

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051319\
 Data File : BG040911.D
 Acq On : 13 May 2019 15:00
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDC0040

Manual Integrations
 APPROVED

Sohil
 5/14/2019 8:04:35 PM

Quant Time: May 14 01:49:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	46103	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	202650	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	155897	20.00	ng	-0.03
64) Phenanthrene-d10	17.50	188	390806	20.00	ng	-0.03
76) Chrysene-d12	21.79	240	384911	20.00	ng	-0.03
87) Perylene-d12	25.13	264	430806	20.00	ng	-0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	242166	92.59	ng	-0.03
7) Phenol-d6	7.27	99	374471	92.99	ng	-0.02
23) Nitrobenzene-d5	9.31	82	421646	96.14	ng	-0.03
42) 2,4,6-Tribromophenol	16.24	330	218815	102.11	ng	-0.03
45) 2-Fluorobiphenyl	13.38	172	968522	89.72	ng	-0.03
79) Terphenyl-d14	20.10	244	1664166	95.78	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	51495	43.294	ng	88
3) Pyridine	3.94	79	155554	45.120	ng	96
4) n-Nitrosodimethylamine	3.86	42	77466	40.510	ng	# 88
6) Aniline	7.45	93	232727	43.602	ng	98
8) 2-Chlorophenol	7.68	128	147834	46.292	ng	94
9) Benzaldehyde	7.27	77	105300	45.157	ng	92
10) Phenol	7.30	94	196394	45.370	ng	98
11) bis(2-Chloroethyl)ether	7.55	93	145078	44.694	ng	93
12) 1,3-Dichlorobenzene	8.01	146	163268	46.840	ng	97
13) 1,4-Dichlorobenzene	8.17	146	166061	46.996	ng	99
14) 1,2-Dichlorobenzene	8.48	146	159094	46.687	ng	93
15) Benzyl Alcohol	8.37	79	175860	41.971	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.65	45	230465	35.661	ng	95
17) 2-Methylphenol	8.56	107	137889	45.012	ng	92
18) Hexachloroethane	9.22	117	64709	44.643	ng	99
19) n-Nitroso-di-n-propylamine	8.93	70	146933	40.534	ng	91
20) 3+4-Methylphenols	8.89	107	193719	45.393	ng	97
22) Acetophenone	8.96	105	262970	46.666	ng	# 93
24) Nitrobenzene	9.35	77	215257	46.001	ng	94
25) Isophorone	9.86	82	415821	42.564	ng	98
26) 2-Nitrophenol	10.06	139	97021	57.842	ng	99
27) 2,4-Dimethylphenol	10.10	122	142993	45.435	ng	98
28) bis(2-Chloroethoxy)methane	10.35	93	215314	43.929	ng	99
29) 2,4-Dichlorophenol	10.59	162	178716	49.950	ng	94
30) 1,2,4-Trichlorobenzene	10.81	180	201683	50.831	ng	99
31) Naphthalene	11.00	128	499570	46.402	ng	100
32) Benzoic acid	10.24	122	119266	55.357	ng	94
33) 4-Chloroaniline	11.11	127	221241	46.348	ng	94
34) Hexachlorobutadiene	11.27	225	150949	51.532	ng	99
35) Caprolactam	11.91	113	63988	45.298	ng	# 83
36) 4-Chloro-3-methylphenol	12.21	107	214740	47.576	ng	97
37) 2-Methylnaphthalene	12.60	142	375616	46.663	ng	97
38) 1-Methylnaphthalene	12.82	142	366771	46.615	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	284236	48.942	ng	97

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 BNA_G
 ClientSampleId :
 SSTDCCC040

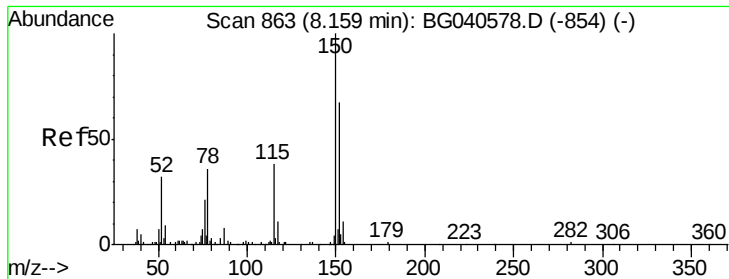
Manual Integrations
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Quant Time: May 14 01:49:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	132916	38.786	nq	99
43) 2,4,6-Trichlorophenol	13.19	196	170447	48.567	nq	97
44) 2,4,5-Trichlorophenol	13.27	196	186204	48.704	nq	97
46) 1,1'-Biphenyl	13.59	154	527179	43.554	nq	96
47) 2-Chloronaphthalene	13.65	162	424376	44.801	nq	98
48) 2-Nitroaniline	13.85	65	159546	47.317	nq	99
49) Acenaphthylene	14.49	152	692013	43.059	nq	99
50) Dimethylphthalate	14.21	163	583291	44.719	nq	100
51) 2,6-Dinitrotoluene	14.34	165	129797	50.987	nq	84
52) Acenaphthene	14.82	154	396590	42.374	nq	95
53) 3-Nitroaniline	14.67	138	123470	47.336	nq	93
54) 2,4-Dinitrophenol	14.87	184	75883	55.233	nq	# 89
55) Dibenzofuran	15.16	168	682156	44.499	nq	98
56) 4-Nitrophenol	14.96	139	99496	43.991	nq	92
57) 2,4-Dinitrotoluene	15.12	165	184517	53.341	nq	83
58) Fluorene	15.80	166	539054	43.506	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.37	232	183229	47.616	nq	94
60) Diethylphthalate	15.56	149	584679	42.485	nq	97
61) 4-Chlorophenyl-phenylether	15.79	204	336248	46.660	nq	96
62) 4-Nitroaniline	15.83	138	132468	45.400	nq	92
63) Azobenzene	16.09	77	544866	38.444	nq	95
65) 4,6-Dinitro-2-methylphenol	15.87	198	110355	55.932	nq	91
66) n-Nitrosodiphenylamine	16.01	169	490372	42.649	nq	97
67) 4-Bromophenyl-phenylether	16.68	248	225531	46.321	nq	91
68) Hexachlorobenzene	16.80	284	234521	46.583	nq	96
69) Atrazine	16.94	200	156182	34.285	nq	97
70) Pentachlorophenol	17.14	266	141418	48.003	nq	98
71) Phenanthrene	17.55	178	913758	43.409	nq	99
72) Anthracene	17.64	178	914790	43.235	nq	99
73) Carbazole	17.91	167	807632	41.896	nq	99
74) Di-n-butylphthalate	18.44	149	935507	40.207	nq	99
75) Fluoranthene	19.55	202	1171723	44.668	nq	98
77) Benzidine	19.73	184	442262	41.964	nq	99
78) Pyrene	19.91	202	1157837	47.994	nq	97
80) Butylbenzylphthalate	20.78	149	436430	46.416	nq	87
81) Benzo(a)anthracene	21.77	228	1169173	48.061	nq	99
82) 3,3'-Dichlorobenzidine	21.68	252	438713	50.597	nq	97
83) Chrysene	21.84	228	1132513	48.952	nq	99
84) Bis(2-ethylhexyl)phthalate	21.64	149	601029	44.282	nq	96
85) Di-n-octyl phthalate	22.88	149	1029190	45.025	nq	95
86) Indeno(1,2,3-cd)pyrene	28.98	276	1390778	49.721	nq	# 88
88) Benzo(b)fluoranthene	24.06	252	1203773	45.726	nq	99
89) Benzo(k)fluoranthene	24.13	252	1088330m	44.267	nq	
90) Benzo(a)pyrene	24.97	252	1123176	45.072	nq	99
91) Dibenzo(a,h)anthracene	29.05	278	1136088	45.051	nq	97
92) Benzo(g,h,i)perylene	30.20	276	1119986	44.625	nq	97

