

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021119\
 Data File : BG039442.D
 Acq On : 11 Feb 2019 20:10
 Operator : JU/SJ
 Sample : K1356-06MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Manual Integrations
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Sohil
 2/12/2019 12:07:44 PM

Quant Time: Feb 12 03:24:18 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	52906	20.00	ng	-0.01
21) Naphthalene-d8	11.00	136	235854	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	160744	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	388739	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	394821	20.00	ng	-0.02
87) Perylene-d12	25.21	264	407765	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	430325	139.21	ng	0.00
7) Phenol-d6	7.31	99	584813	128.53	ng	0.00
23) Nitrobenzene-d5	9.35	82	390865	103.53	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	272598	157.49	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	950761	84.85	ng	-0.01
79) Terphenyl-d14	20.13	244	1541380	82.64	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.61	88	47514	35.139	ng	# 31
3) Pyridine	4.02	79	123950	34.623	ng	93
4) n-Nitrosodimethylamine	3.93	42	72926	40.732	ng	83
6) Aniline	7.50	93	71552	12.554	ng	98
8) 2-Chlorophenol	7.73	128	168643	49.910	ng	96
9) Benzaldehyde	7.31	77	78591	32.843	ng	96
10) Phenol	7.34	94	206278	43.489	ng	98
11) bis(2-Chloroethyl)ether	7.59	93	162446	43.342	ng	94
12) 1,3-Dichlorobenzene	8.06	146	170352	41.617	ng	98
13) 1,4-Dichlorobenzene	8.21	146	174594	42.793	ng	98
14) 1,2-Dichlorobenzene	8.52	146	168767	42.729	ng	97
15) Benzyl Alcohol	8.41	79	168493	47.167	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.69	45	313585	37.050	ng	98
17) 2-Methylphenol	8.60	107	151738	49.435	ng	93
18) Hexachloroethane	9.26	117	60733	43.268	ng	97
19) n-Nitroso-di-n-propylamine	8.98	70	137789	42.666	ng	92
20) 3+4-Methylphenols	8.93	107	206201	48.784	ng	96
22) Acetophenone	9.00	105	262905	41.498	ng	# 94
24) Nitrobenzene	9.39	77	202179	49.570	ng	96
25) Isophorone	9.91	82	397644	47.530	ng	98
26) 2-Nitrophenol	10.10	139	98070	57.613	ng	95
27) 2,4-Dimethylphenol	10.14	122	180344	53.288	ng	98
28) bis(2-Chloroethoxy)methane	10.39	93	238147	46.214	ng	94
29) 2,4-Dichlorophenol	10.63	162	191744	51.839	ng	96
30) 1,2,4-Trichlorobenzene	10.85	180	183261	44.130	ng	100
31) Naphthalene	11.04	128	540320	46.179	ng	99
32) Benzoic acid	10.27	122	110260	49.424	ng	94
33) 4-Chloroaniline	11.15	127	11456	2.112	ng	# 90
34) Hexachlorobutadiene	11.31	225	118111	42.768	ng	93
35) Caprolactam	11.93	113	53384m	34.878	ng	
36) 4-Chloro-3-methylphenol	12.25	107	208119	48.652	ng	96
37) 2-Methylnaphthalene	12.64	142	417422	48.167	ng	97
38) 1-Methylnaphthalene	12.85	142	400744	47.972	ng	99
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	228939	44.764	ng	99

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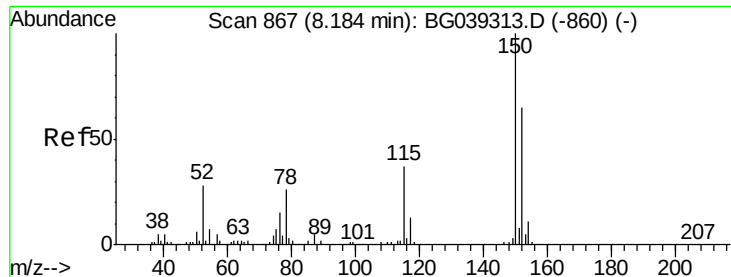
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	287079	103.009	nq	99
43) 2,4,6-Trichlorophenol	13.23	196	165000	52.471	nq	99
44) 2,4,5-Trichlorophenol	13.30	196	177387	53.822	nq	97
46) 1,1'-Biphenyl	13.64	154	569543	42.585	nq	99
47) 2-Chloronaphthalene	13.68	162	442021	43.933	nq	98
48) 2-Nitroaniline	13.89	65	149168	50.987	nq	92
49) Acenaphthylene	14.52	152	715720	47.144	nq	99
50) Dimethylphthalate	14.25	163	594733	45.811	nq	100
51) 2,6-Dinitrotoluene	14.37	165	134128	54.285	nq	93
52) Acenaphthene	14.86	154	438980	44.546	nq	96
53) 3-Nitroaniline	14.70	138	21671	13.071	nq	# 85
54) 2,4-Dinitrophenol	14.90	184	152529	116.333	nq	94
55) Dibenzofuran	15.19	168	715474	45.282	nq	98
56) 4-Nitrophenol	14.99	139	219015	92.341	nq	90
57) 2,4-Dinitrotoluene	15.16	165	186482	58.044	nq	88
58) Fluorene	15.84	166	564076	47.890	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.41	232	175805	56.970	nq	97
60) Diethylphthalate	15.60	149	603536	44.964	nq	98
61) 4-Chlorophenyl-phenylether	15.83	204	298807	44.803	nq	97
62) 4-Nitroaniline	15.87	138	126689	46.665	nq	93
63) Azobenzene	16.12	77	538305	41.031	nq	96
65) 4,6-Dinitro-2-methylphenol	15.91	198	106429	62.218	nq	95
66) n-Nitrosodiphenylamine	16.04	169	521103	44.086	nq	98
67) 4-Bromophenyl-phenylether	16.72	248	198869	46.113	nq	97
68) Hexachlorobenzene	16.83	284	204691	47.307	nq	96
69) Atrazine	16.98	200	209070	48.400	nq	97
70) Pentachlorophenol	17.18	266	269594	89.648	nq	98
71) Phenanthrene	17.58	178	943137	46.876	nq	98
72) Anthracene	17.68	178	955023	48.189	nq	99
73) Carbazole	17.94	167	850784	43.016	nq	100
74) Di-n-butylphthalate	18.48	149	1022152	44.299	nq	100
75) Fluoranthene	19.59	202	1117802	47.865	nq	99
77) Benzidine	19.76	184	128108	9.897	nq	98
78) Pyrene	19.94	202	1125036	45.773	nq	98
80) Butylbenzylphthalate	20.81	149	481515	46.442	nq	95
81) Benzo(a)anthracene	21.81	228	1115206	47.802	nq	99
82) 3,3'-Dichlorobenzidine	21.72	252	97224	11.239	nq	100
83) Chrysene	21.88	228	1045535	47.078	nq	99
84) Bis(2-ethylhexyl)phthalate	21.68	149	675232	45.649	nq	98
85) Di-n-octyl phthalate	22.95	149	1159561	47.450	nq	96
86) Indeno(1,2,3-cd)pyrene	29.10	276	1274242	53.477	nq	99
88) Benzo(b)fluoranthene	24.13	252	1097985	49.375	nq	96
89) Benzo(k)fluoranthene	24.20	252	1072326	48.030	nq	99
90) Benzo(a)pyrene	25.06	252	1082713	50.555	nq	99
91) Dibenzo(a,h)anthracene	29.17	278	1029249	51.317	nq	100
92) Benzo(g,h,i)perylene	30.33	276	1053119	52.680	nq	97

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



#1

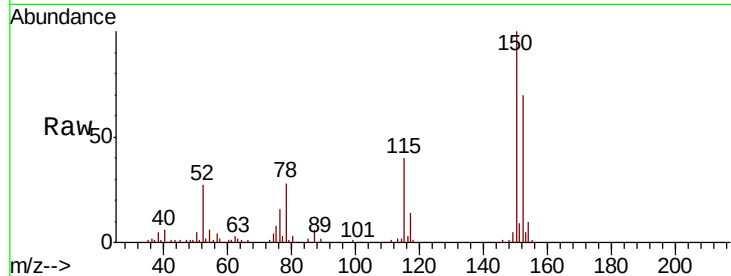
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039442.D
Acq: 11 Feb 2019 20:10

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.7	123.7	185.5
115	57.3	45.9	68.9

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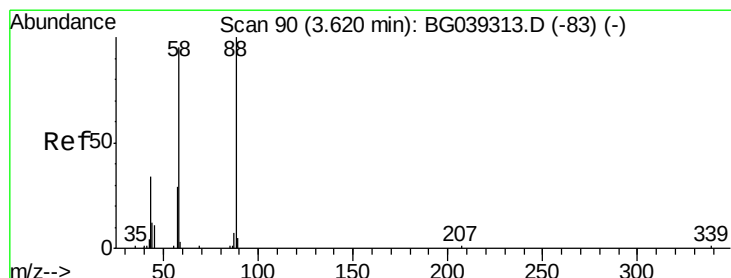
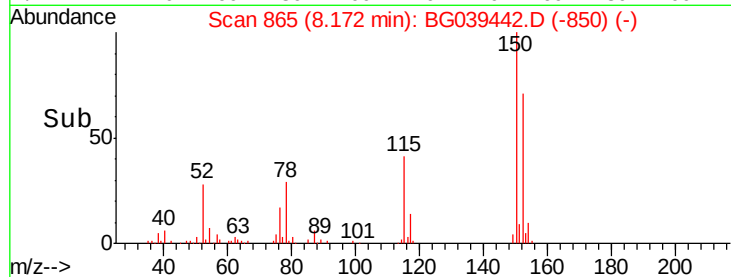
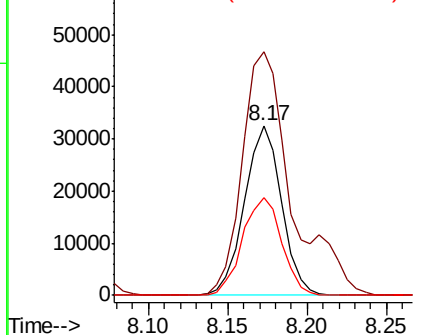


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

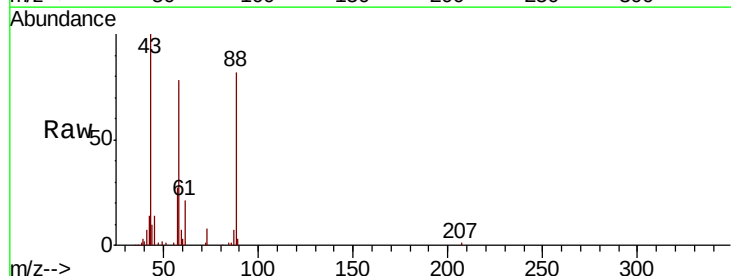
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.139 ng
RT: 3.61 min Scan# 89
Delta R.T. -0.01 min
Lab File: BG039442.D
Acq: 11 Feb 2019 20:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.2	81.1	121.7
43	178.6	31.4	47.0#

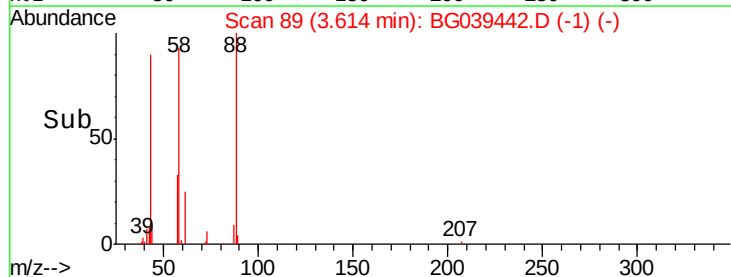
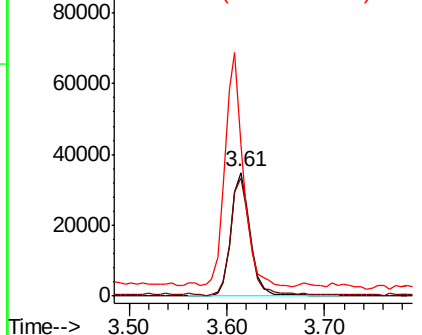


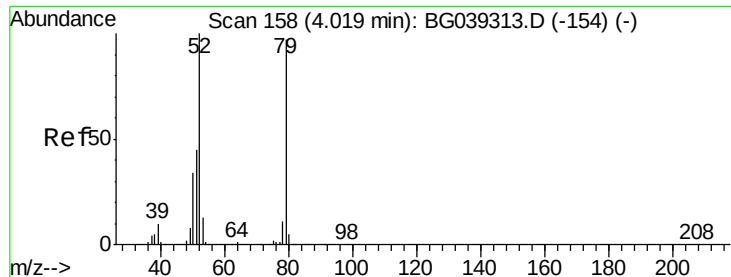
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 34.623 ng

RT: 4.02 min Scan# 158

Delta R.T. -0.00 min

Lab File: BG039442.D

Acq: 11 Feb 2019 20:10

Instrument :

BNA_G

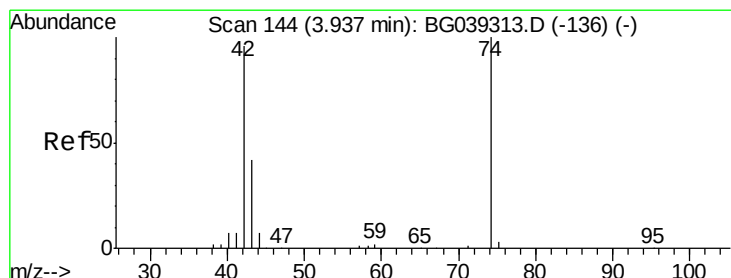
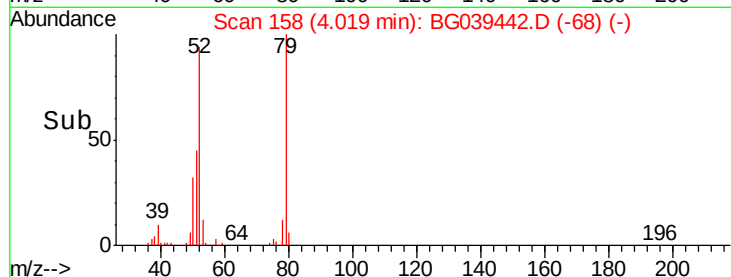
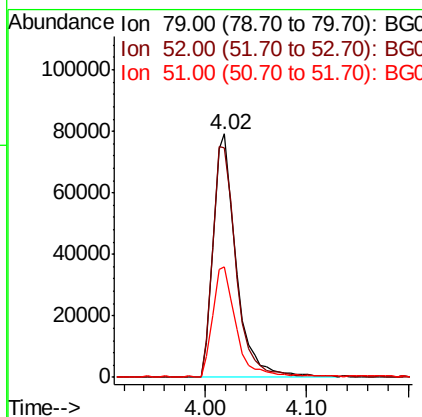
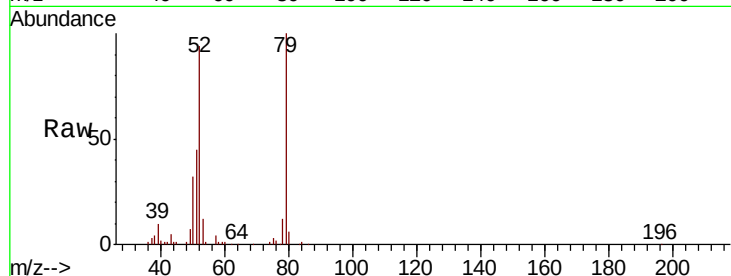
ClientSampleId :

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Tot Ion:	79	Resp:	123950
Ion	Ratio	Lower	Upper
79	100		
52	94.4	82.6	124.0
51	45.3	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 40.732 ng

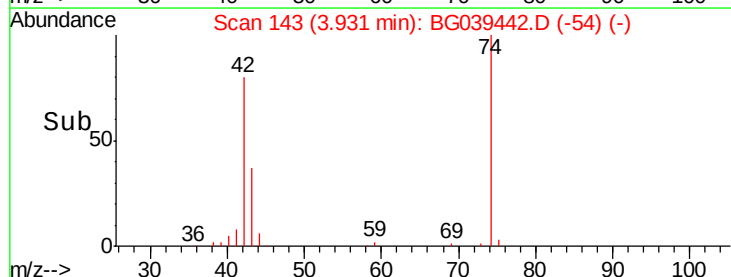
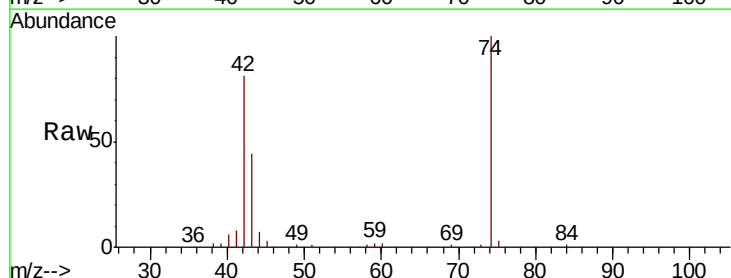
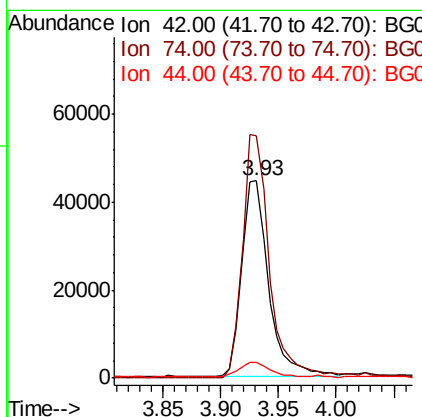
RT: 3.93 min Scan# 143

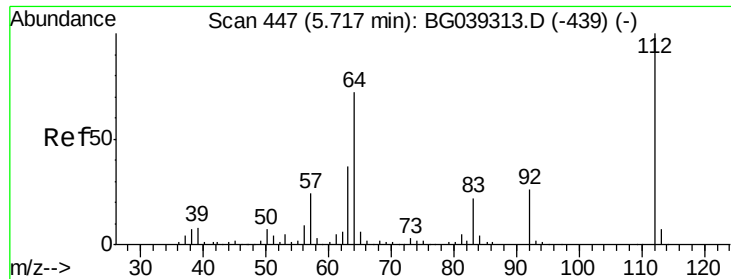
Delta R.T. -0.01 min

Lab File: BG039442.D

Acq: 11 Feb 2019 20:10

Tgt Ion:	42	Resp:	72926
Ion	Ratio	Lower	Upper
42	100		
74	123.0	83.6	125.4
44	8.2	6.9	10.3





#5

2-Fluorophenol

Concen: 139.210 ng

RT: 5.71 min Scan# 446

Delta R.T. -0.01 min

Lab File: BG039442.D

Acq: 11 Feb 2019 20:10

Instrument :

BNA_G

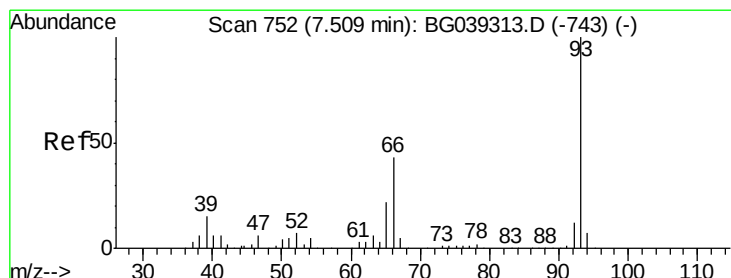
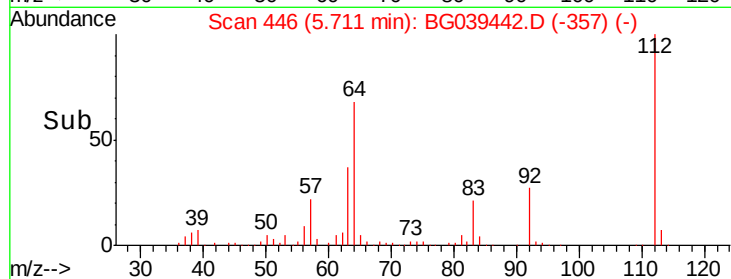
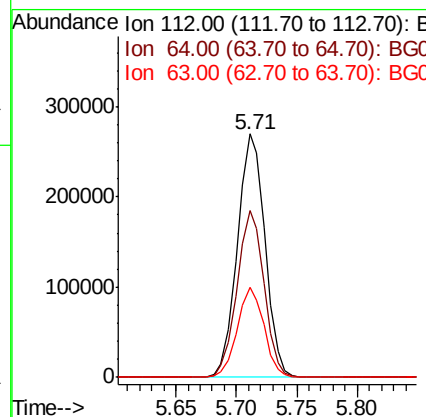
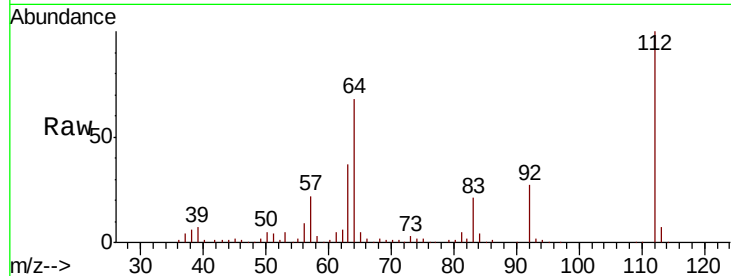
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Tot Ion:	112	Resp:	430325
Ion Ratio	Lower	Upper	
112	100		
64	68.3	57.8	86.8
63	36.9	29.8	44.6

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#6

Aniline

Concen: 12.554 ng

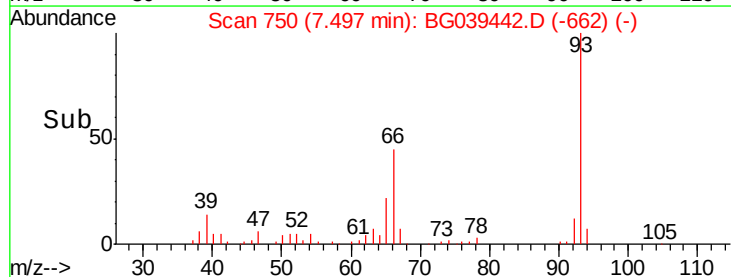
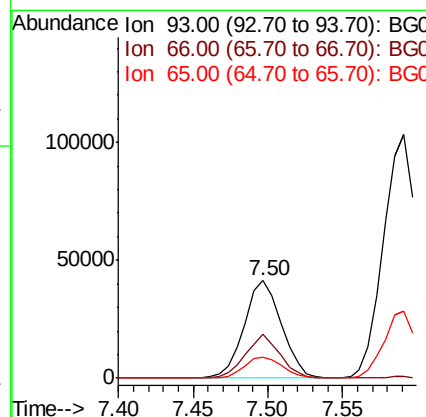
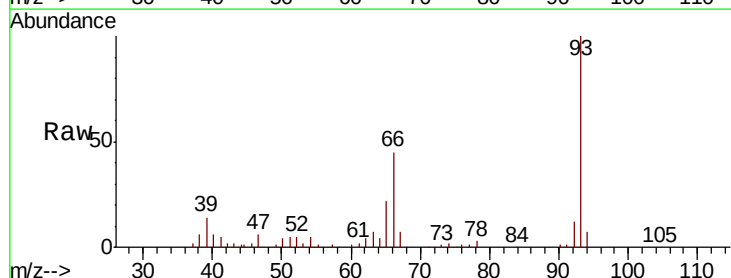
RT: 7.50 min Scan# 750

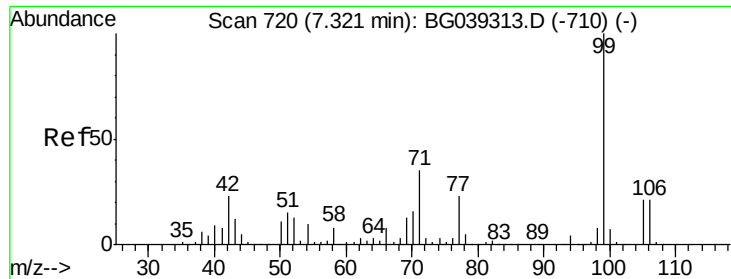
Delta R.T. -0.01 min

Lab File: BG039442.D

Acq: 11 Feb 2019 20:10

Tgt Ion:	93	Resp:	71552
Ion Ratio	Lower	Upper	
93	100		
66	44.8	34.2	51.4
65	21.8	17.7	26.5





#7

Phenol-d6

Concen: 128.526 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039442.D

Acq: 11 Feb 2019 20:10

Instrument :

BNA_G

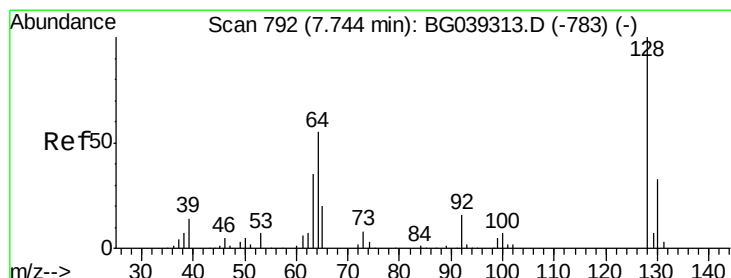
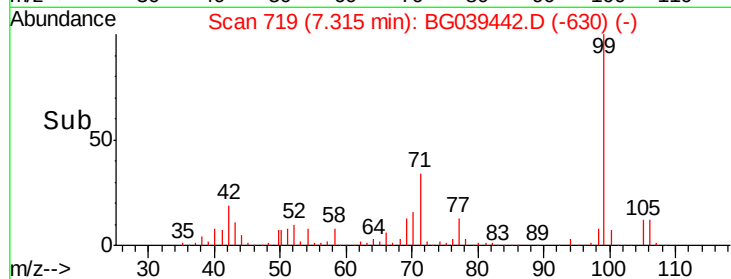
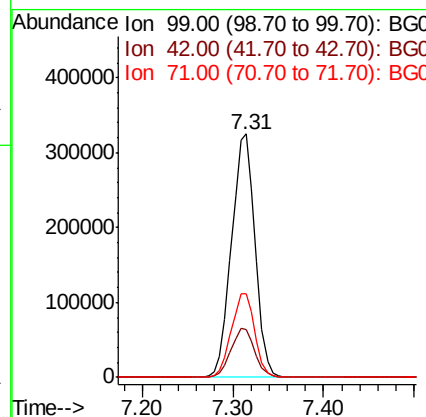
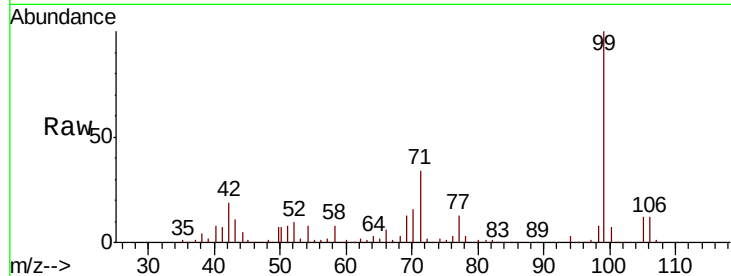
ClientSampleId :

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Tot Ion:	99	Resp:	584813
Ion Ratio	Lower	Upper	
99	100		
42	19.4	18.2	27.2
71	34.3	28.0	42.0

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#8

2-Chlorophenol

Concen: 49.910 ng

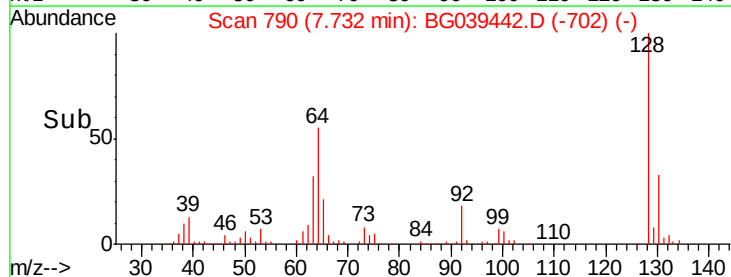
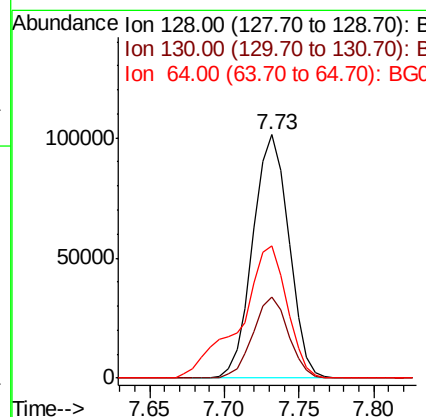
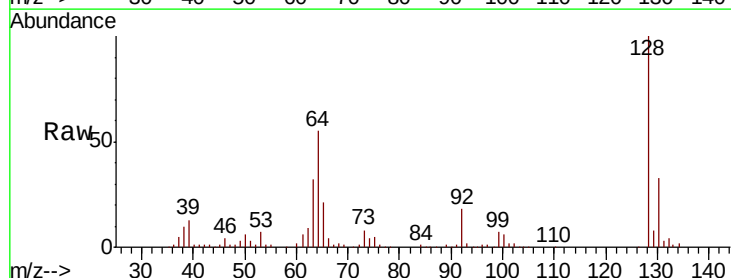
RT: 7.73 min Scan# 790

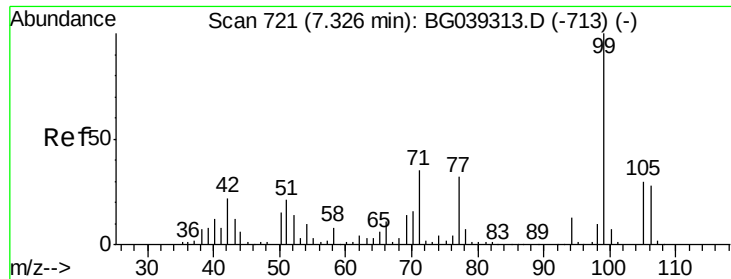
Delta R.T. -0.01 min

Lab File: BG039442.D

Acq: 11 Feb 2019 20:10

Tgt Ion:	128	Resp:	168643
Ion Ratio	Lower	Upper	
128	100		
130	33.4	12.9	52.9
64	54.6	38.7	78.7





#9

Benzaldehyde

Concen: 32.843 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BG039442.D

Acq: 11 Feb 2019 20:10

Instrument :

BNA_G

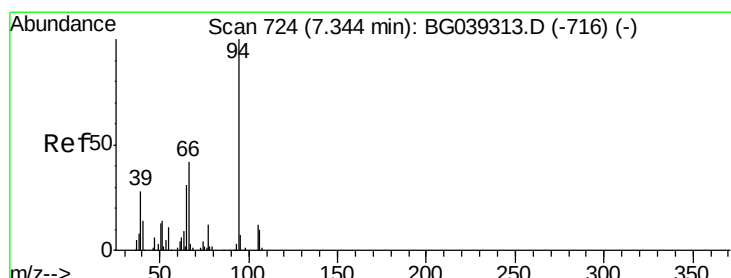
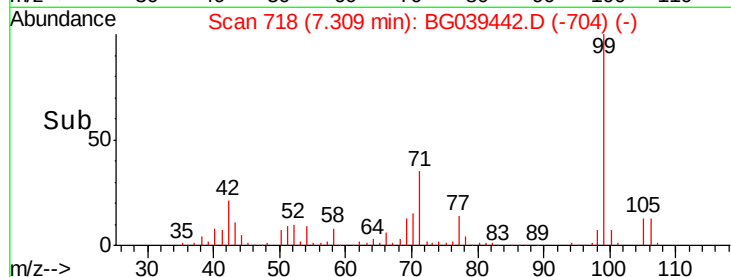
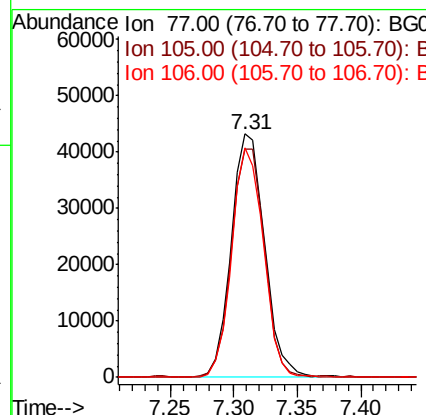
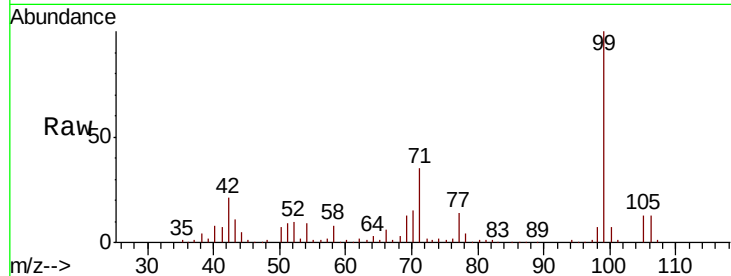
ClientSampleId :

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Tot Ion:	77	Resp:	78591
Ion	Ratio	Lower	Upper
77	100		
105	93.9	74.5	114.5
106	94.3	68.0	108.0

