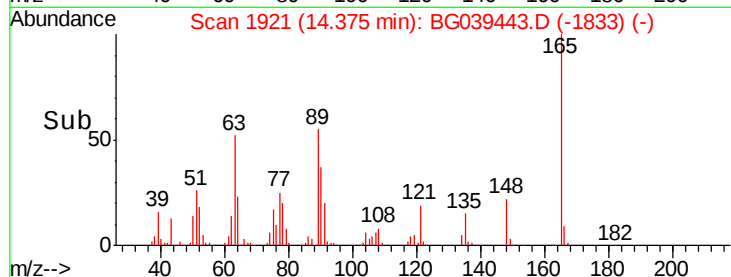
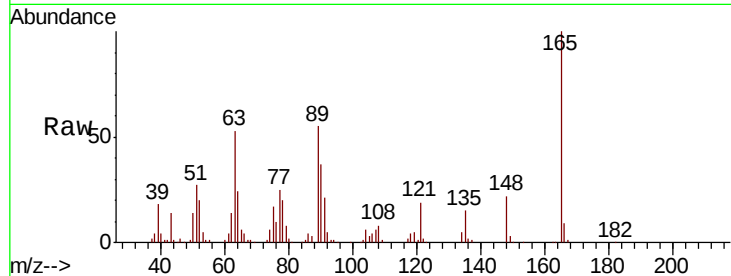
#51
2,6-Dinitrotoluene
Concen: 54.413 ng
RT: 14.38 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Instrument :
BNA_G
ClientSampleId :
SU-03-020819-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	134896		
63	53.2	47.0	70.6	
89	55.4	45.8	68.8	

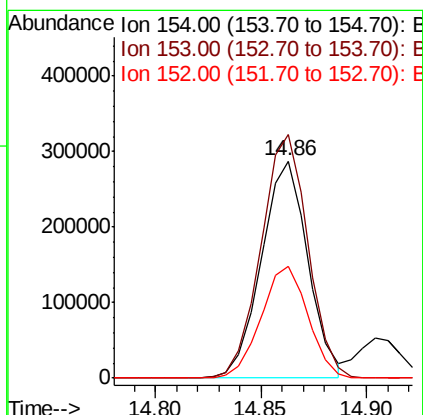
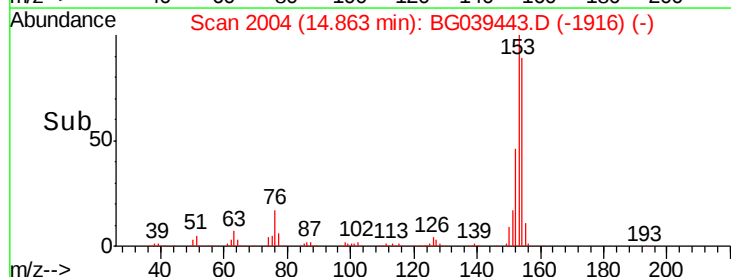
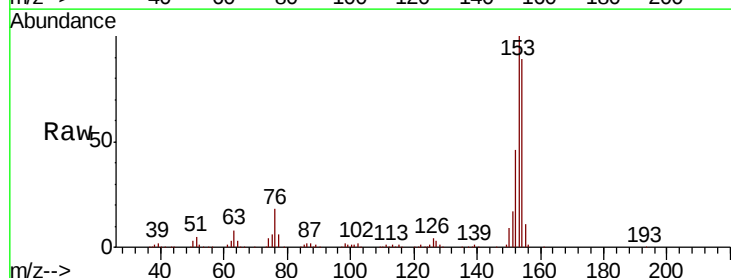
Manual Integrations
APPROVED

Sohil
2/12/2019 12:07:47 PM



#52
Acenaphthene
Concen: 44.632 ng
RT: 14.86 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	441166		
153	112.3	90.1	135.1	
152	51.3	40.9	61.3	





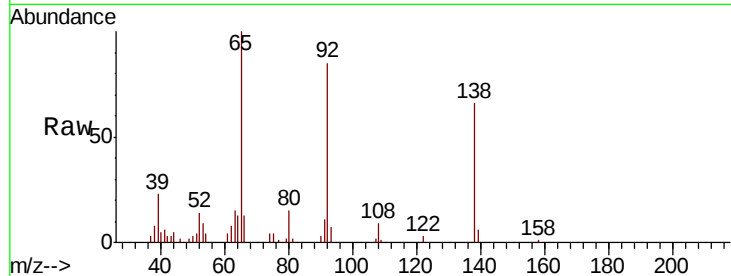
#53
3-Nitroaniline
Concen: 10.378 ng
RT: 14.70 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Instrument :
BNA_G
ClientSampleId :
SU-03-020819-AMSD

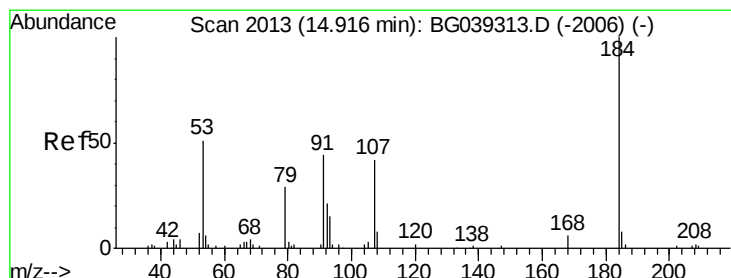
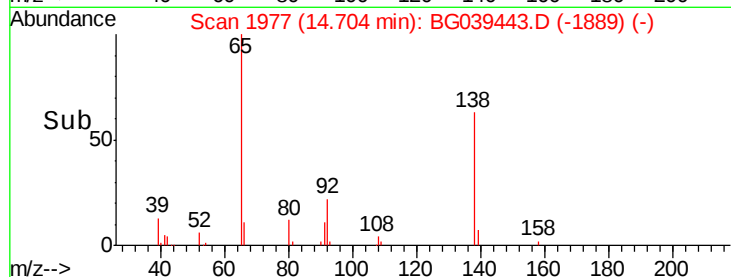
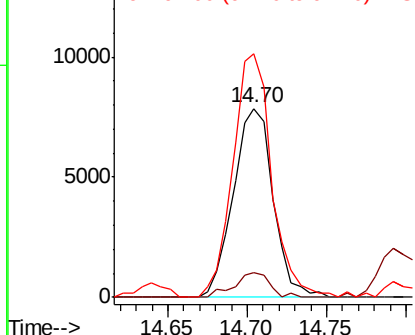
Tot Ion:138 Resp: 13692
Ion Ratio Lower Upper
138 100
108 13.1 13.8 20.8#
92 129.1 103.7 155.5

Manual Integrations
APPROVED

Sohil
2/12/2019 12:07:47 PM

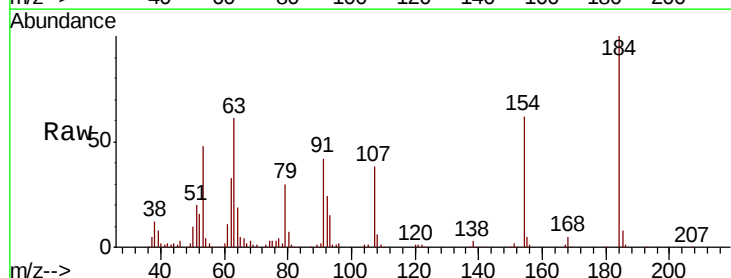


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

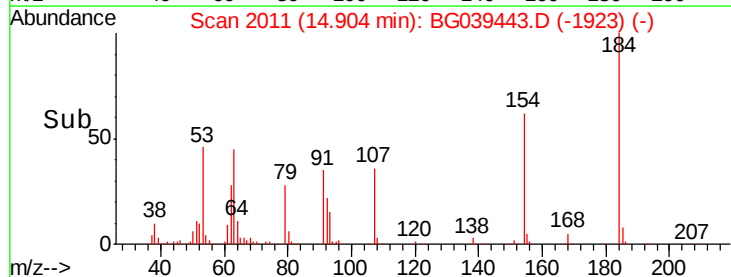
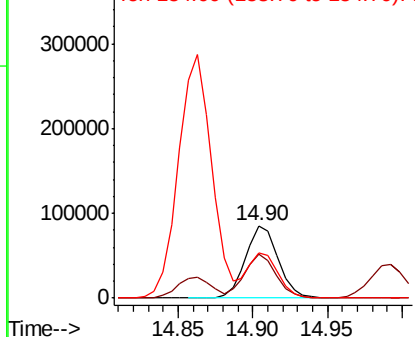


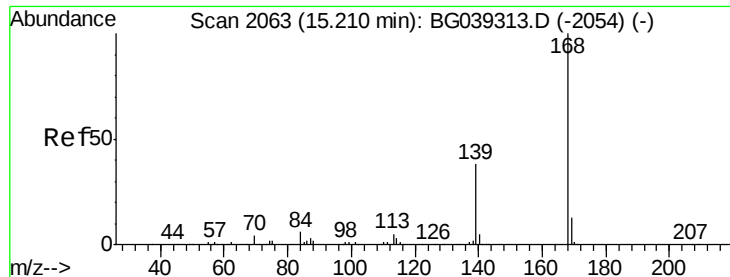
#54
2,4-Dinitrophenol
Concen: 104.229 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Tgt Ion:184 Resp: 128818
Ion Ratio Lower Upper
184 100
63 60.5 50.9 76.3
154 62.0 53.0 79.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E





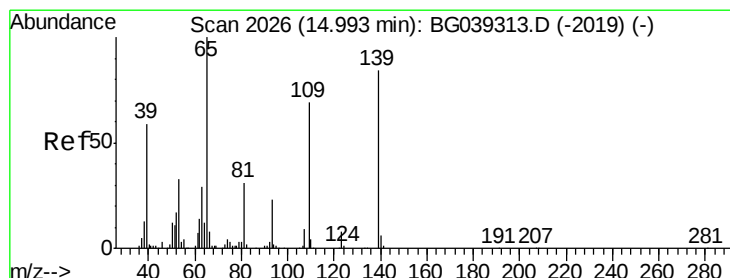
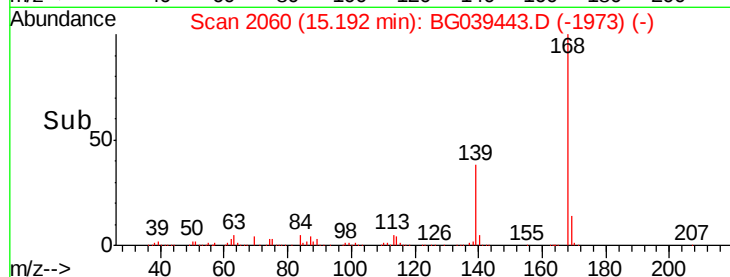
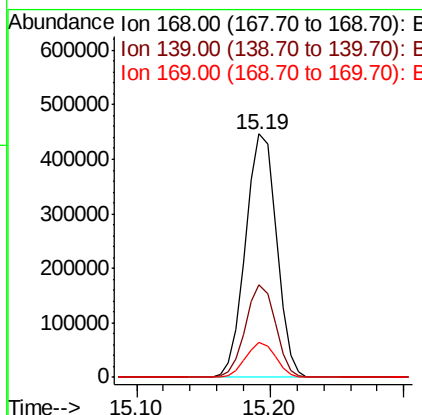
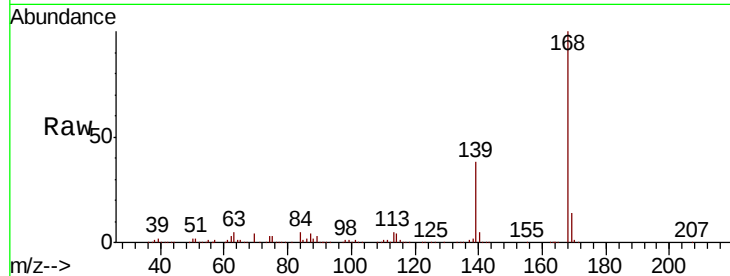
#55
Dibenzenofuran
Concen: 45.071 ng
RT: 15.19 min Scan# 2060
Delta R.T. -0.02 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Instrument :
BNA_G
ClientSampleId :
SU-03-020819-AMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.3	30.1	45.1
169	14.4	10.6	16.0

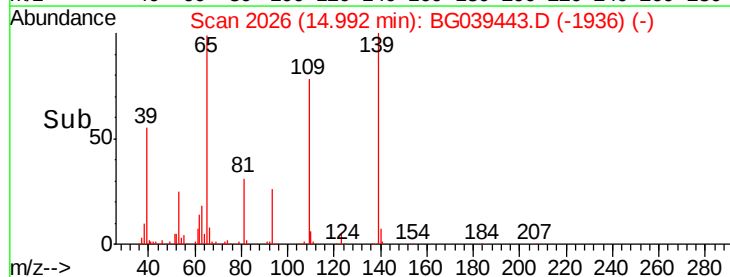
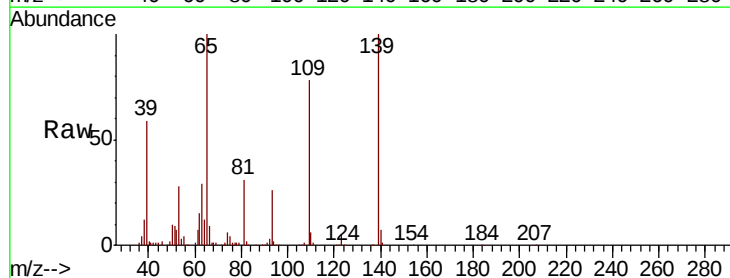
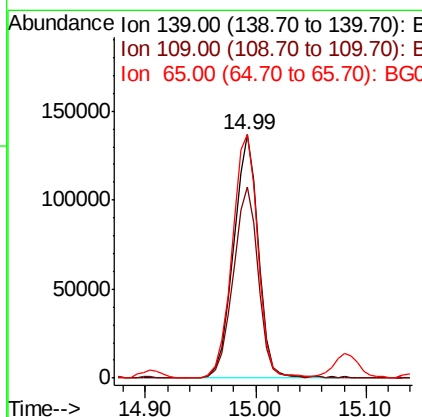
Manual Integrations
APPROVED