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



#1

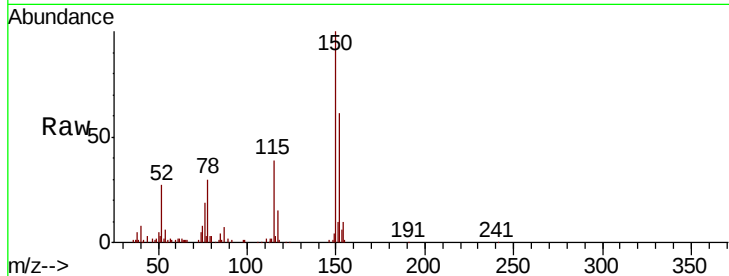
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 858
Delta R.T. -0.03 min
Lab File: BG040911.D
Acq: 13 May 2019 15:00

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	165.1	120.2	180.2
115	64.0	46.2	69.2

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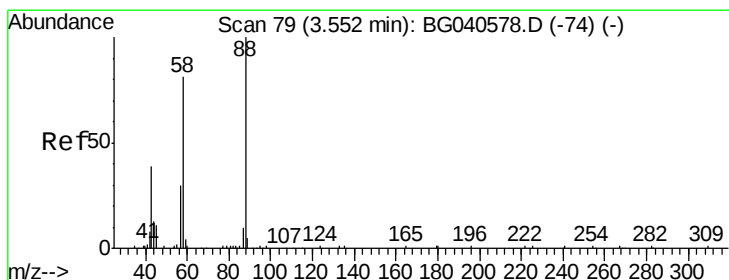
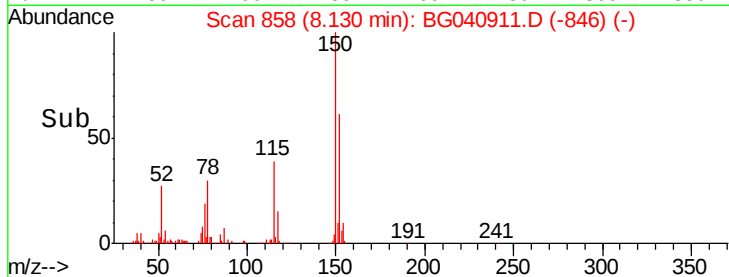
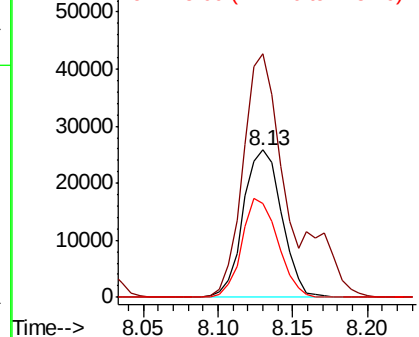


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

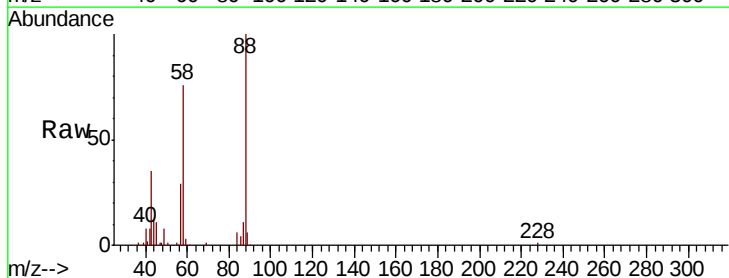
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 43.294 ng
RT: 3.53 min Scan# 75
Delta R.T. -0.02 min
Lab File: BG040911.D
Acq: 13 May 2019 15:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.0	71.2	106.8
43	38.2	35.6	53.4

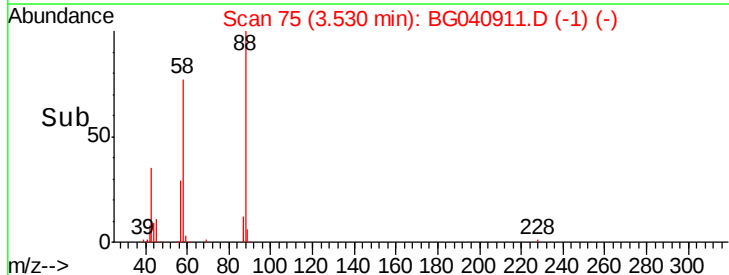
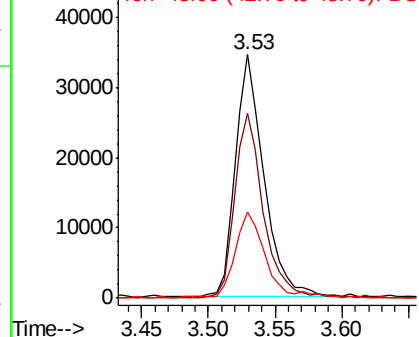


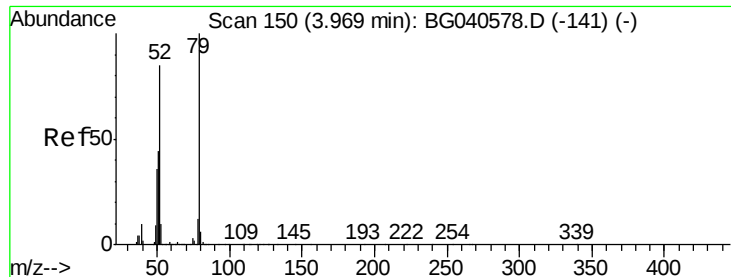
Abundance

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: 45.120 ng

RT: 3.94 min Scan# 145

Delta R.T. -0.03 min

Lab File: BG040911.D

Acq: 13 May 2019 15:00

Instrument :

BNA_G

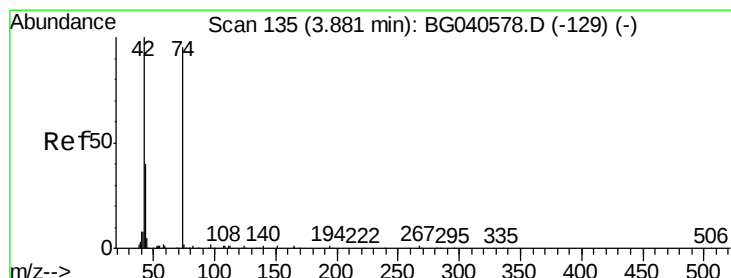
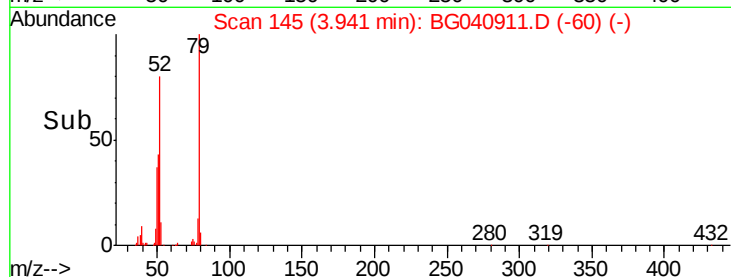
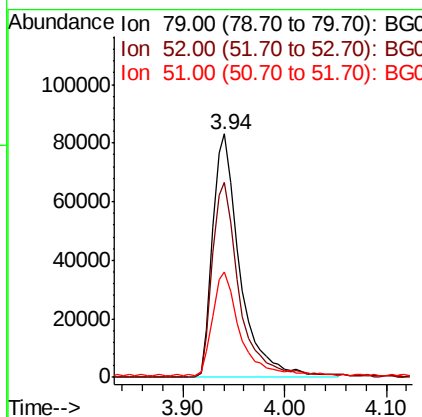
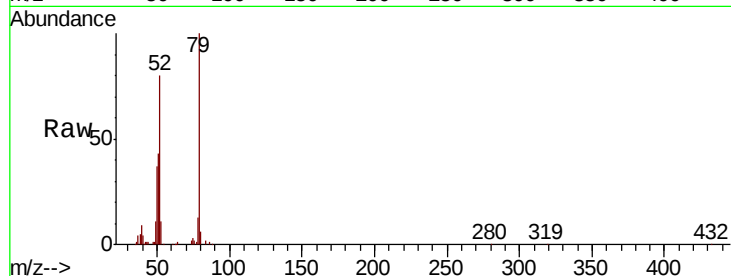
ClientSampled :