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#10

Phenol

Concen: 43.489 ng

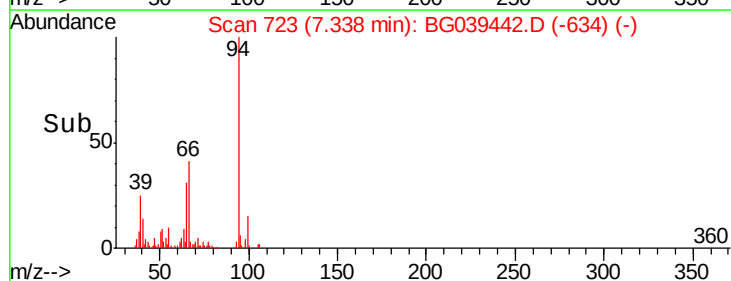
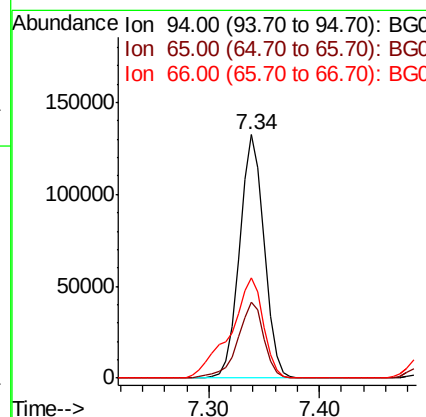
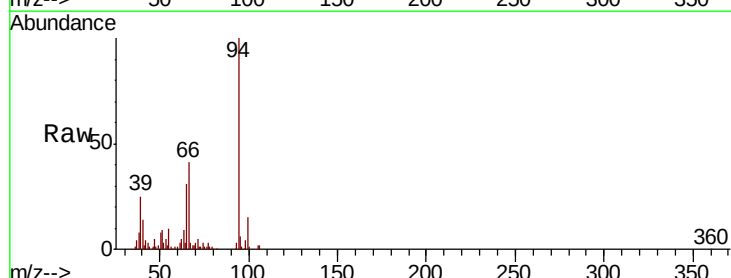
RT: 7.34 min Scan# 723

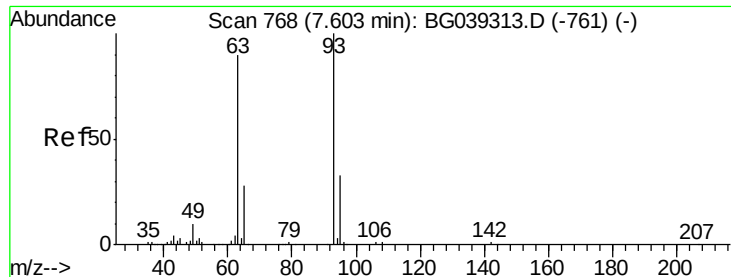
Delta R.T. -0.01 min

Lab File: BG039442.D

Acq: 11 Feb 2019 20:10

Tgt Ion:	94	Resp:	206278
Ion	Ratio	Lower	Upper
94	100		
65	31.4	11.7	51.7
66	41.2	23.7	63.7





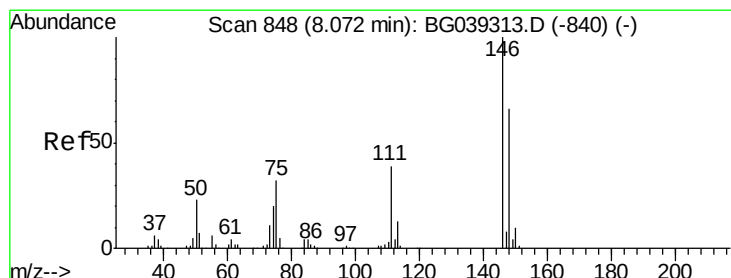
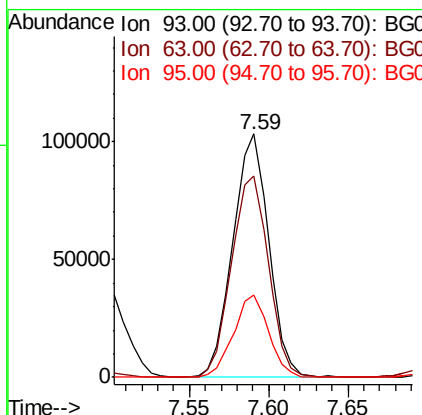
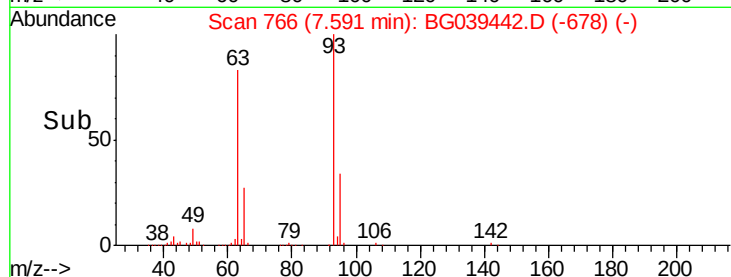
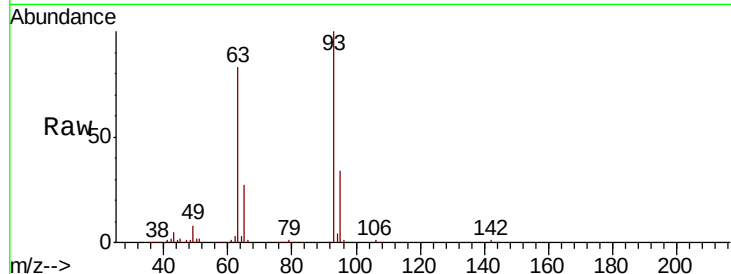
#11
bis(2-Chloroethyl)ether
Concen: 43.342 ng
RT: 7.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BG039442.D
Acq: 11 Feb 2019 20:10

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

Tot Ion:	93	Resp:	162446
Ion Ratio	Lower	Upper	
93	100		
63	82.9	69.5	109.5
95	33.6	12.7	52.7

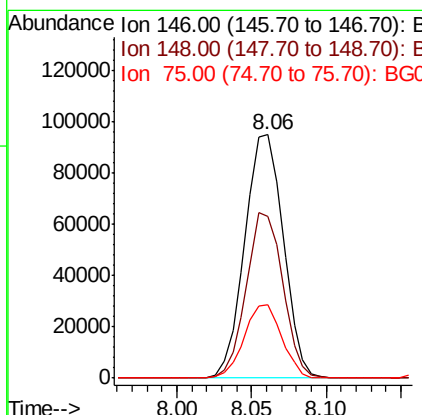
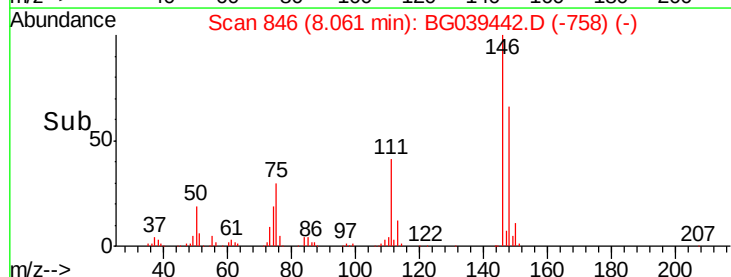
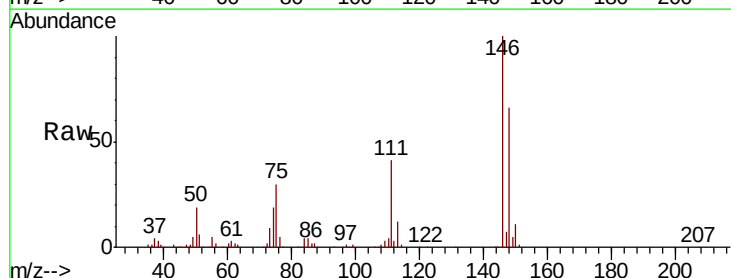
Manual Integrations
APPROVED

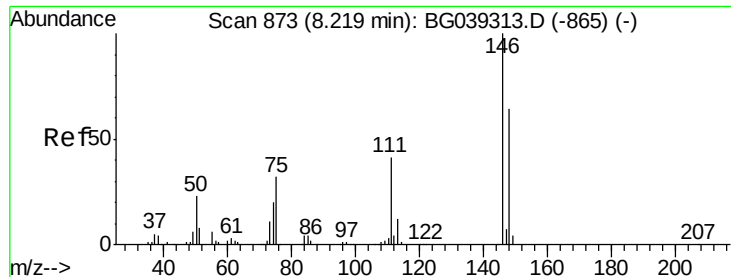
Sohil
2/12/2019 12:07:44 PM



#12
1,3-Dichlorobenzene
Concen: 41.617 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BG039442.D
Acq: 11 Feb 2019 20:10

Tgt Ion:	146	Resp:	170352
Ion Ratio	Lower	Upper	
146	100		
148	66.2	52.6	79.0
75	30.0	25.8	38.6





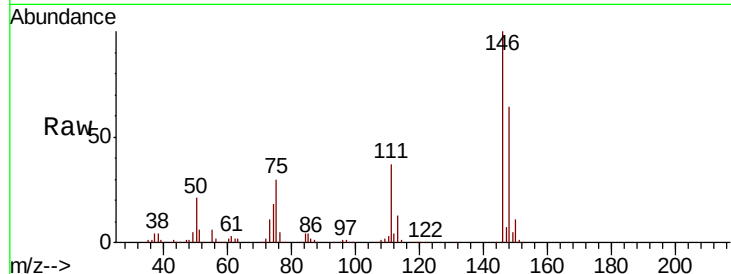
#13
 1,4-Dichlorobenzene
 Concen: 42.793 ng
 RT: 8.21 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: BG039442.D
 Acq: 11 Feb 2019 20:10

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.1	76.7
111	37.2	32.6	48.8

Manual Integrations
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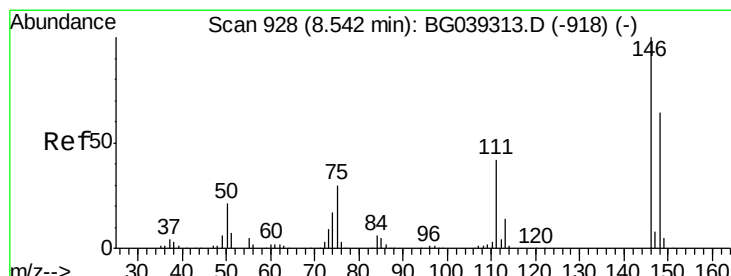
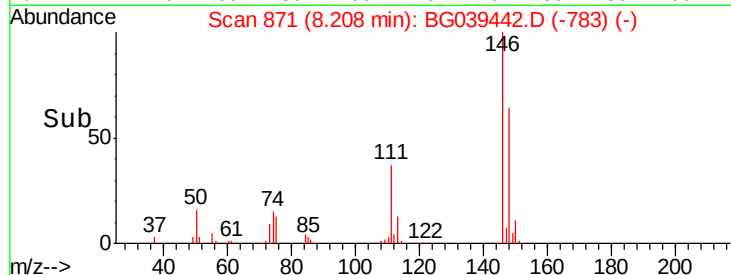
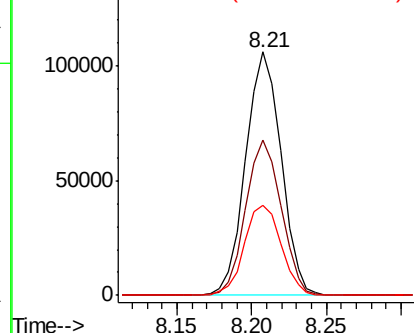


Abundance

Ion 146.00 (145.70 to 146.70): E

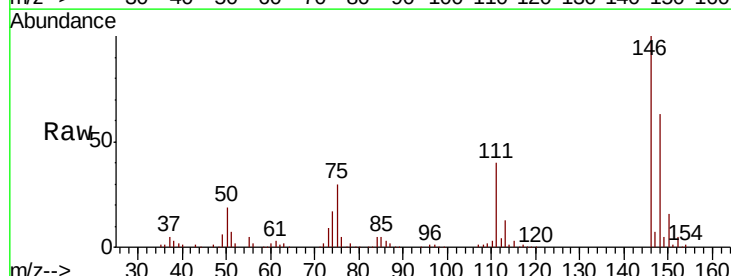
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 42.729 ng
 RT: 8.52 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BG039442.D
 Acq: 11 Feb 2019 20:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	51.5	77.3
111	40.2	33.8	50.6

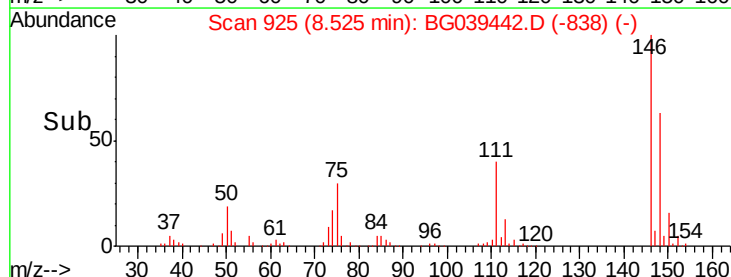
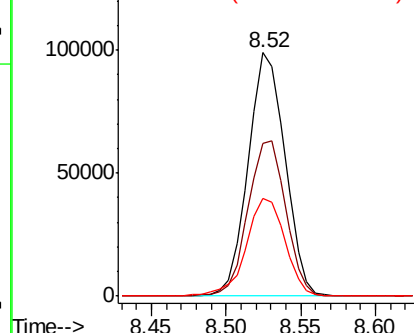


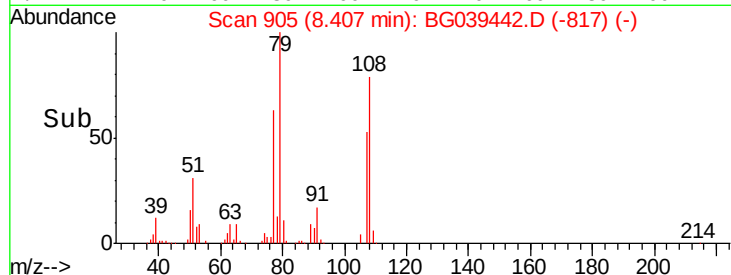
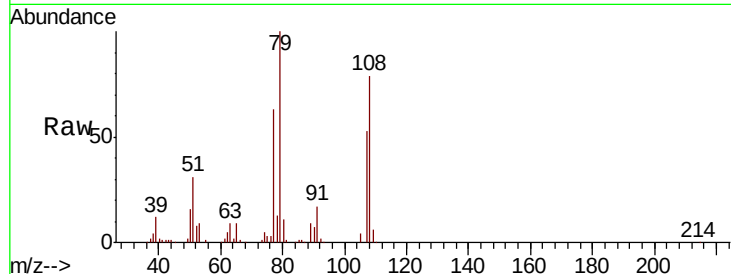
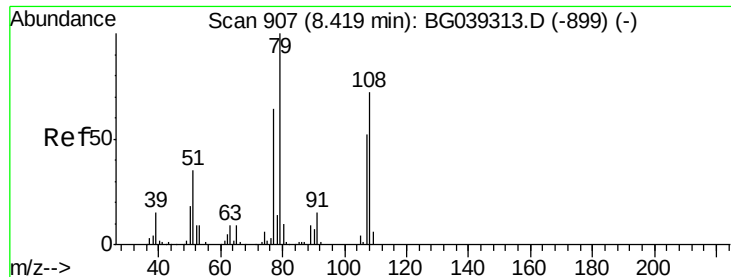
Abundance

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





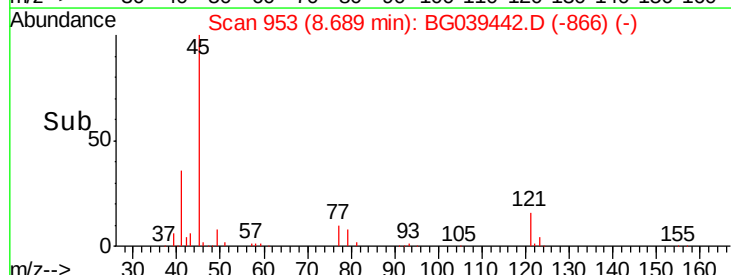
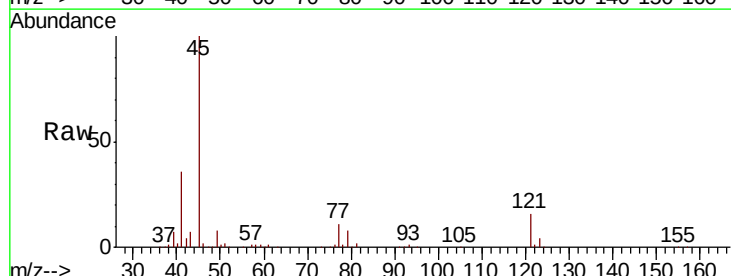
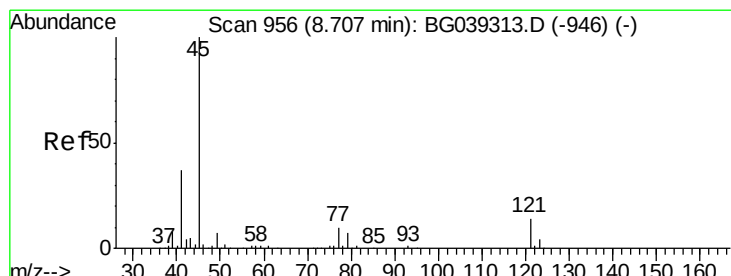
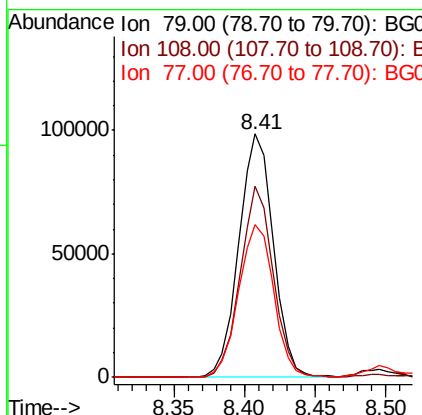
#15
Benzyl Alcohol
Concen: 47.167 ng
RT: 8.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BG039442.D
Acq: 11 Feb 2019 20:10

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.6	57.8	86.6
77	62.8	51.1	76.7

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

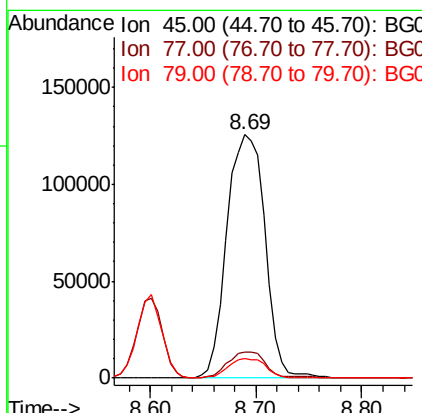
Manual Integrations
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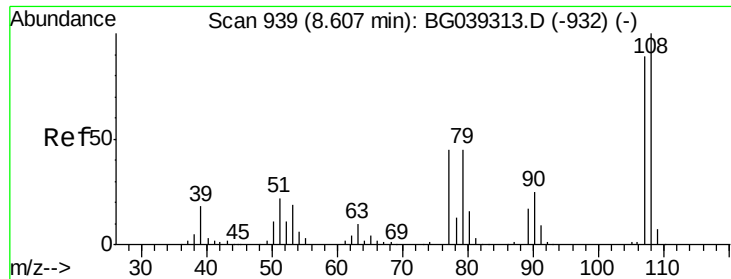
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.050 ng
RT: 8.69 min Scan# 953
Delta R.T. -0.02 min
Lab File: BG039442.D
Acq: 11 Feb 2019 20:10

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.6	0.0	30.0
79	8.1	0.0	27.5





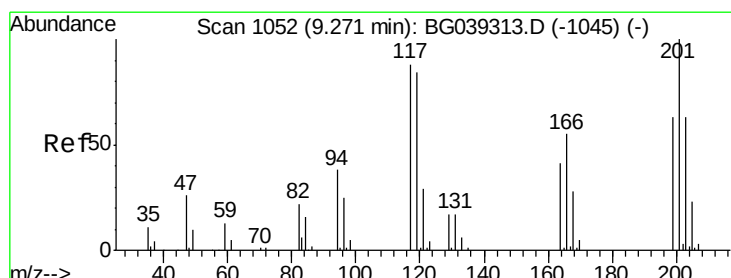
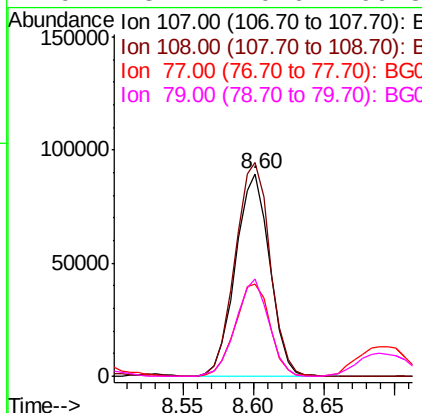
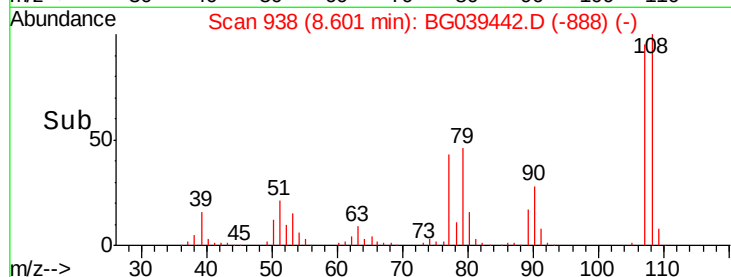
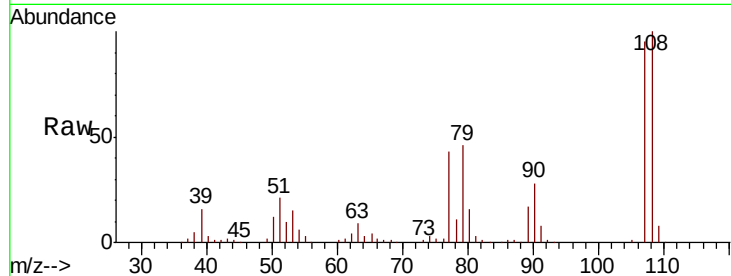
#17
2-Methylphenol
Concen: 49.435 ng
RT: 8.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BG039442.D
Acq: 11 Feb 2019 20:10

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

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	105.5	90.8	136.2	
77	45.7	40.7	61.1	
79	48.1	40.6	60.8	

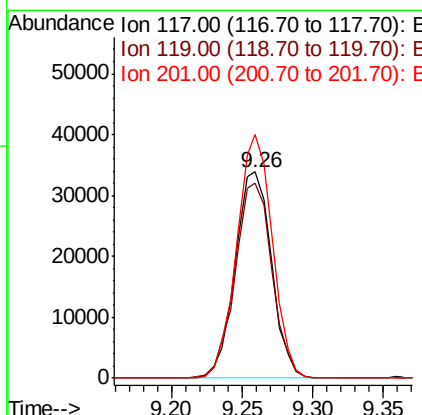
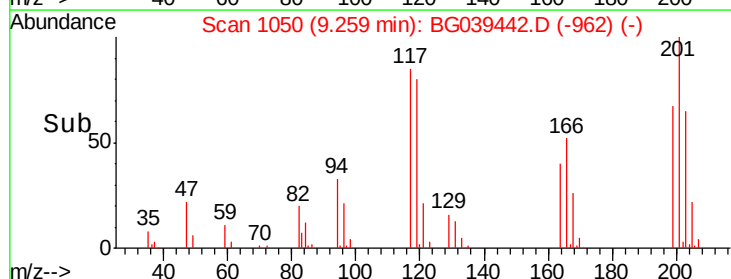
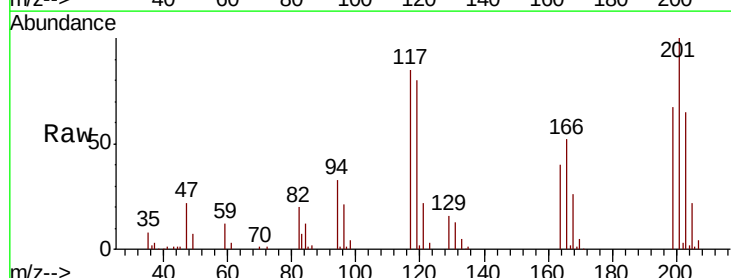
Manual Integrations
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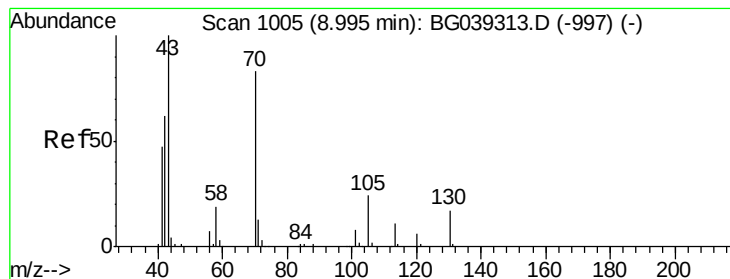
Sohil
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#18
Hexachloroethane
Concen: 43.268 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BG039442.D
Acq: 11 Feb 2019 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.3	76.3	114.5	
201	118.1	91.1	136.7	





#19

n-Nitroso-di-n-propylamine

Concen: 42.666 ng

RT: 8.98 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BG039442.D

Acq: 11 Feb 2019 20:10

Instrument :

BNA_G

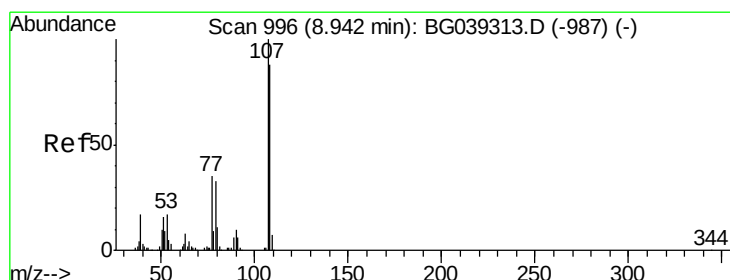
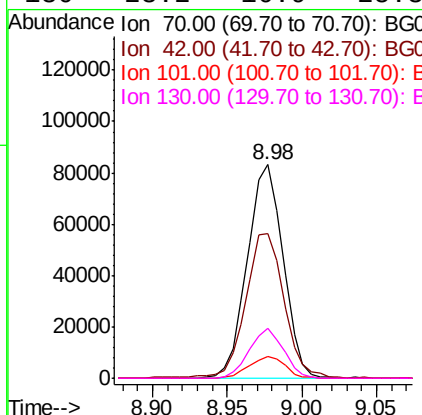
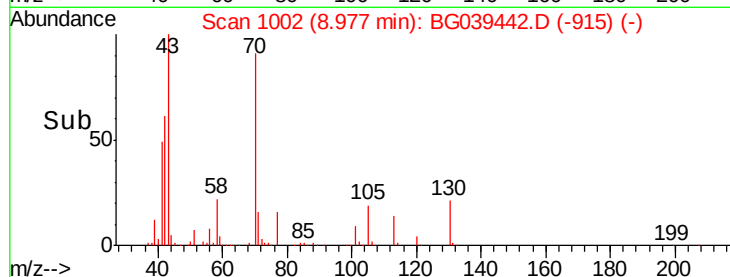
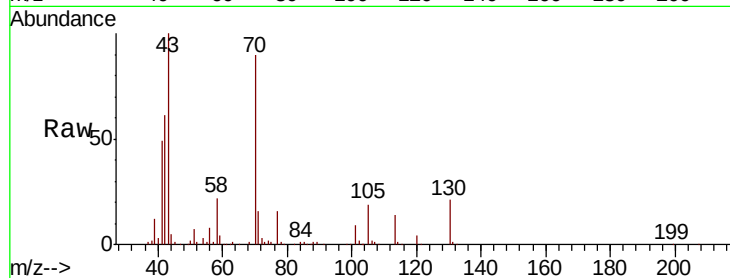
ClientSampleId :

SU-03-020819-AMS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	67.8	60.4	90.6	
101	10.3	7.5	11.3	
130	23.2	16.9	25.3	

Manual Integrations
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#20

3+4-Methylphenols

Concen: 48.784 ng

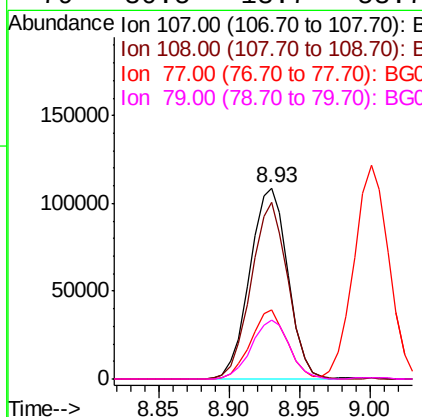
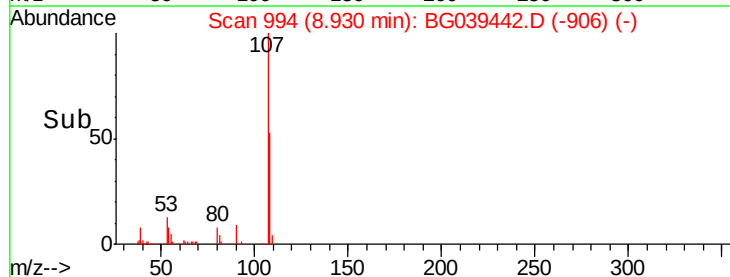
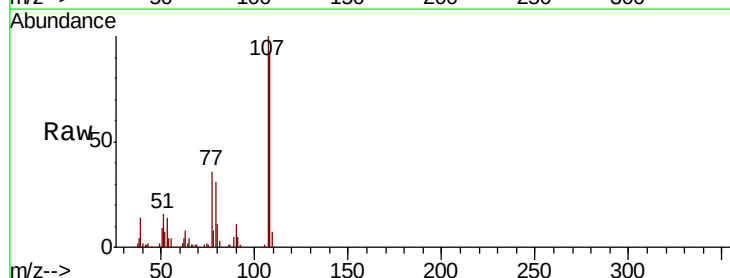
RT: 8.93 min Scan# 994

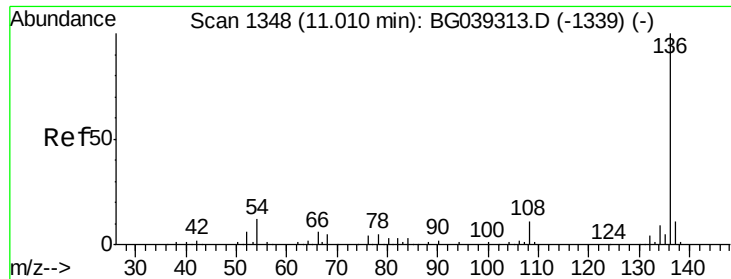
Delta R.T. -0.01 min

Lab File: BG039442.D

Acq: 11 Feb 2019 20:10

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.4	67.9	107.9	
77	35.8	15.4	55.4	
79	30.5	13.7	53.7	





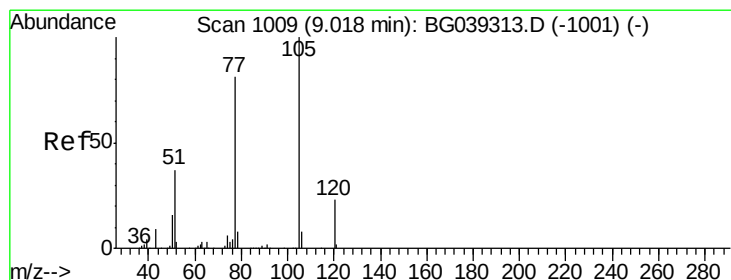
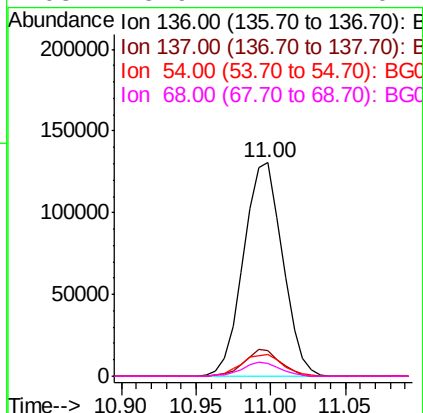
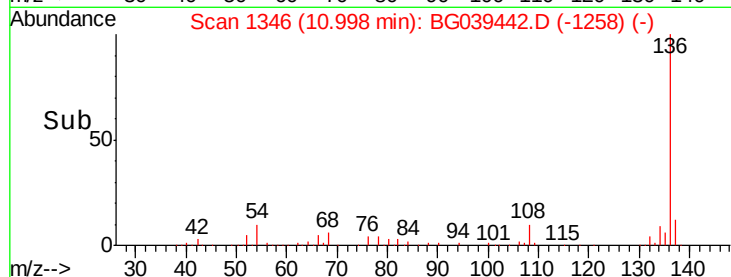
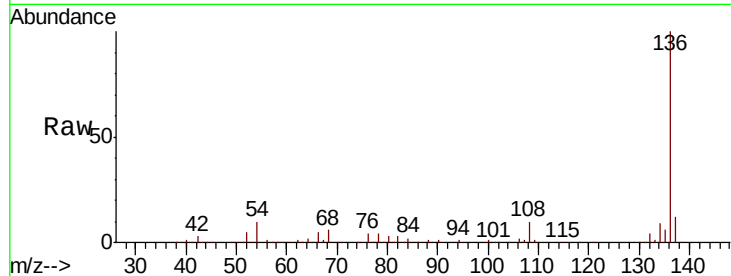
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG039442.D
Acq: 11 Feb 2019 20:10