Sohil
2/12/2019 12:07:47 PM



#56
4-Nitrophenol
Concen: 90.643 ng
RT: 14.99 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Tgt Ion	Ratio	Lower	Upper
139	100		
109	78.4	61.9	101.9
65	100.0	99.1	139.1





#57

2,4-Dinitrotoluene

Concen: 58.503 ng

RT: 15.16 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Instrument :

BNA_G

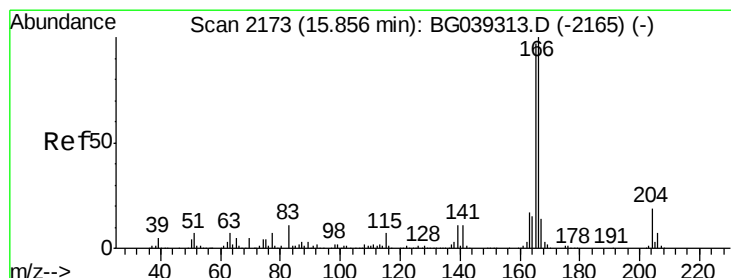
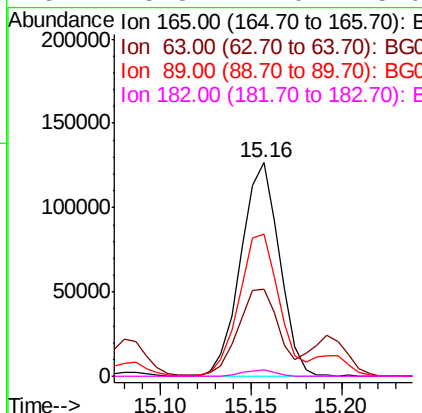
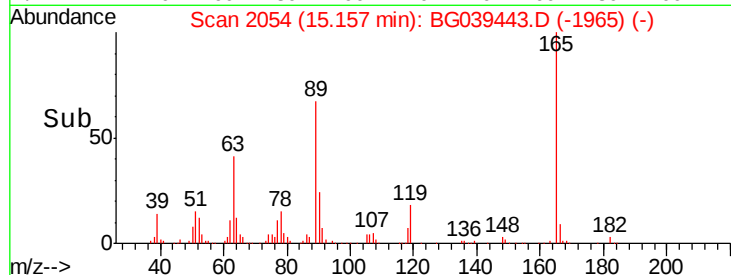
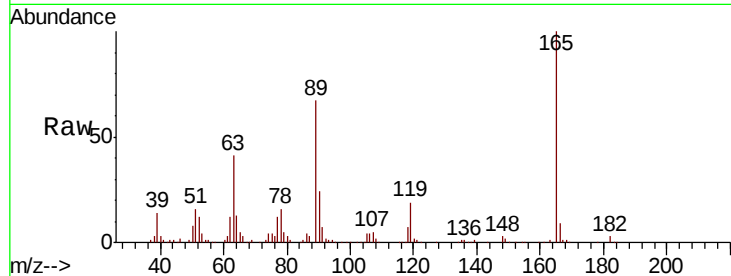
ClientSampleId :

SU-03-020819-AMSD

Tot Ion:	165	Resp:	188757
Ion Ratio	Lower	Upper	
165	100		
63	40.9	41.0	61.6#
89	66.8	64.6	96.8
182	3.3	2.0	3.0#

Manual Integrations
APPROVED

Sohil
2/12/2019 12:07:47 PM



#58

Fluorene

Concen: 48.024 ng

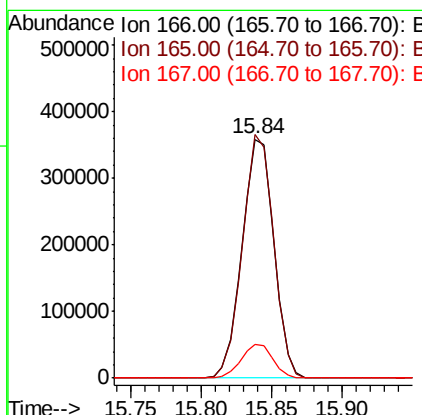
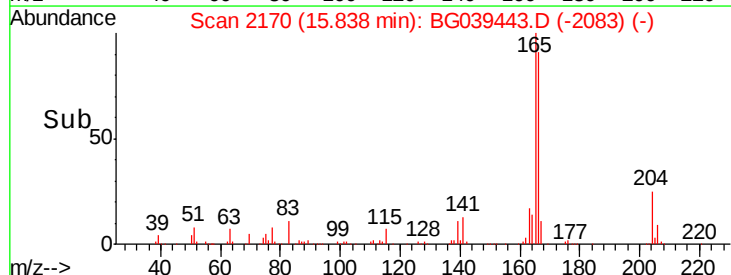
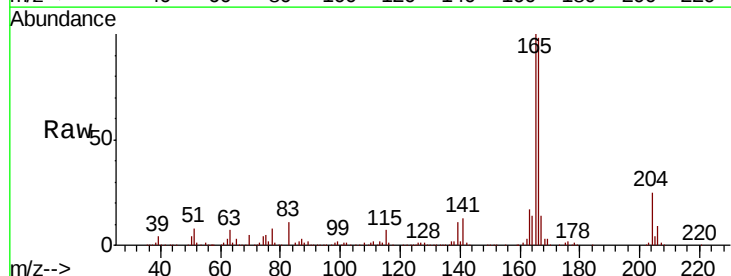
RT: 15.84 min Scan# 2170

Delta R.T. -0.02 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Tgt Ion:	166	Resp:	567369
Ion Ratio	Lower	Upper	
166	100		
165	101.9	77.9	116.9
167	13.8	10.8	16.2





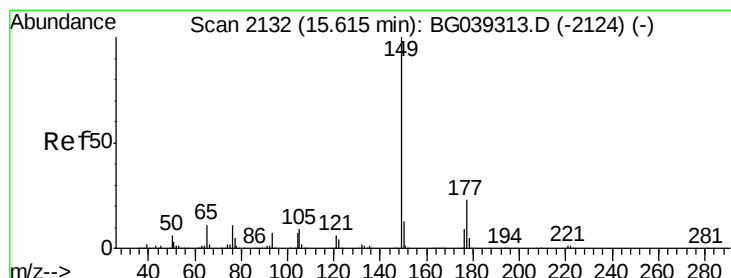
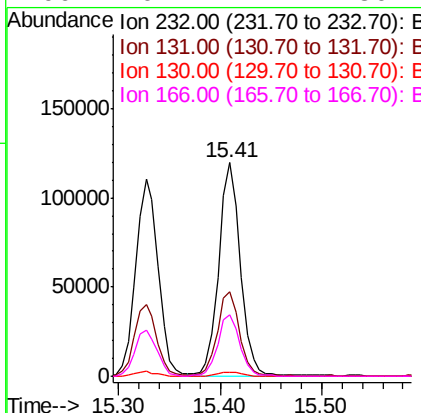
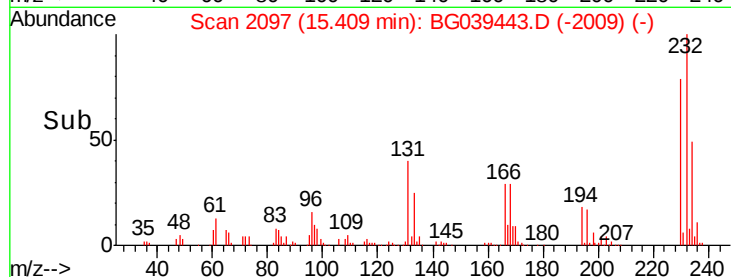
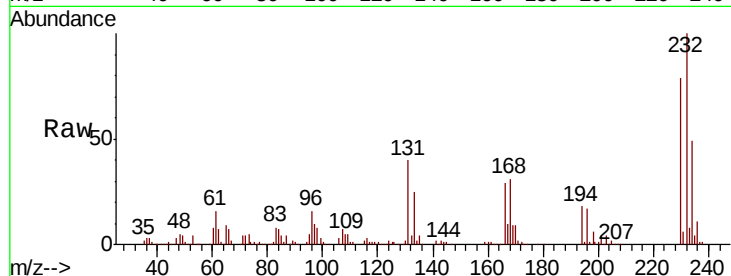
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 57.226 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BG039443.D
 Acq: 11 Feb 2019 20:49

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-020819-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	177131		
131	40.3		34.9	52.3
130	2.2		2.0	3.0
166	29.1		24.1	36.1

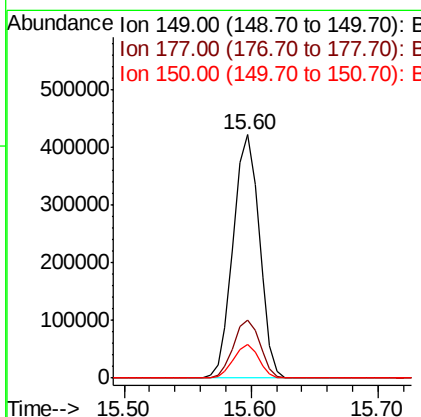
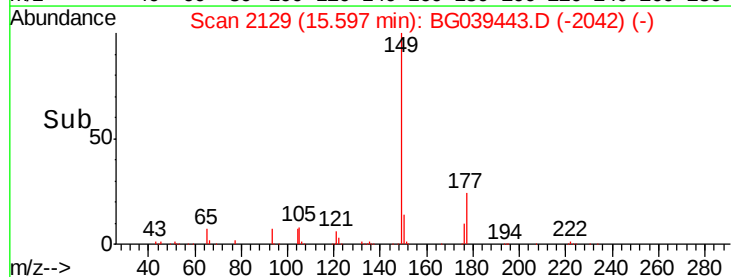
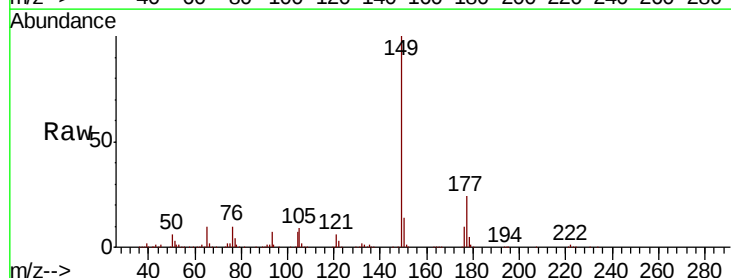
Manual Integrations
 APPROVED

Sohil
 2/12/2019 12:07:47 PM



#60
 Diethylphthalate
 Concen: 44.842 ng
 RT: 15.60 min Scan# 2129
 Delta R.T. -0.02 min
 Lab File: BG039443.D
 Acq: 11 Feb 2019 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	603735		
177	24.0		18.3	27.5
150	13.7		10.2	15.2





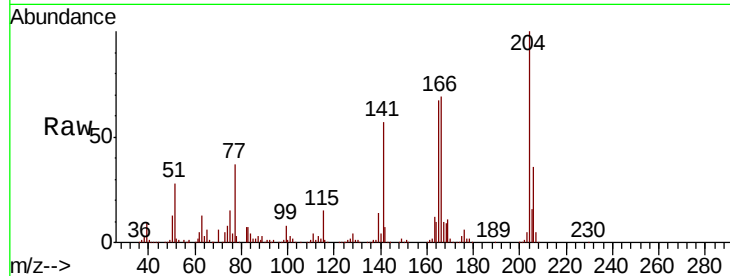
#61
4-Chlorophenyl-phenylether
Concen: 45.754 ng
RT: 15.83 min Scan# 2168
Delta R.T. -0.02 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Instrument :
BNA_G
ClientSampleId :
SU-03-020819-AMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.6	29.2	43.8
141	57.2	49.0	73.4

Manual Integrations
APPROVED

Sohil
2/12/2019 12:07:47 PM

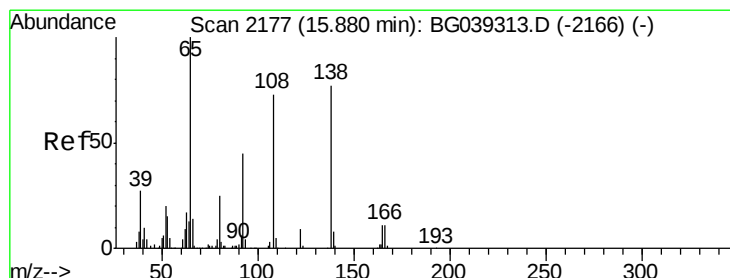
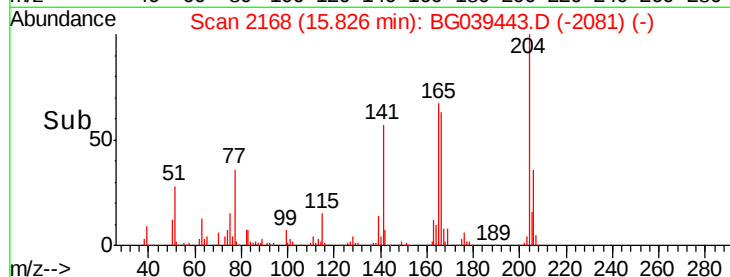
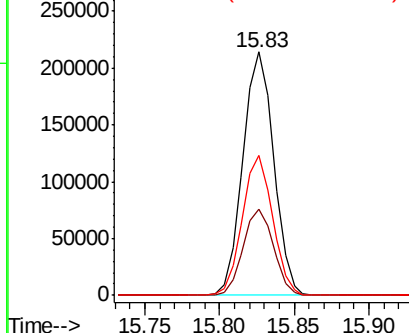