SSTDCCC040

Tot Ion:	79	Resp:	155554
Ion	Ratio	Lower	Upper
79	100		
52	80.2	67.5	101.3
51	43.4	35.6	53.4

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#4

n-Nitrosodimethylamine

Concen: 40.510 ng

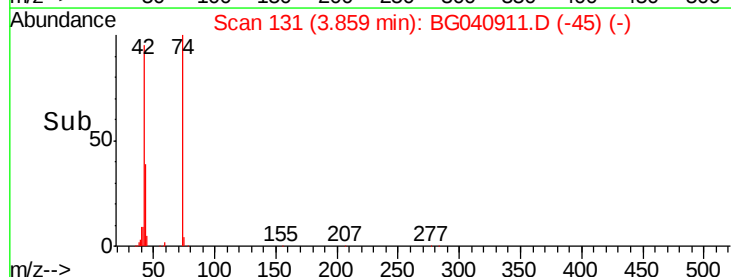
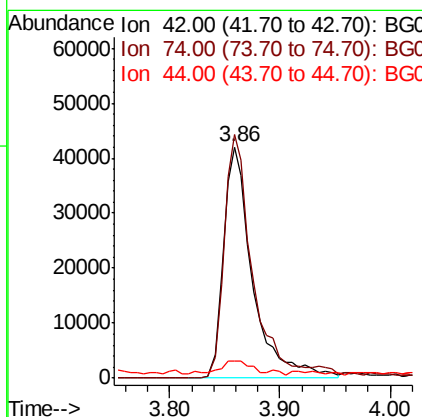
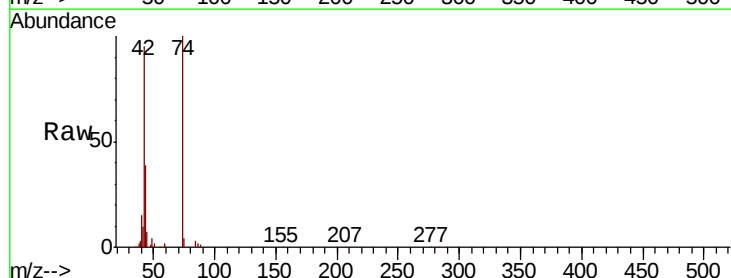
RT: 3.86 min Scan# 131

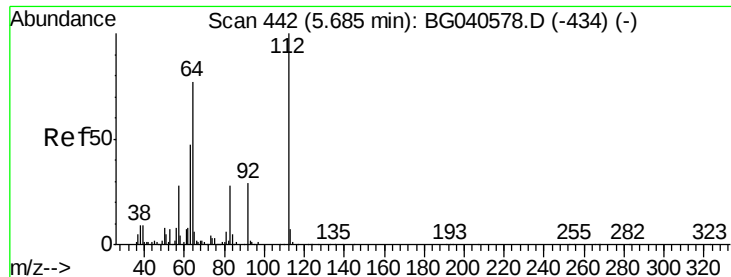
Delta R.T. -0.02 min

Lab File: BG040911.D

Acq: 13 May 2019 15:00

Tgt Ion:	42	Resp:	77466
Ion	Ratio	Lower	Upper
42	100		
74	105.3	74.6	111.8
44	7.2	7.4	11.0





#5

2-Fluorophenol

Concen: 92.593 ng

RT: 5.66 min Scan# 437

Delta R.T. -0.03 min

Lab File: BG040911.D

Acq: 13 May 2019 15:00

Instrument :

BNA_G

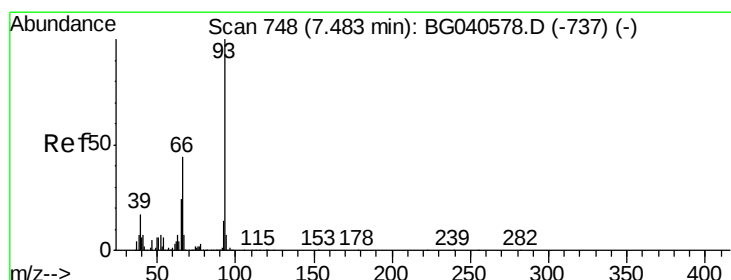
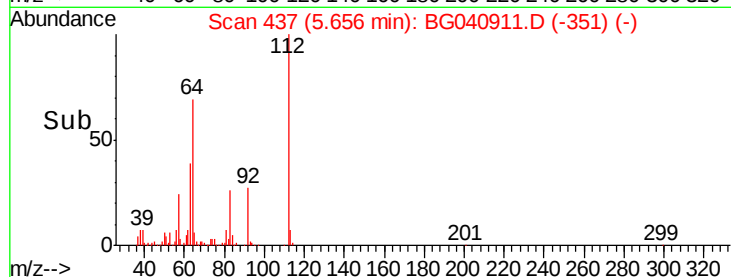
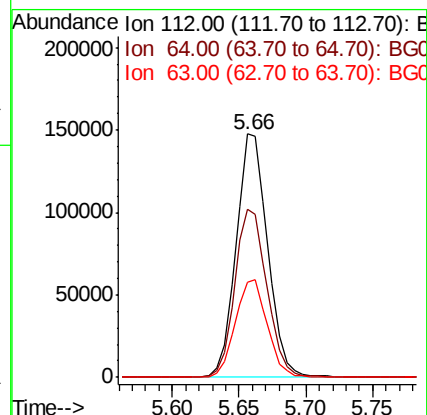
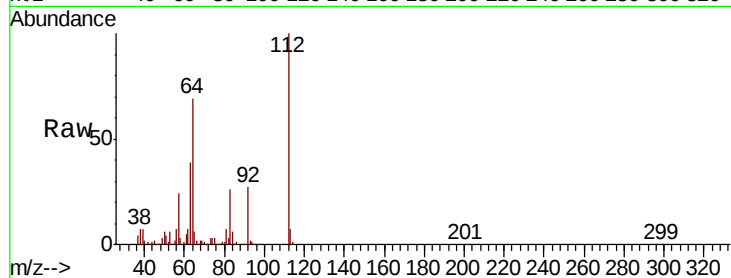
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	242166
Ion Ratio	Lower	Upper	
112	100		
64	69.0	61.4	92.0
63	38.9	37.8	56.6

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#6

Aniline

Concen: 43.602 ng

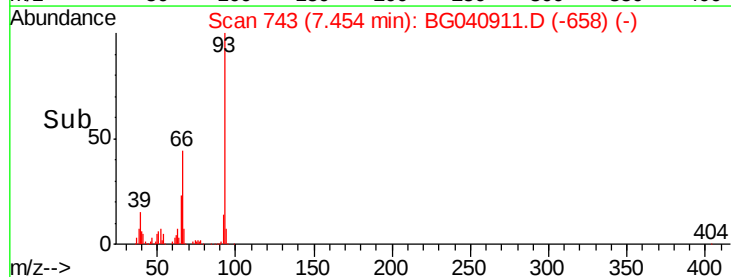
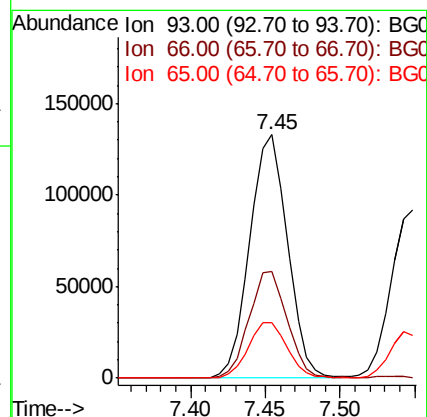
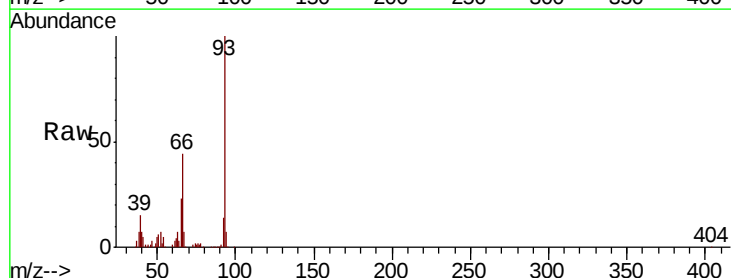
RT: 7.45 min Scan# 743