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	12.1	9.1	13.7	
54	10.3	9.4	14.2	
68	5.9	4.2	6.4	

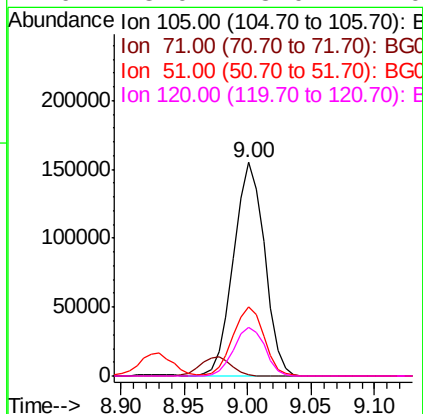
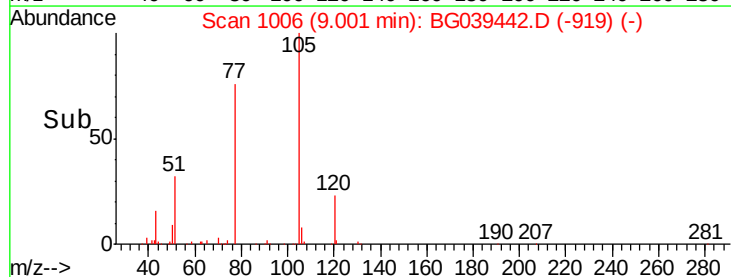
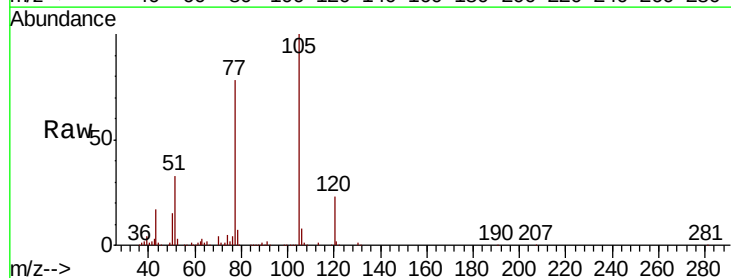
Manual Integrations
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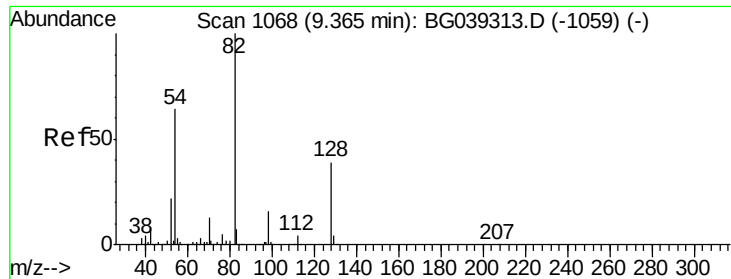
Sohil
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#22
Acetophenone
Concen: 41.498 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BG039442.D
Acq: 11 Feb 2019 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.6	0.8	1.2#	
51	32.7	30.2	45.2	
120	23.0	18.0	27.0	





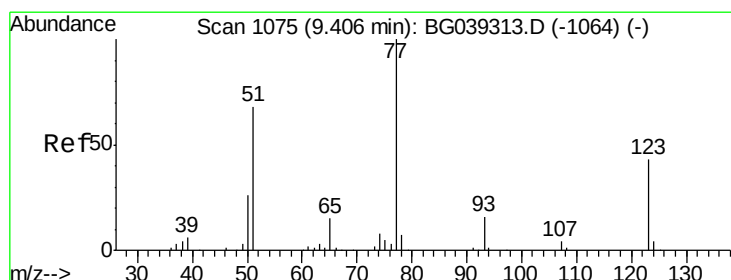
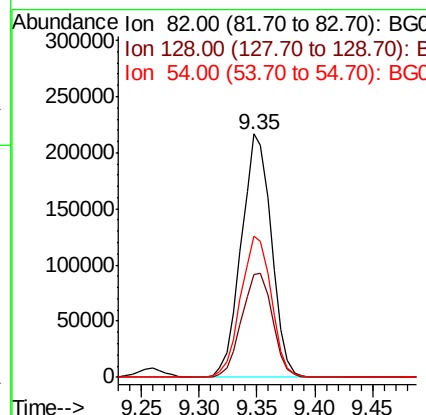
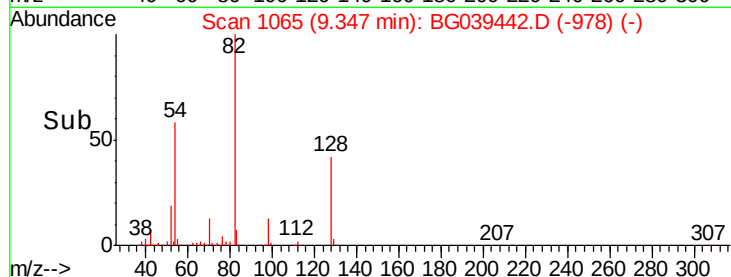
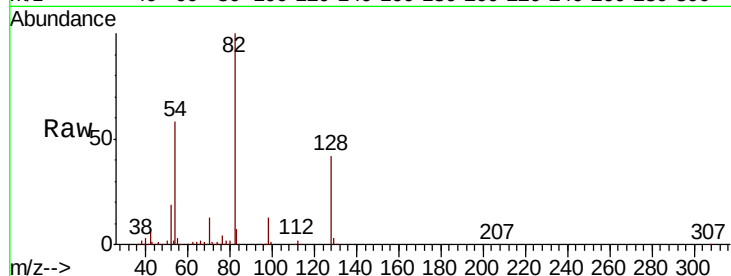
#23
 Nitrobenzene-d5
 Concen: 103.530 ng
 RT: 9.35 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG039442.D
 Acq: 11 Feb 2019 20:10

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

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.3	31.3	46.9	
54	57.8	50.9	76.3	

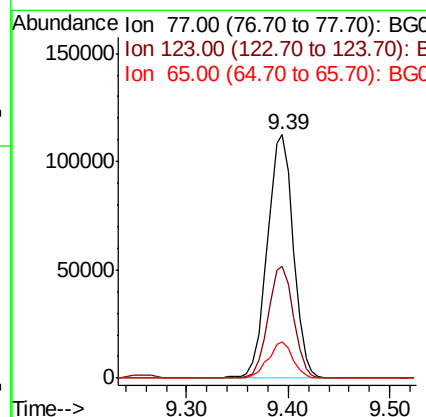
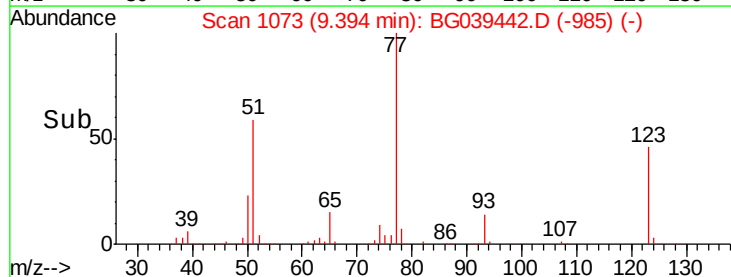
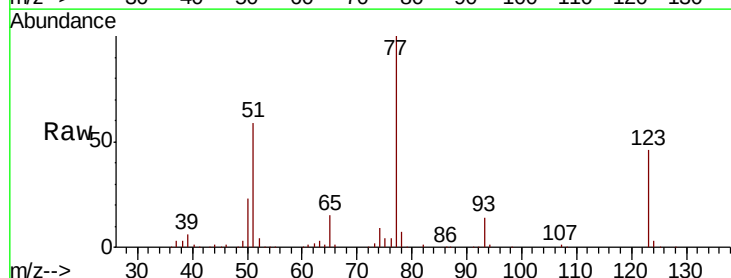
Manual Integrations
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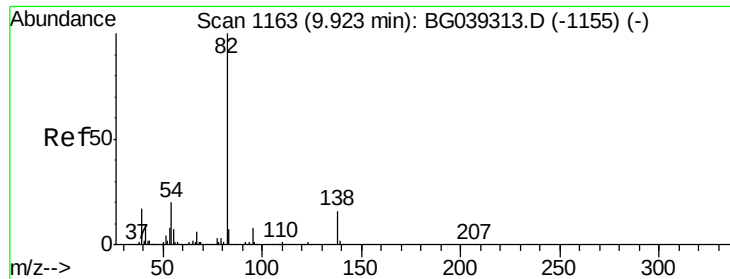
Sohil
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#24
 Nitrobenzene
 Concen: 49.570 ng
 RT: 9.39 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: BG039442.D
 Acq: 11 Feb 2019 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	46.0	34.1	51.1	
65	15.0	12.3	18.5	





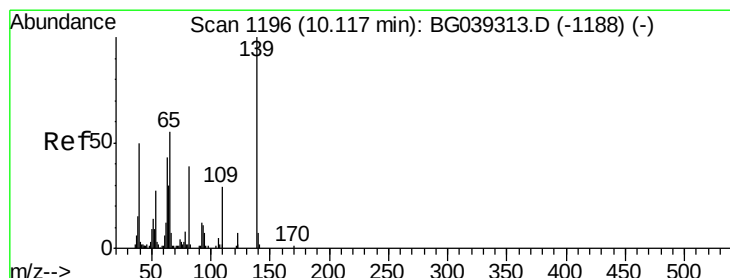
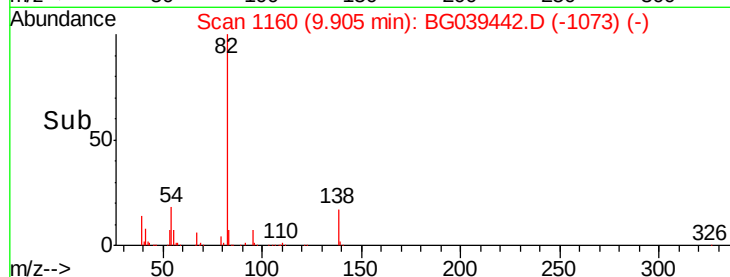
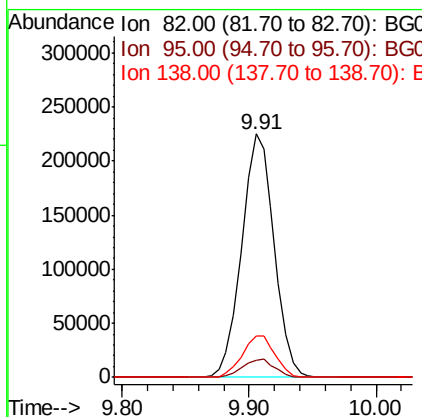
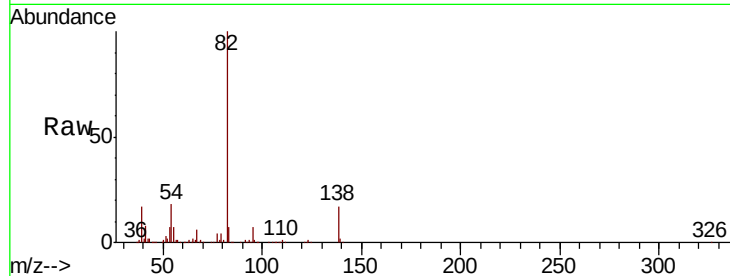
#25
Isophorone
Concen: 47.530 ng
RT: 9.91 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BG039442.D
Acq: 11 Feb 2019 20:10

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

Tot Ion	Ratio	Resp	Lower	Upper
82	100	397644		
95	7.2		6.2	9.2
138	17.0		13.0	19.4

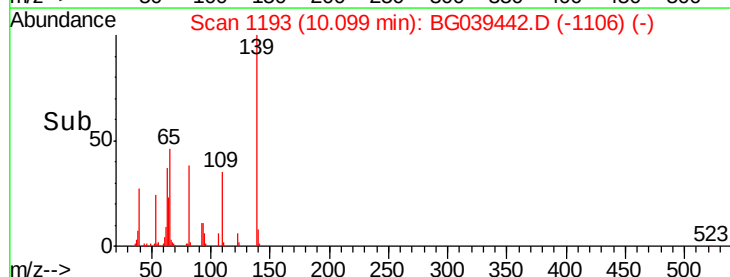
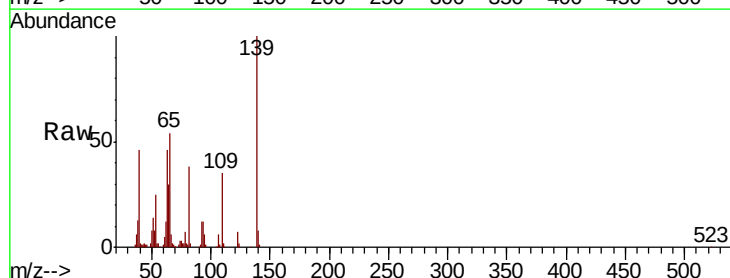
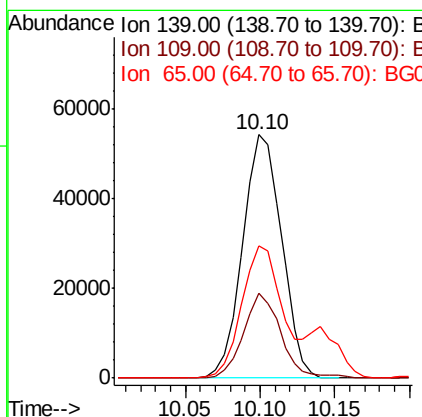
Manual Integrations
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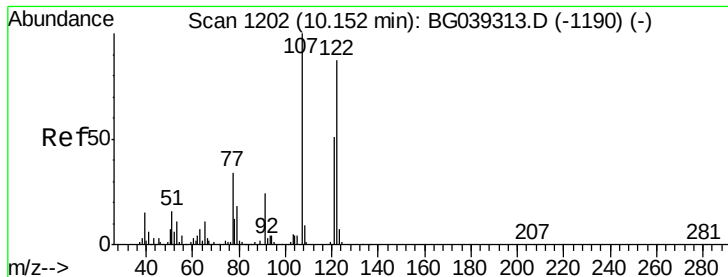
Sohil
2/12/2019 12:07:44 PM



#26
2-Nitrophenol
Concen: 57.613 ng
RT: 10.10 min Scan# 1193
Delta R.T. -0.02 min
Lab File: BG039442.D
Acq: 11 Feb 2019 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	98070		
109	35.0		23.4	35.0
65	54.4		44.3	66.5





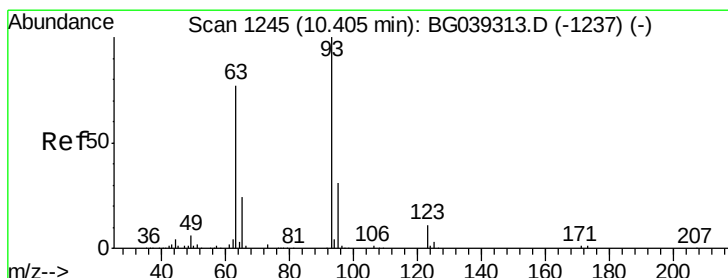
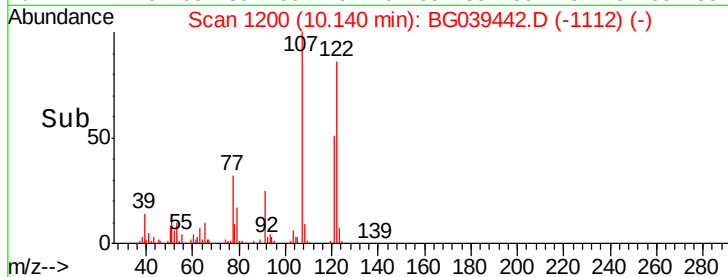
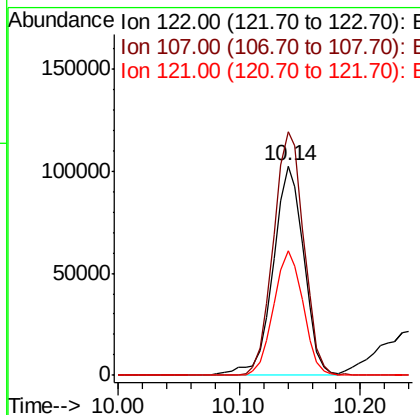
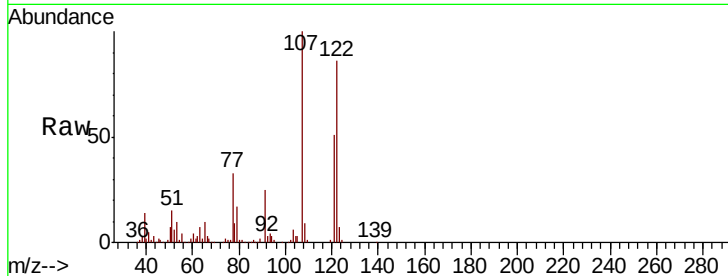
#27
2,4-Dimethylphenol
Concen: 53.288 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BG039442.D
Acq: 11 Feb 2019 20:10

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

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.2	91.7	137.5
121	59.5	46.4	69.6

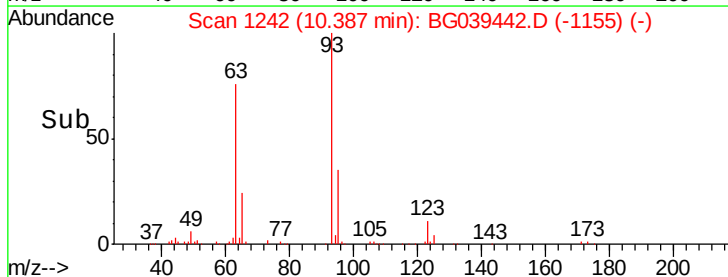
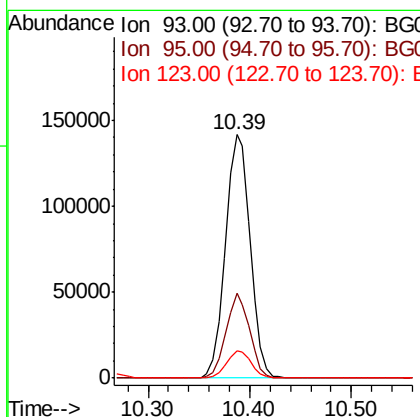
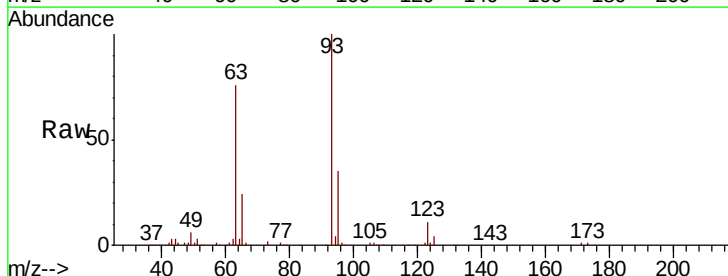
Manual Integrations
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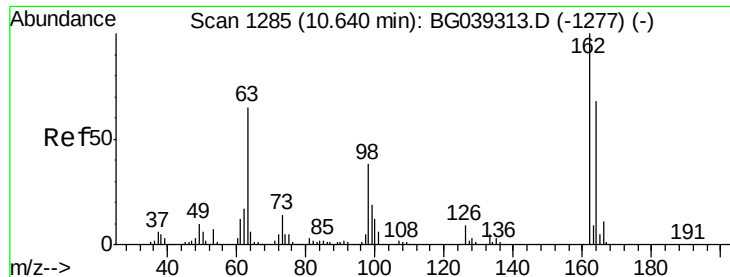
Sohil
2/12/2019 12:07:44 PM



#28
bis(2-Chloroethoxy)methane
Concen: 46.214 ng
RT: 10.39 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BG039442.D
Acq: 11 Feb 2019 20:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	35.0	25.0	37.4
123	11.3	8.6	12.8





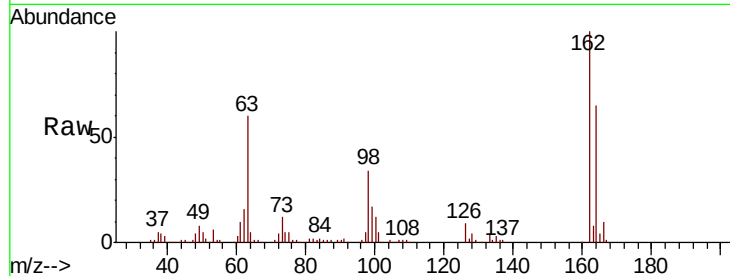
#29
2,4-Dichlorophenol
Concen: 51.839 ng
RT: 10.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG039442.D
Acq: 11 Feb 2019 20:10

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

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	48.1	88.1
98	34.3	18.1	58.1

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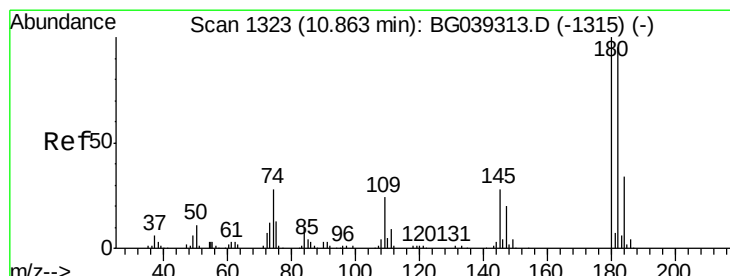
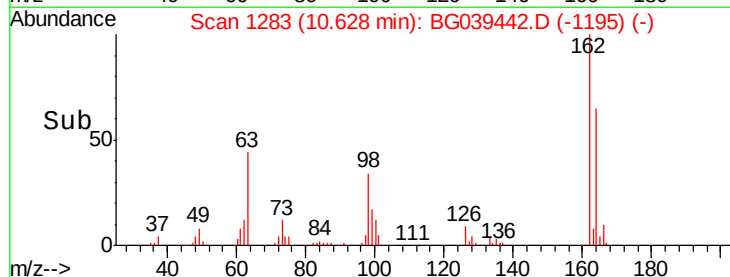
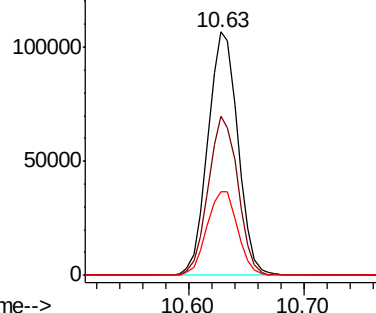


Abundance

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): BGC



#30
1,2,4-Trichlorobenzene
Concen: 44.130 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG039442.D
Acq: 11 Feb 2019 20:10

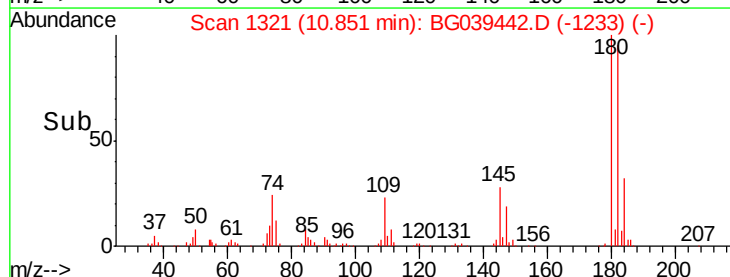
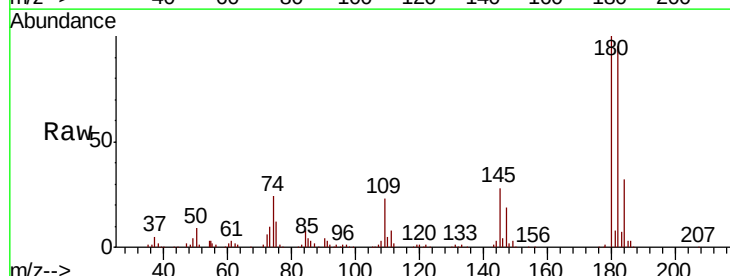
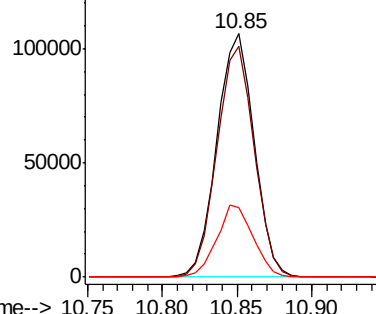
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.0	114.0
145	28.5	22.7	34.1

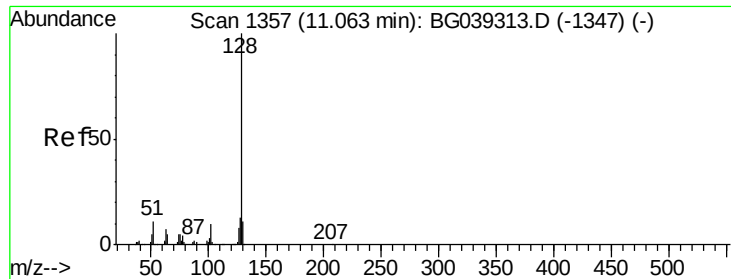
Abundance

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





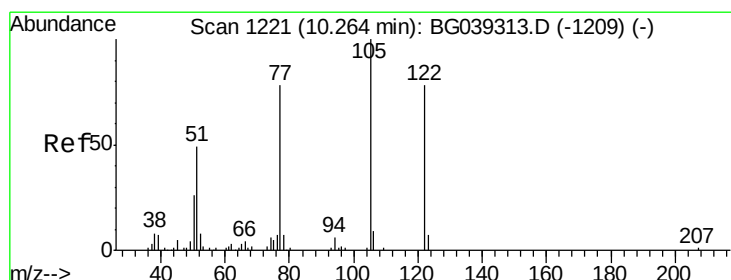
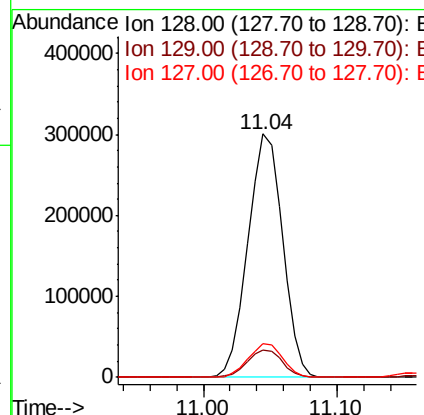
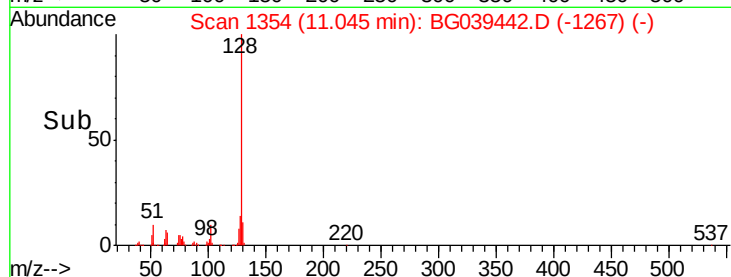
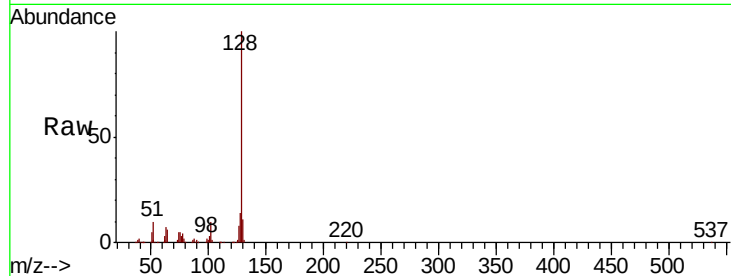
#31
Naphthalene
Concen: 46.179 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BG039442.D
Acq: 11 Feb 2019 20:10

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

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.7	13.1
127	14.1	10.8	16.2

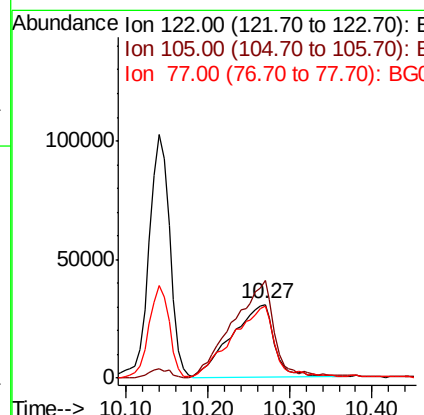
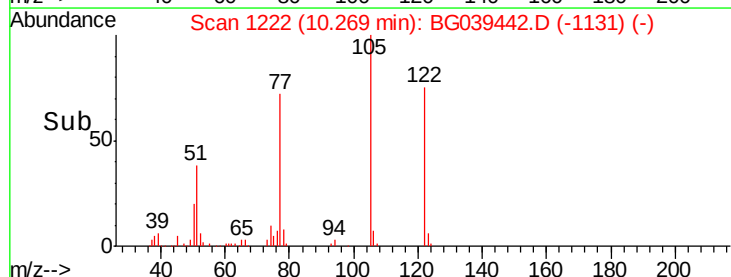
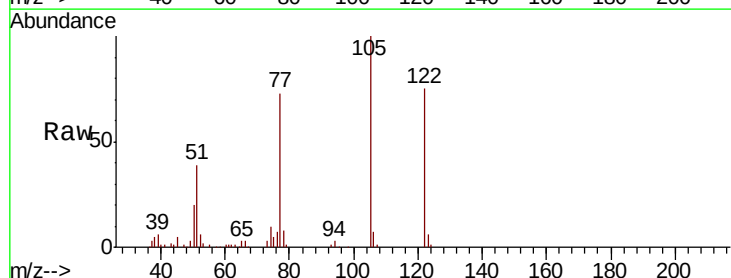
Manual Integrations
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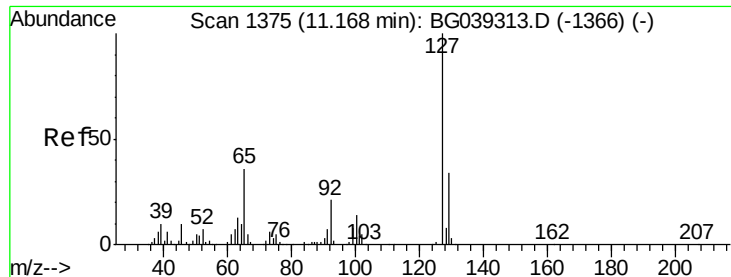
Sohil
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#32
Benzoic acid
Concen: 49.424 ng
RT: 10.27 min Scan# 1222
Delta R.T. 0.01 min
Lab File: BG039442.D
Acq: 11 Feb 2019 20:10

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.9	101.8	141.8
77	96.8	76.3	116.3





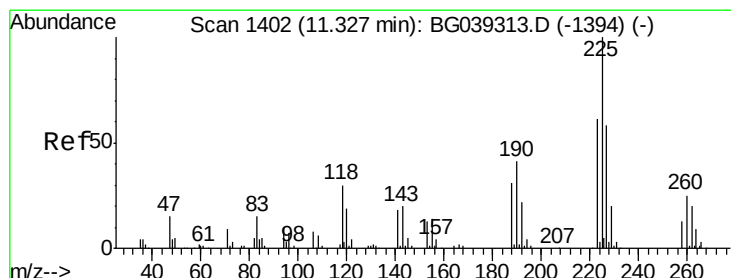
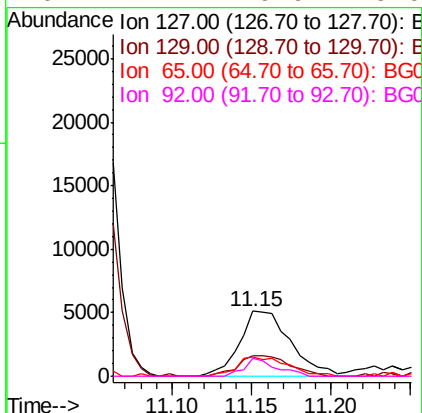
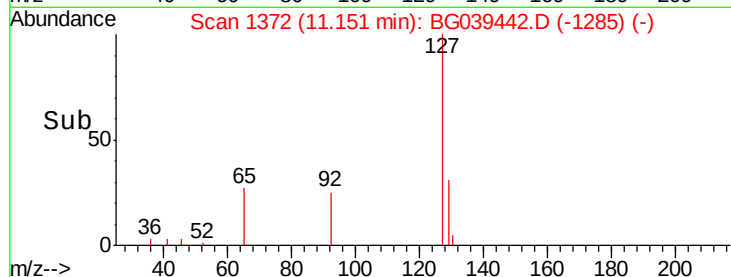
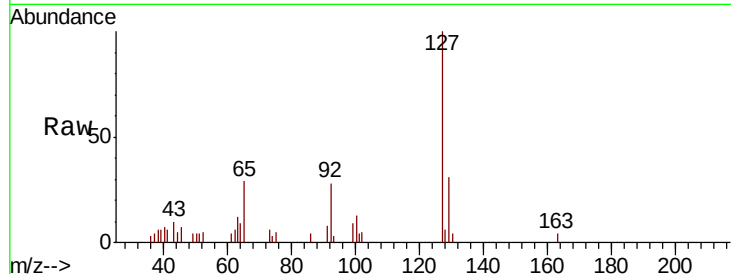
#33
4-Chloroaniline
Concen: 2.112 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BG039442.D
Acq: 11 Feb 2019 20:10