Abundance

Ion 204.00 (203.70 to 204.70): E

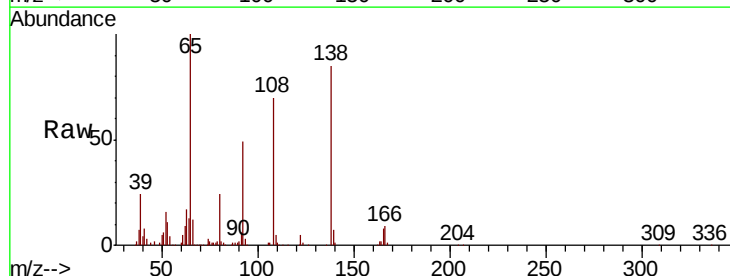
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 45.918 ng
RT: 15.87 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.3	38.7	78.7
108	81.9	74.6	114.6

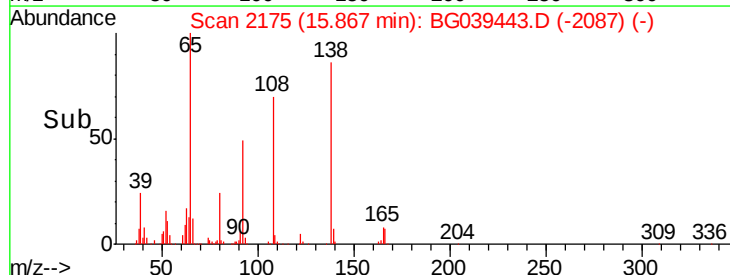
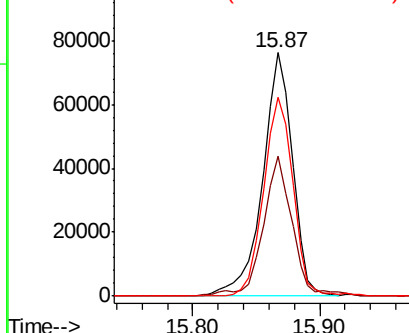


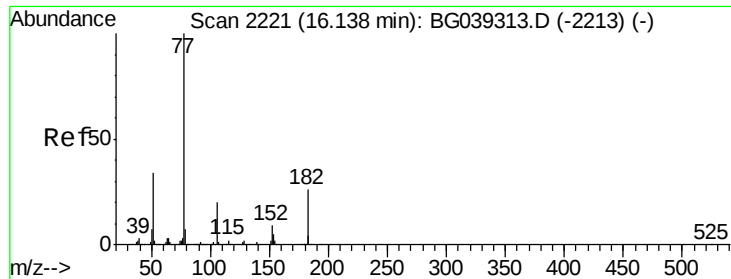
Abundance

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





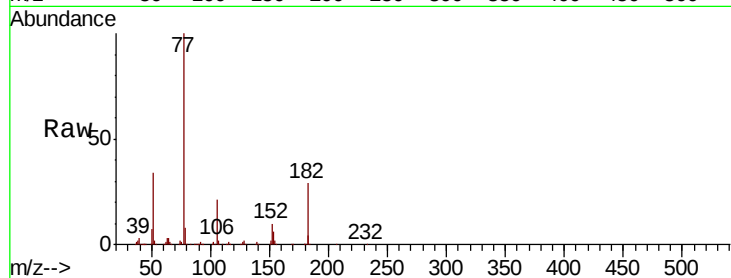
#63
Azobenzene
Concen: 40.676 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.02 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Instrument :
BNA_G
ClientSampleId :
SU-03-020819-AMSD

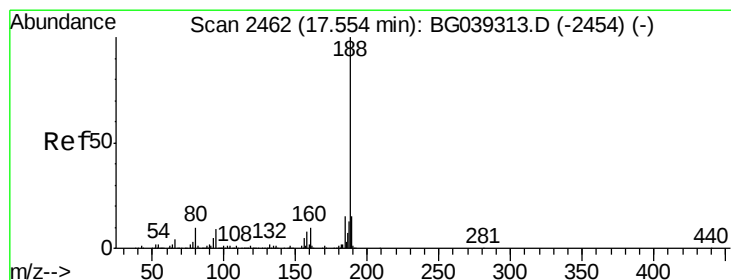
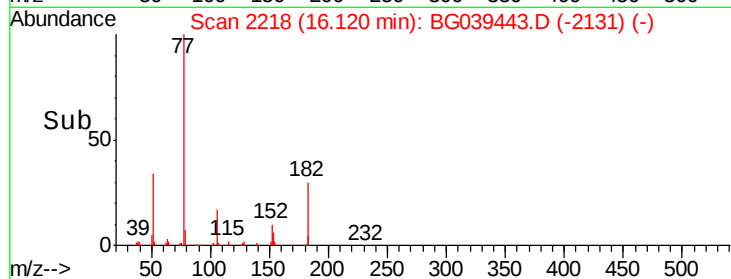
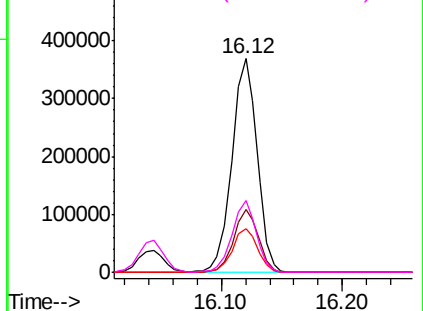
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	29.1	6.4	46.4	
105	20.6	0.0	39.8	
51	33.9	14.1	54.1	

Manual Integrations
APPROVED

Sohil
2/12/2019 12:07:47 PM



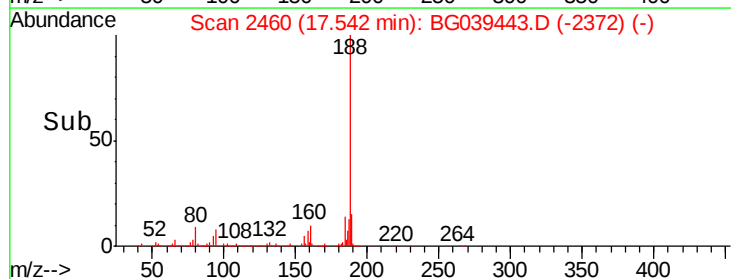
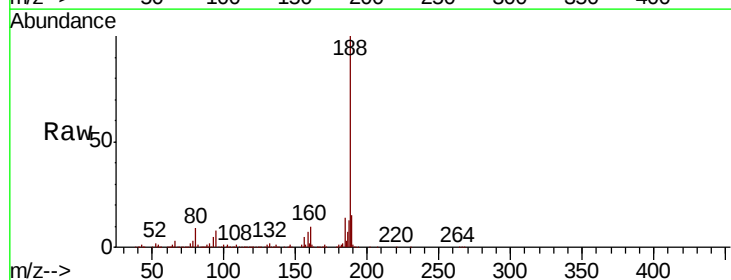
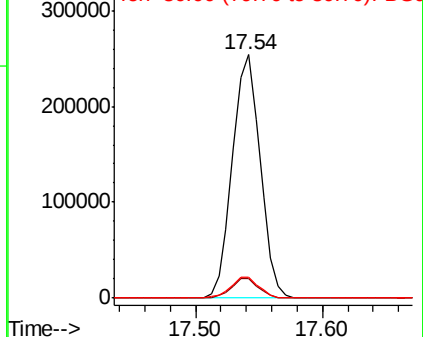
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

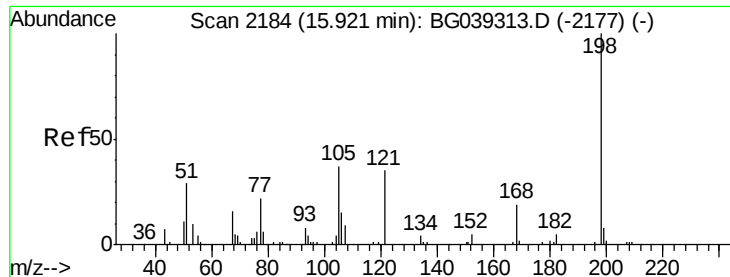


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.9	6.9	10.3	
80	8.6	8.1	12.1	

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: 60.402 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Instrument :

BNA_G

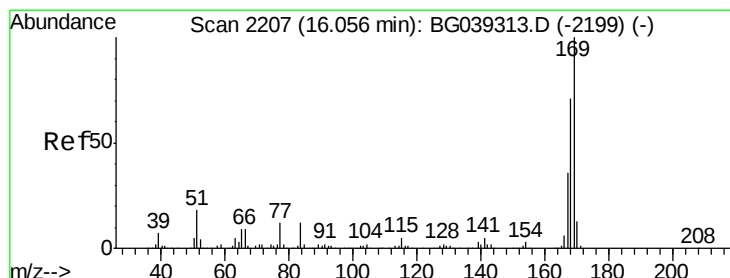
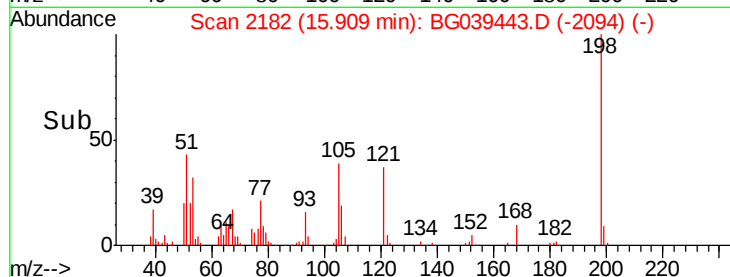
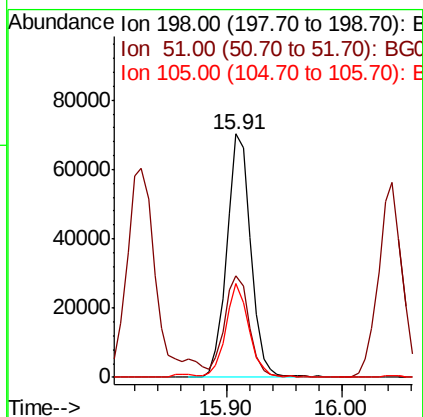
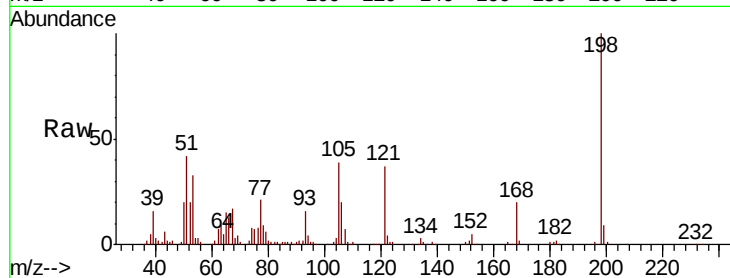
ClientSampleId :

SU-03-020819-AMSD

Tot Ion:	198	Resp:	100927
Ion Ratio	Lower	Upper	
198	100		
51	41.7	27.4	67.4
105	38.7	19.7	59.7

Manual Integrations
APPROVED

Sohil
2/12/2019 12:07:47 PM



#66

n-Nitrosodiphenylamine

Concen: 44.393 ng

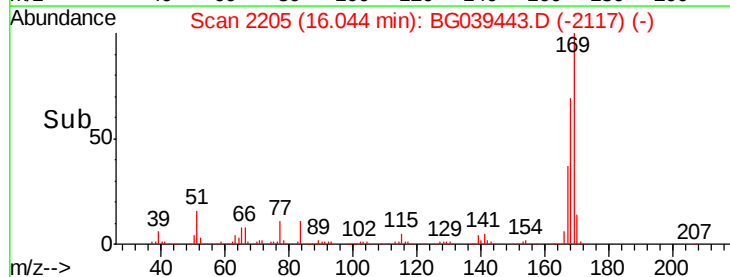
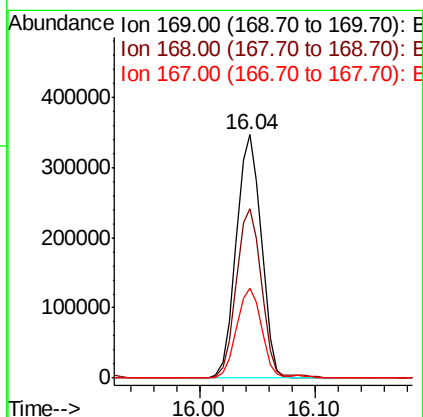
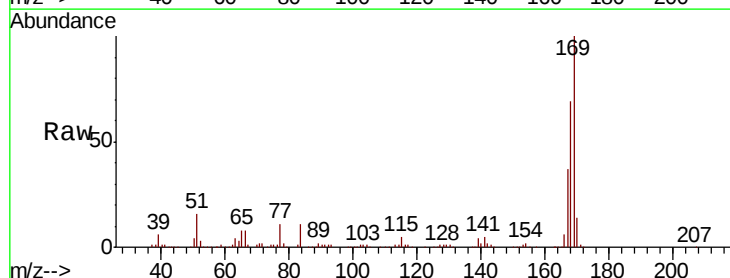
RT: 16.04 min Scan# 2205