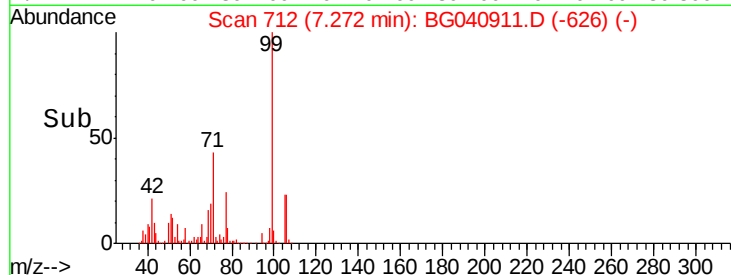
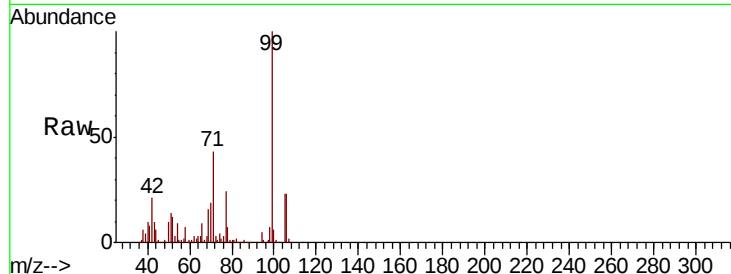
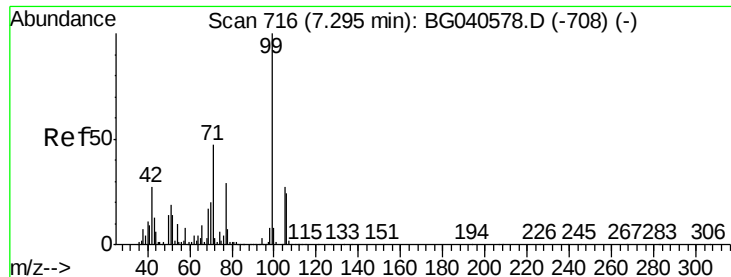
Delta R.T. -0.03 min

Lab File: BG040911.D

Acq: 13 May 2019 15:00

Tgt Ion:	93	Resp:	232727
Ion Ratio	Lower	Upper	
93	100		
66	43.6	35.5	53.3
65	22.7	19.2	28.8





#7

Phenol-d6

Concen: 92.991 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BG040911.D

Acq: 13 May 2019 15:00

Tot Ion:	99	Resp:	374471
Ion Ratio	Lower	Upper	
99	100		
42	20.7	21.8	32.8#
71	43.0	38.6	57.8

Instrument :

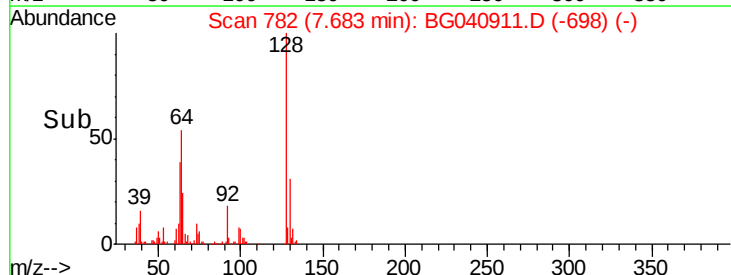
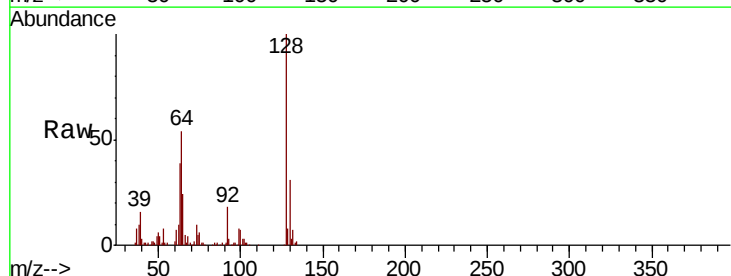
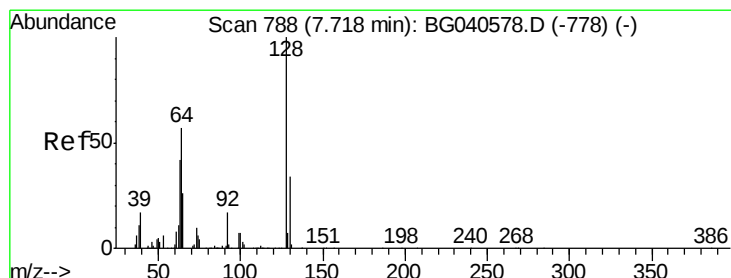
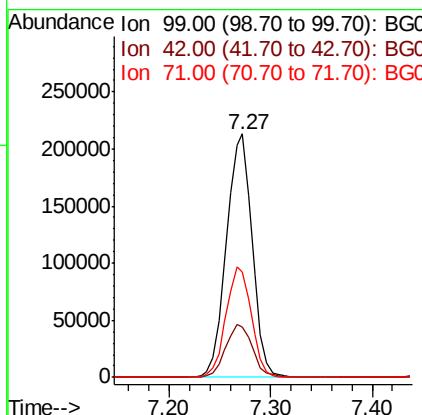
BNA_G

ClientSampled :

SSTDCCC040

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#8

2-Chlorophenol

Concen: 46.292 ng

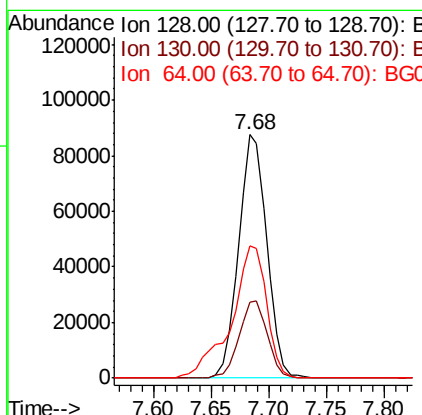
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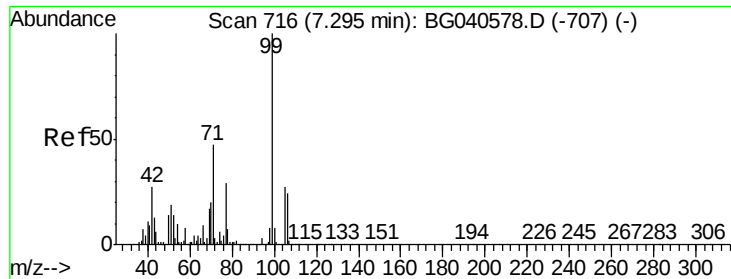
Delta R.T. -0.03 min

Lab File: BG040911.D

Acq: 13 May 2019 15:00

Tgt Ion:	128	Resp:	147834
Ion Ratio	Lower	Upper	
128	100		
130	31.3	14.5	54.5
64	54.2	38.4	78.4





#9

Benzaldehyde

Concen: 45.157 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.03 min

Lab File: BG040911.D

Acq: 13 May 2019 15:00

Instrument :