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.7		27.0	40.4	
65	29.3		28.8	43.2	
92	27.7		16.6	25.0	

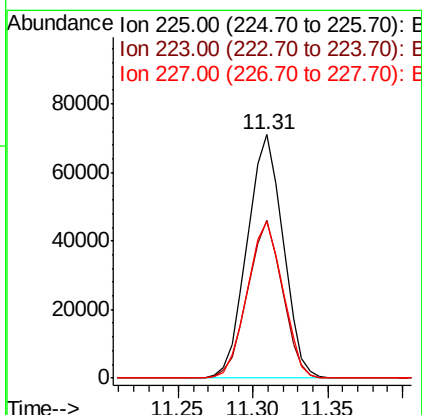
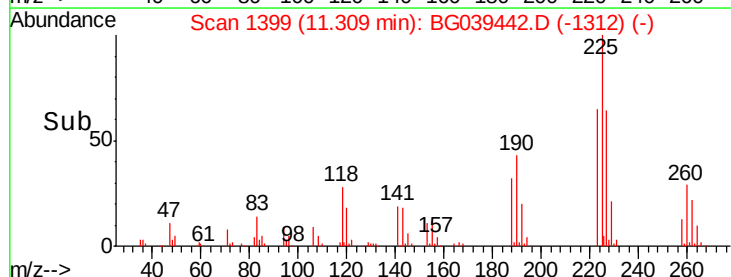
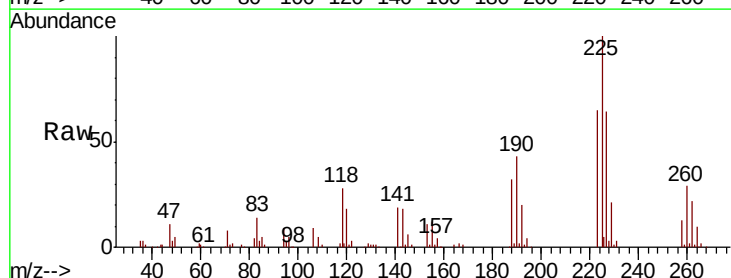
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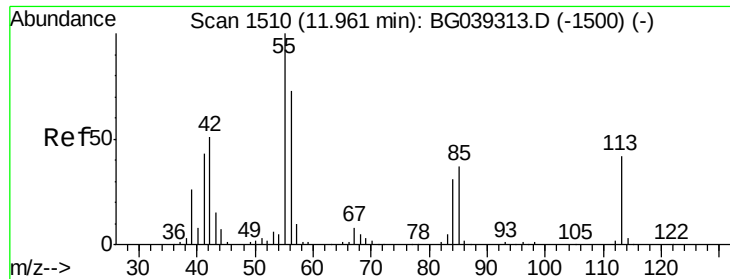
Sohil
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#34
Hexachlorobutadiene
Concen: 42.768 ng
RT: 11.31 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BG039442.D
Acq: 11 Feb 2019 20:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.9		49.0	73.6	
227	64.3		46.3	69.5	





#35

Caprolactam

Concen: 34.878 ng/mL

RT: 11.93 min Scan# 1505

Delta R.T. -0.03 min

Lab File: BG039442.D

Acq: 11 Feb 2019 20:10

Instrument :

BNA_G

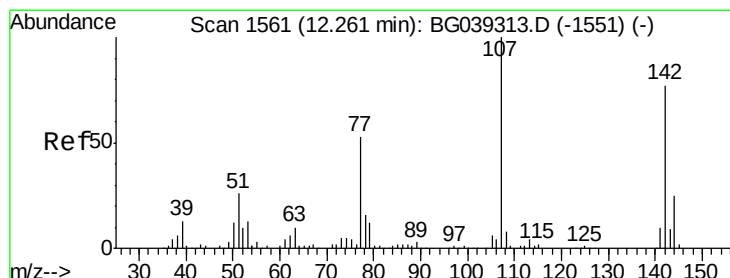
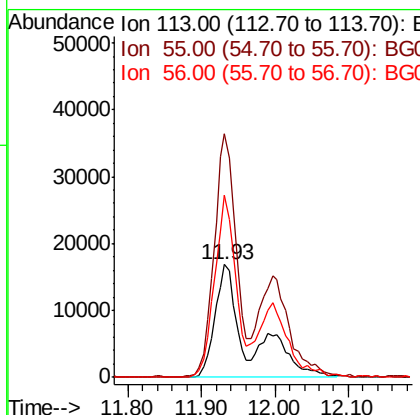
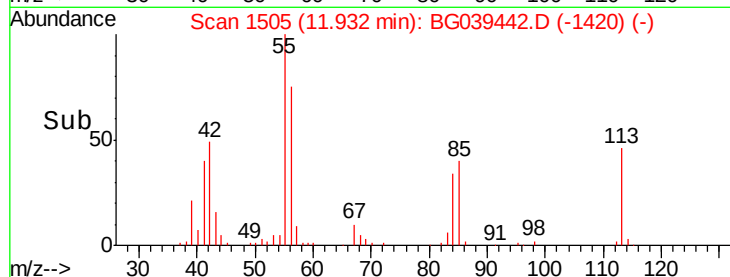
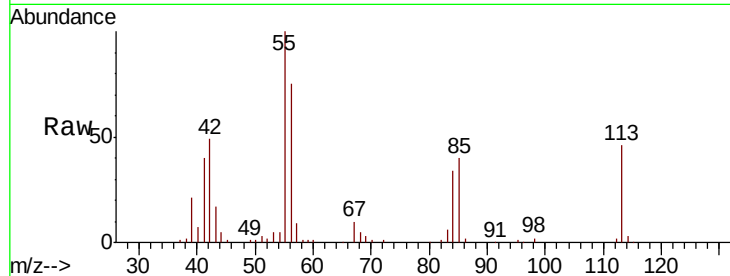
ClientSampleID :

SU-03-020819-AMS

Tot Ion: 113 Resp: 53384
 Ion Ratio Lower Upper
 113 100
 55 216.2 216.9 256.9#
 56 162.1 152.6 192.6

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#36

4-Chloro-3-methylphenol

Concen: 48.652 ng/mL

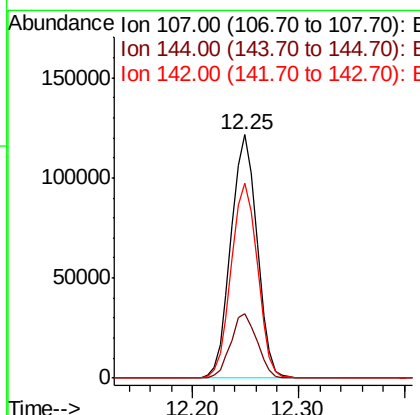
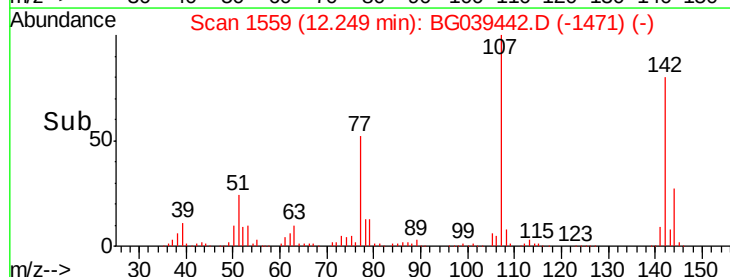
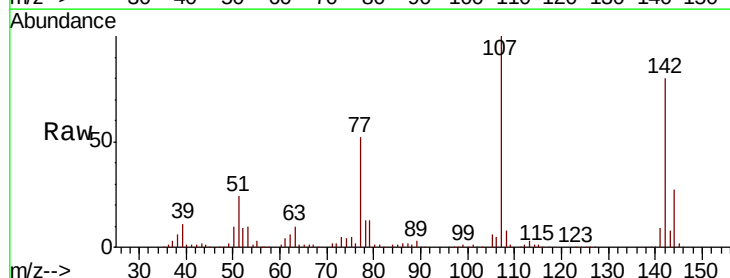
RT: 12.25 min Scan# 1559

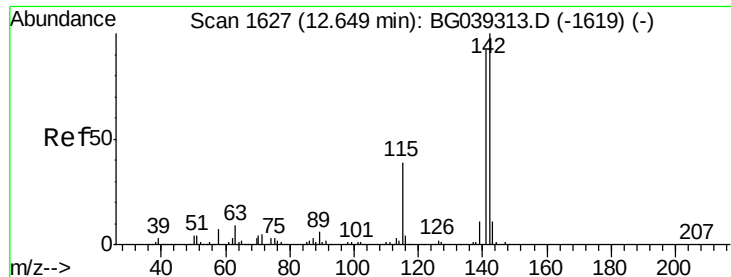
Delta R.T. -0.01 min

Lab File: BG039442.D

Acq: 11 Feb 2019 20:10

Tgt Ion: 107 Resp: 208119
 Ion Ratio Lower Upper
 107 100
 144 26.5 20.2 30.2
 142 80.3 61.4 92.2





#37

2-Methylnaphthalene

Concen: 48.167 ng

RT: 12.64 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BG039442.D

Acq: 11 Feb 2019 20:10

Instrument :

BNA_G

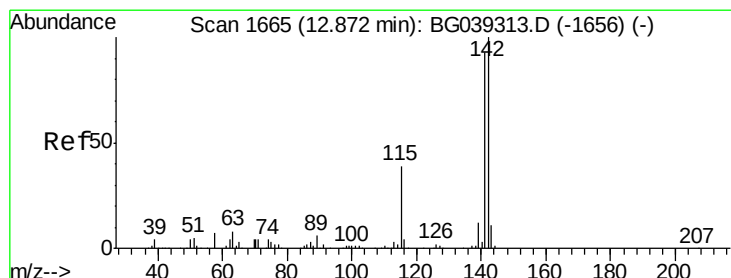
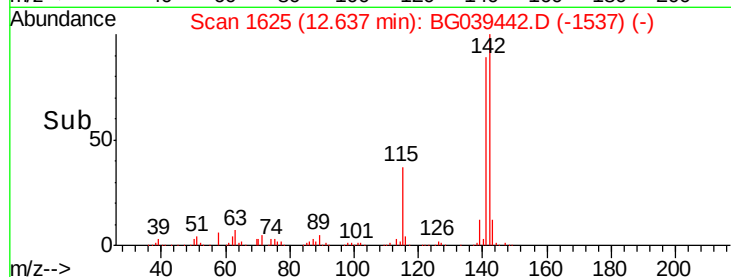
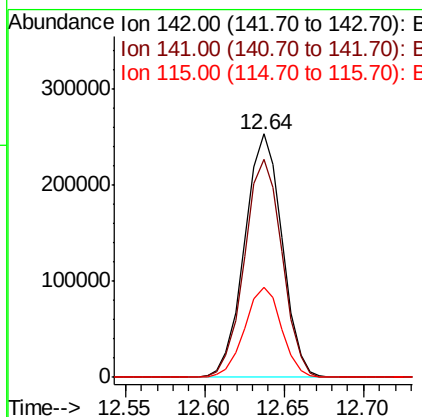
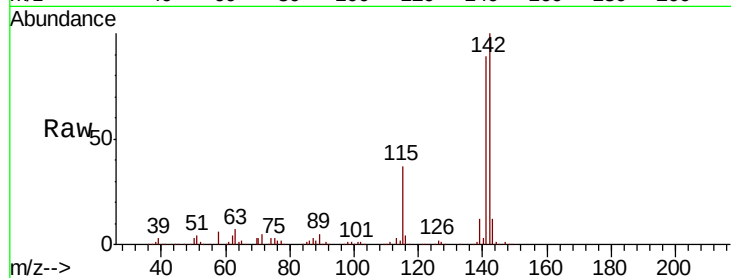
ClientSampleId :

SU-03-020819-AMS

Tot Ion:	142	Resp:	417422
Ion Ratio	Lower	Upper	
142	100		
141	89.5	73.5	110.3
115	37.0	30.8	46.2

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#38

1-Methylnaphthalene

Concen: 47.972 ng

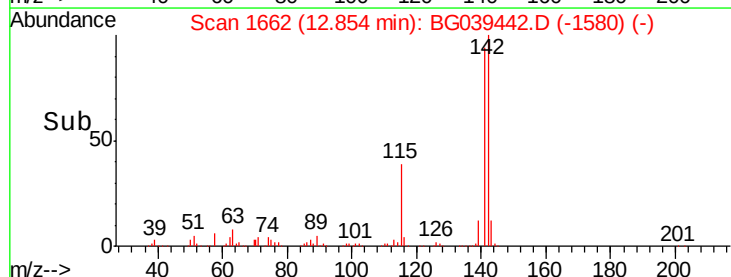
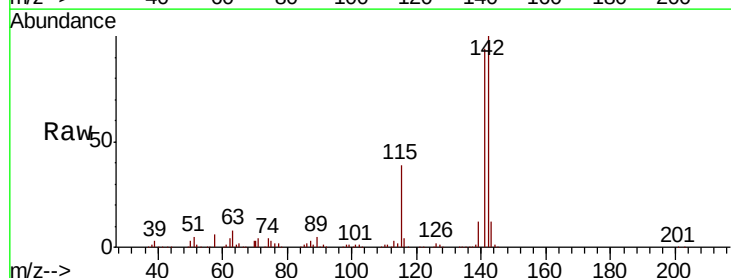
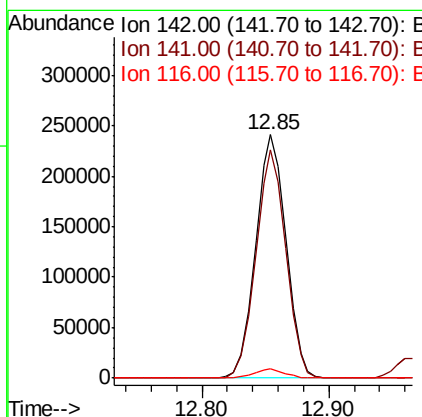
RT: 12.85 min Scan# 1662

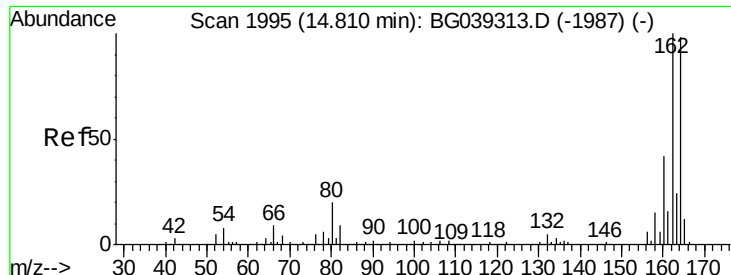
Delta R.T. -0.02 min

Lab File: BG039442.D

Acq: 11 Feb 2019 20:10

Tgt Ion:	142	Resp:	400744
Ion Ratio	Lower	Upper	
142	100		
141	93.7	74.2	111.4
116	3.7	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: BG039442.D

Acq: 11 Feb 2019 20:10

Instrument :

BNA_G

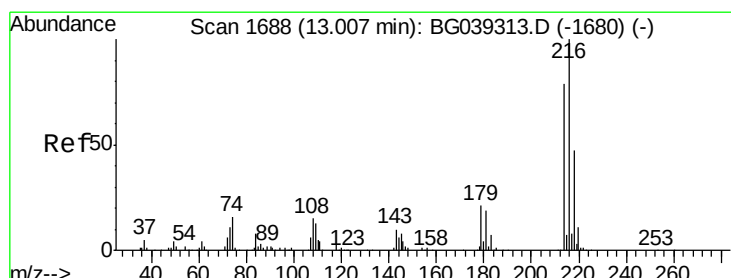
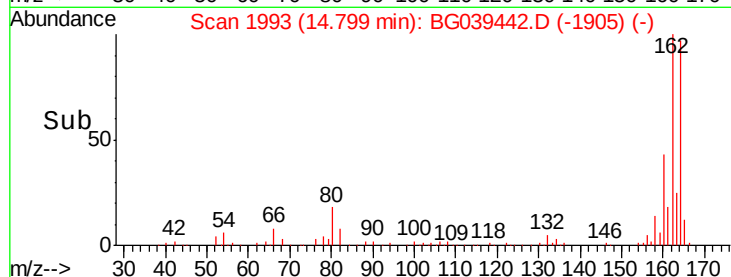
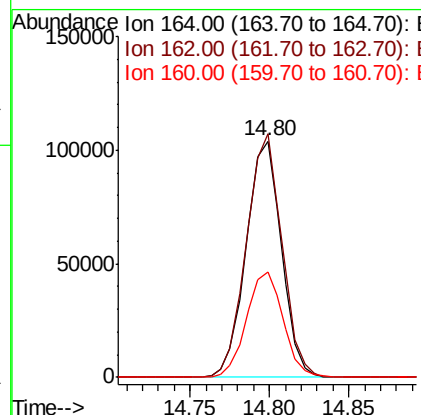
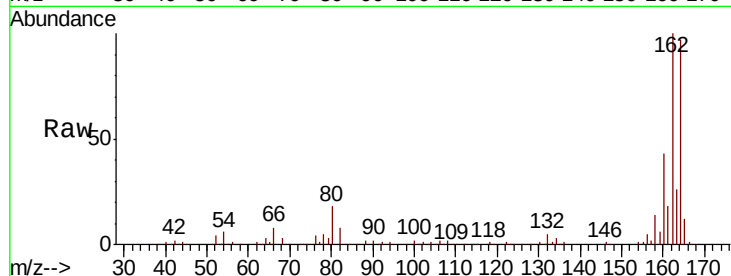
ClientSampleId :

SU-03-020819-AMS

Tot Ion:	164	Resp:	160744
Ion Ratio	Lower	Upper	
164	100		
162	103.1	81.6	122.4
160	44.8	34.2	51.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.764 ng

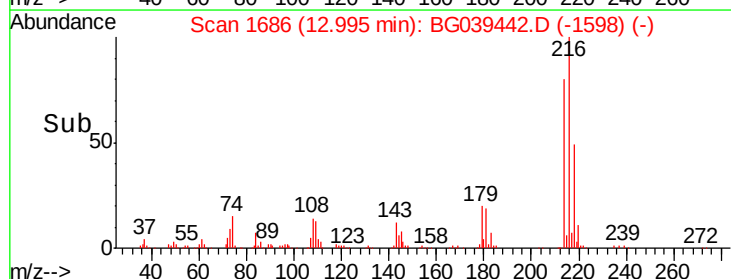
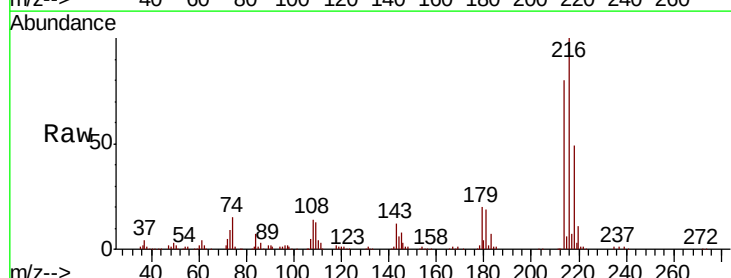
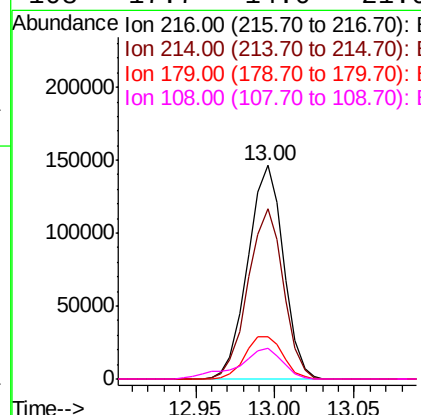
RT: 13.00 min Scan# 1686

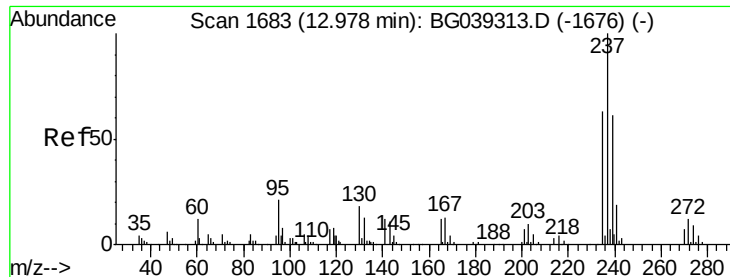
Delta R.T. -0.01 min

Lab File: BG039442.D

Acq: 11 Feb 2019 20:10

Tgt Ion:	216	Resp:	228939
Ion Ratio	Lower	Upper	
216	100		
214	79.4	62.6	94.0
179	21.0	16.6	25.0
108	17.7	14.0	21.0





#41

Hexachlorocyclopentadiene

Concen: 103.009 ng

RT: 12.97 min Scan# 1681

Delta R.T. -0.01 min

Lab File: BG039442.D

Acq: 11 Feb 2019 20:10

Instrument :

BNA_G

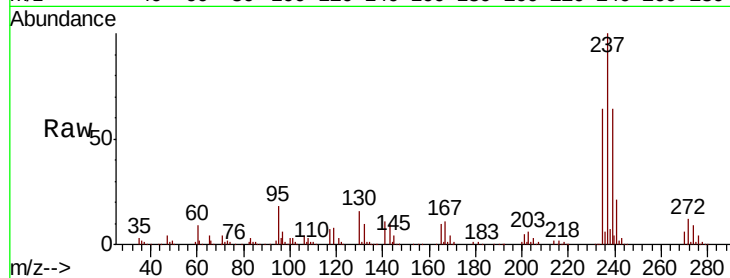
ClientSampleId :

SU-03-020819-AMS

Tot Ion:	237	Resp:	287079
Ion Ratio	Lower	Upper	
237	100		
235	63.7	43.3	83.3
272	11.9	0.0	32.3

Manual Integrations
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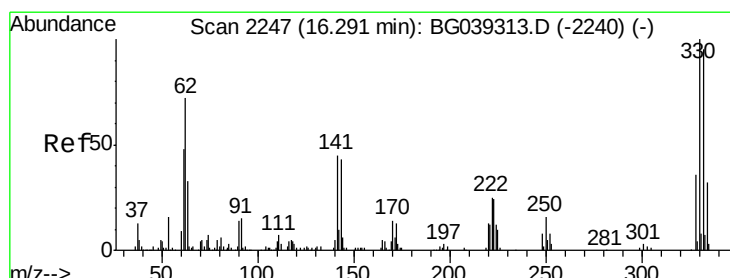
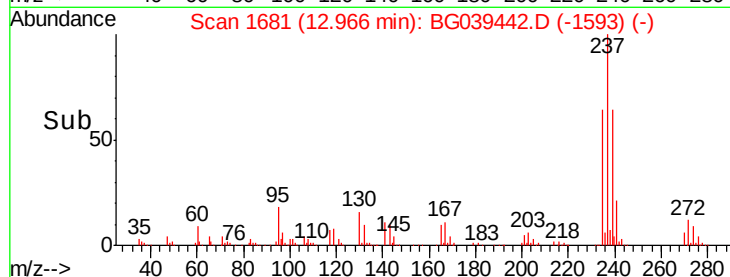
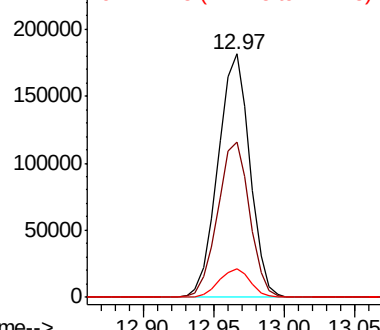


Abundance

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: 157.486 ng

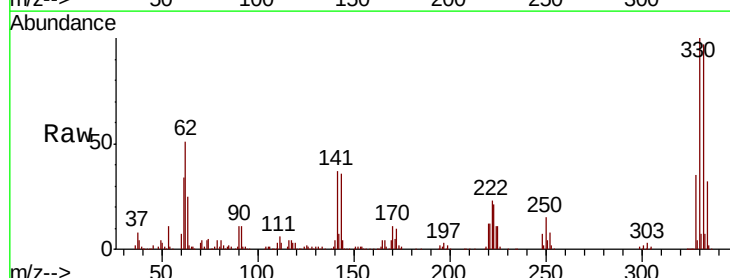
RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039442.D

Acq: 11 Feb 2019 20:10

Tgt Ion:	330	Resp:	272598
Ion Ratio	Lower	Upper	
330	100		
332	95.4	75.7	113.5
141	40.3	35.6	53.4

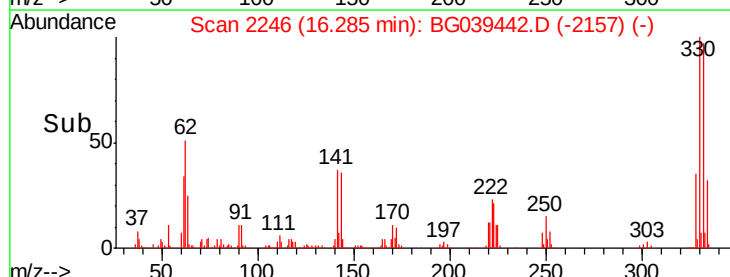
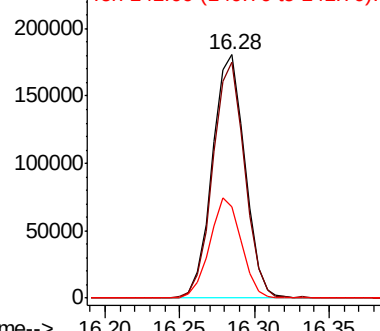


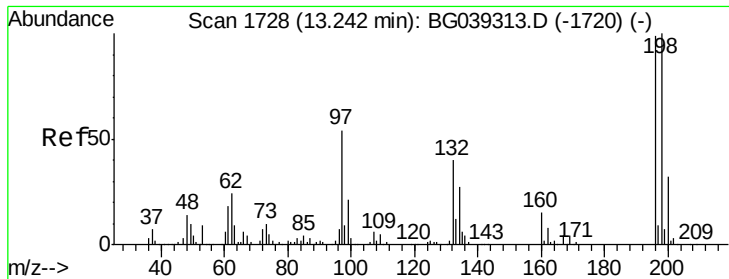
Abundance

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





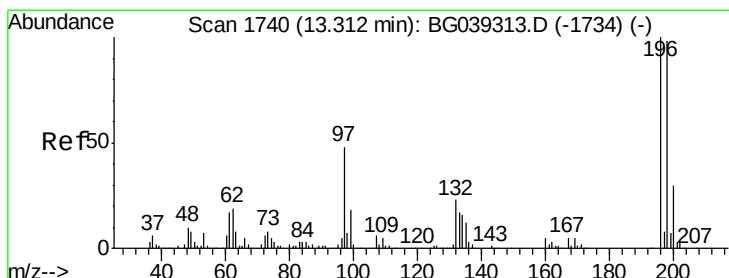
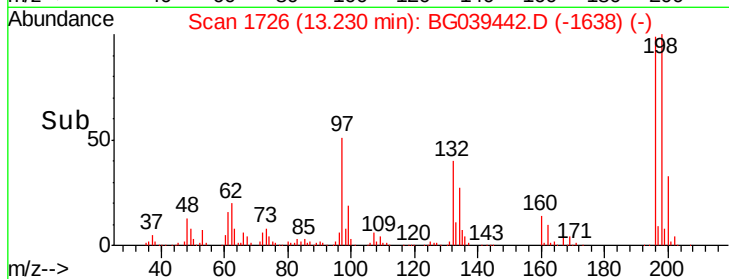
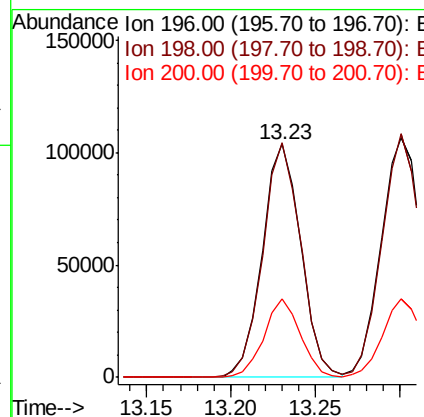
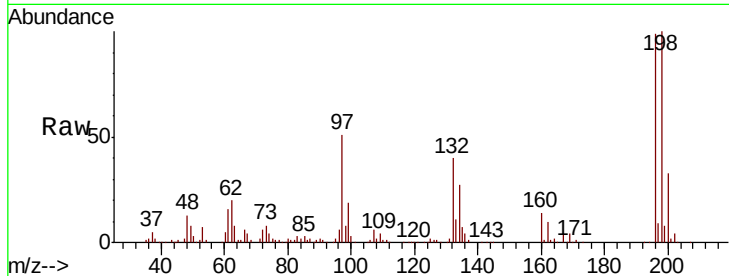
#43
 2,4,6-Trichlorophenol
 Concen: 52.471 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BG039442.D
 Acq: 11 Feb 2019 20:10

Instrument :
 BNA_G
 ClientSampleID :
 SU-03-020819-AMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	165000		
198	100.9	80.6	121.0	
200	33.7	26.1	39.1	

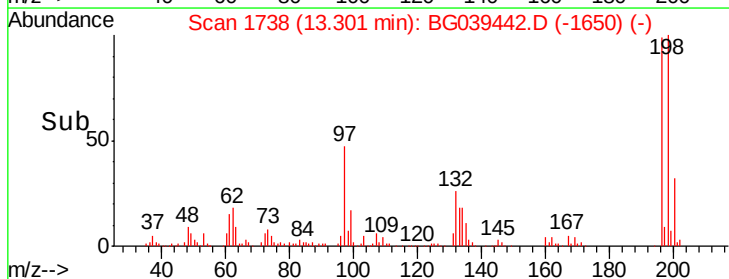
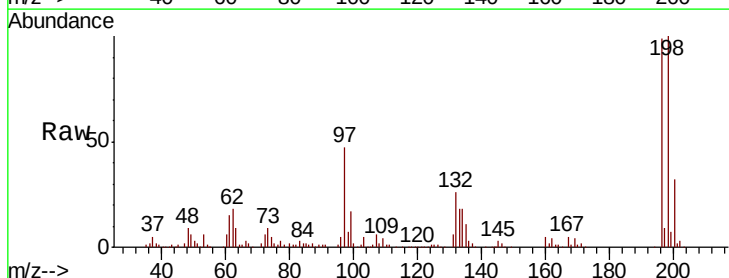
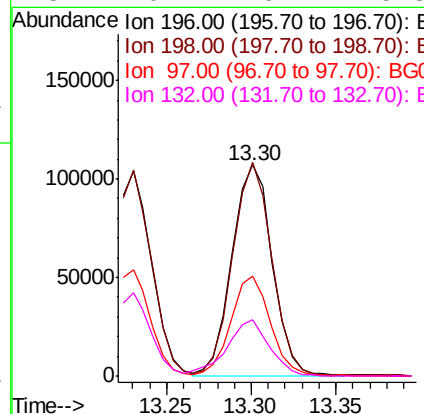
Manual Integrations
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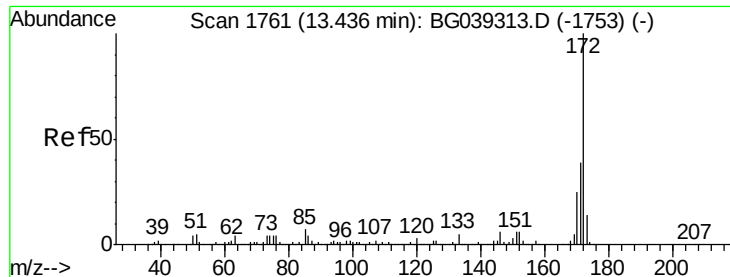
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 53.822 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG039442.D
 Acq: 11 Feb 2019 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	177387		
198	101.4	78.5	117.7	
97	47.2	38.4	57.6	
132	26.7	19.2	28.8	





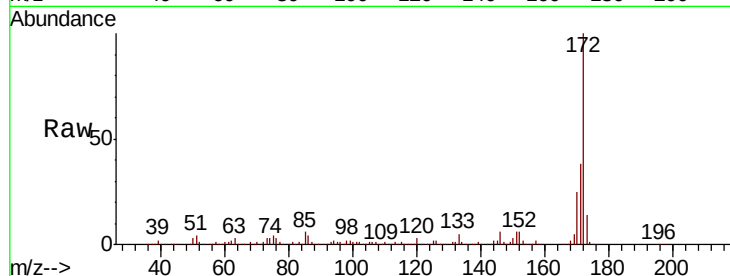
#45
2-Fluorobiphenyl
Concen: 84.850 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BG039442.D
Acq: 11 Feb 2019 20:10