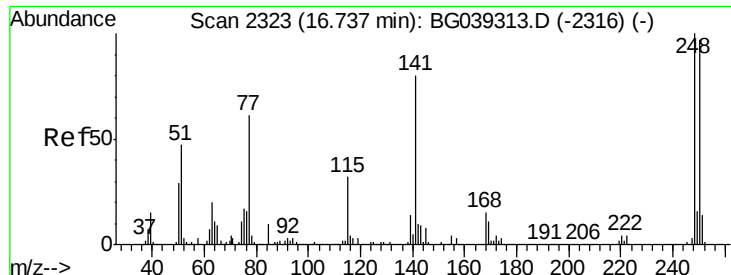
Delta R.T. -0.01 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Tgt Ion:	169	Resp:	519333
Ion Ratio	Lower	Upper	
169	100		
168	69.5	56.6	85.0
167	36.8	28.8	43.2





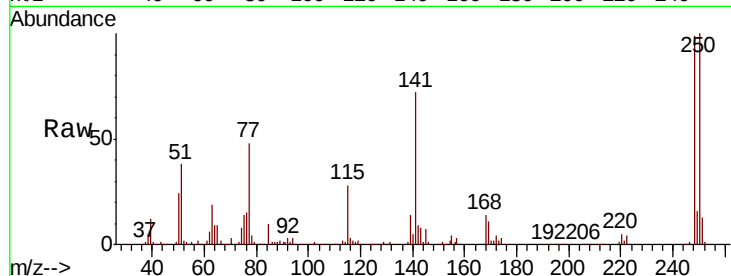
#67
4-Bromophenyl-phenylether
Concen: 47.002 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.02 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Instrument :
BNA_G
ClientSampleId :
SU-03-020819-AMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.8	77.6	116.4
141	72.7	63.9	95.9

Manual Integrations
APPROVED

Sohil
2/12/2019 12:07:47 PM

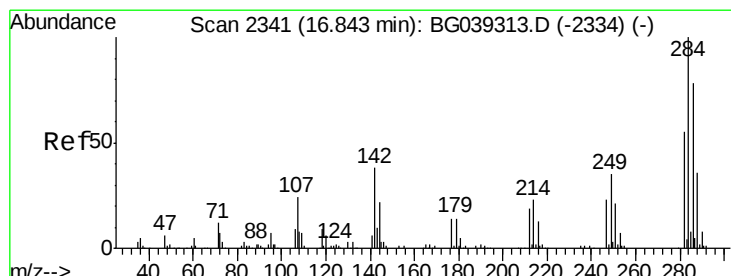
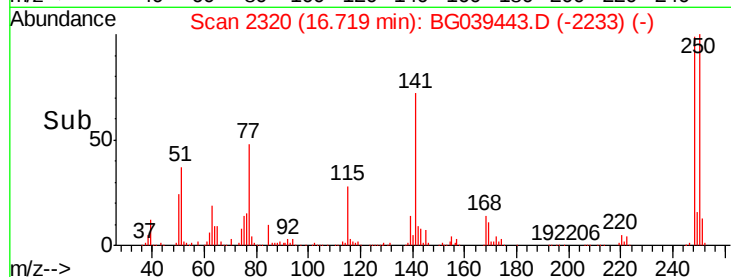
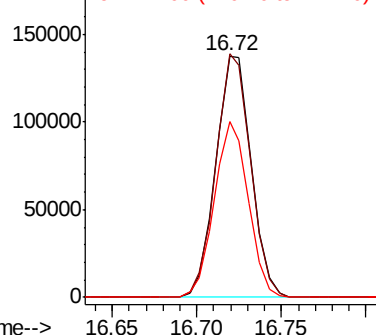


Abundance

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: 48.777 ng
RT: 16.83 min Scan# 2339
Delta R.T. -0.01 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

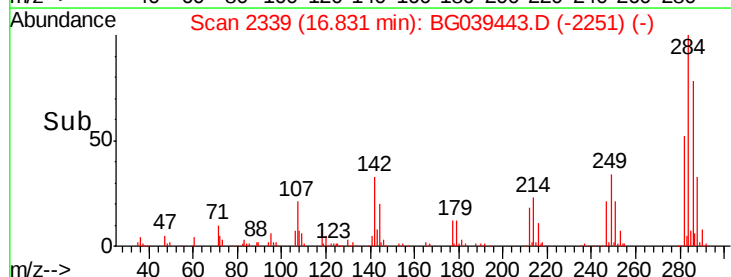
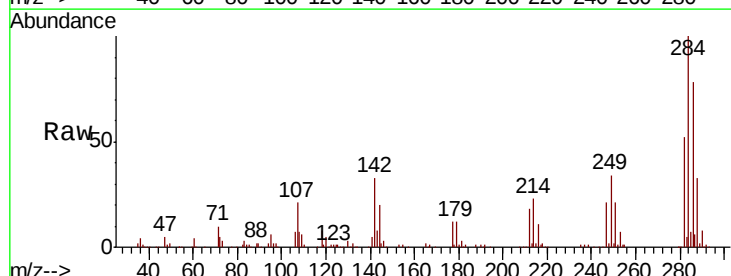
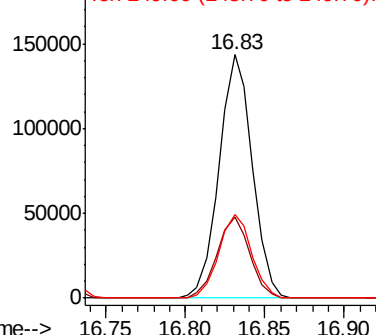
Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.4	30.6	45.8
249	34.3	28.2	42.2

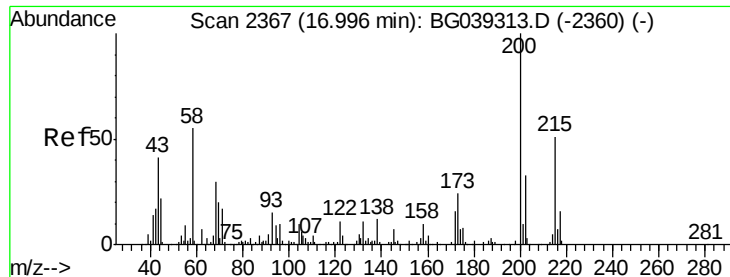
Abundance

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





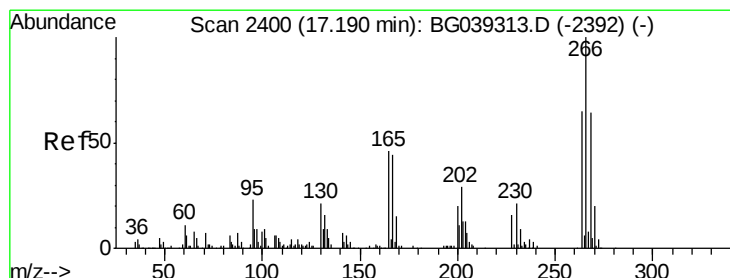
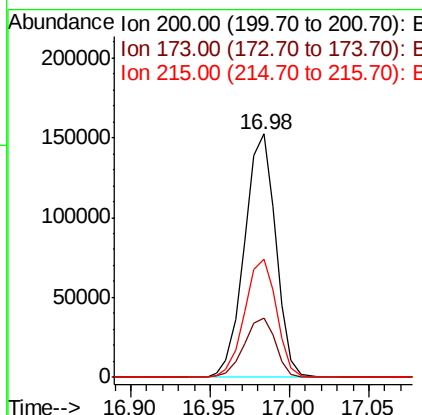
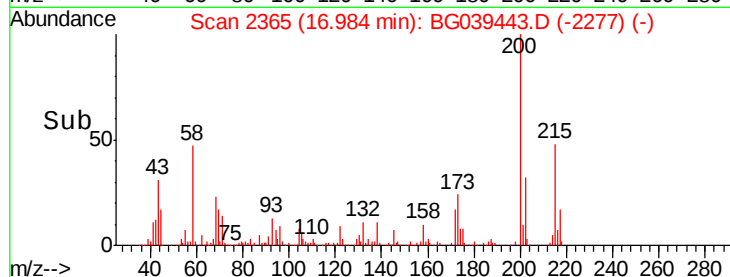
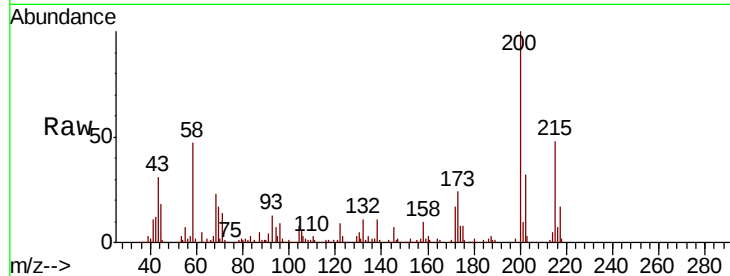
#69
 Atrazine
 Concen: 48.895 ng
 RT: 16.98 min Scan# 2365
 Delta R.T. -0.01 min
 Lab File: BG039443.D
 Acq: 11 Feb 2019 20:49

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-020819-AMSD

Tot Ion:	200	Resp:	209034
Ion Ratio	Lower	Upper	
200	100		
173	24.5	3.9	43.9
215	48.3	30.9	70.9

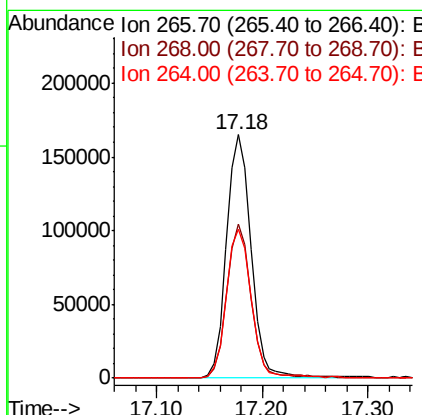
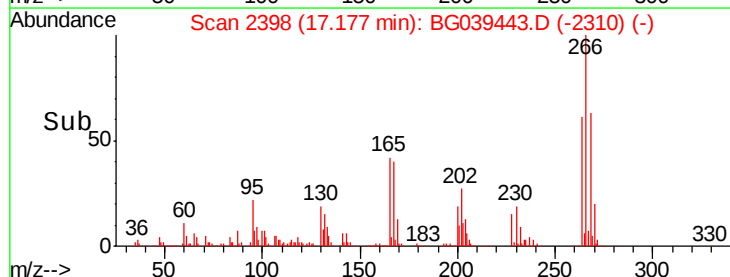
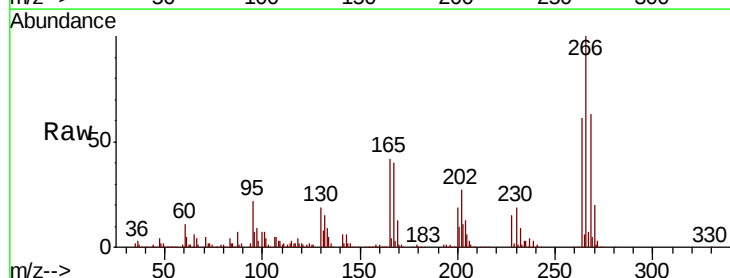
Manual Integrations
 APPROVED

Sohil
 2/12/2019 12:07:47 PM



#70
 Pentachlorophenol
 Concen: 89.353 ng
 RT: 17.18 min Scan# 2398
 Delta R.T. -0.01 min
 Lab File: BG039443.D
 Acq: 11 Feb 2019 20:49

Tgt Ion:	266	Resp:	265943
Ion Ratio	Lower	Upper	
266	100		
268	63.2	51.1	76.7
264	61.4	52.1	78.1





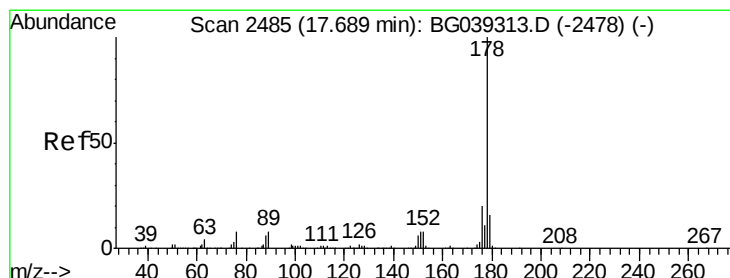
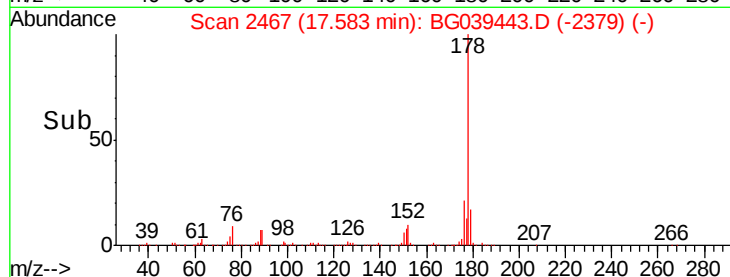
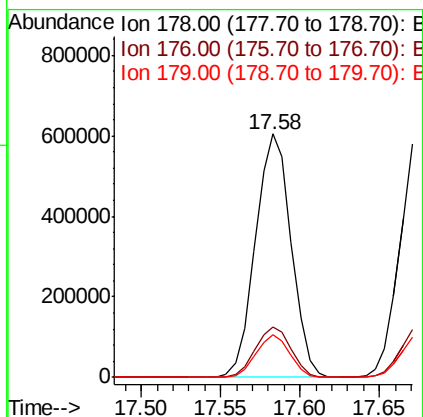
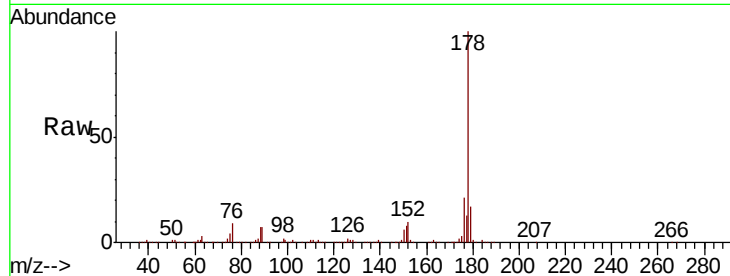
#71
Phenanthrene
Concen: 47.491 ng
RT: 17.58 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Instrument :
BNA_G
ClientSampleId :
SU-03-020819-AMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.2	24.4
179	17.3	12.6	19.0