BNA_G

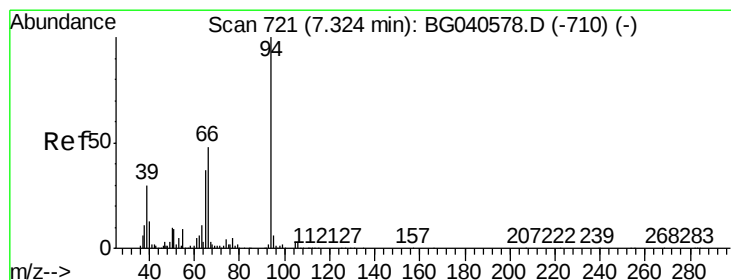
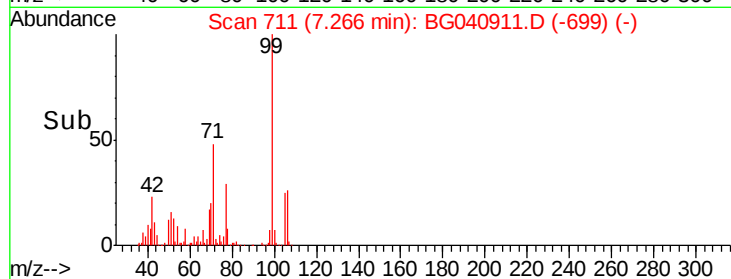
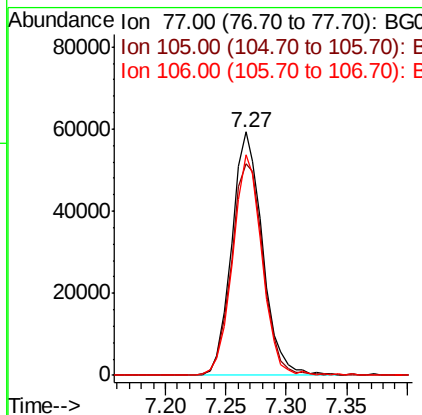
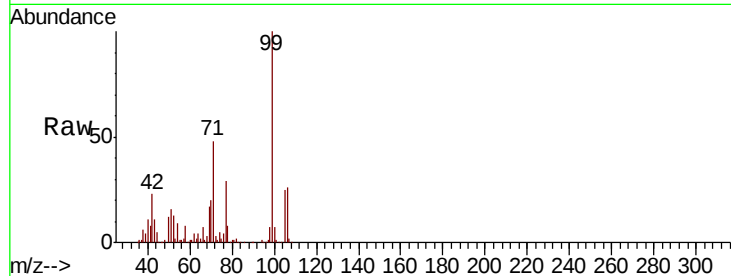
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	105300
Ion	Ratio	Lower	Upper
77	100		
105	86.8	72.0	112.0
106	90.4	61.2	101.2

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#10

Phenol

Concen: 45.370 ng

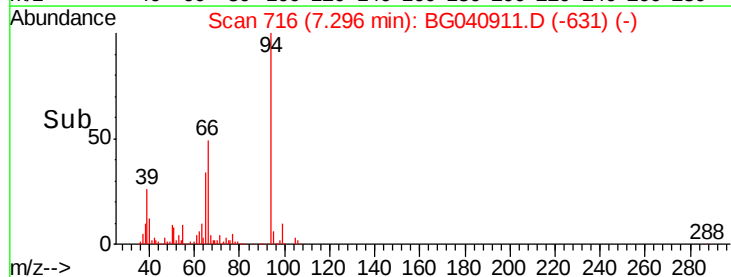
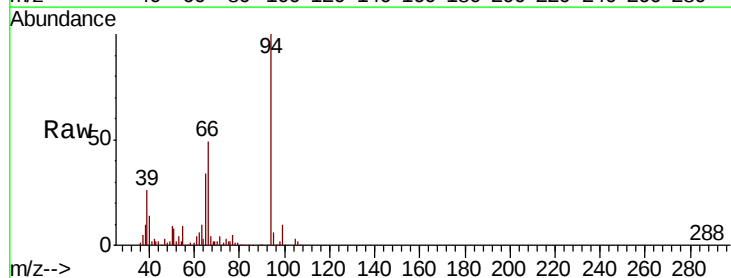
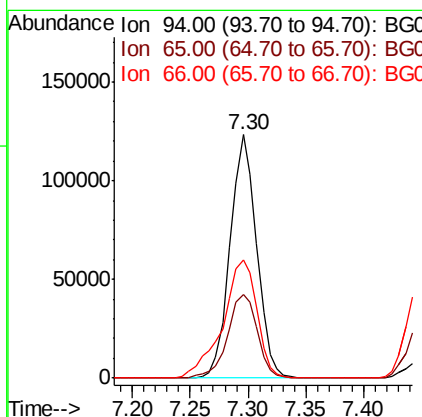
RT: 7.30 min Scan# 716

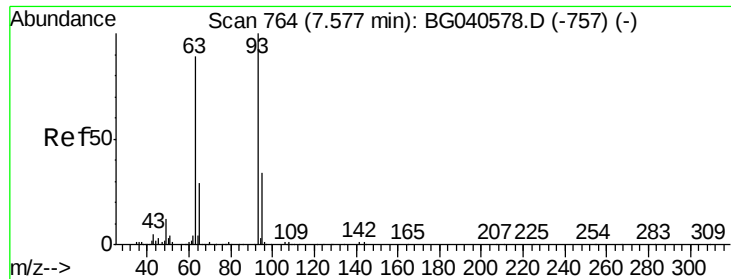
Delta R.T. -0.03 min

Lab File: BG040911.D

Acq: 13 May 2019 15:00

Tgt Ion:	94	Resp:	196394
Ion	Ratio	Lower	Upper
94	100		
65	34.4	17.0	57.0
66	48.6	28.6	68.6





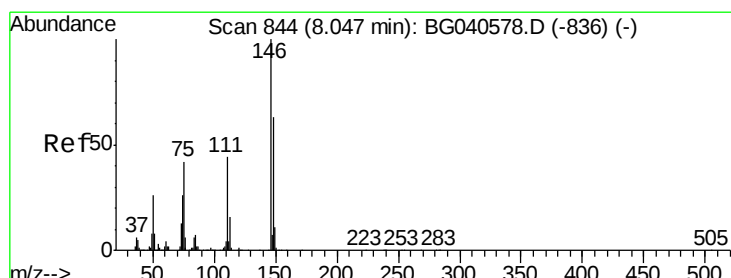
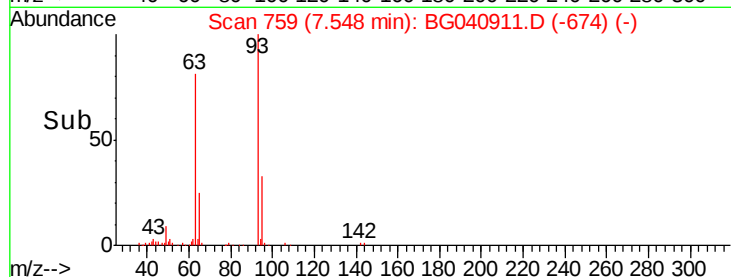
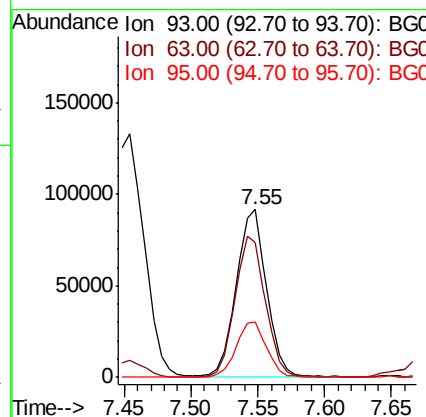
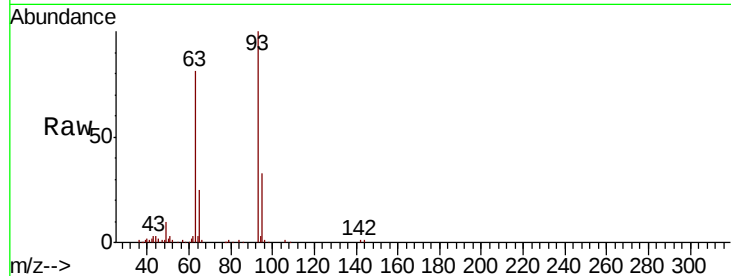
#11
bis(2-Chloroethyl)ether
Concen: 44.694 ng
RT: 7.55 min Scan# 759
Delta R.T. -0.03 min
Lab File: BG040911.D
Acq: 13 May 2019 15:00

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
93	100	145078		
63	80.6		68.2	108.2
95	32.8		14.3	54.3