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.8	46.2
170	25.4	20.2	30.4

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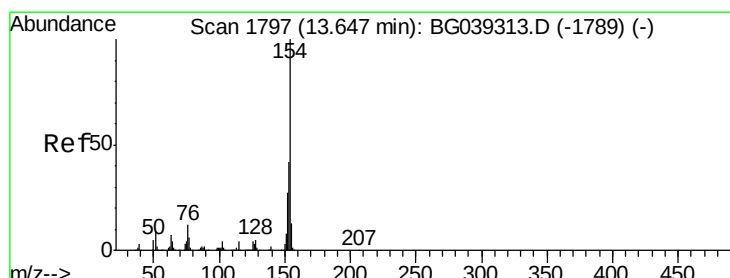
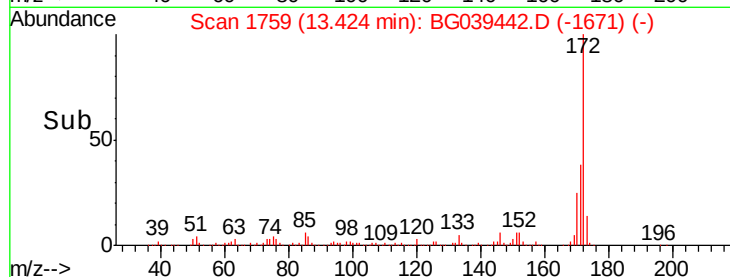
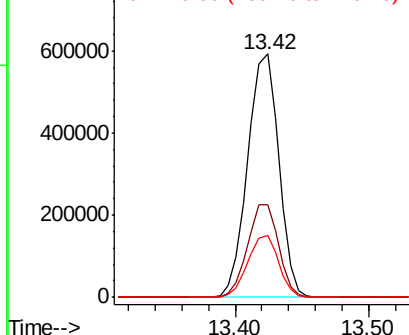


Abundance

Ion 172.00 (171.70 to 172.70): E

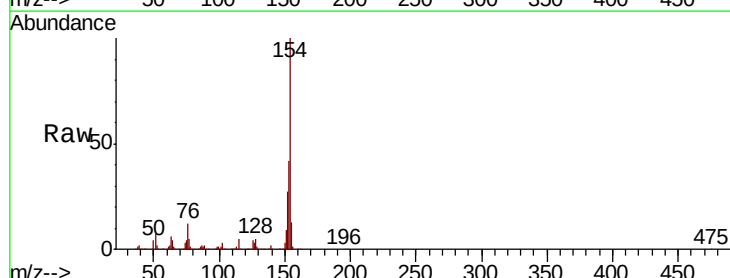
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 42.585 ng
RT: 13.64 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BG039442.D
Acq: 11 Feb 2019 20:10

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.5	22.1	62.1
76	11.9	0.0	32.4

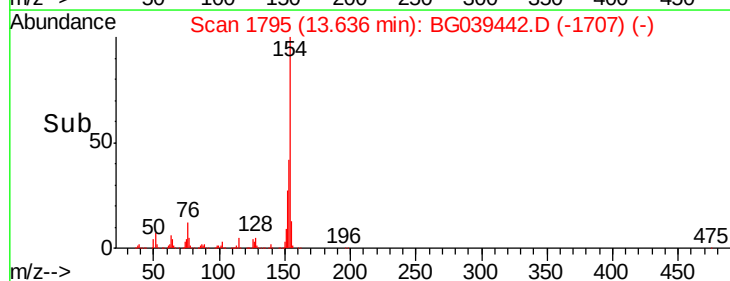
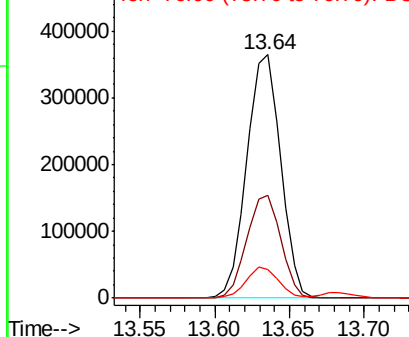


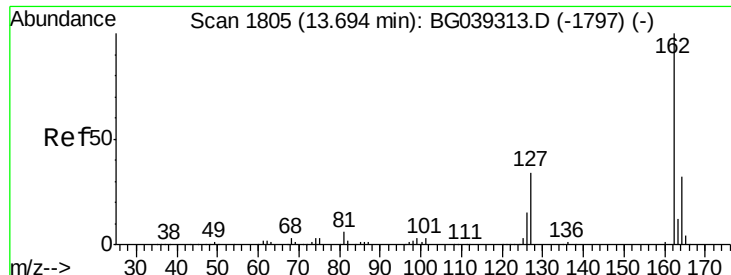
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





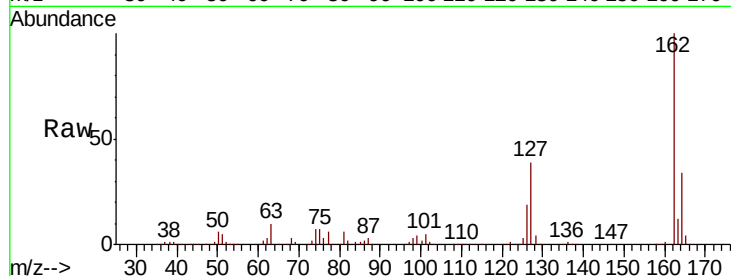
#47
2-Chloronaphthalene
Concen: 43.933 ng
RT: 13.68 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BG039442.D
Acq: 11 Feb 2019 20:10

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

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.9	31.0	46.6
164	34.0	25.7	38.5

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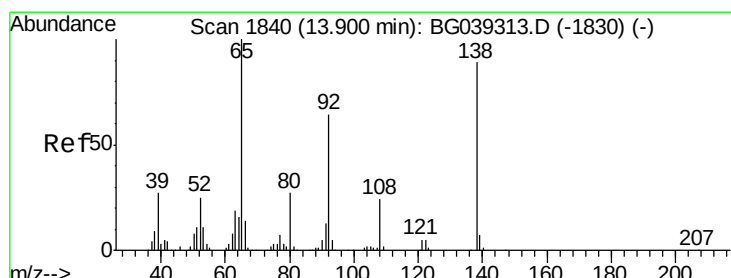
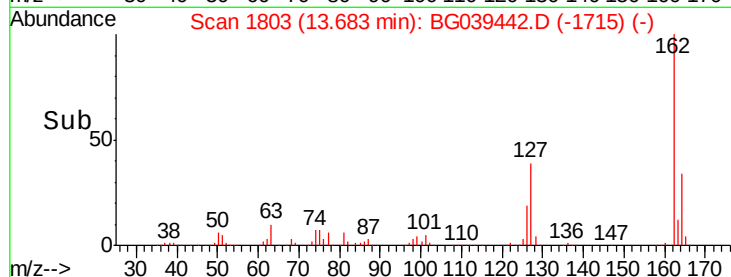
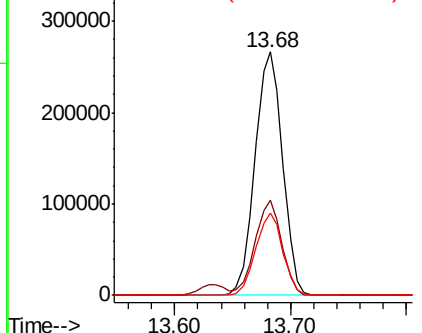


Abundance

Ion 162.00 (161.70 to 162.70): E

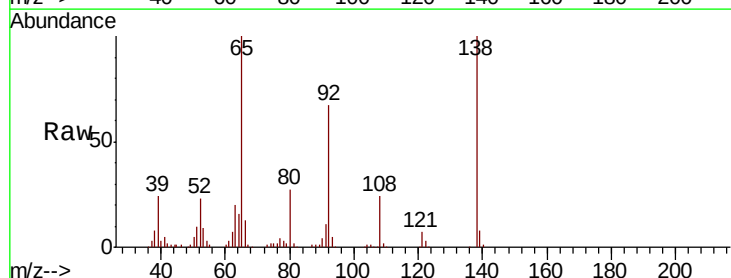
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 50.987 ng
RT: 13.89 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BG039442.D
Acq: 11 Feb 2019 20:10

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.0	51.4	77.2
138	100.0	71.4	107.2

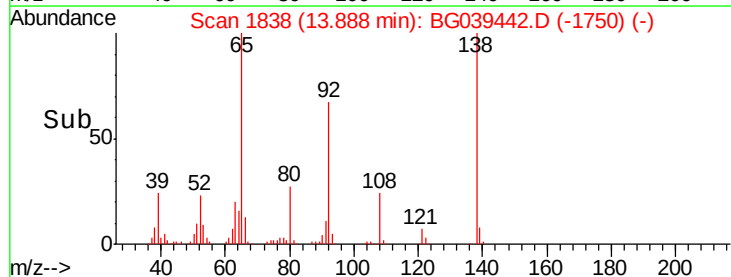
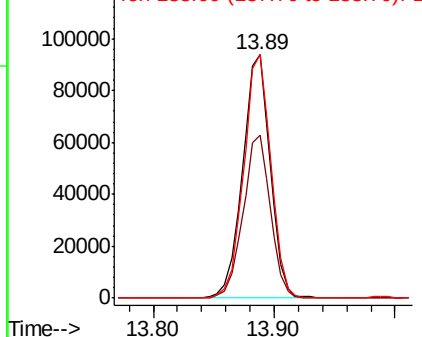


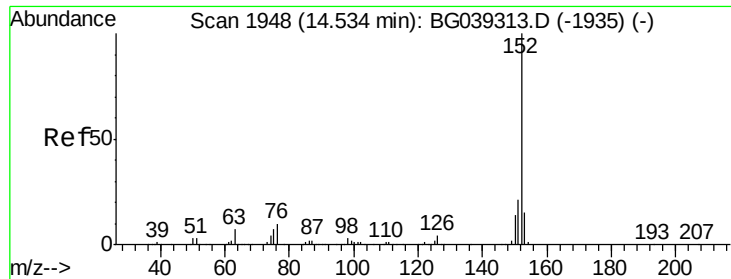
Abundance

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: 47.144 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BG039442.D

Acq: 11 Feb 2019 20:10

Instrument :

BNA_G

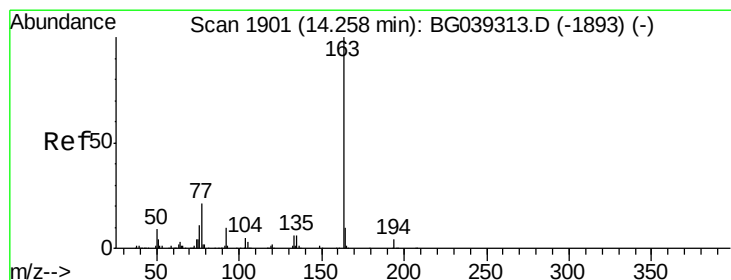
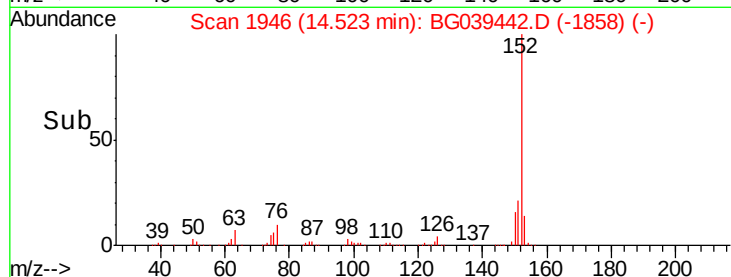
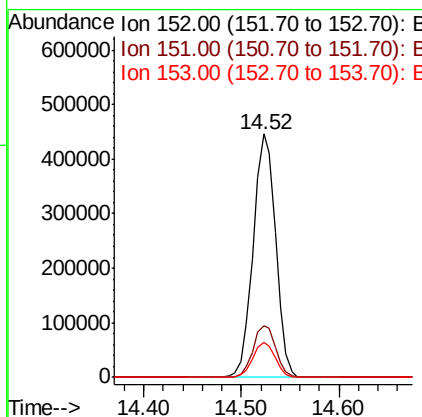
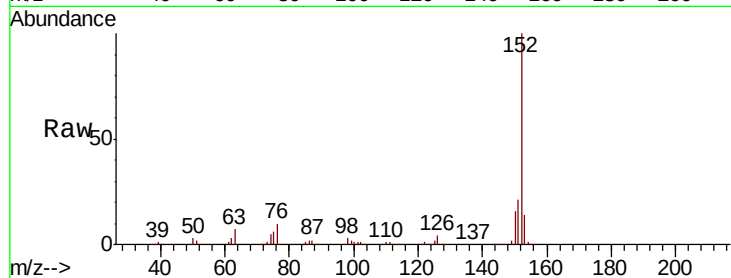
ClientSampleId :

SU-03-020819-AMS

Tot Ion:	152	Resp:	715720
Ion Ratio	Lower	Upper	
152	100		
151	21.3	16.8	25.2
153	14.1	11.7	17.5

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#50

Dimethylphthalate

Concen: 45.811 ng

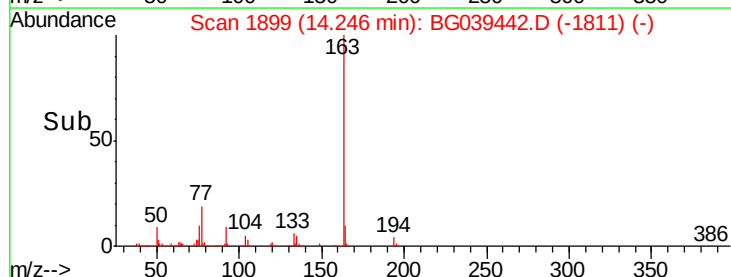
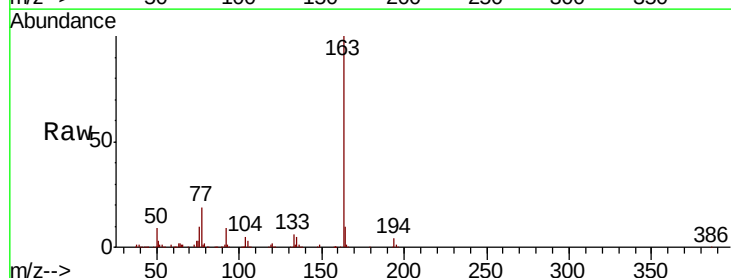
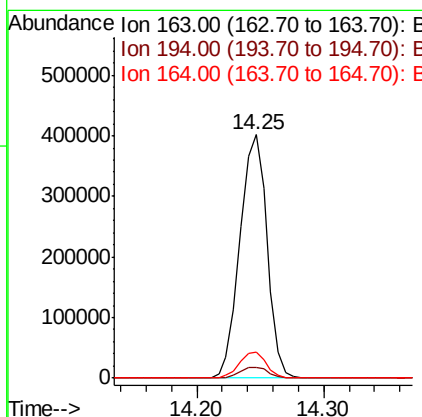
RT: 14.25 min Scan# 1899

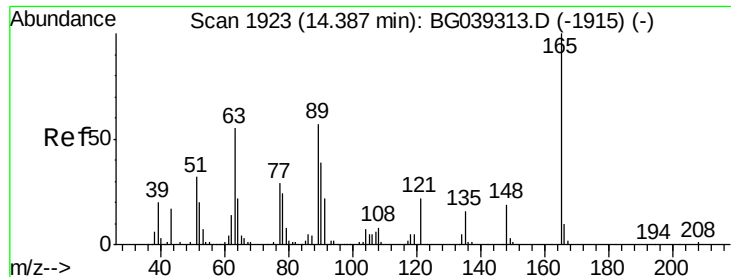
Delta R.T. -0.01 min

Lab File: BG039442.D

Acq: 11 Feb 2019 20:10

Tgt Ion:	163	Resp:	594733
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.6	5.4
164	10.5	8.4	12.6





#51

2,6-Dinitrotoluene

Concen: 54.285 ng

RT: 14.37 min Scan# 1920

Delta R.T. -0.02 min

Lab File: BG039442.D

Acq: 11 Feb 2019 20:10

Instrument :

BNA_G

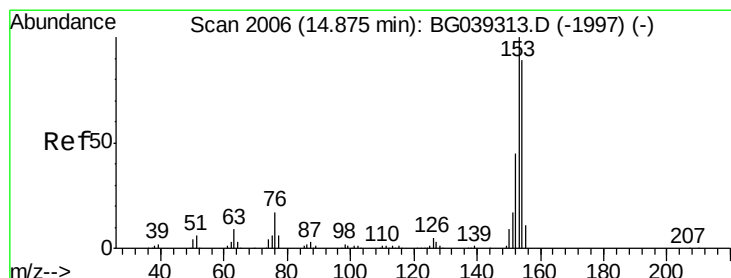
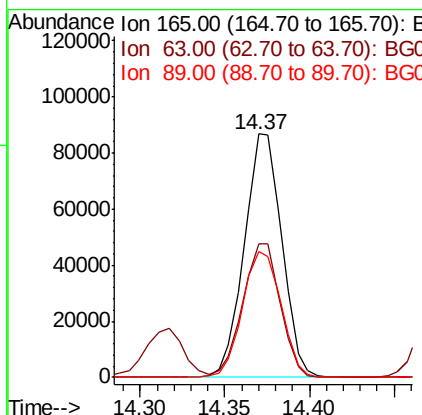
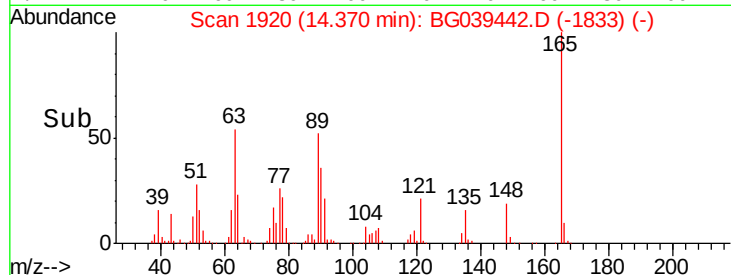
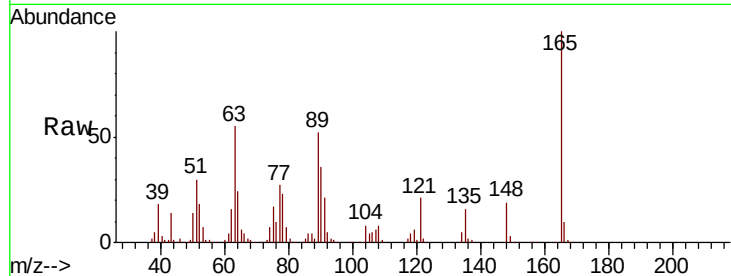
ClientSampleId :

SU-03-020819-AMS

Tot Ion	165	Resp	134128
Ion Ratio	Lower	Upper	
165	100		
63	54.9	47.0	70.6
89	51.5	45.8	68.8

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#52

Acenaphthene

Concen: 44.546 ng

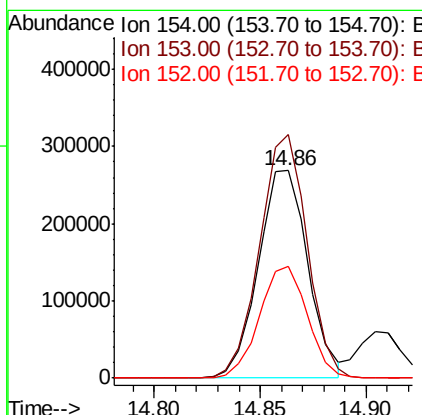
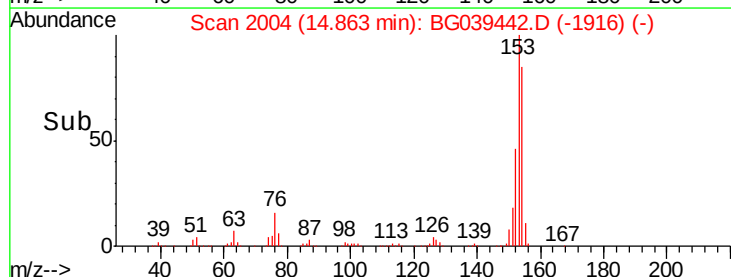
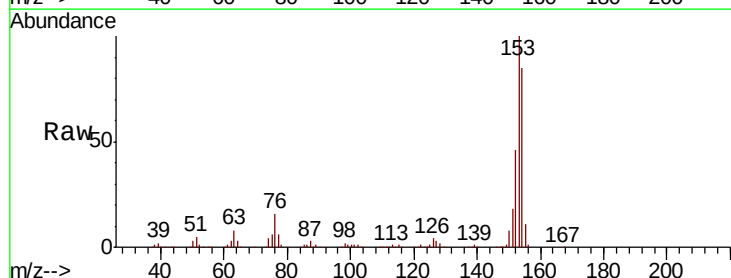
RT: 14.86 min Scan# 2004

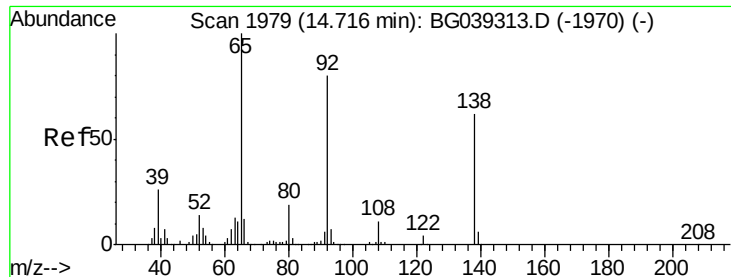
Delta R.T. -0.01 min

Lab File: BG039442.D

Acq: 11 Feb 2019 20:10

Tgt Ion	154	Resp	438980
Ion Ratio	Lower	Upper	
154	100		
153	117.2	90.1	135.1
152	53.8	40.9	61.3





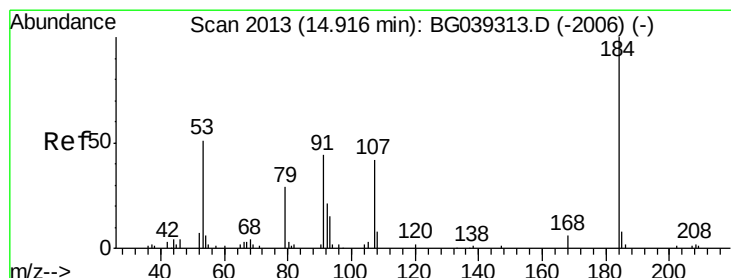
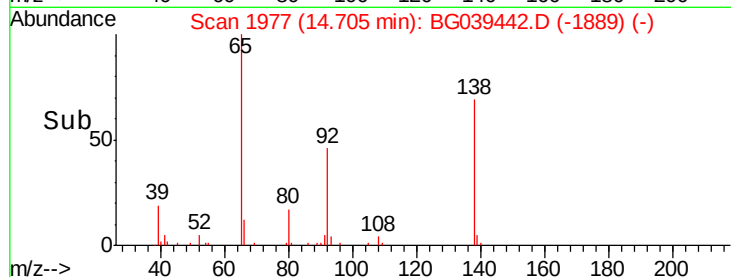
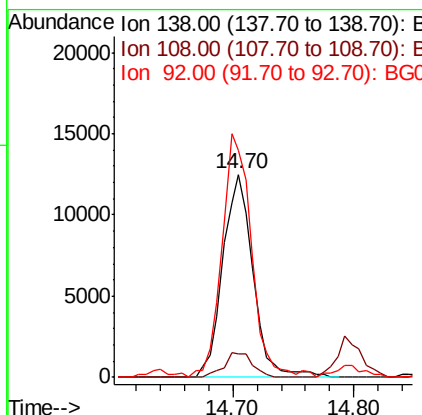
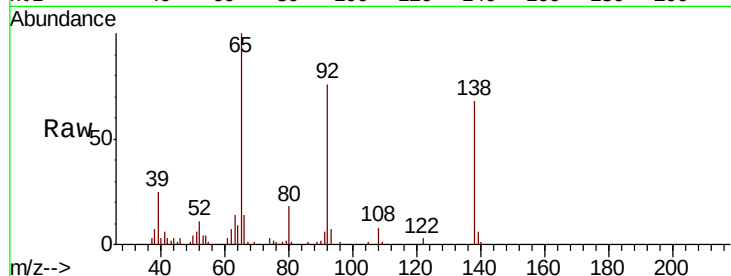
#53
3-Nitroaniline
Concen: 13.071 ng
RT: 14.70 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BG039442.D
Acq: 11 Feb 2019 20:10

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

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.8	13.8	20.8#
92	111.6	103.7	155.5

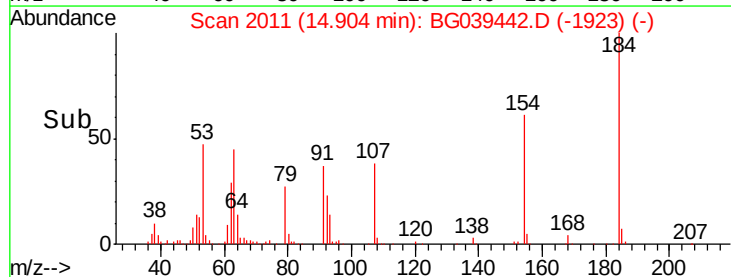
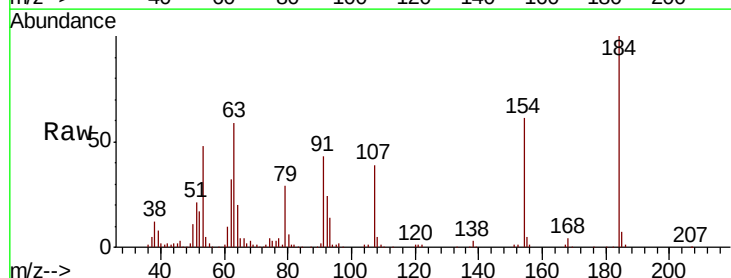
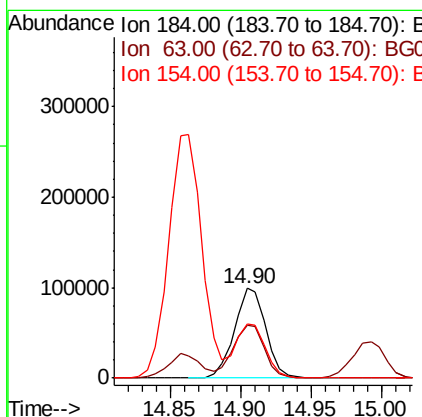
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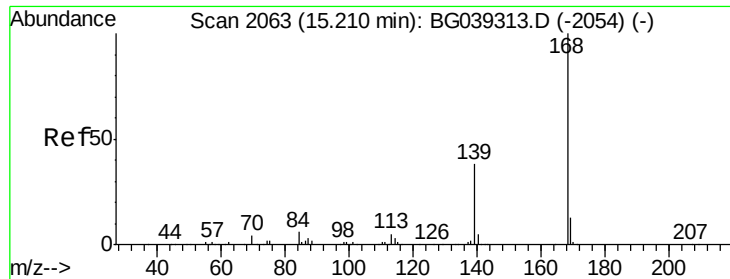
Sohil
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#54
2,4-Dinitrophenol
Concen: 116.333 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG039442.D
Acq: 11 Feb 2019 20:10

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.8	50.9	76.3
154	60.9	53.0	79.6





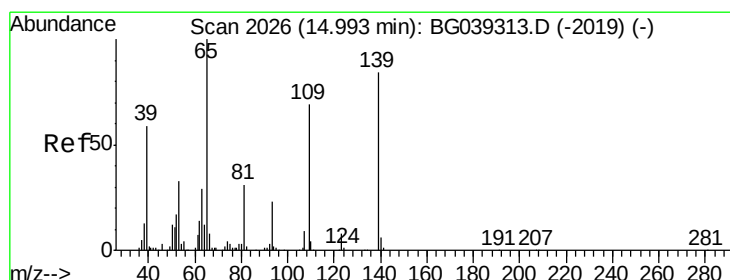
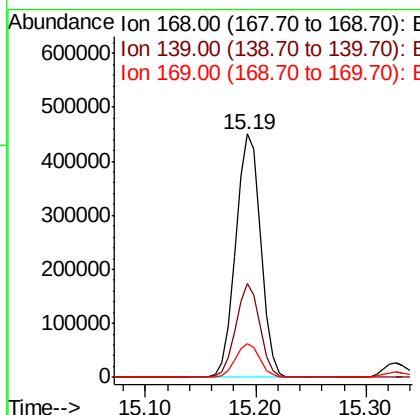
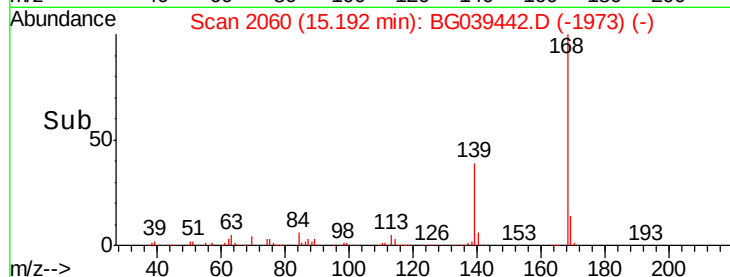
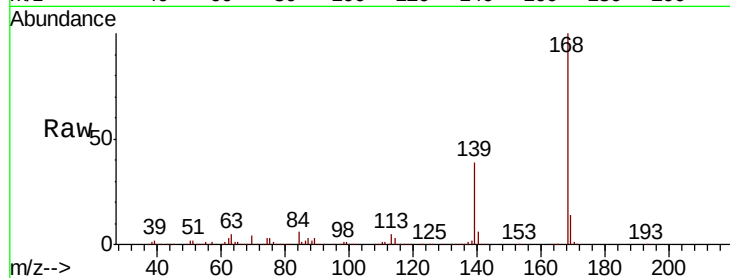
#55
Dibenzofuran
Concen: 45.282 ng
RT: 15.19 min Scan# 2060
Delta R.T. -0.02 min
Lab File: BG039442.D
Acq: 11 Feb 2019 20:10

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

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.7	30.1	45.1
169	14.0	10.6	16.0

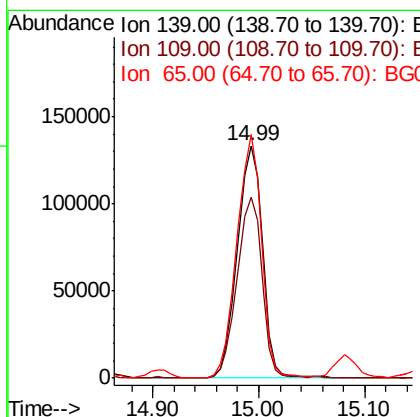
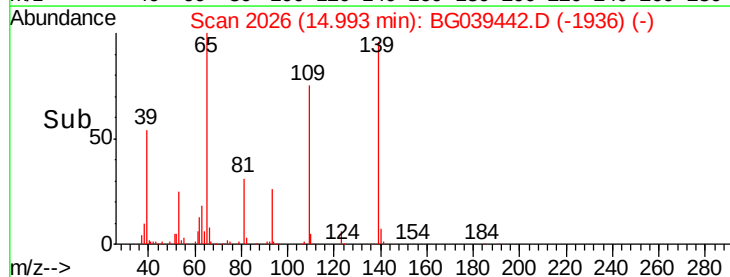
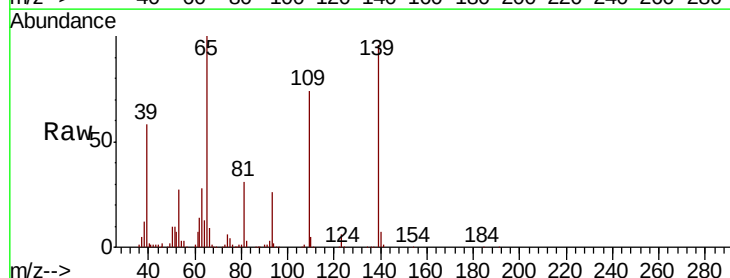
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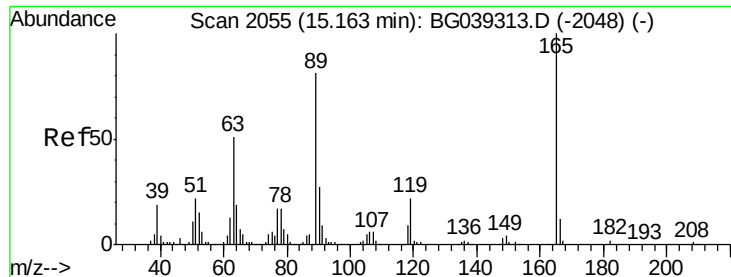
Sohil
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#56
4-Nitrophenol
Concen: 92.341 ng
RT: 14.99 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BG039442.D
Acq: 11 Feb 2019 20:10

Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.6	61.9	101.9
65	104.7	99.1	139.1





#57

2,4-Dinitrotoluene

Concen: 58.044 ng

RT: 15.16 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BG039442.D

Acq: 11 Feb 2019 20:10

Instrument :