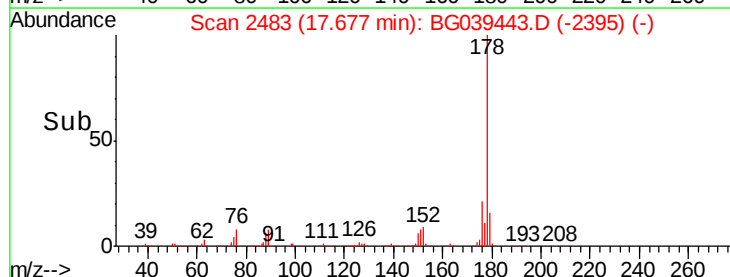
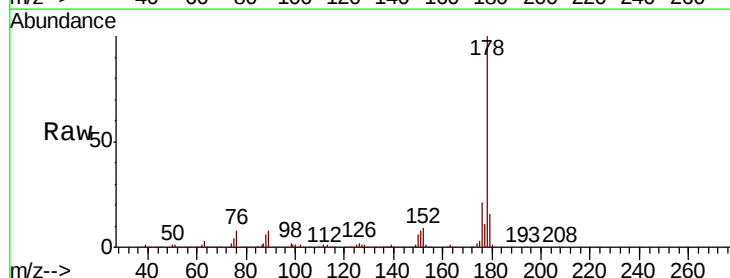
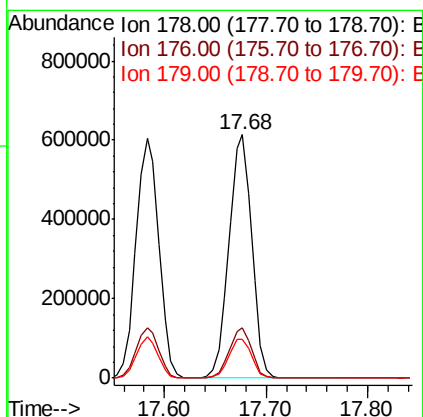
Manual Integrations
APPROVED

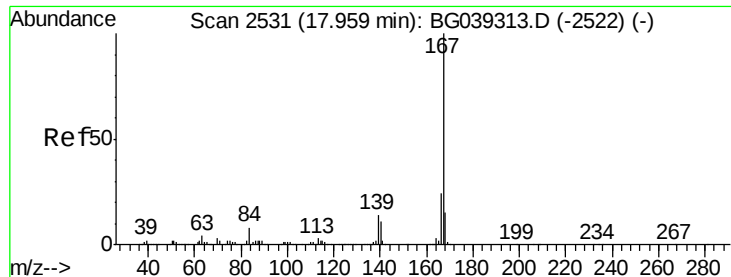
Sohil
2/12/2019 12:07:47 PM



#72
Anthracene
Concen: 48.713 ng
RT: 17.68 min Scan# 2483
Delta R.T. -0.01 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.8	23.6
179	16.1	12.5	18.7





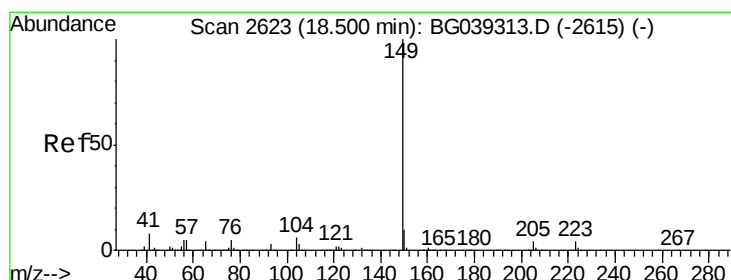
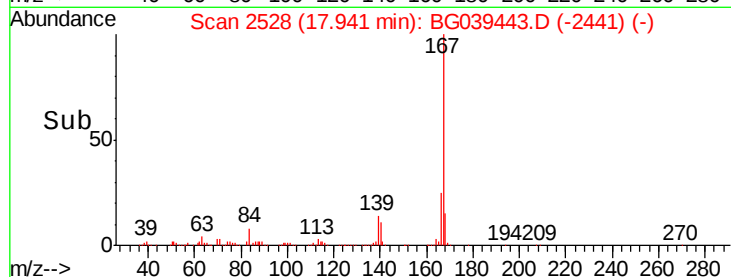
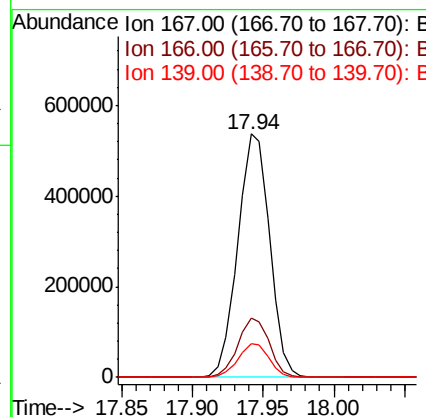
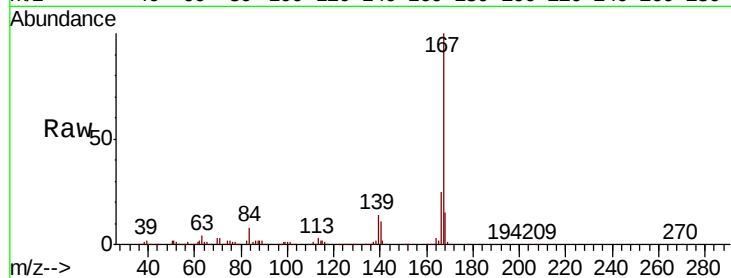
#73
 Carbazole
 Concen: 43.266 ng
 RT: 17.94 min Scan# 2528
 Delta R.T. -0.02 min
 Lab File: BG039443.D
 Acq: 11 Feb 2019 20:49

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-020819-AMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.6	19.4	29.2
139	13.9	10.8	16.2

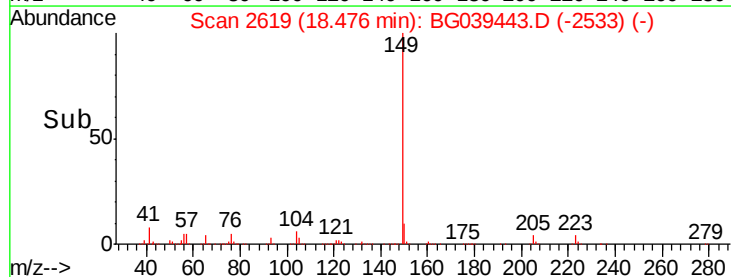
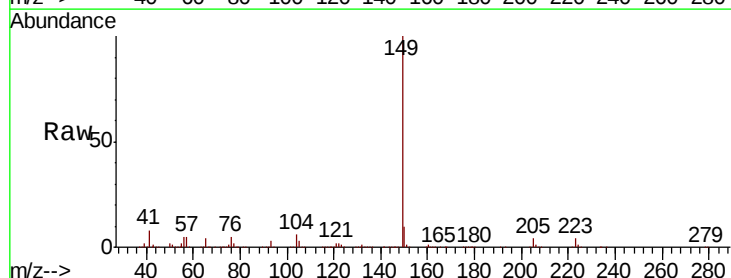
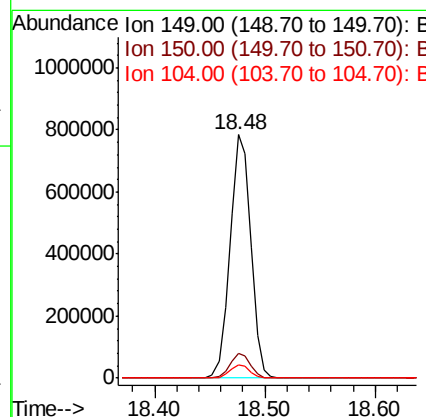
Manual Integrations
 APPROVED

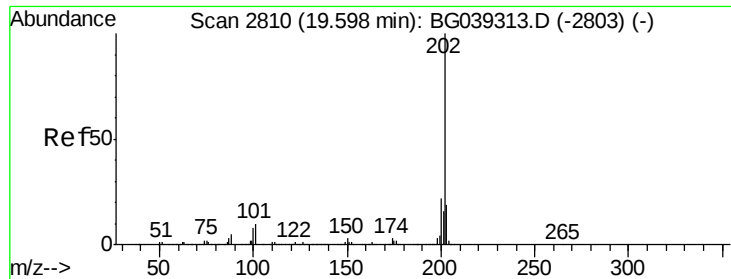
Sohil
 2/12/2019 12:07:47 PM



#74
 Di-n-butylphthalate
 Concen: 45.214 ng
 RT: 18.48 min Scan# 2619
 Delta R.T. -0.02 min
 Lab File: BG039443.D
 Acq: 11 Feb 2019 20:49

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.7	11.5
104	5.6	4.5	6.7





#75

Fluoranthene

Concen: 48.973 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.02 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Instrument :

BNA_G

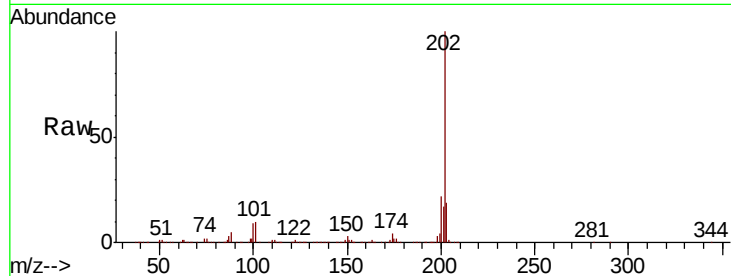
ClientSampleId :

SU-03-020819-AMSD

Tot Ion:	202	Resp:	1131899
Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	30.0
203	19.4	0.0	38.9

Manual Integrations
APPROVED

Sohil
2/12/2019 12:07:47 PM

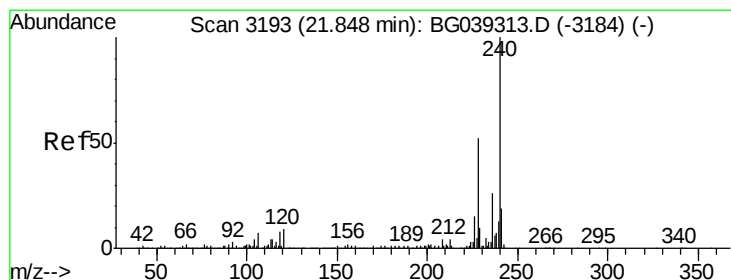
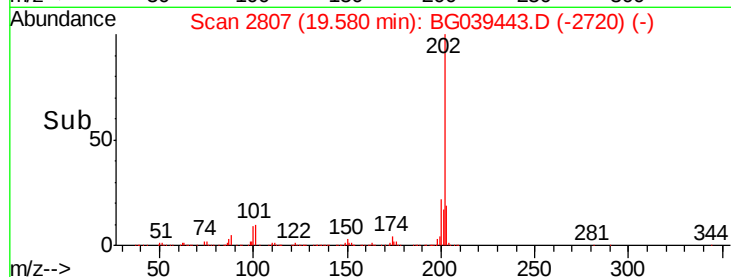
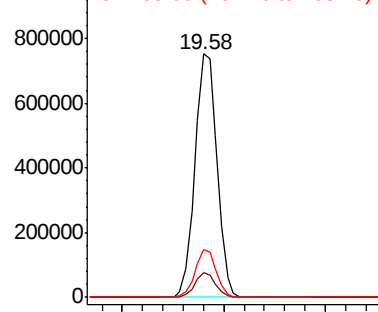