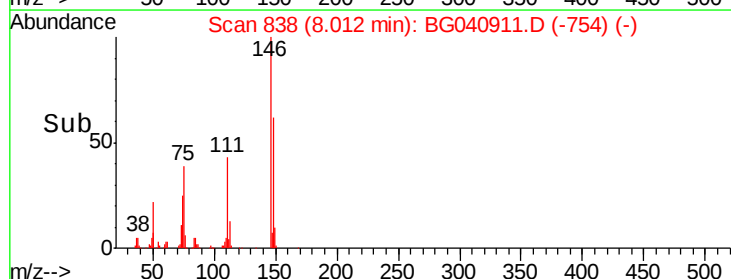
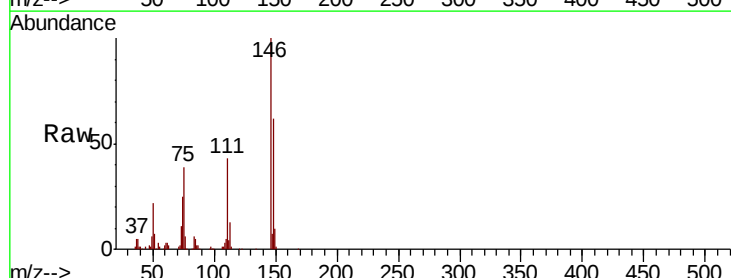
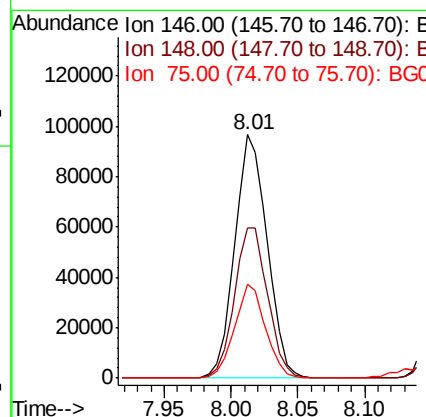
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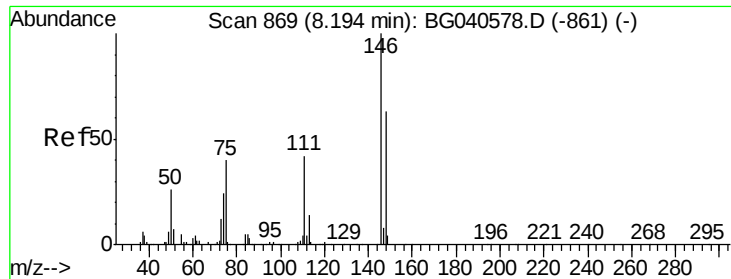
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#12
1,3-Dichlorobenzene
Concen: 46.840 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.03 min
Lab File: BG040911.D
Acq: 13 May 2019 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	163268		
148	61.6		50.7	76.1
75	38.7		33.4	50.2





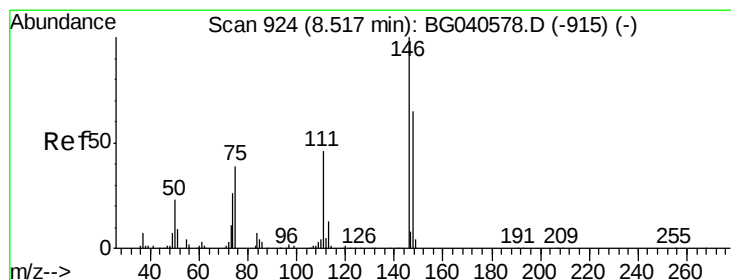
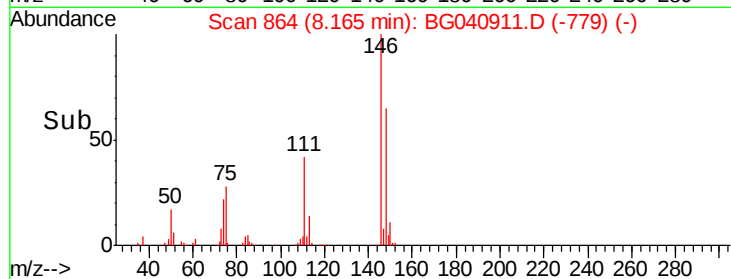
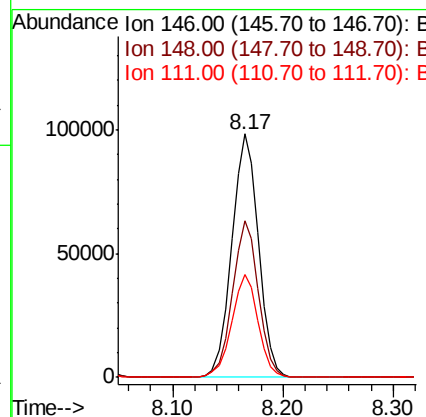
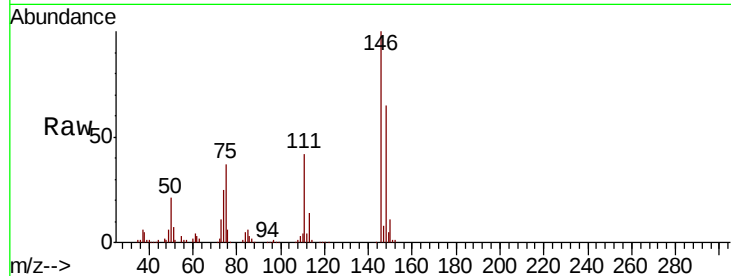
#13
 1,4-Dichlorobenzene
 Concen: 46.996 ng
 RT: 8.17 min Scan# 864
 Delta R.T. -0.03 min
 Lab File: BG040911.D
 Acq: 13 May 2019 15:00

Instrument :
 BNA_G
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.6	75.8
111	42.3	34.3	51.5

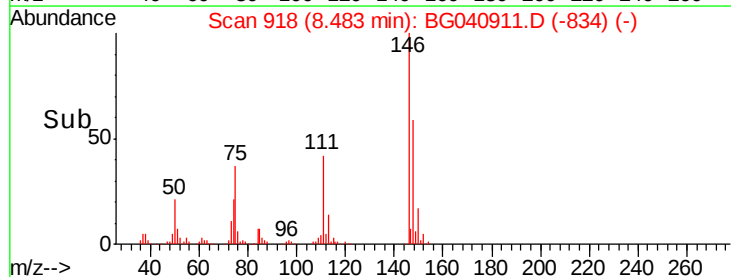
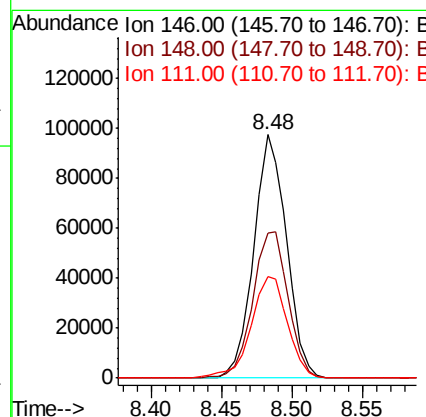
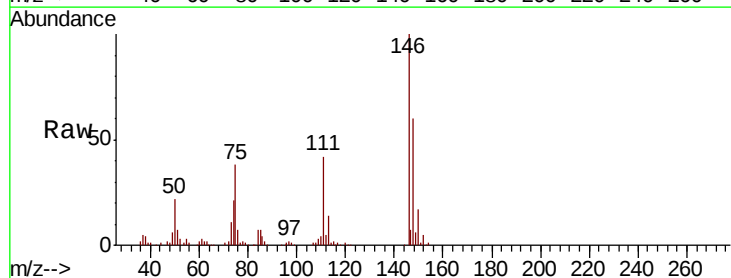
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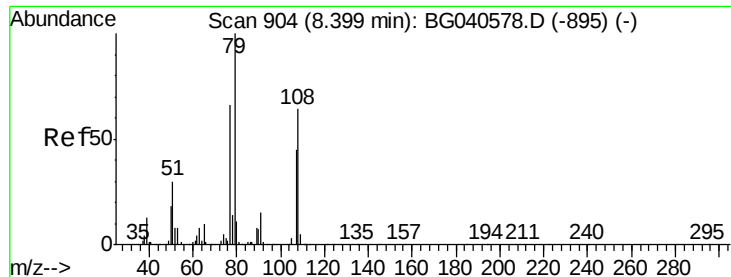
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#14
 1,2-Dichlorobenzene
 Concen: 46.687 ng
 RT: 8.48 min Scan# 918
 Delta R.T. -0.03 min
 Lab File: BG040911.D
 Acq: 13 May 2019 15:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	59.8	52.2	78.4
111	41.8	37.4	56.0