BNA_G

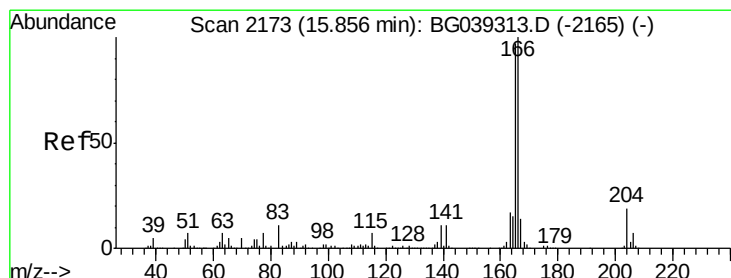
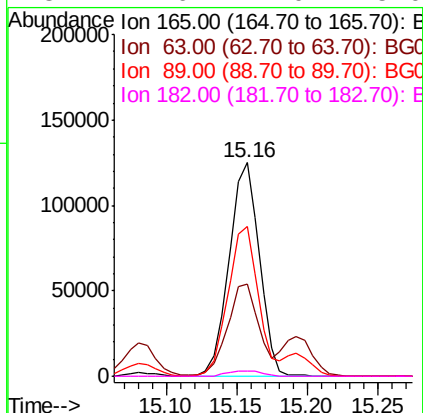
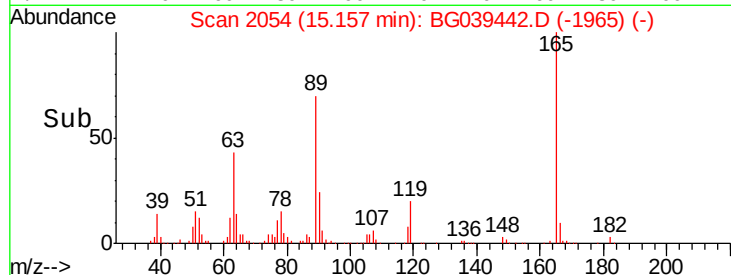
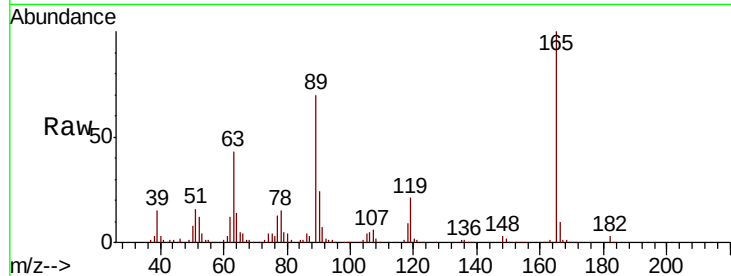
ClientSampleId :

SU-03-020819-AMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	186482		
63	42.9	41.0	61.6	
89	69.9	64.6	96.8	
182	2.6	2.0	3.0	

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#58

Fluorene

Concen: 47.890 ng

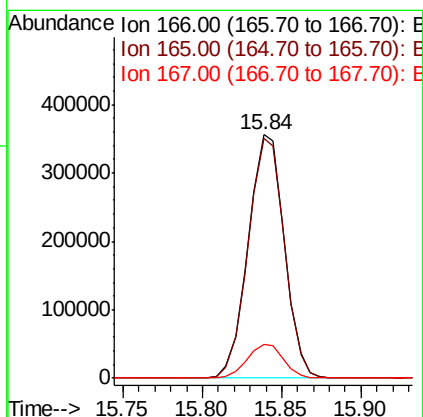
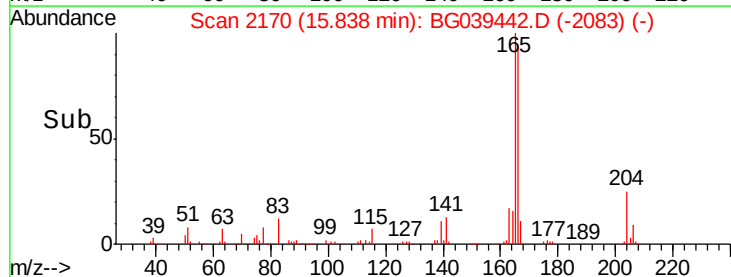
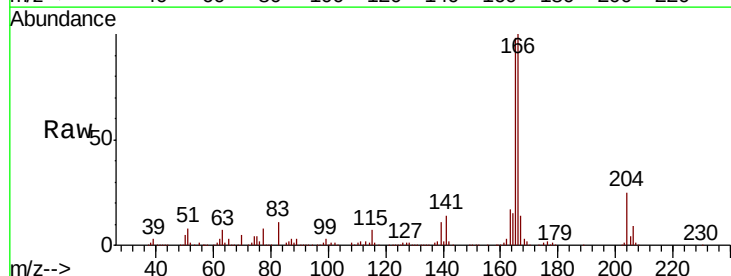
RT: 15.84 min Scan# 2170

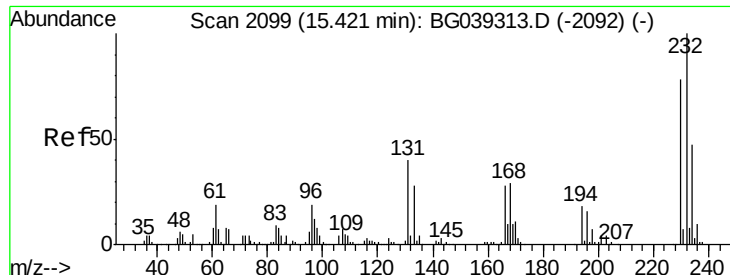
Delta R.T. -0.02 min

Lab File: BG039442.D

Acq: 11 Feb 2019 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	564076		
165	98.2	77.9	116.9	
167	13.7	10.8	16.2	





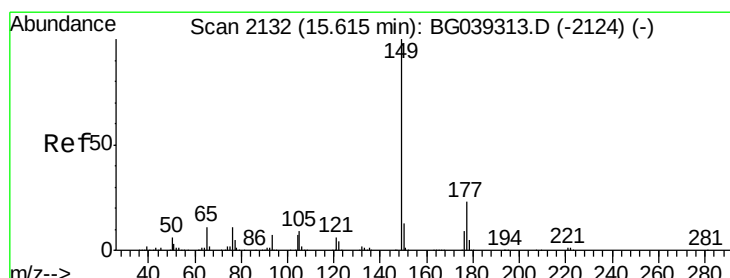
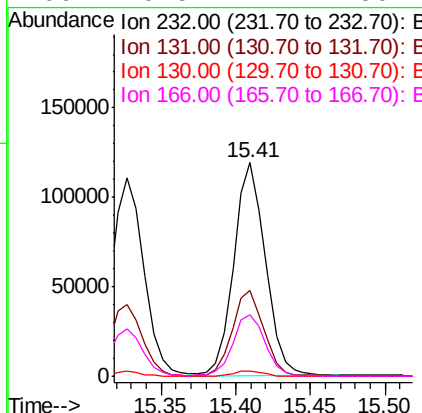
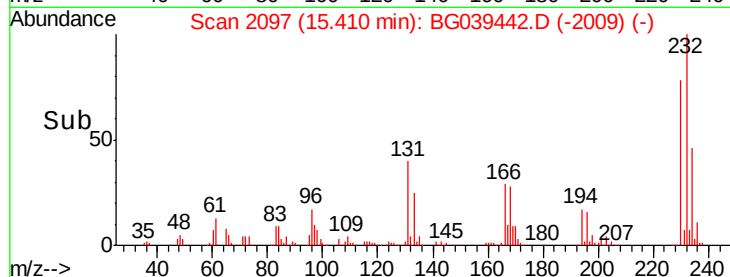
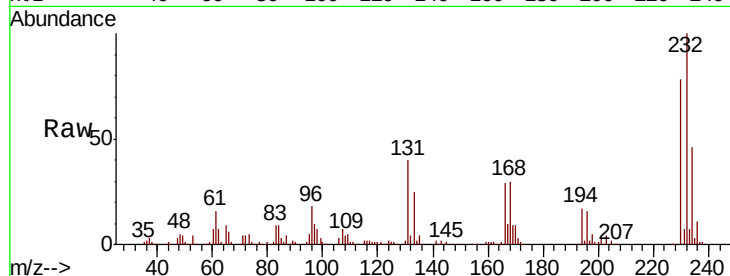
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 56.970 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BG039442.D
 Acq: 11 Feb 2019 20:10

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100				
131	40.3		34.9	52.3	
130	2.4		2.0	3.0	
166	29.5		24.1	36.1	

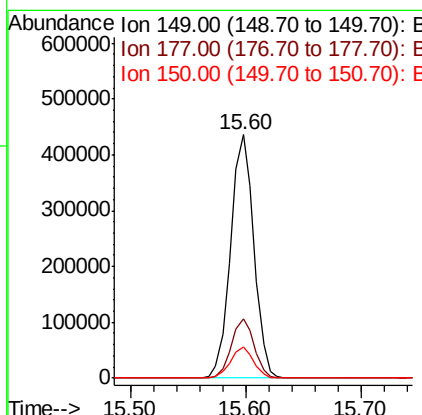
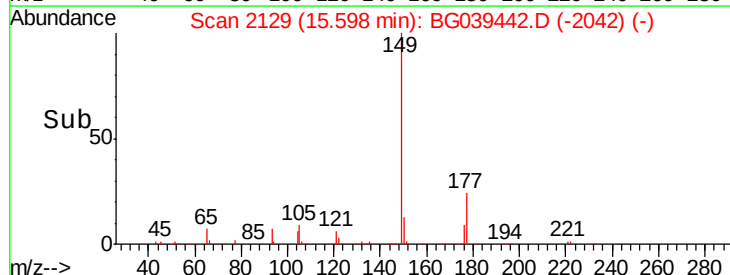
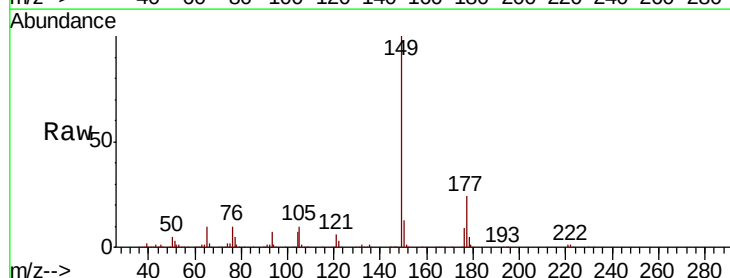
Manual Integrations
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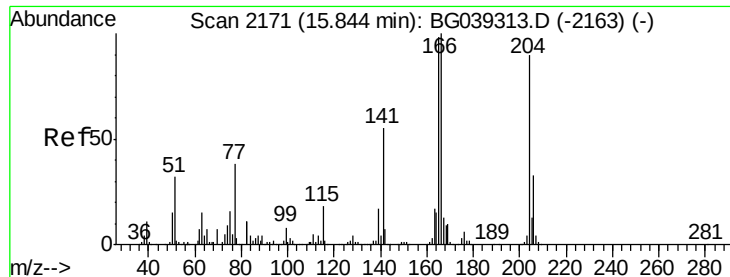
Sohil
 2/12/2019 12:07:44 PM



#60
 Diethylphthalate
 Concen: 44.964 ng
 RT: 15.60 min Scan# 2129
 Delta R.T. -0.02 min
 Lab File: BG039442.D
 Acq: 11 Feb 2019 20:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
177	24.4		18.3	27.5	
150	13.0		10.2	15.2	





#61

4-Chlorophenyl-phenylether

Concen: 44.803 ng

RT: 15.83 min Scan# 2168

Delta R.T. -0.02 min

Lab File: BG039442.D

Acq: 11 Feb 2019 20:10

Instrument :

BNA_G

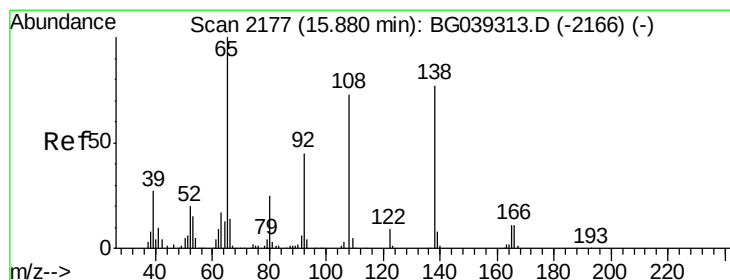
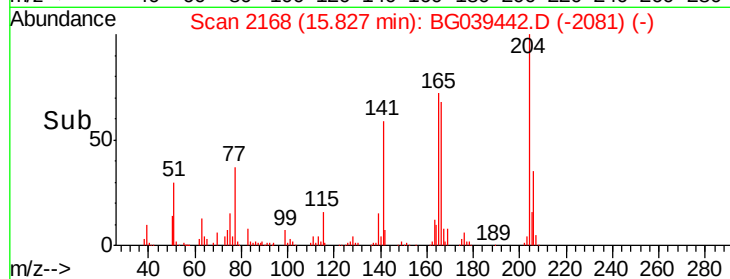
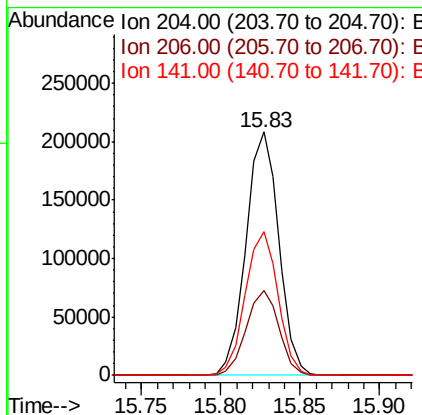
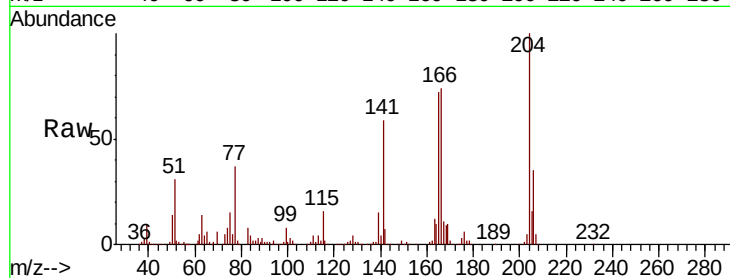
ClientSampleId :

SU-03-020819-AMS

Tot Ion:	204	Resp:	298807
Ion Ratio	Lower	Upper	
204	100		
206	34.6	29.2	43.8
141	59.1	49.0	73.4

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#62

4-Nitroaniline

Concen: 46.665 ng

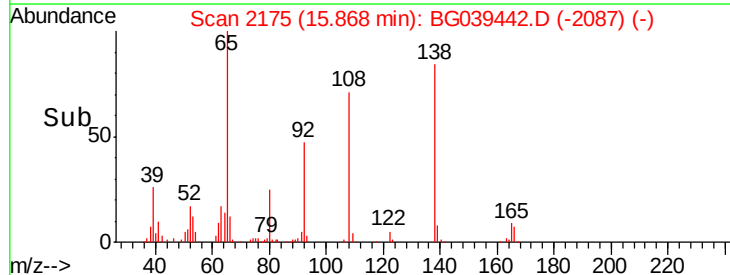
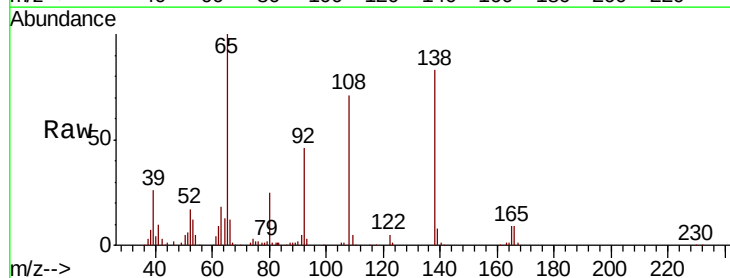
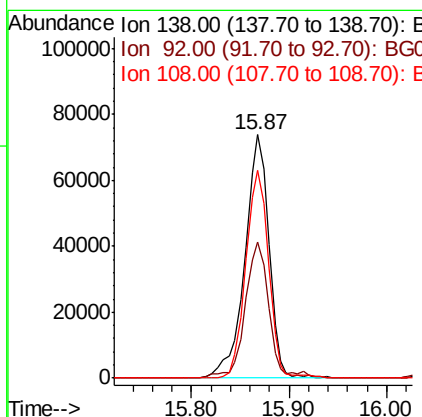
RT: 15.87 min Scan# 2175

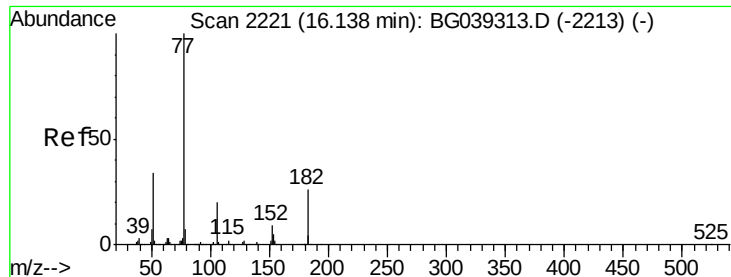
Delta R.T. -0.01 min

Lab File: BG039442.D

Acq: 11 Feb 2019 20:10

Tgt Ion:	138	Resp:	126689
Ion Ratio	Lower	Upper	
138	100		
92	55.9	38.7	78.7
108	85.3	74.6	114.6





#63

Azobenzene

Concen: 41.031 ng

RT: 16.12 min Scan# 2218

Delta R.T. -0.02 min

Lab File: BG039442.D

Acq: 11 Feb 2019 20:10

Instrument :

BNA_G

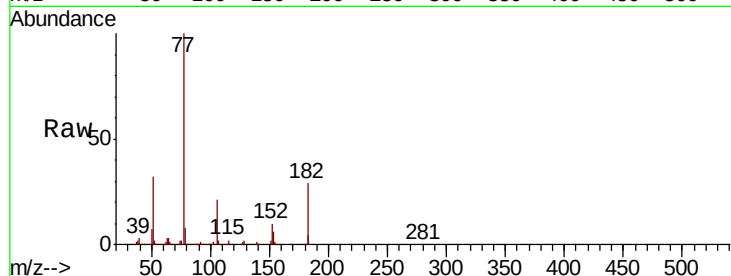
ClientSampleId :

SU-03-020819-AMS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	29.0	6.4	46.4	
105	20.8	0.0	39.8	
51	32.0	14.1	54.1	

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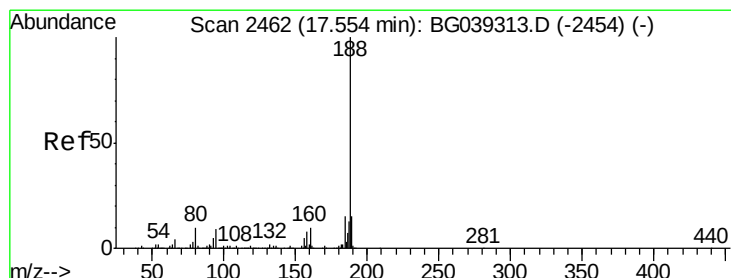
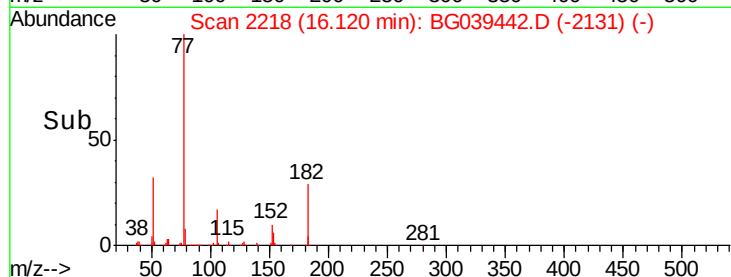
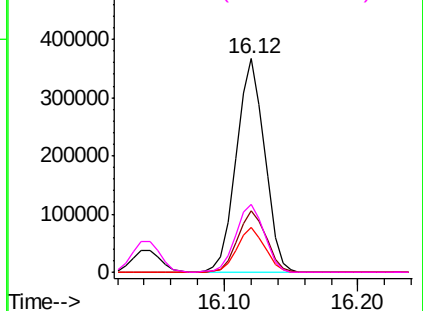


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG039442.D

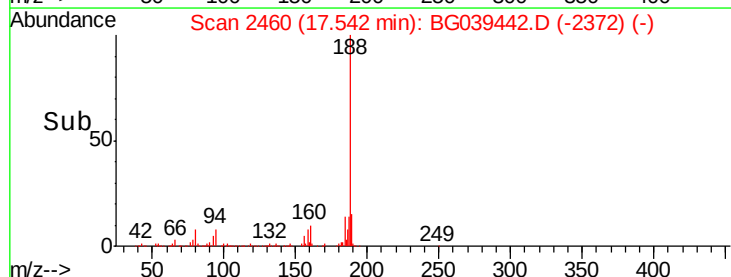
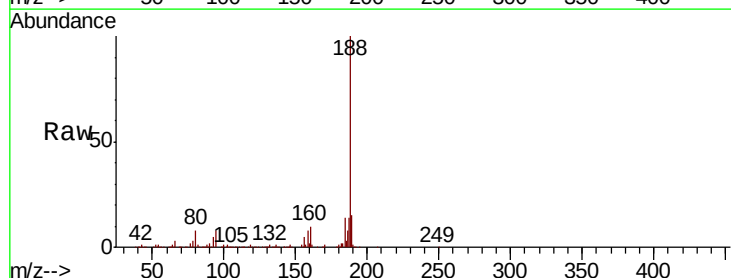
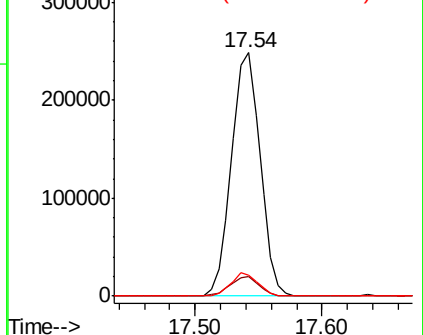
Acq: 11 Feb 2019 20:10

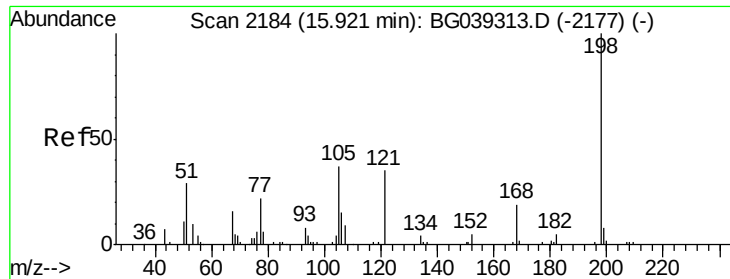
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.8	6.9	10.3	
80	8.5	8.1	12.1	

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: 62.218 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG039442.D

Acq: 11 Feb 2019 20:10

Instrument :

BNA_G

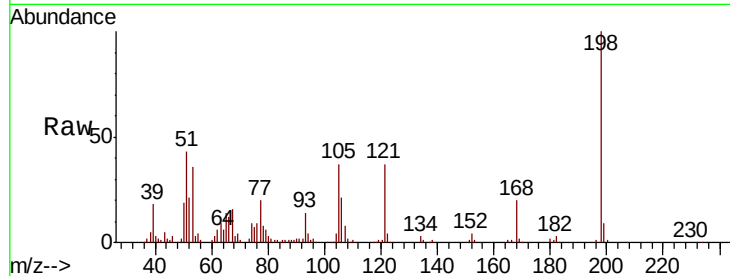
ClientSampleId :

SU-03-020819-AMS

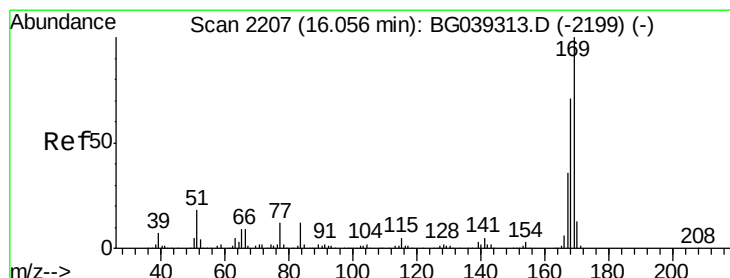
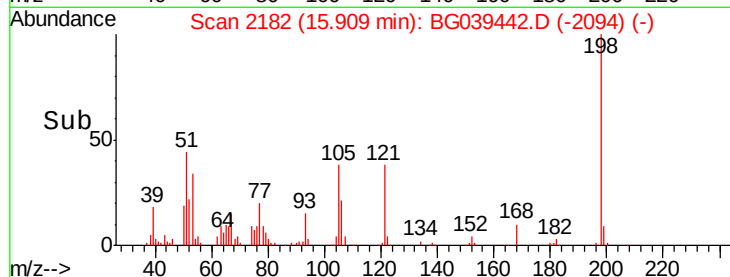
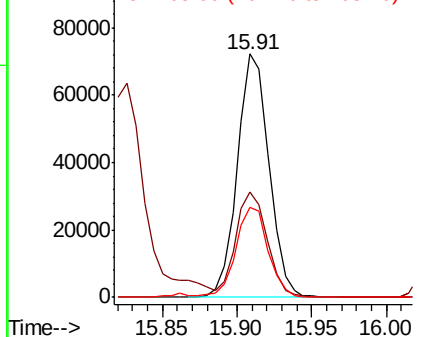
Tot Ion:	198	Resp:	106429
Ion Ratio	Lower	Upper	
198	100		
51	43.5	27.4	67.4
105	37.2	19.7	59.7

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



#66

n-Nitrosodiphenylamine

Concen: 44.086 ng

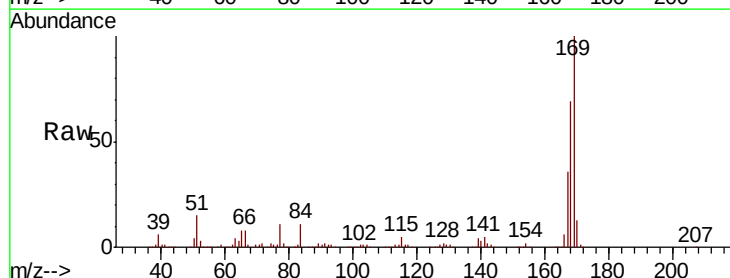
RT: 16.04 min Scan# 2205

Delta R.T. -0.01 min

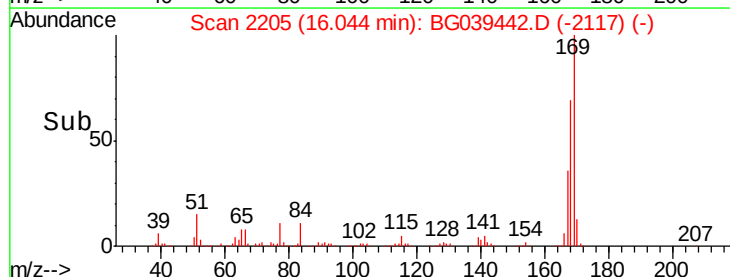
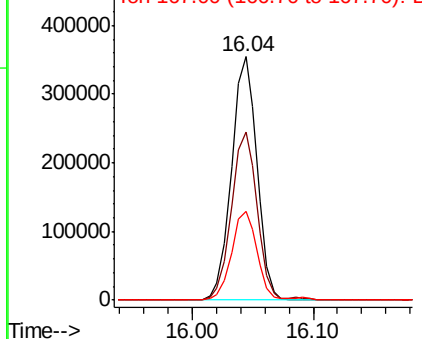
Lab File: BG039442.D

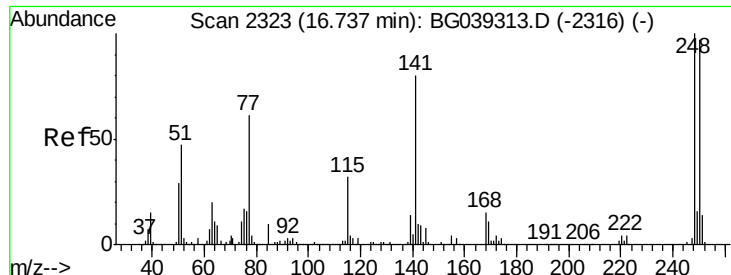
Acq: 11 Feb 2019 20:10

Tgt Ion:	169	Resp:	521103
Ion Ratio	Lower	Upper	
169	100		
168	69.2	56.6	85.0
167	36.4	28.8	43.2



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





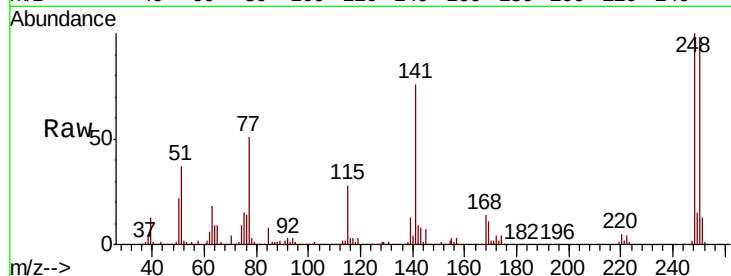
#67
 4-Bromophenyl-phenylether
 Concen: 46.113 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.02 min
 Lab File: BG039442.D
 Acq: 11 Feb 2019 20:10

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	77.6	116.4
141	75.5	63.9	95.9

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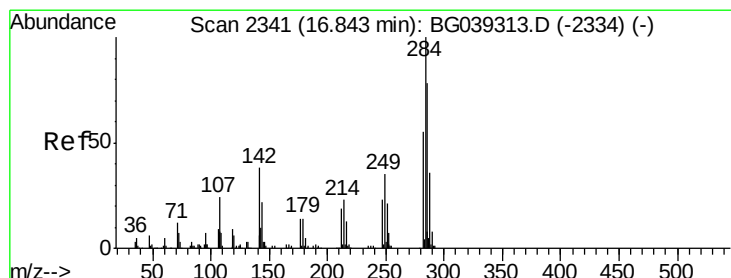
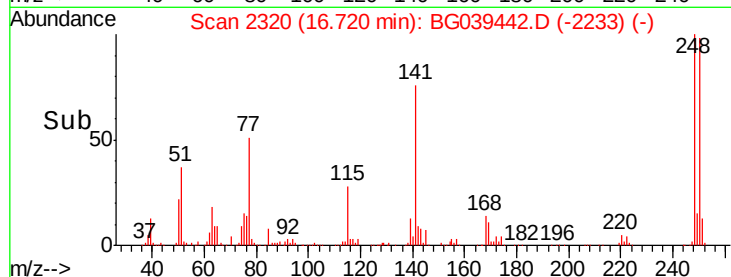
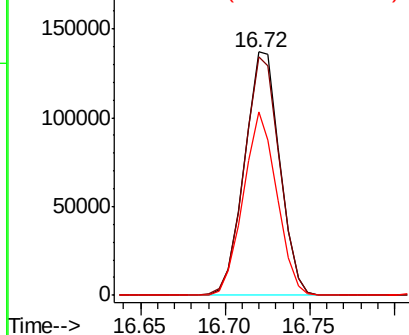


Abundance

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: 47.307 ng
 RT: 16.83 min Scan# 2339
 Delta R.T. -0.01 min
 Lab File: BG039442.D
 Acq: 11 Feb 2019 20:10

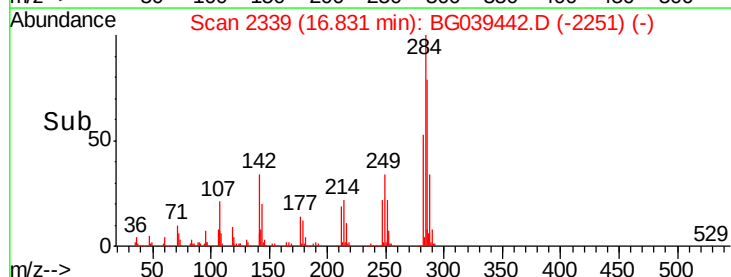
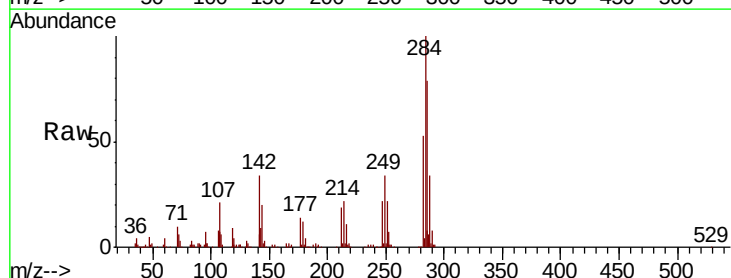
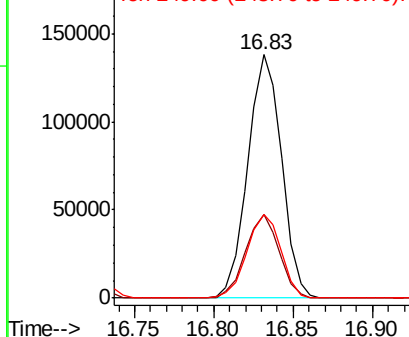
Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.1	30.6	45.8
249	34.4	28.2	42.2