Abundance

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: 21.83 min Scan# 3190

Delta R.T. -0.02 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

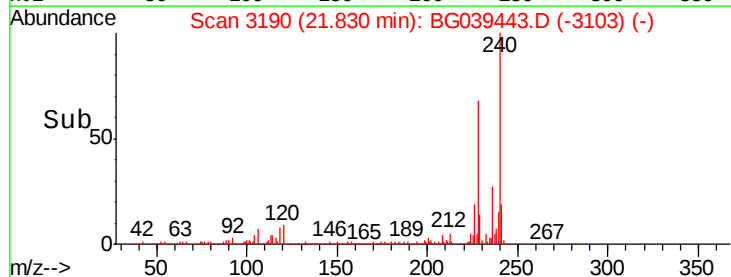
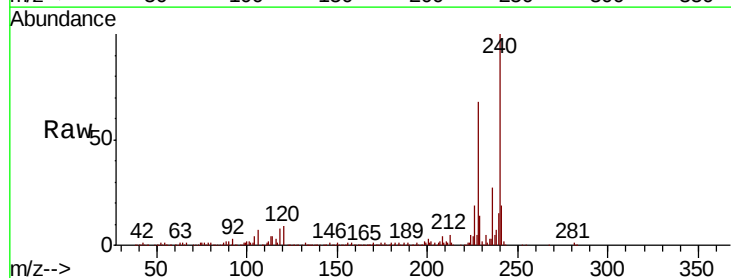
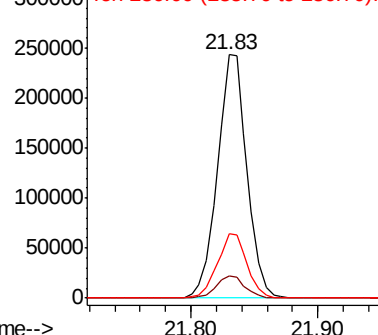
Tgt Ion:	240	Resp:	391791
Ion	Ratio	Lower	Upper
240	100		
120	9.1	7.0	10.6
236	26.7	21.0	31.4

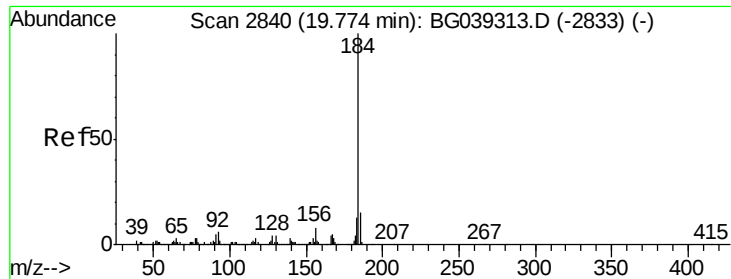
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 7.934 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Instrument :

BNA_G

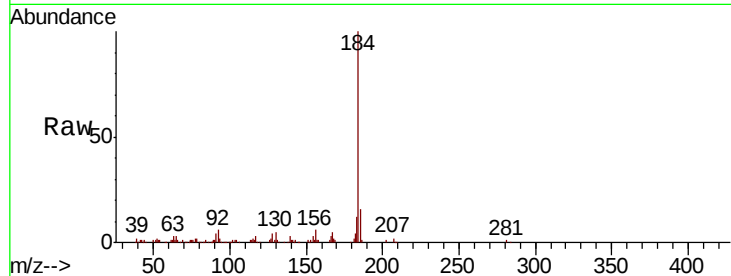
ClientSampleId :

SU-03-020819-AMSD

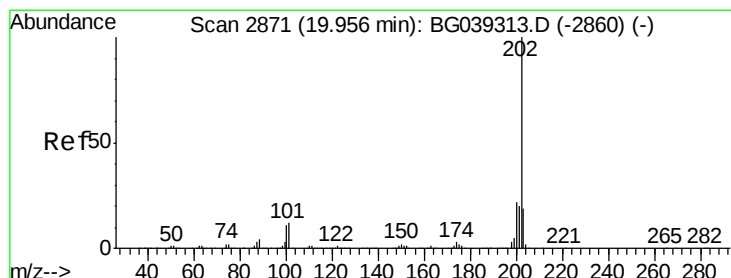
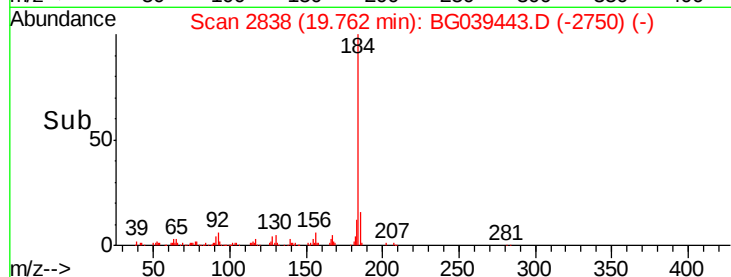
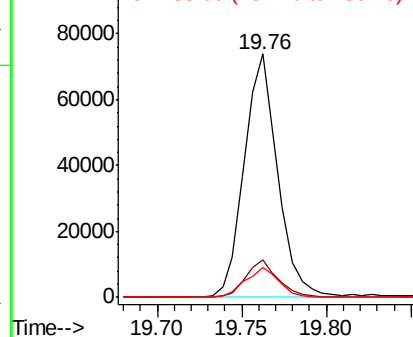
Tot Ion:	184	Resp:	101907
Ion Ratio	Lower	Upper	
184	100		
185	15.5	12.2	18.2
183	12.2	10.6	15.8

Manual Integrations
APPROVED

Sohil
2/12/2019 12:07:47 PM



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



#78

Pyrene

Concen: 47.065 ng

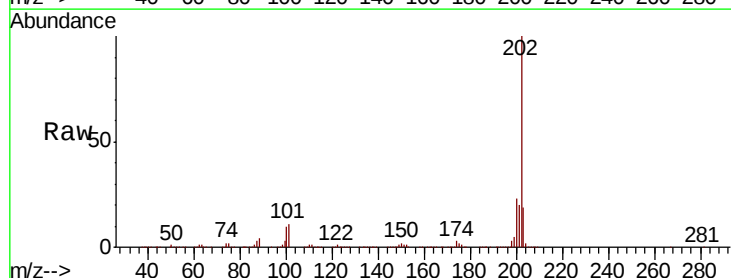
RT: 19.94 min Scan# 2869

Delta R.T. -0.01 min

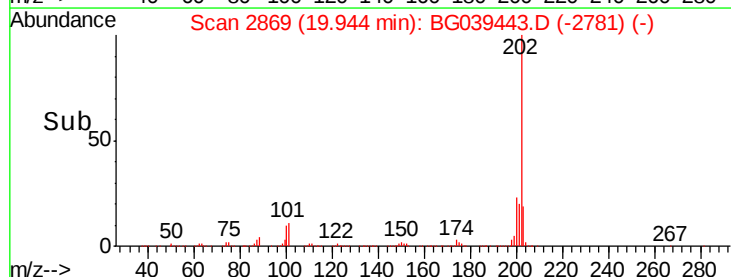
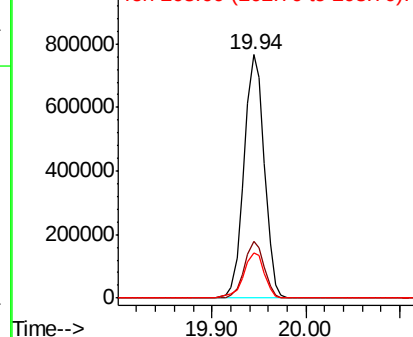
Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Tgt Ion:	202	Resp:	1147909
Ion Ratio	Lower	Upper	
202	100		
200	23.1	17.8	26.8
203	18.7	15.3	22.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.470 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Instrument :

BNA_G

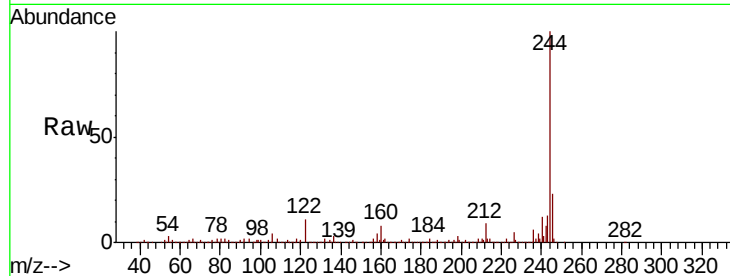
ClientSampleId :

SU-03-020819-AMSD

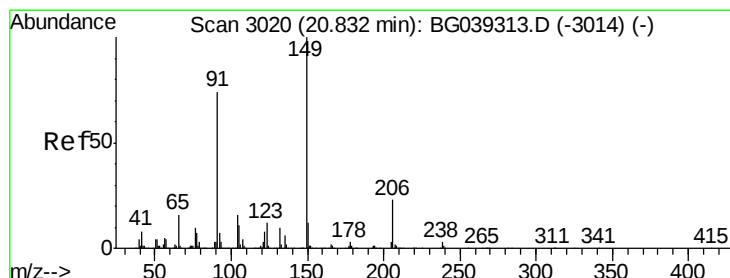
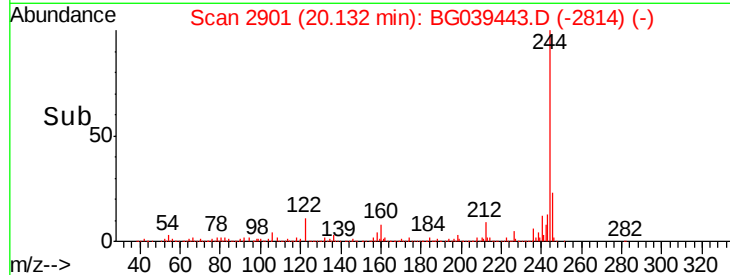
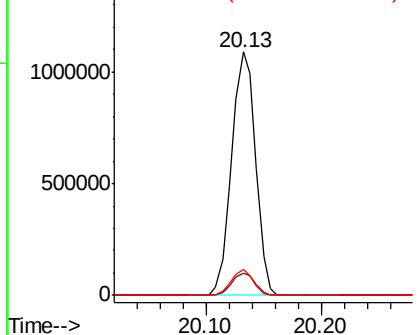
Tot Ion:	244	Resp:	1563503
Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.3	10.9
122	10.6	8.4	12.6

Manual Integrations
APPROVED

Sohil
2/12/2019 12:07:47 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: 47.154 ng

RT: 20.81 min Scan# 3017

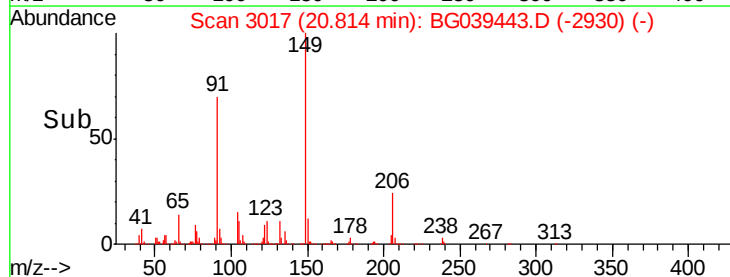
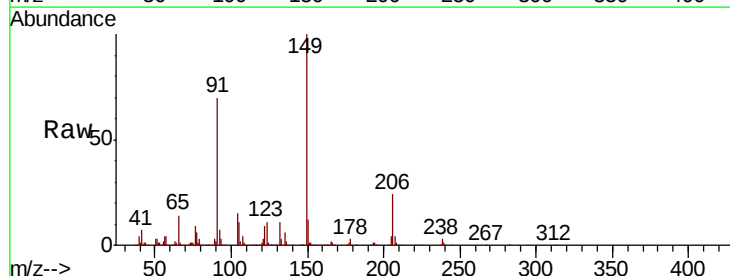
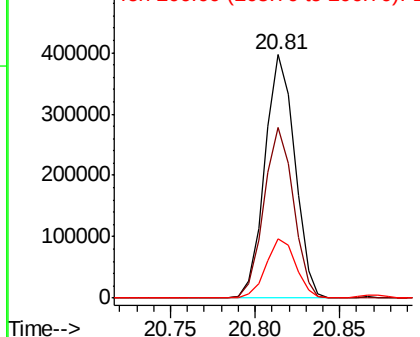
Delta R.T. -0.02 min

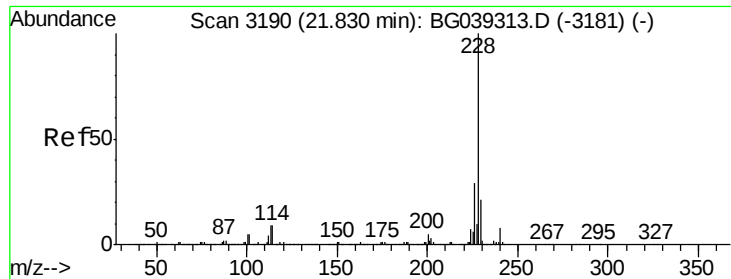
Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Tgt Ion:	149	Resp:	485152
Ion	Ratio	Lower	Upper
149	100		
91	69.9	59.5	89.3
206	24.2	18.6	27.8

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





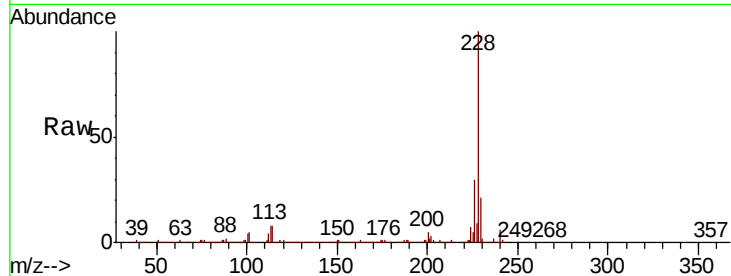
#81
Benzo(a)anthracene
Concen: 48.721 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Instrument :
BNA_G
ClientSampleId :
SU-03-020819-AMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.0	34.6
229	21.1	16.9	25.3