#15

Benzyl Alcohol

Concen: 41.971 ng

RT: 8.37 min Scan# 898

Delta R.T. -0.03 min

Lab File: BG040911.D

Acq: 13 May 2019 15:00

Instrument :

BNA_G

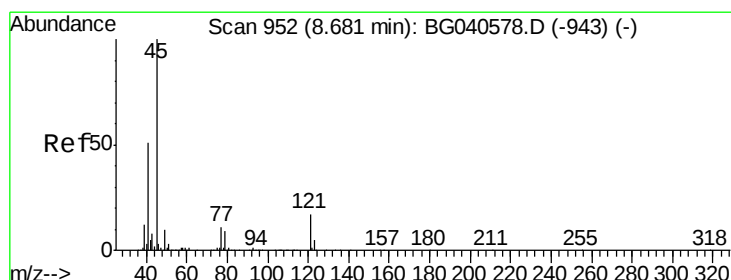
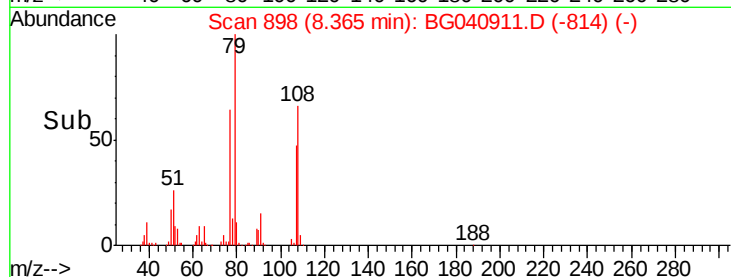
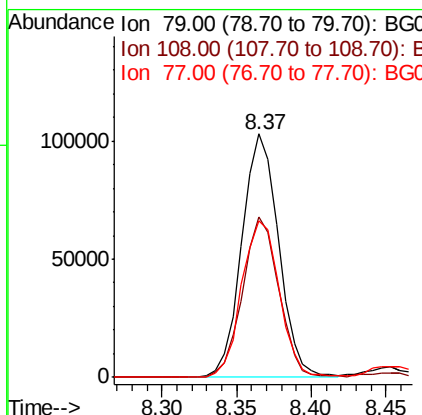
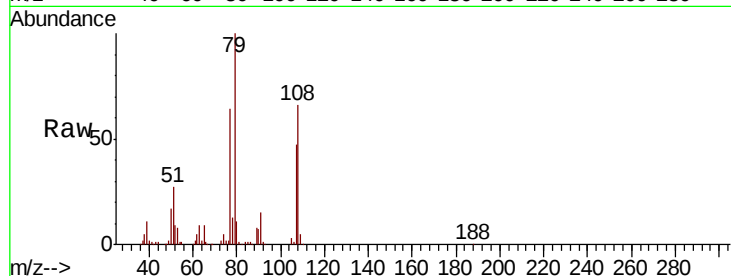
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	175860
Ion	Ratio	Lower	Upper
79	100		
108	65.8	51.4	77.0
77	64.5	52.6	79.0

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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.661 ng

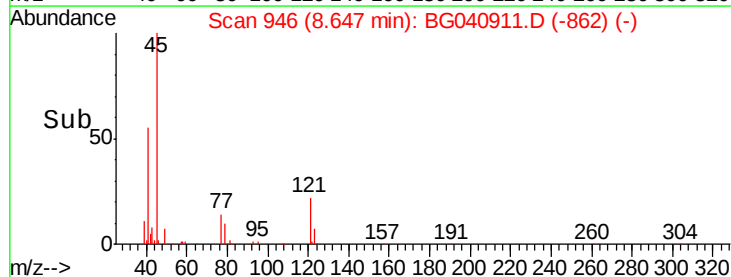
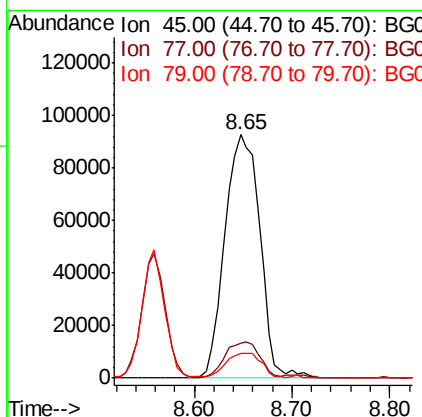
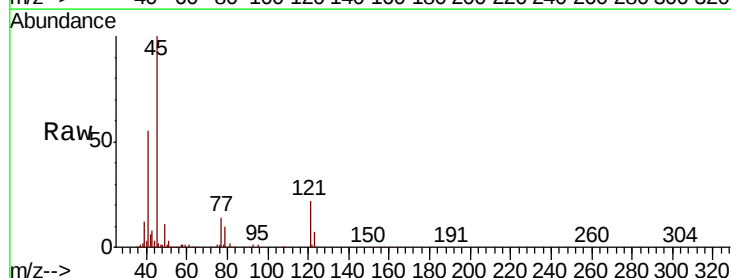
RT: 8.65 min Scan# 946

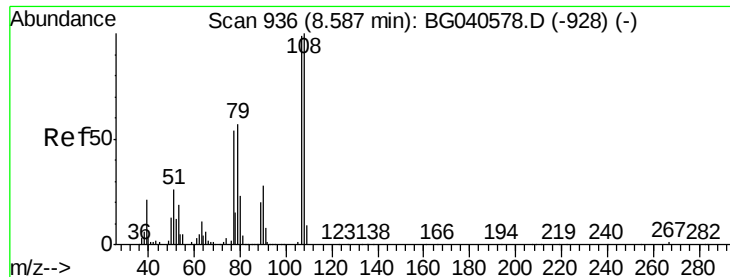
Delta R.T. -0.03 min

Lab File: BG040911.D

Acq: 13 May 2019 15:00

Tgt Ion:	45	Resp:	230465
Ion	Ratio	Lower	Upper
45	100		
77	14.4	0.0	31.5
79	10.1	0.0	29.4





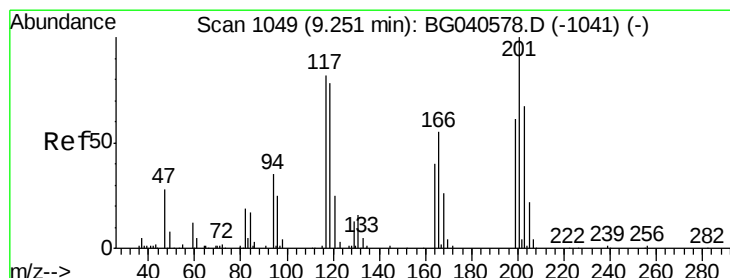
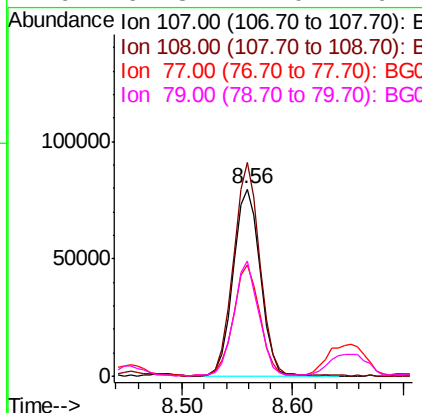
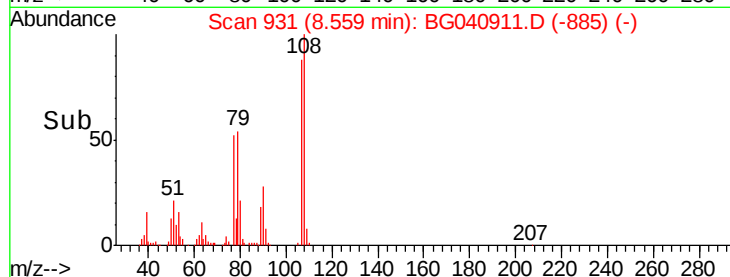
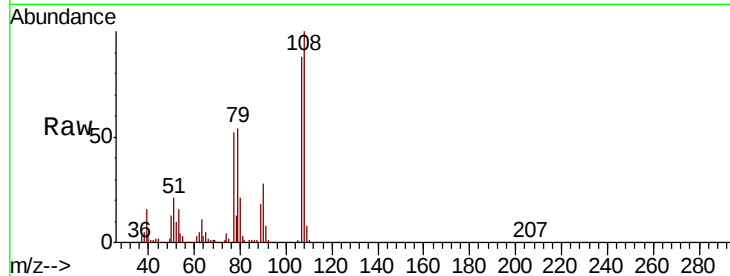
#17
2-Methylphenol
Concen: 45.012 ng
RT: 8.56 min Scan# 931
Delta R.T. -0.03 min
Lab File: BG040911.D
Acq: 13 May 2019 15:00