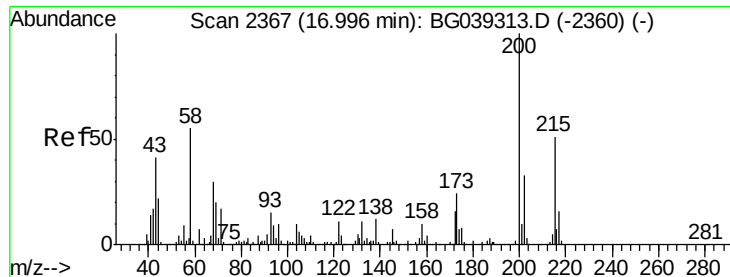
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





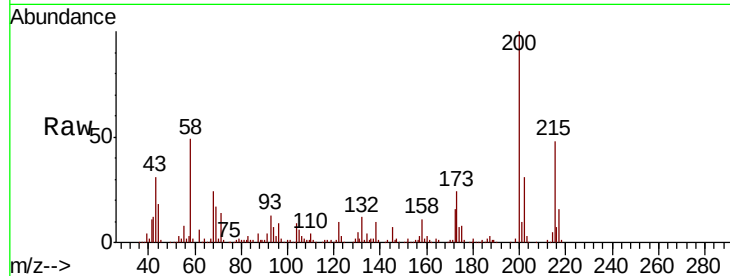
#69
Atrazine
Concen: 48.400 ng
RT: 16.98 min Scan# 2365
Delta R.T. -0.01 min
Lab File: BG039442.D
Acq: 11 Feb 2019 20:10

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

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	23.9	3.9	43.9
215	47.5	30.9	70.9

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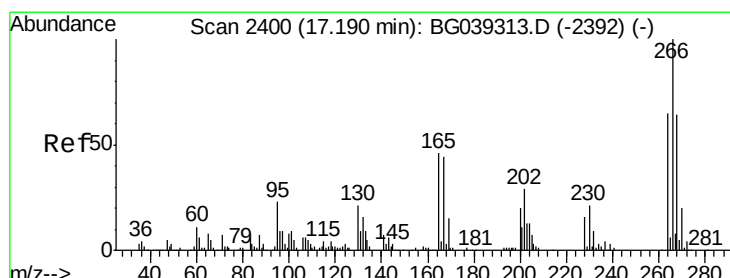
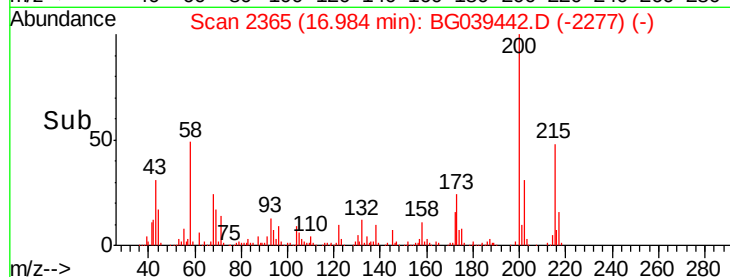
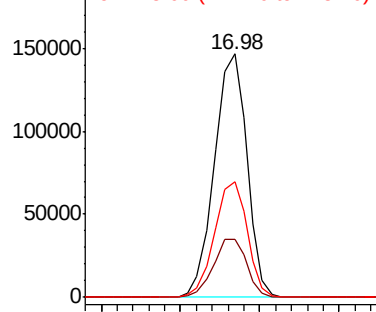


Abundance

Ion 200.00 (199.70 to 200.70): E

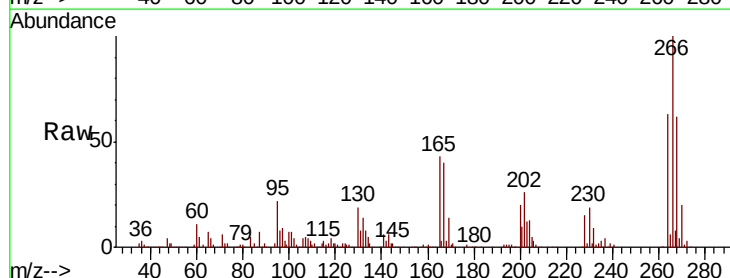
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 89.648 ng
RT: 17.18 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BG039442.D
Acq: 11 Feb 2019 20:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.3	51.1	76.7
264	63.4	52.1	78.1

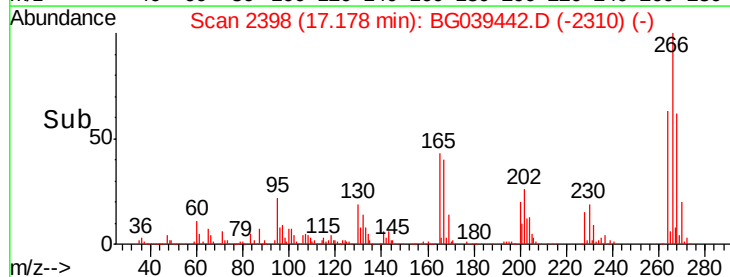
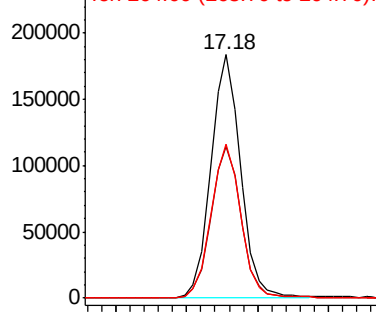


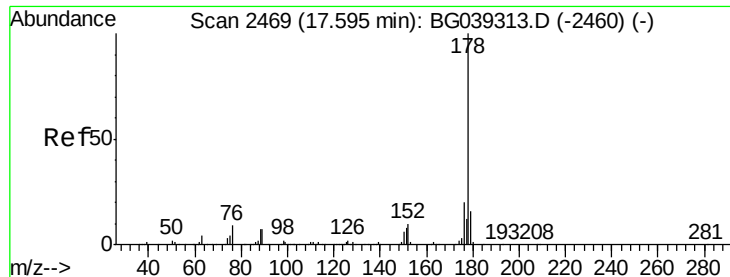
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





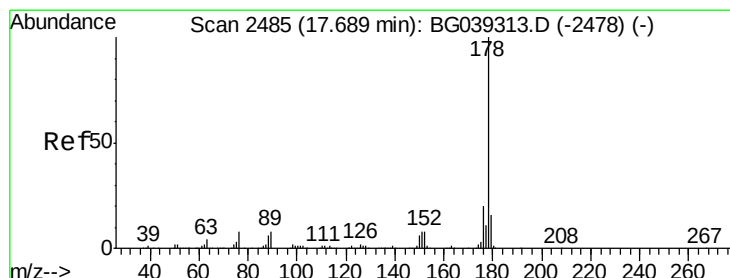
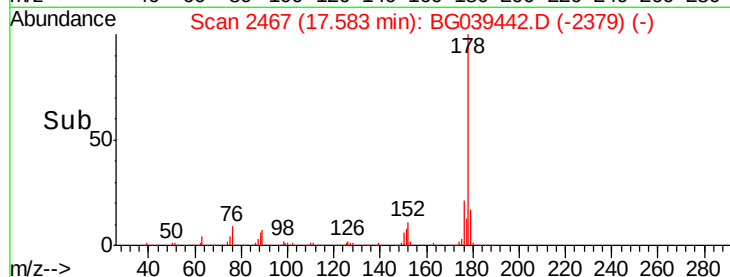
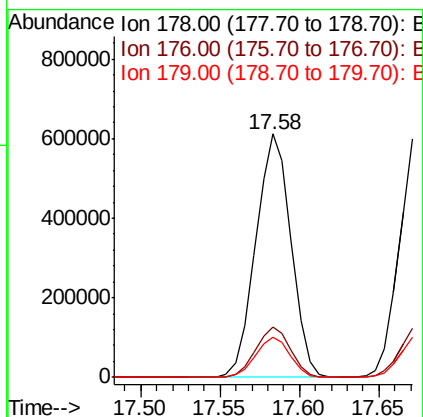
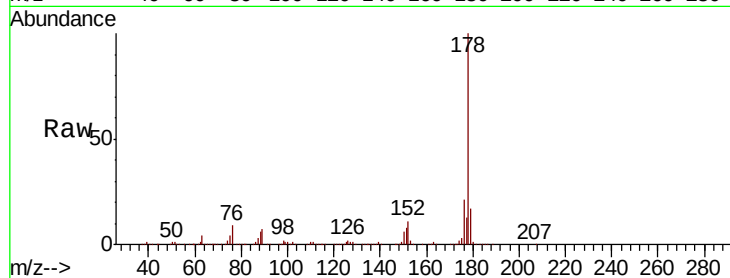
#71
Phenanthrene
Concen: 46.876 ng
RT: 17.58 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BG039442.D
Acq: 11 Feb 2019 20:10

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.2	24.4
179	16.6	12.6	19.0

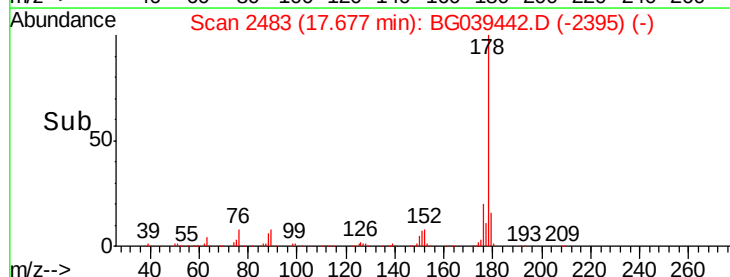
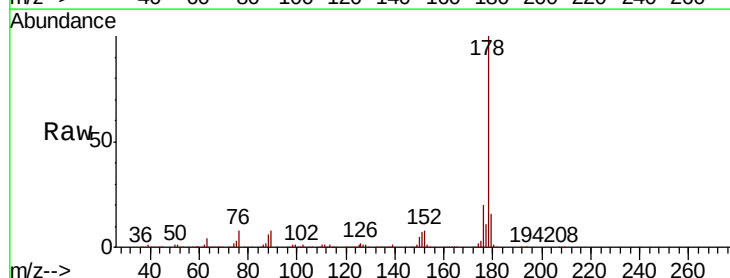
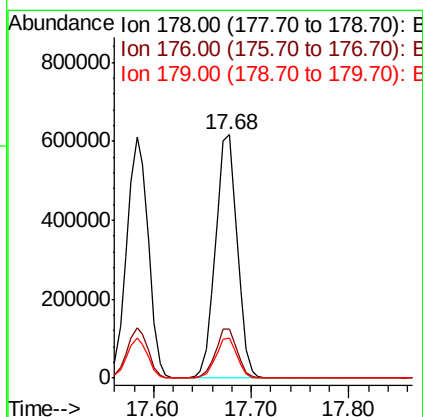
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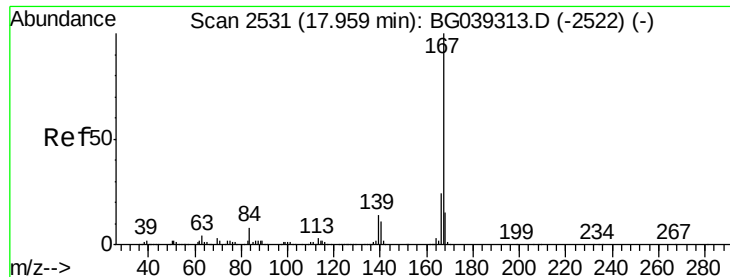
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#72
Anthracene
Concen: 48.189 ng
RT: 17.68 min Scan# 2483
Delta R.T. -0.01 min
Lab File: BG039442.D
Acq: 11 Feb 2019 20:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.6
179	16.2	12.5	18.7





#73

Carbazole

Concen: 43.016 ng

RT: 17.94 min Scan# 2528

Delta R.T. -0.02 min

Lab File: BG039442.D

Acq: 11 Feb 2019 20:10

Instrument :

BNA_G

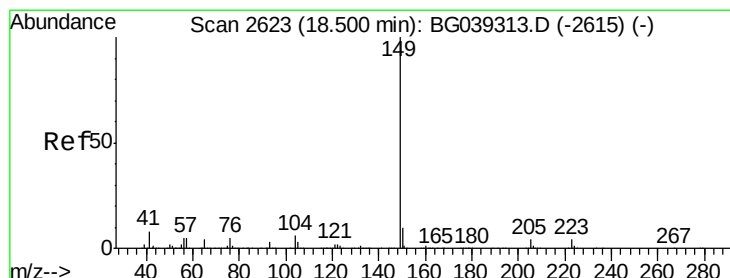
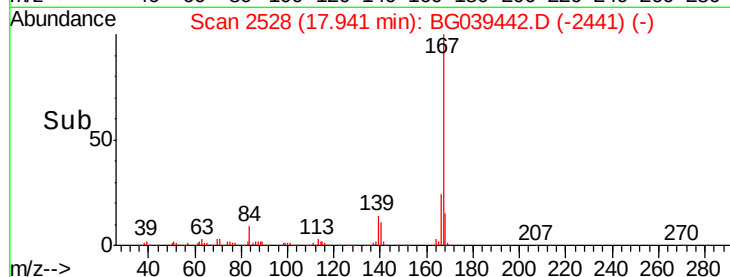
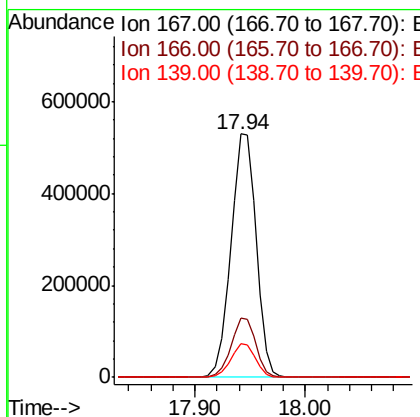
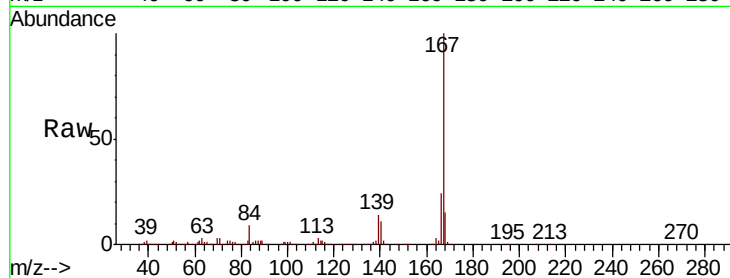
ClientSampleId :

SU-03-020819-AMS

Tot Ion:	167	Resp:	850784
Ion Ratio	Lower	Upper	
167	100		
166	24.2	19.4	29.2
139	13.9	10.8	16.2

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#74

Di-n-butylphthalate

Concen: 44.299 ng

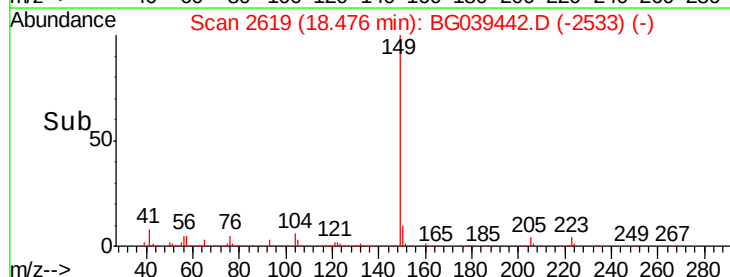
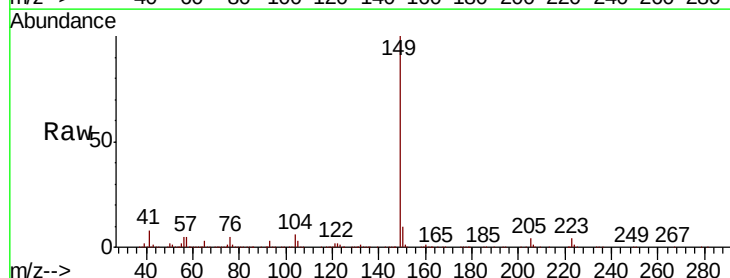
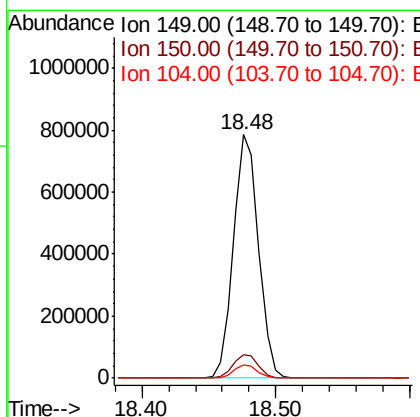
RT: 18.48 min Scan# 2619

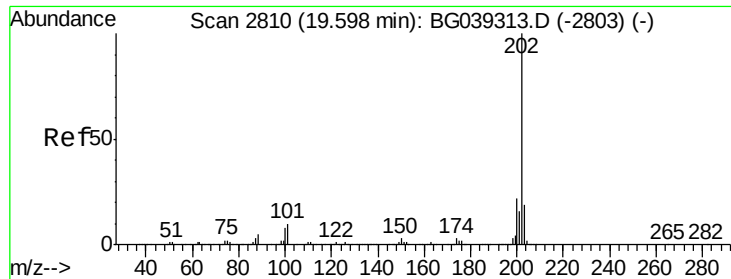
Delta R.T. -0.02 min

Lab File: BG039442.D

Acq: 11 Feb 2019 20:10

Tgt Ion:	149	Resp:	1022152
Ion Ratio	Lower	Upper	
149	100		
150	9.8	7.7	11.5
104	5.5	4.5	6.7





#75

Fluoranthene

Concen: 47.865 ng

RT: 19.59 min Scan# 2808

Delta R.T. -0.01 min

Lab File: BG039442.D

Acq: 11 Feb 2019 20:10

Instrument :

BNA_G

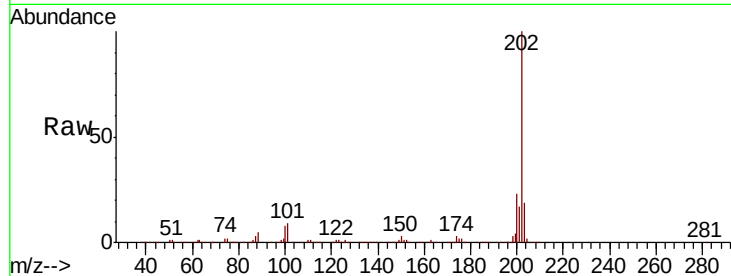
ClientSampleId :

SU-03-020819-AMS

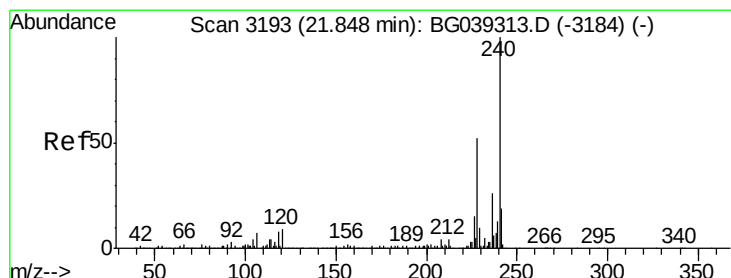
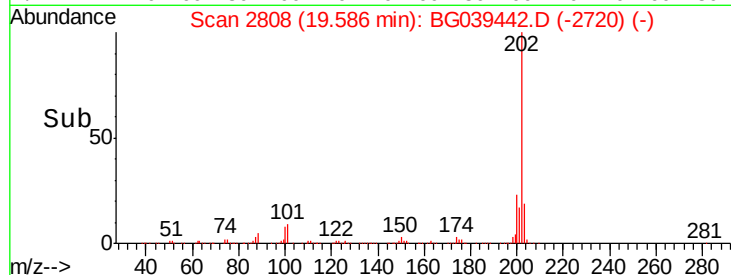
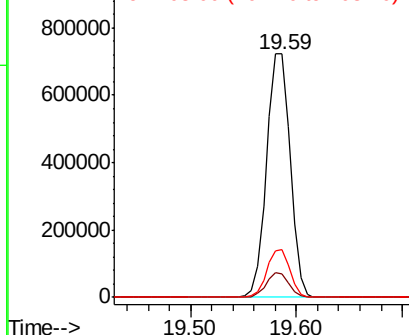
Tot Ion:	202	Resp:	1117802
Ion Ratio	Lower	Upper	
202	100		
101	9.4	0.0	30.0
203	19.4	0.0	38.9

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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

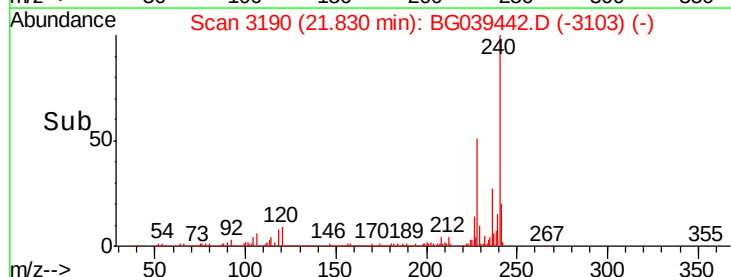
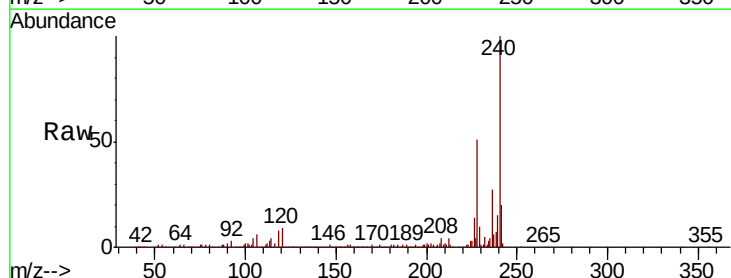
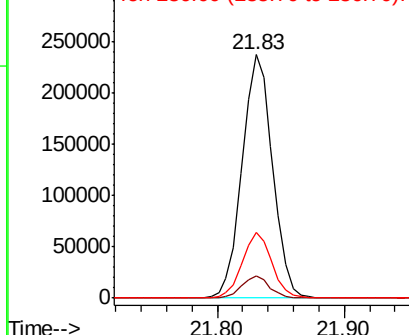
Delta R.T. -0.02 min

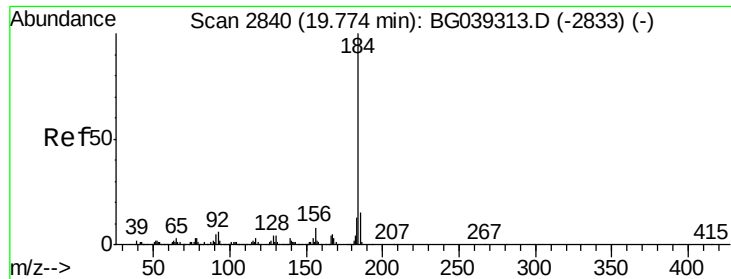
Lab File: BG039442.D

Acq: 11 Feb 2019 20:10

Tgt Ion:	240	Resp:	394821
Ion Ratio	Lower	Upper	
240	100		
120	8.9	7.0	10.6
236	27.1	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: 9.897 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BG039442.D

Acq: 11 Feb 2019 20:10

Instrument :

BNA_G

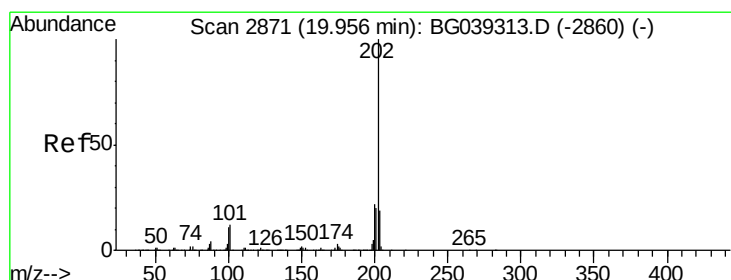
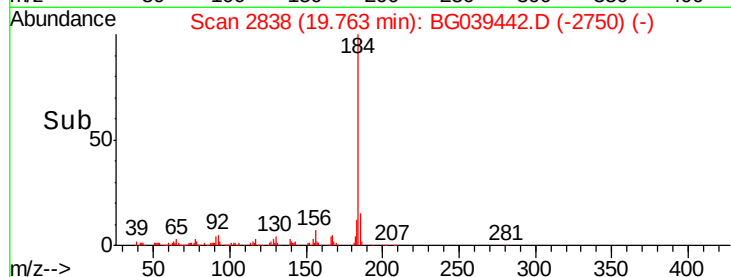
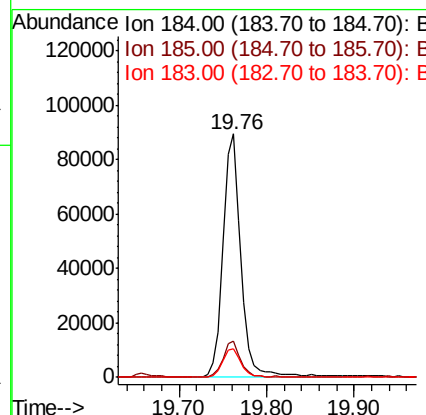
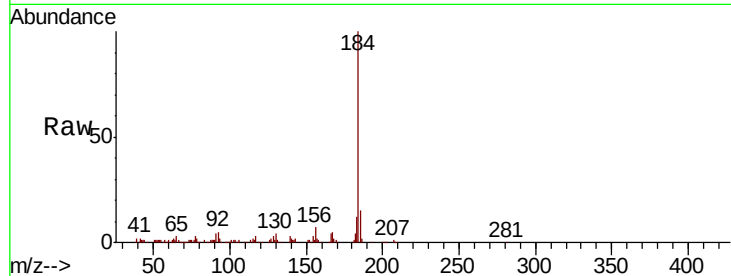
ClientSampleId :

SU-03-020819-AMS

Tot Ion:	184	Resp:	128108
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.2	18.2
183	11.9	10.6	15.8

Manual Integrations
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#78

Pyrene

Concen: 45.773 ng

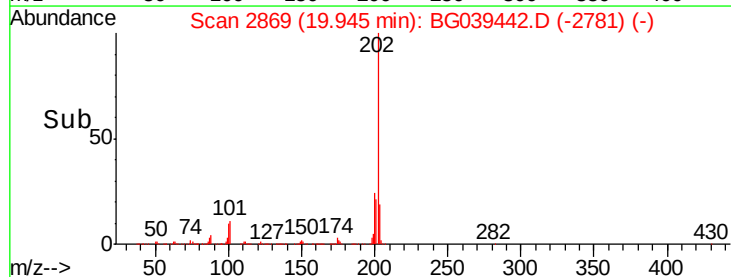
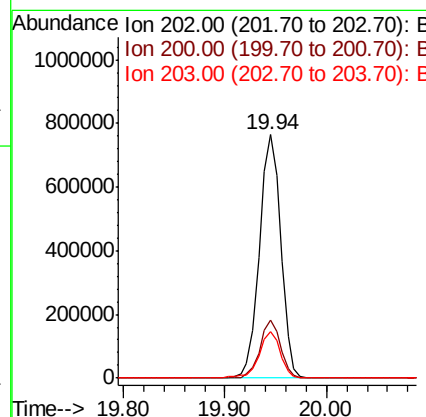
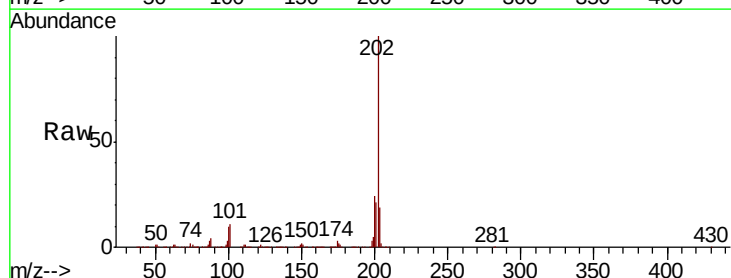
RT: 19.94 min Scan# 2869

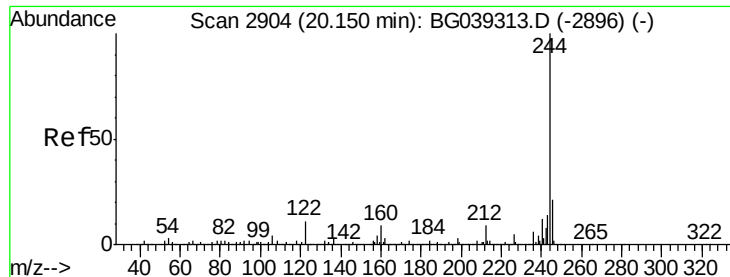
Delta R.T. -0.01 min

Lab File: BG039442.D

Acq: 11 Feb 2019 20:10

Tgt Ion:	202	Resp:	1125036
Ion Ratio	Lower	Upper	
202	100		
200	23.7	17.8	26.8
203	19.2	15.3	22.9





#79

Terphenyl-d14

Concen: 82.635 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039442.D

Acq: 11 Feb 2019 20:10

Instrument :

BNA_G

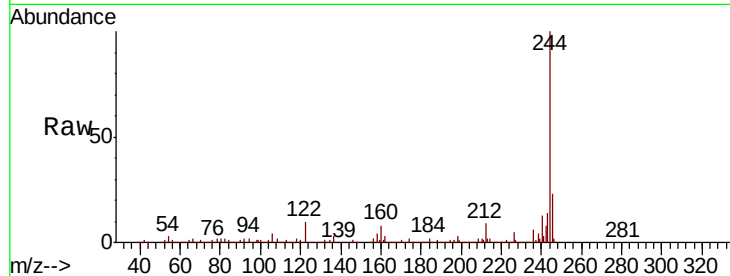
ClientSampleId :

SU-03-020819-AMS

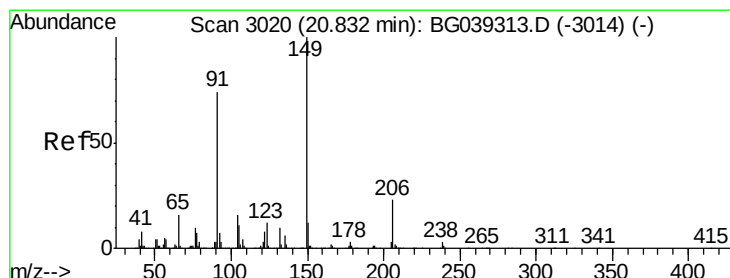
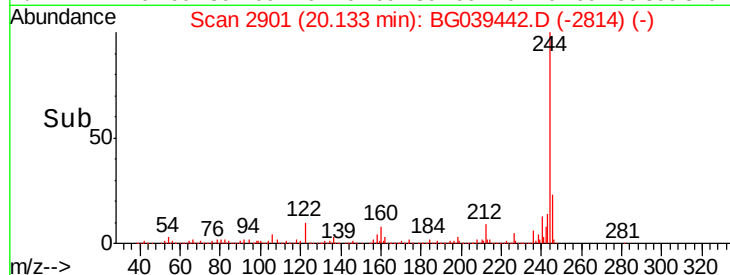
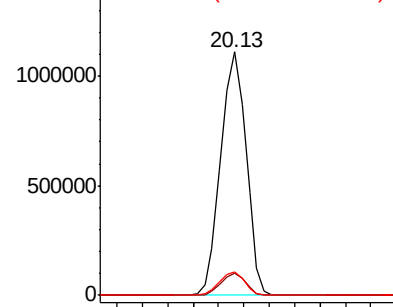
Tot Ion:	244	Resp:	1541380
Ion Ratio		Lower	Upper
244	100		
212	9.0	7.3	10.9
122	9.8	8.4	12.6

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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: 46.442 ng

RT: 20.81 min Scan# 3017

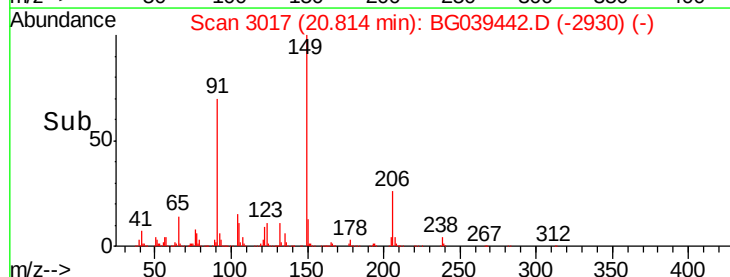
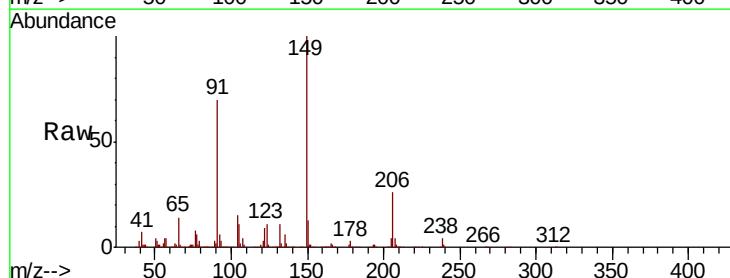
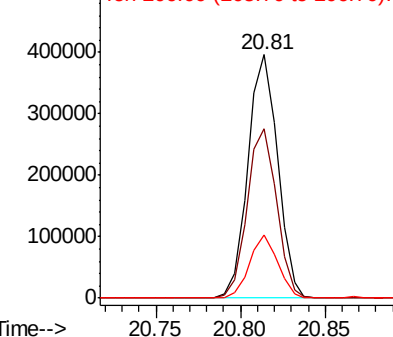
Delta R.T. -0.02 min