Manual Integrations
APPROVED

Sohil
2/12/2019 12:07:47 PM

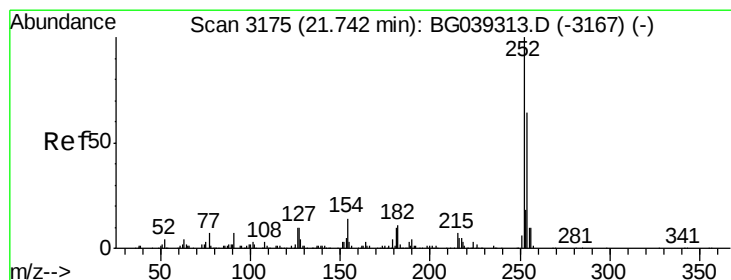
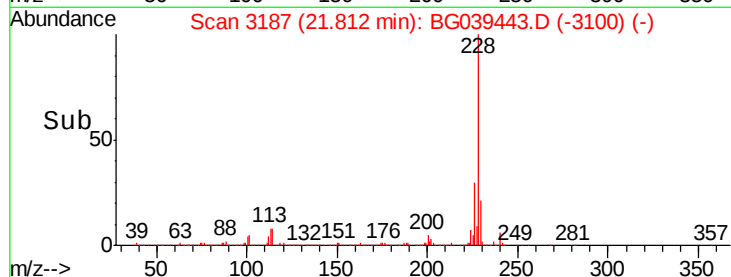
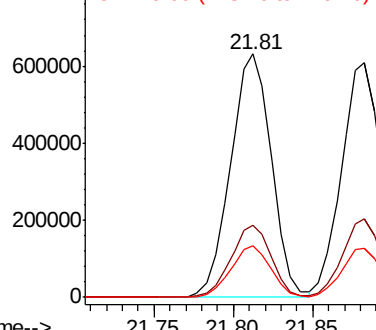


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 10.706 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.02 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

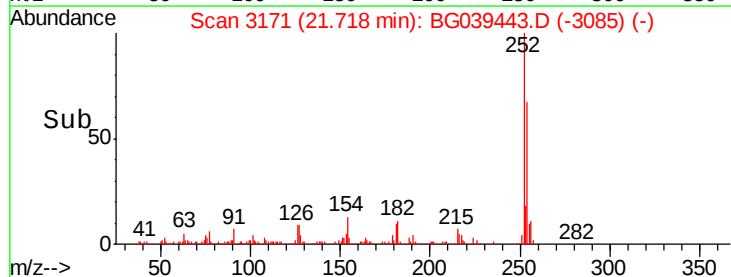
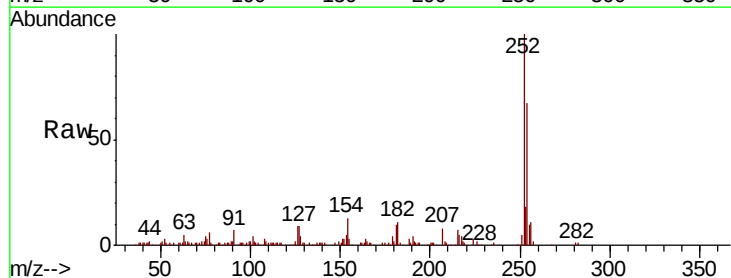
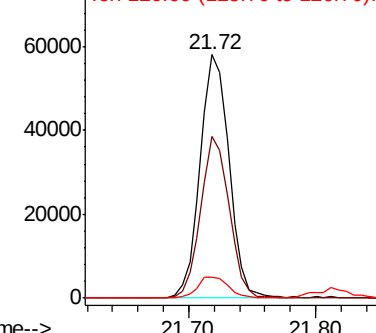
Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.5	51.3	76.9
126	8.7	8.0	12.0

Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





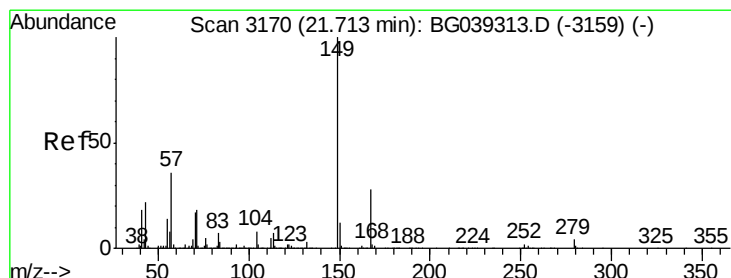
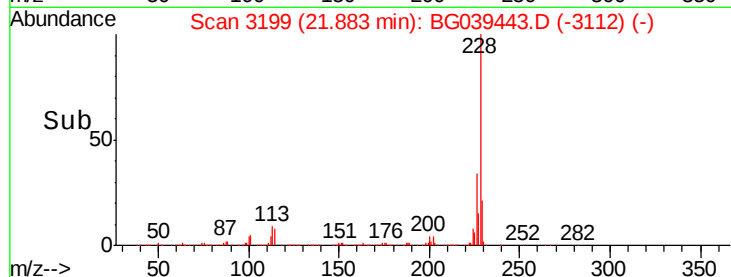
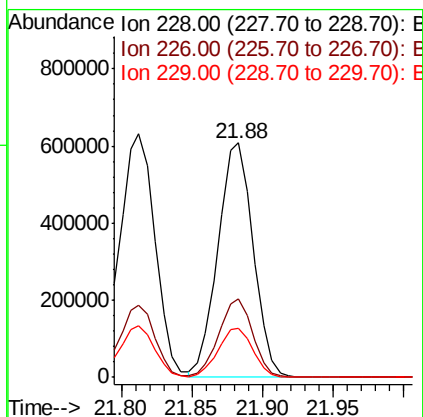
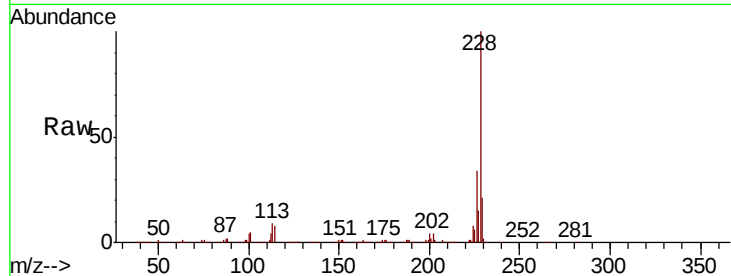
#83
 Chrysene
 Concen: 47.768 ng
 RT: 21.88 min Scan# 3199
 Delta R.T. -0.02 min
 Lab File: BG039443.D
 Acq: 11 Feb 2019 20:49

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-020819-AMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.6	25.8	38.6
229	21.0	16.6	25.0

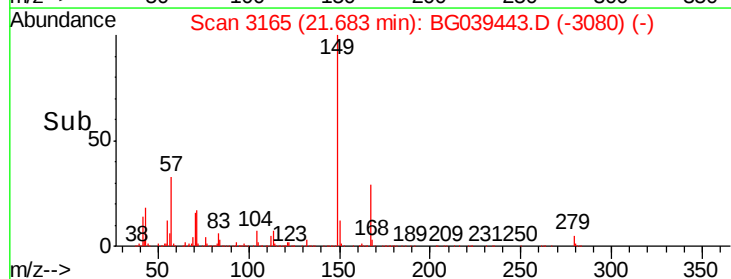
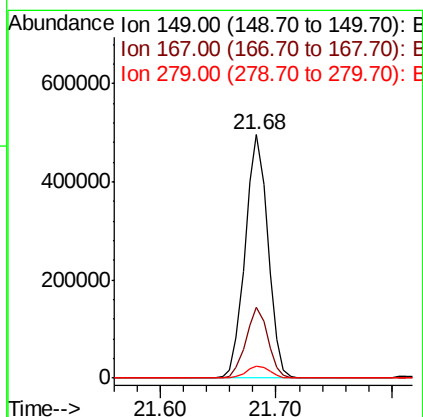
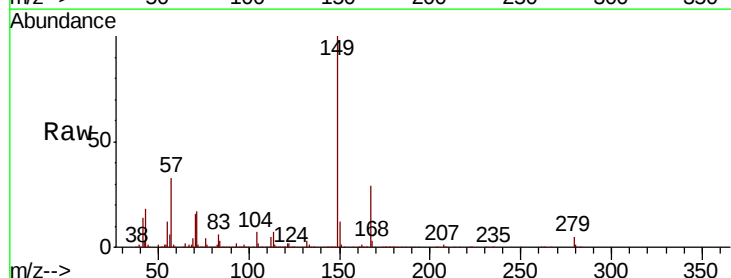
Manual Integrations
 APPROVED

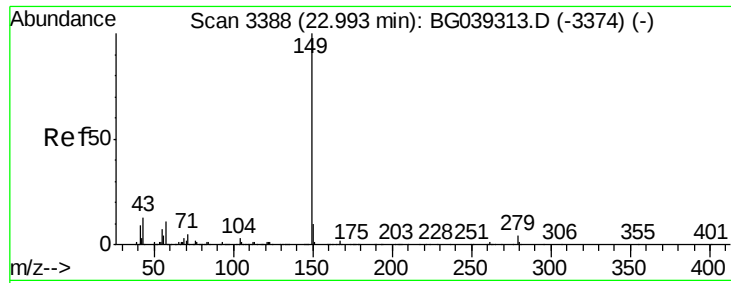
Sohil
 2/12/2019 12:07:47 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.162 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. -0.03 min
 Lab File: BG039443.D
 Acq: 11 Feb 2019 20:49

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.0	22.6	34.0
279	5.0	3.5	5.3





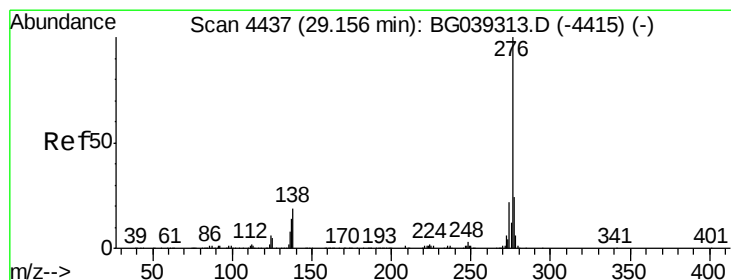
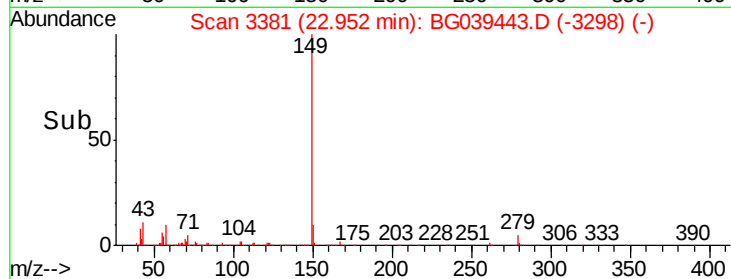
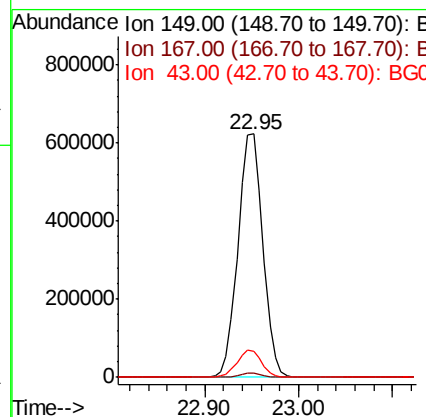
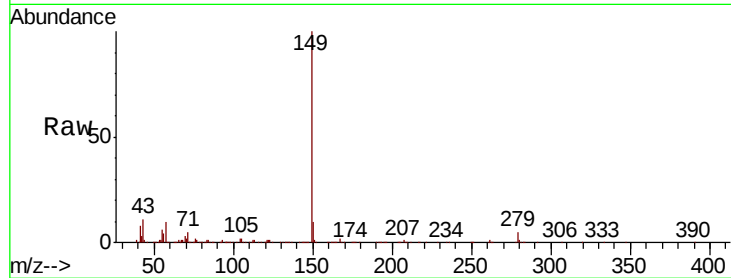
#85
Di-n-octyl phthalate
Concen: 47.080 ng
RT: 22.95 min Scan# 3381
Delta R.T. -0.04 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Instrument :
BNA_G
ClientSampleId :
SU-03-020819-AMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	10.9	10.2	15.4

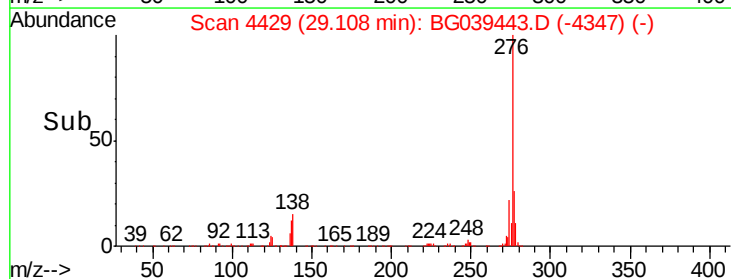
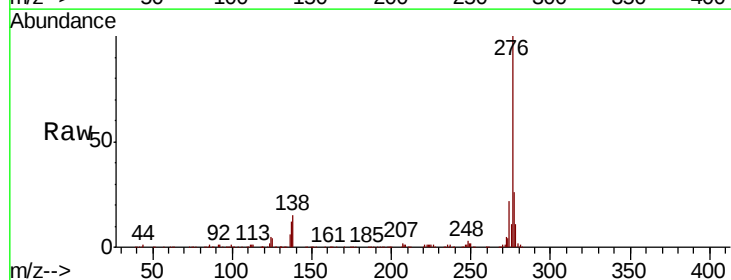
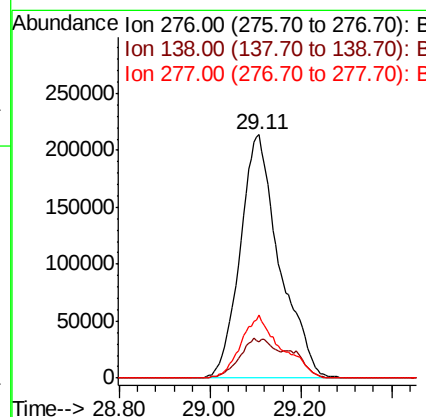
Manual Integrations
APPROVED

Sohil
2/12/2019 12:07:47 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 54.265 ng
RT: 29.11 min Scan# 4429
Delta R.T. -0.05 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.5	12.6	19.0#
277	26.3	20.8	31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.21 min Scan# 3766

Delta R.T. -0.03 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Instrument :

BNA_G

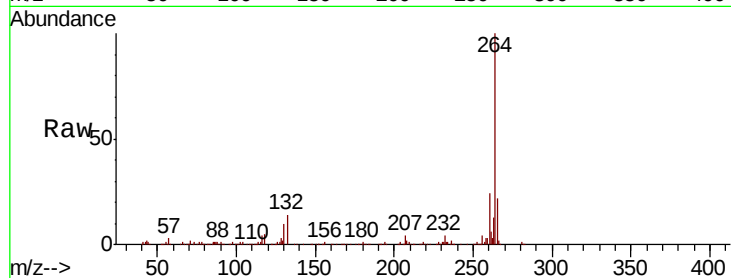
ClientSampleId :

SU-03-020819-AMSD

Tot Ion:	264	Resp:	406018
Ion Ratio	Lower	Upper	
264	100		
260	23.6	18.2	27.4
265	22.4	18.5	27.7

Manual Integrations
APPROVED

Sohil
2/12/2019 12:07:47 PM

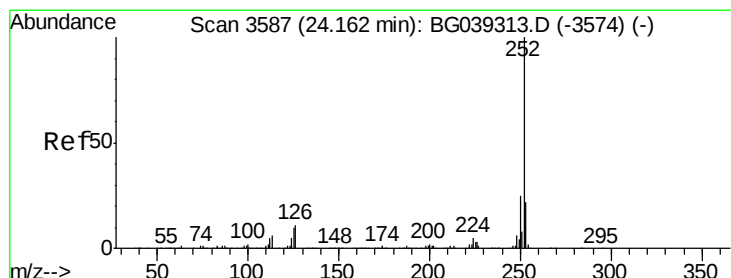
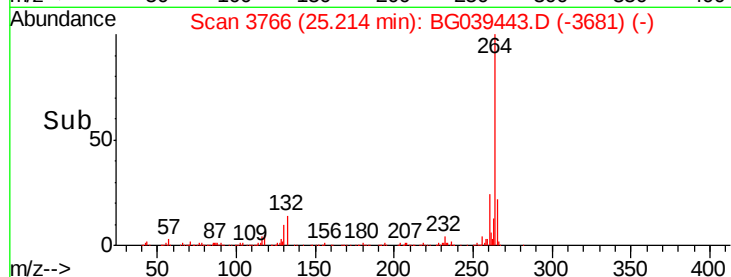
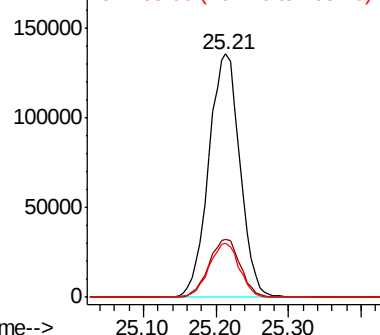


Abundance

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: 50.915 ng

RT: 24.13 min Scan# 3581

Delta R.T. -0.04 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

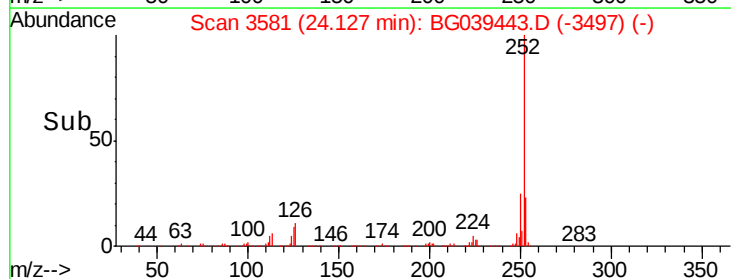
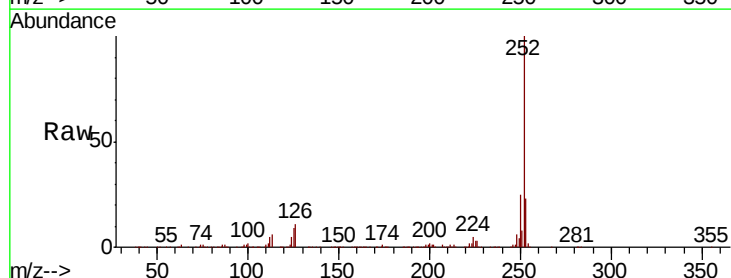
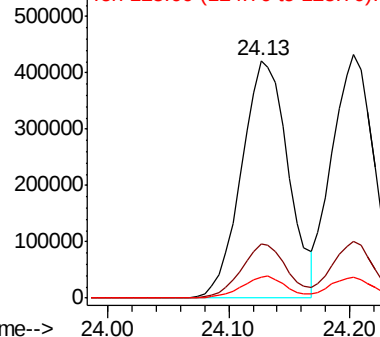
Tgt Ion:	252	Resp:	1127382
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.8	26.8
125	8.9	7.8	11.6

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





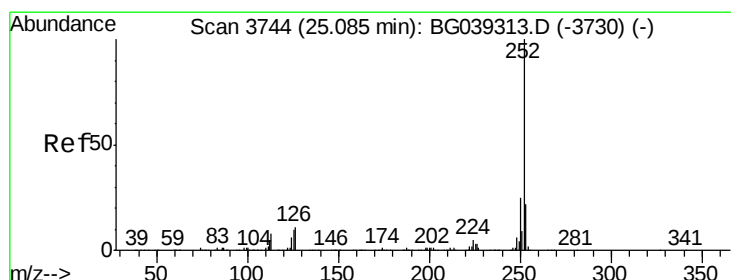
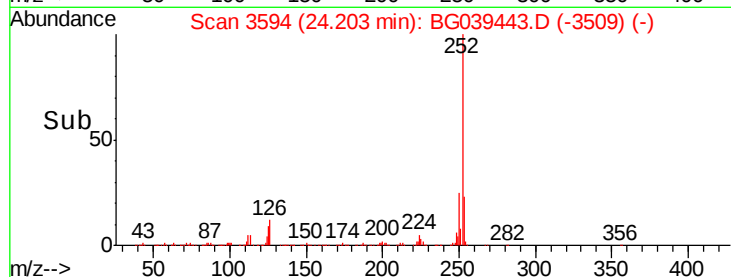
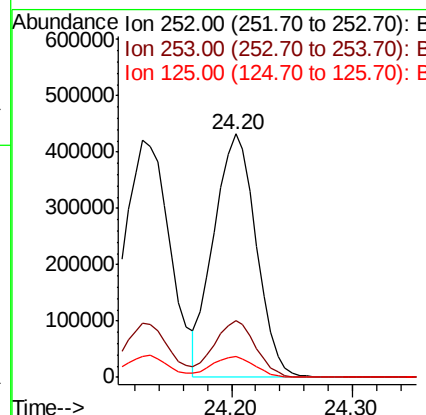
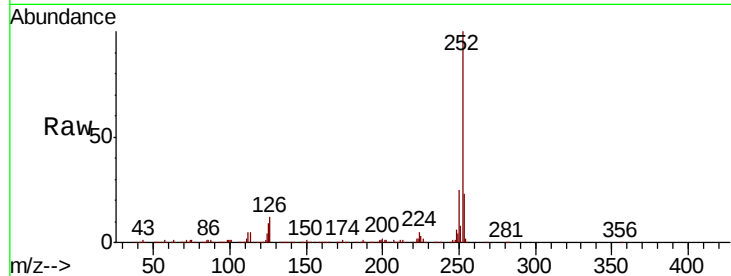
#89
Benzo(k)fluoranthene
Concen: 47.127 ng
RT: 24.20 min Scan# 3594
Delta R.T. -0.03 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Instrument :
BNA_G
ClientSampleId :
SU-03-020819-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	8.5	7.4	11.2

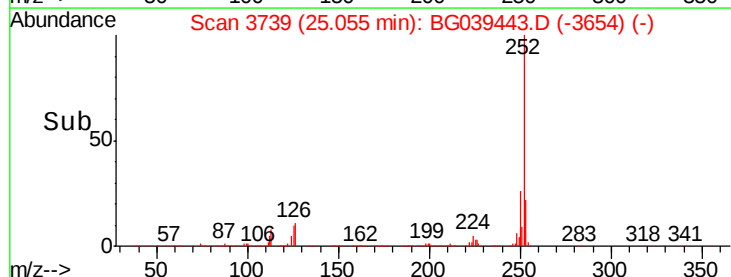
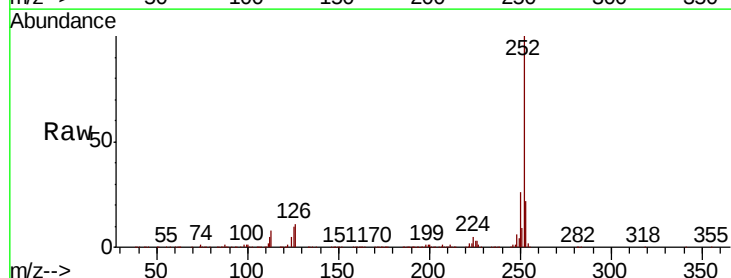
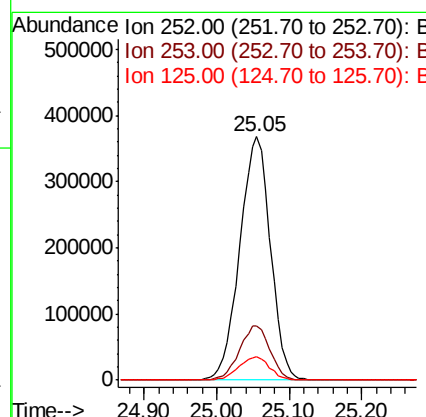
Manual Integrations
APPROVED

Sohil
2/12/2019 12:07:47 PM



#90
Benzo(a)pyrene
Concen: 50.624 ng
RT: 25.05 min Scan# 3739
Delta R.T. -0.03 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	9.9	8.3	12.5





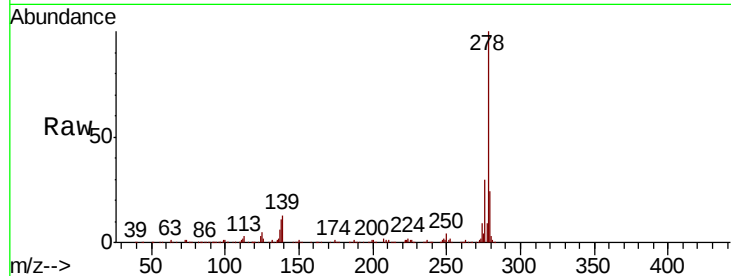
#91
Dibenzo(a,h)anthracene
Concen: 51.653 ng
RT: 29.18 min Scan# 4441
Delta R.T. -0.06 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Instrument :
BNA_G
ClientSampleId :
SU-03-020819-AMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.0	11.7	17.5
279	24.5	19.1	28.7

Manual Integrations
APPROVED

Sohil
2/12/2019 12:07:47 PM

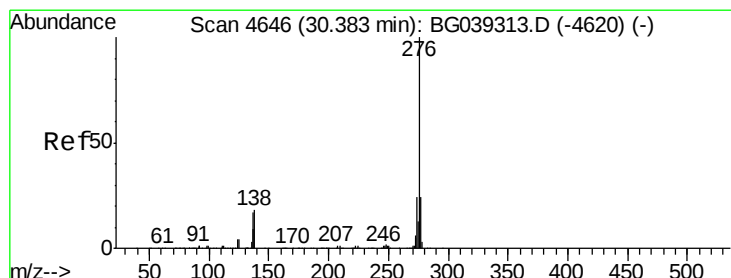
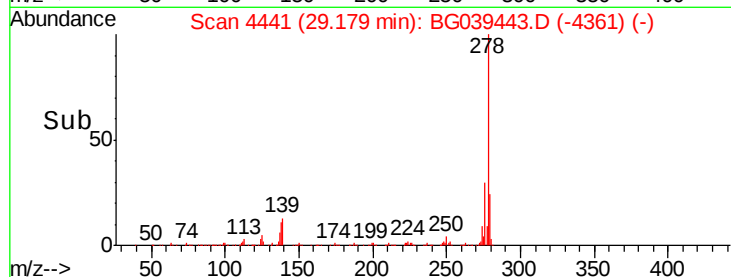
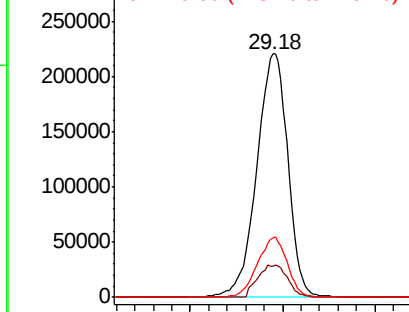


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 53.189 ng
RT: 30.34 min Scan# 4639
Delta R.T. -0.04 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.6	19.6	29.4
138	16.3	14.7	22.1

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