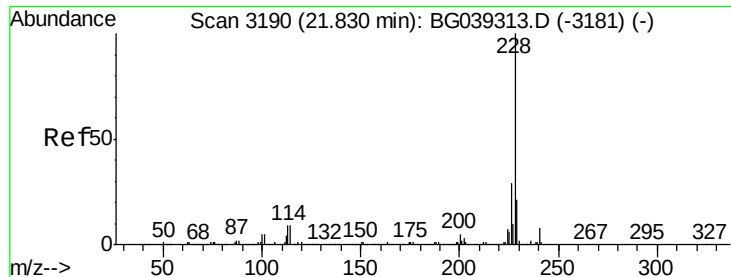
Lab File: BG039442.D

Acq: 11 Feb 2019 20:10

Tgt Ion:	149	Resp:	481515
Ion Ratio		Lower	Upper
149	100		
91	69.7	59.5	89.3
206	25.7	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: 47.802 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG039442.D

Acq: 11 Feb 2019 20:10

Instrument :

BNA_G

ClientSampleId :

SU-03-020819-AMS

Tot Ion:228 Resp: 1115206

Ion Ratio Lower Upper

228 100

226 28.8 23.0 34.6

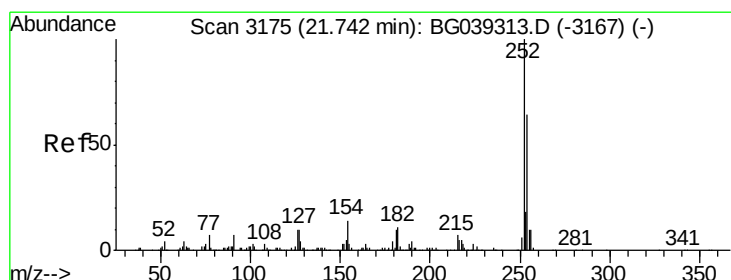
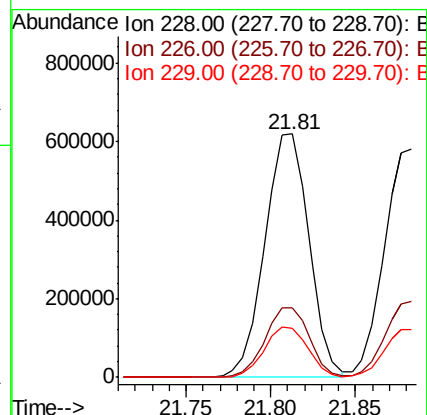
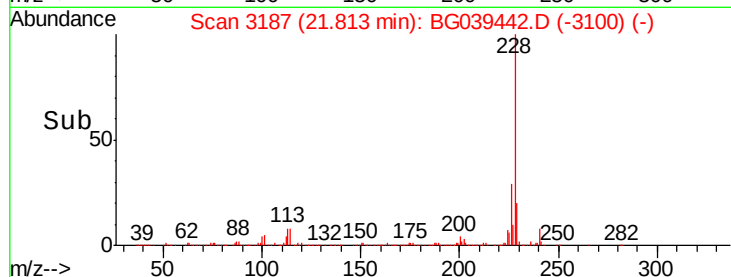
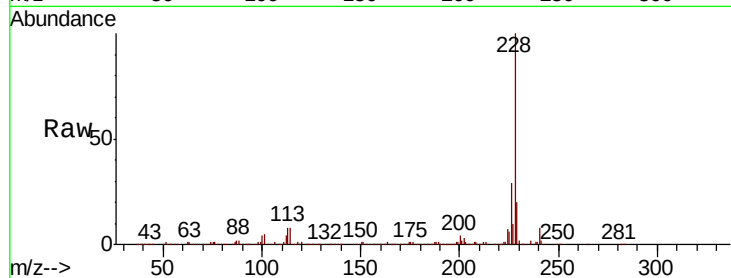
229 20.4 16.9 25.3

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#82

3,3'-Dichlorobenzidine

Concen: 11.239 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.02 min

Lab File: BG039442.D

Acq: 11 Feb 2019 20:10

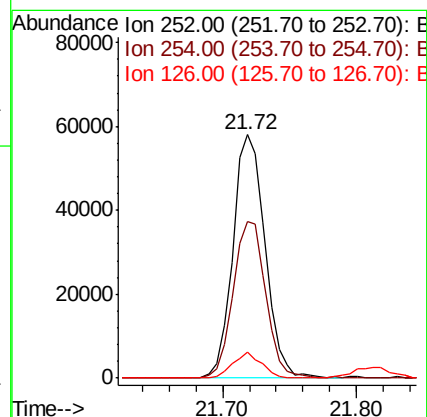
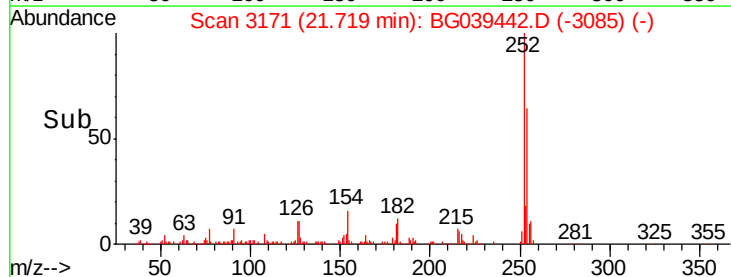
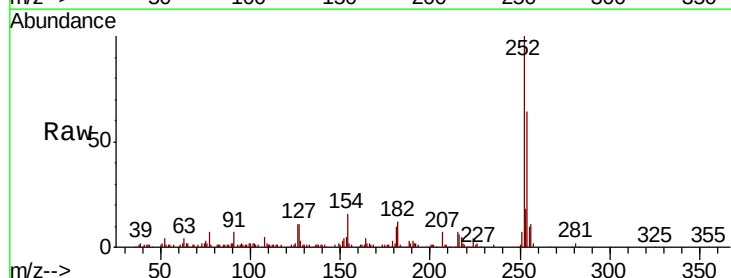
Tgt Ion:252 Resp: 97224

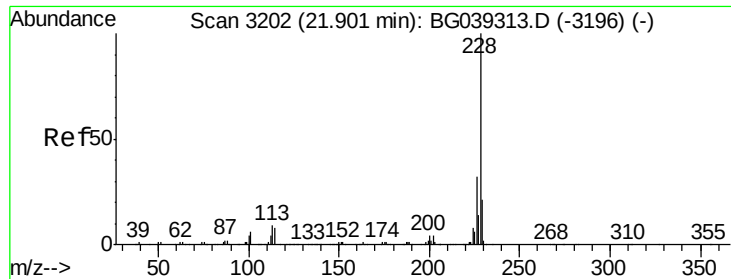
Ion Ratio Lower Upper

252 100

254 64.3 51.3 76.9

126 10.6 8.0 12.0





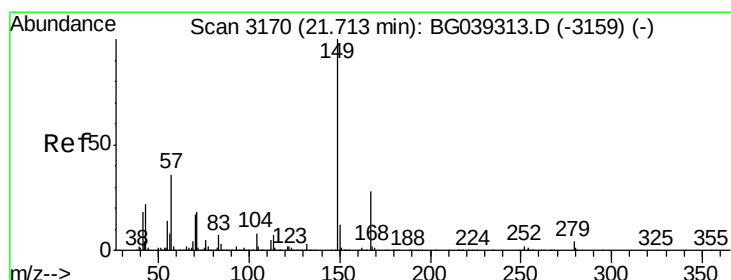
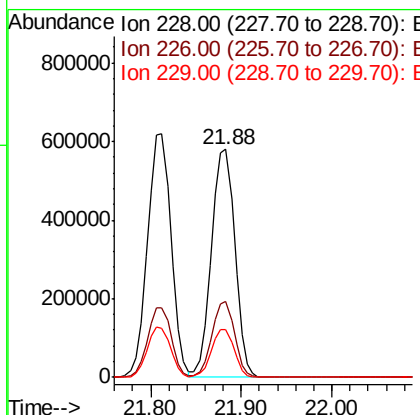
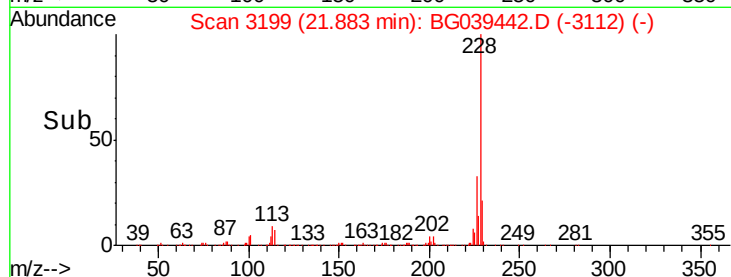
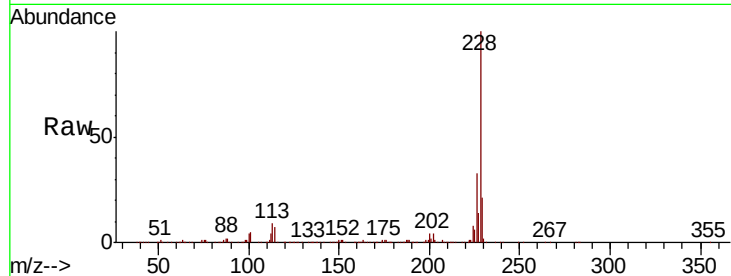
#83
Chrysene
Concen: 47.078 ng
RT: 21.88 min Scan# 3199
Delta R.T. -0.02 min
Lab File: BG039442.D
Acq: 11 Feb 2019 20:10

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.1	25.8	38.6
229	21.0	16.6	25.0

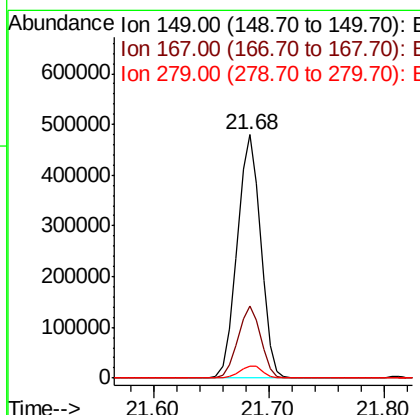
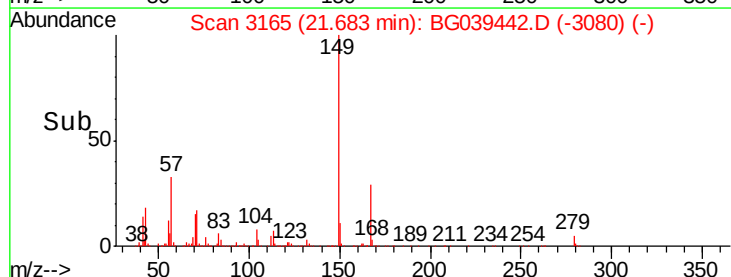
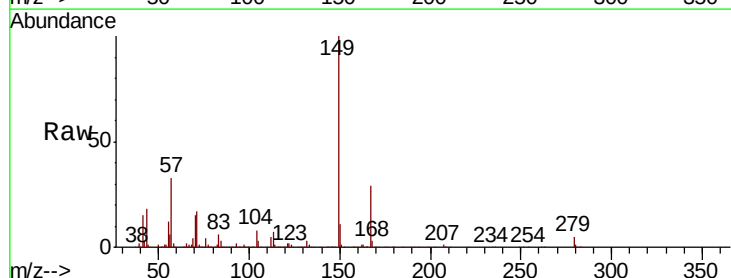
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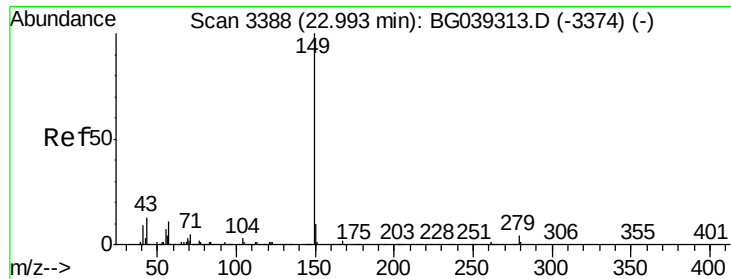
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 45.649 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.03 min
Lab File: BG039442.D
Acq: 11 Feb 2019 20:10

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.4	22.6	34.0
279	5.0	3.5	5.3





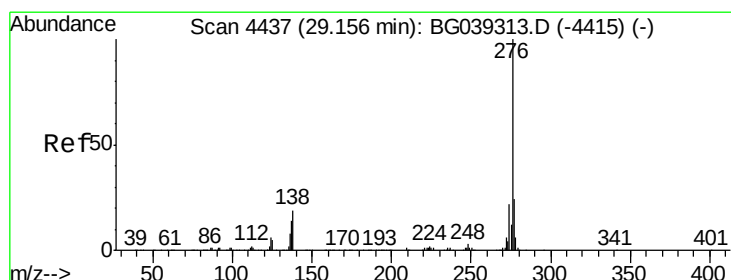
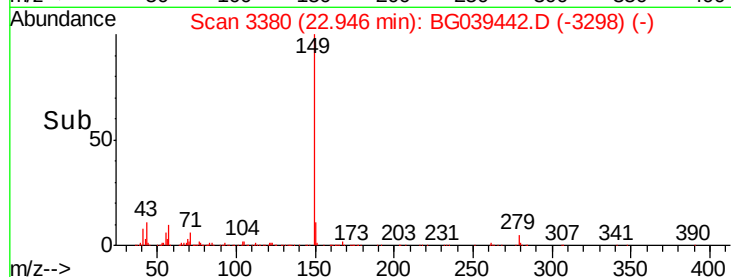
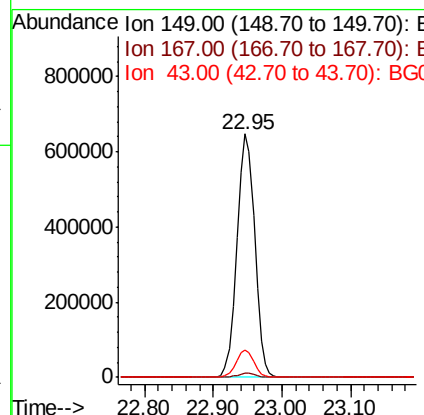
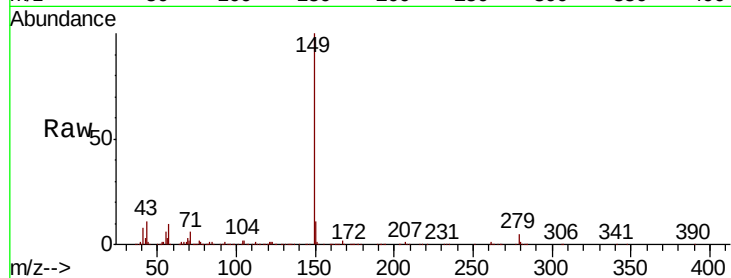
#85
Di-n-octyl phthalate
Concen: 47.450 ng
RT: 22.95 min Scan# 3380
Delta R.T. -0.05 min
Lab File: BG039442.D
Acq: 11 Feb 2019 20:10

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

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	11.1	10.2	15.4

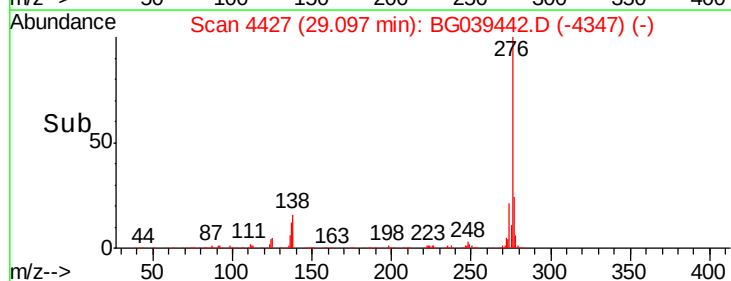
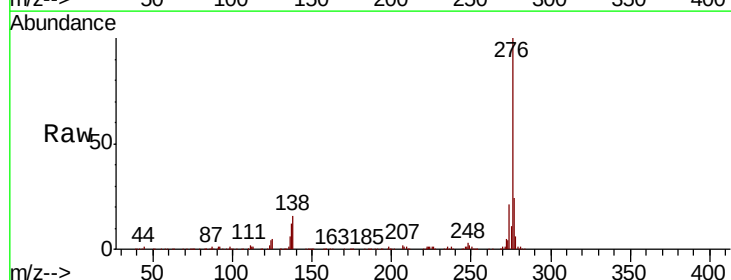
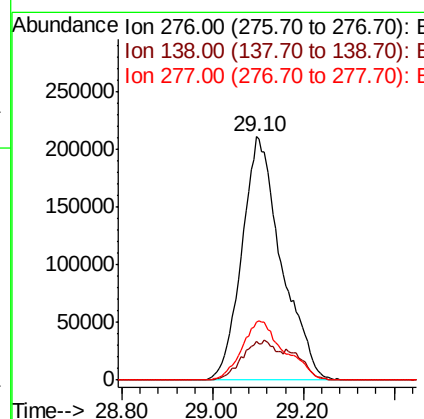
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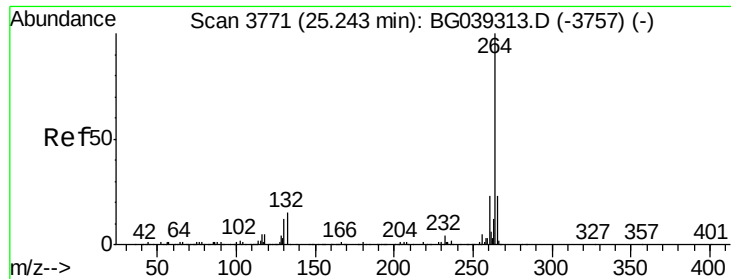
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 53.477 ng
RT: 29.10 min Scan# 4427
Delta R.T. -0.06 min
Lab File: BG039442.D
Acq: 11 Feb 2019 20:10

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.7	12.6	19.0
277	26.0	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: BG039442.D

Acq: 11 Feb 2019 20:10

Instrument :

BNA_G

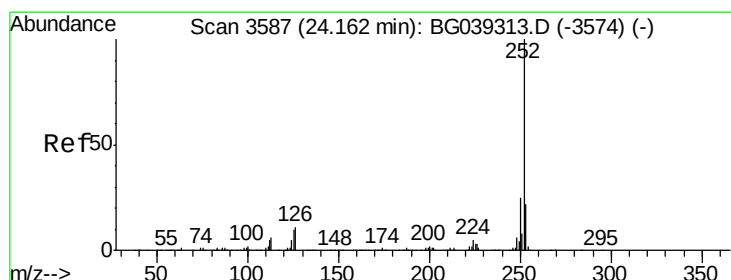
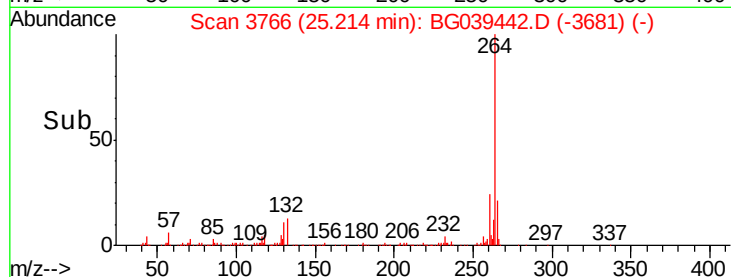
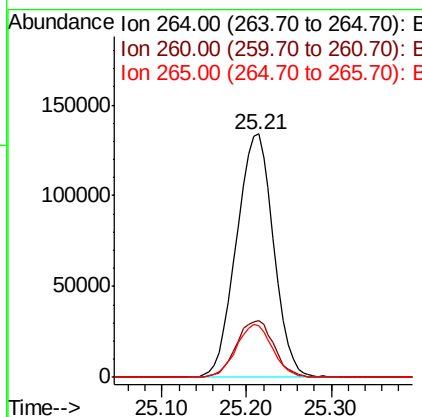
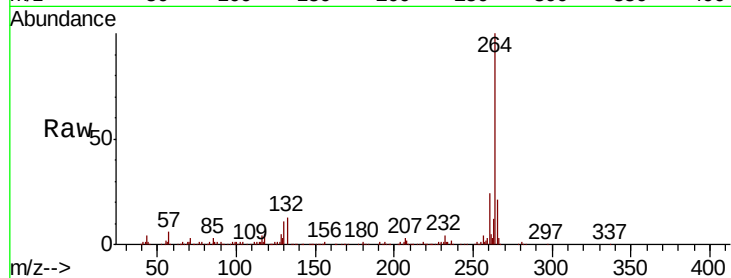
ClientSampleId :

SU-03-020819-AMS

Tot Ion:	264	Resp:	407765
Ion Ratio		Lower	Upper
264	100		
260	23.6	18.2	27.4
265	21.2	18.5	27.7

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#88

Benzo(b)fluoranthene

Concen: 49.375 ng

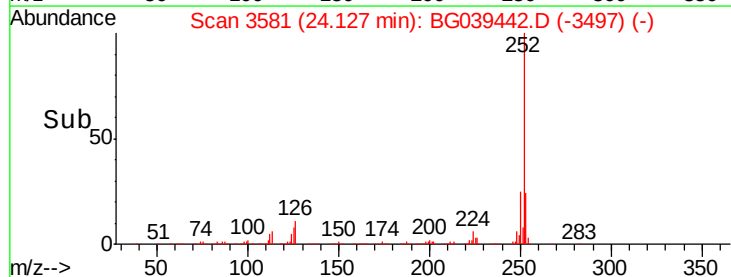
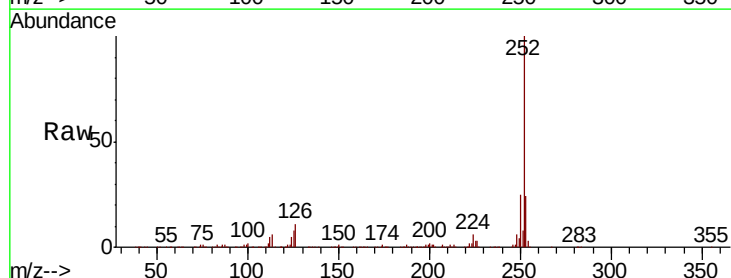
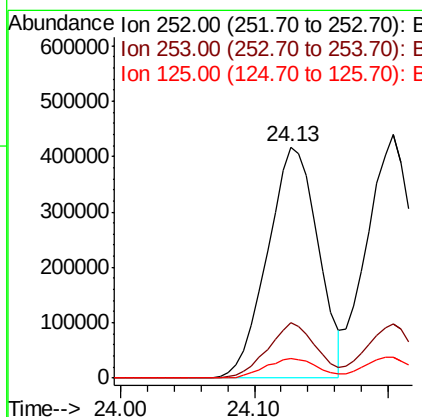
RT: 24.13 min Scan# 3581

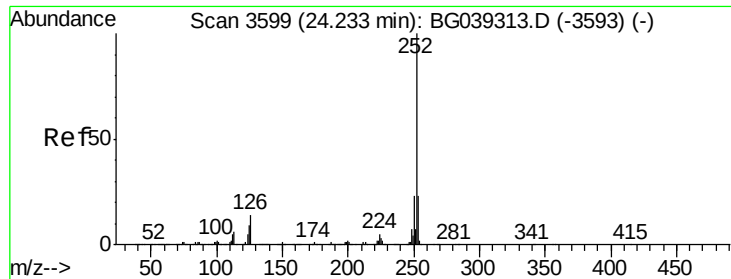
Delta R.T. -0.04 min

Lab File: BG039442.D

Acq: 11 Feb 2019 20:10

Tgt Ion:	252	Resp:	1097985
Ion Ratio		Lower	Upper
252	100		
253	24.1	17.8	26.8
125	8.4	7.8	11.6





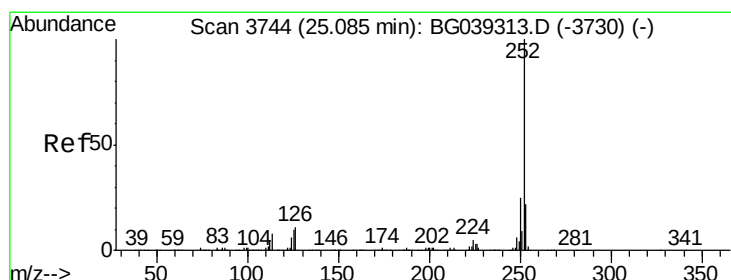
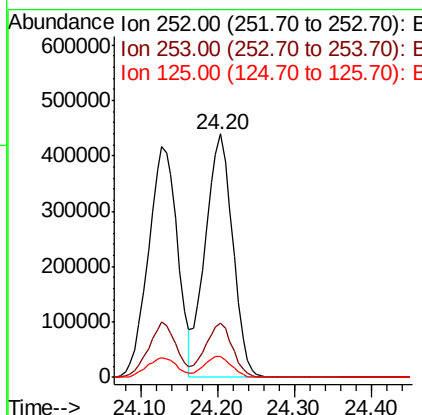
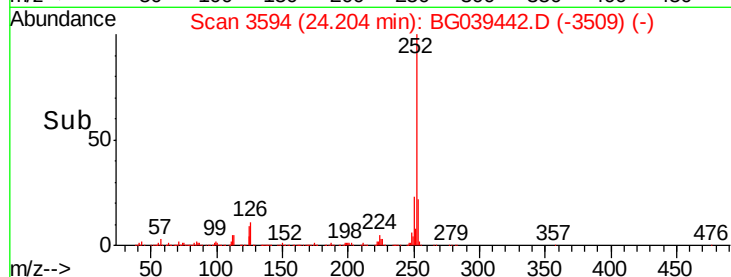
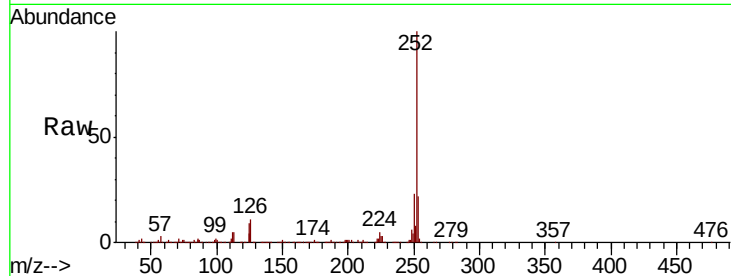
#89
Benzo(k)fluoranthene
Concen: 48.030 ng
RT: 24.20 min Scan# 3594
Delta R.T. -0.03 min
Lab File: BG039442.D
Acq: 11 Feb 2019 20:10

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	8.7	7.4	11.2

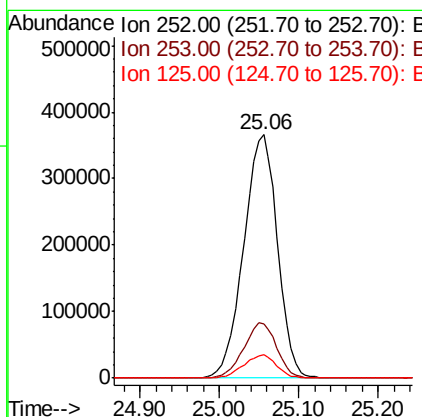
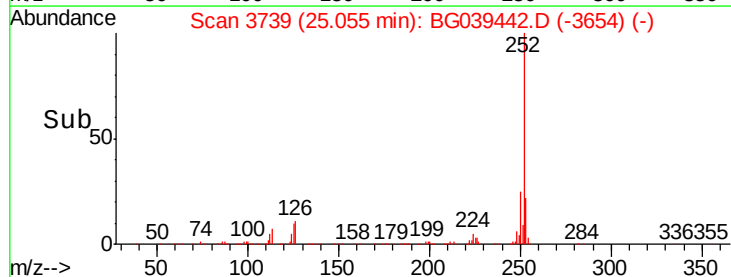
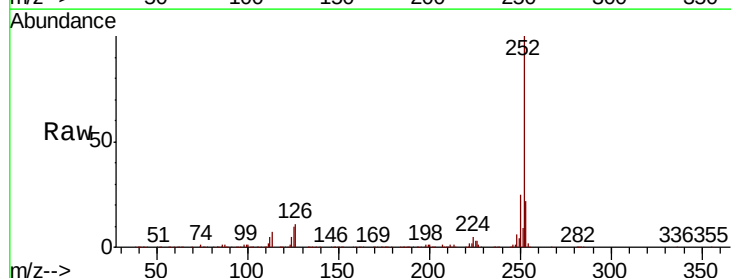
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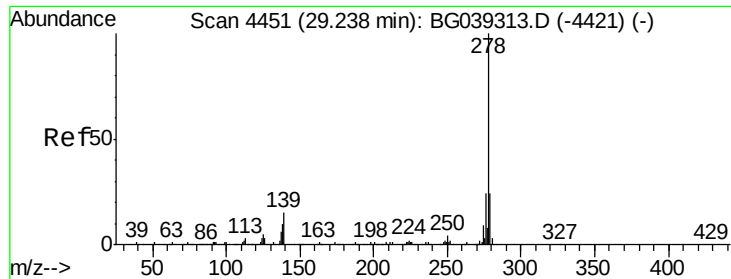
Sohil
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#90
Benzo(a)pyrene
Concen: 50.555 ng
RT: 25.06 min Scan# 3739
Delta R.T. -0.03 min
Lab File: BG039442.D
Acq: 11 Feb 2019 20:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	9.7	8.3	12.5





#91

Dibenzo(a,h)anthracene

Concen: 51.317 ng

RT: 29.17 min Scan# 4440

Delta R.T. -0.06 min

Lab File: BG039442.D

Acq: 11 Feb 2019 20:10

Instrument :

BNA_G

ClientSampleId :

SU-03-020819-AMS

Tot Ion:278 Resp: 1029249

Ion Ratio Lower Upper

278 100

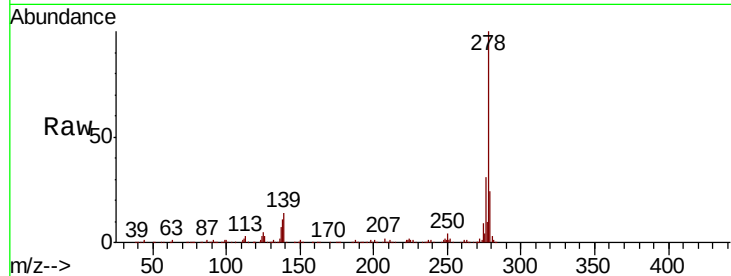
139 14.5 11.7 17.5

279 23.9 19.1 28.7

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Sohil

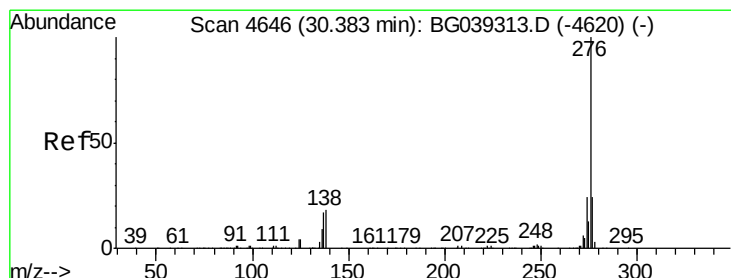
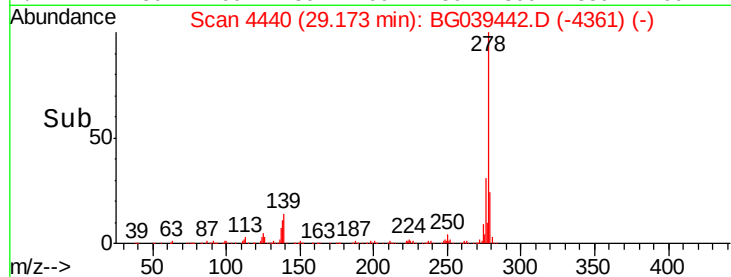
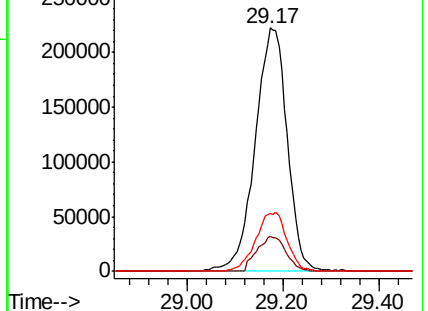
2/12/2019 12:07:44 PM



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: 52.680 ng

RT: 30.33 min Scan# 4637

Delta R.T. -0.05 min

Lab File: BG039442.D

Acq: 11 Feb 2019 20:10

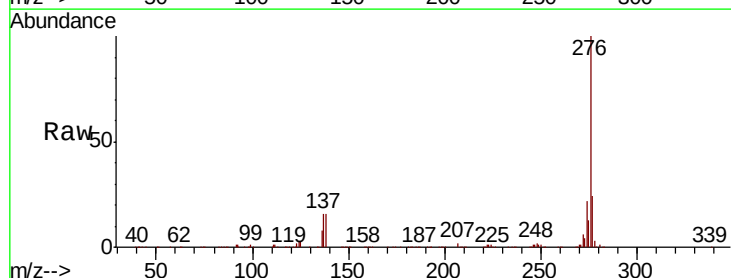
Tgt Ion:276 Resp: 1053119

Ion Ratio Lower Upper

276 100

277 24.0 19.6 29.4

138 16.1 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