Instrument :
BNA_G
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.0	81.2	121.8	
77	59.4	44.4	66.6	
79	61.3	47.0	70.4	

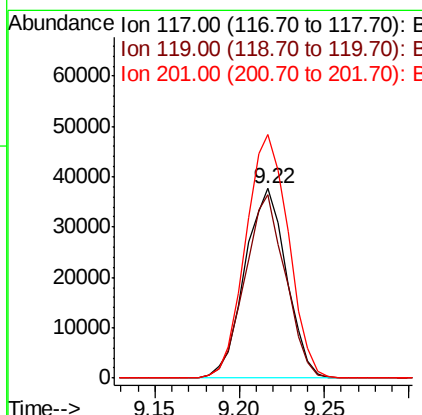
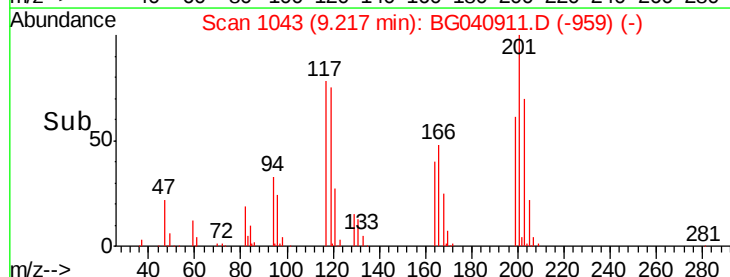
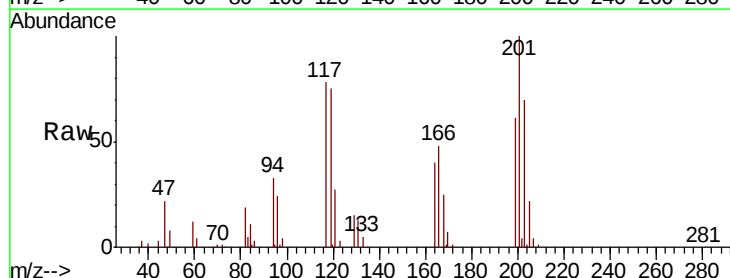
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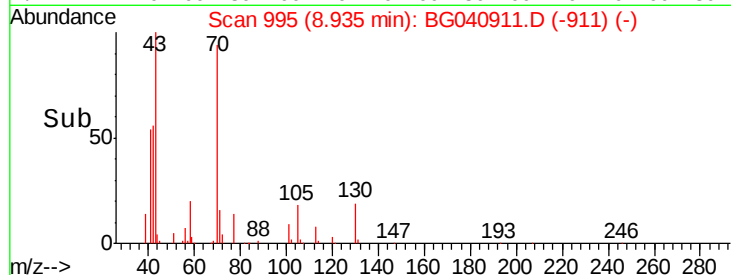
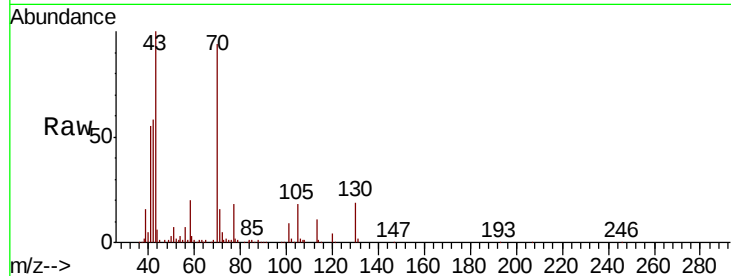
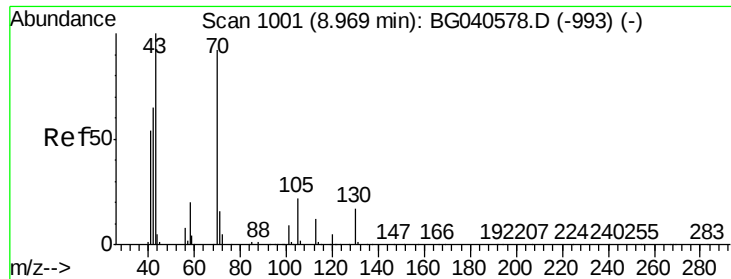
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#18
Hexachloroethane
Concen: 44.643 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BG040911.D
Acq: 13 May 2019 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.8	76.6	114.8	
201	128.3	101.0	151.6	





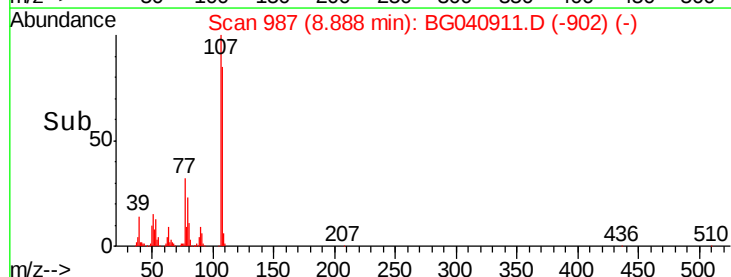
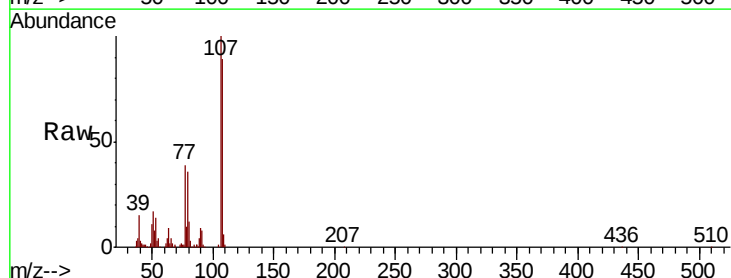
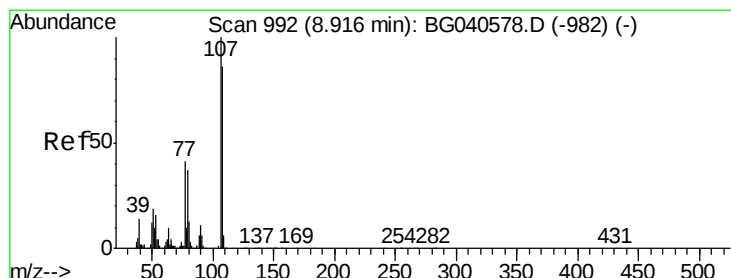
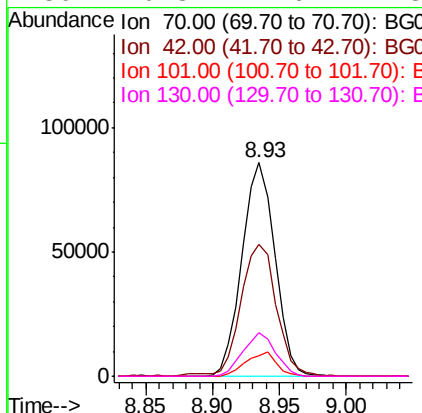
#19
n-Nitroso-di-n-propylamine
Concen: 40.534 ng
RT: 8.93 min Scan# 995
Delta R.T. -0.03 min
Lab File: BG040911.D
Acq: 13 May 2019 15:00

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.0	57.1	85.7
101	9.5	7.8	11.8
130	20.3	14.6	21.8

Instrument :
BNA_G
ClientSampled :
SSTDCCC040

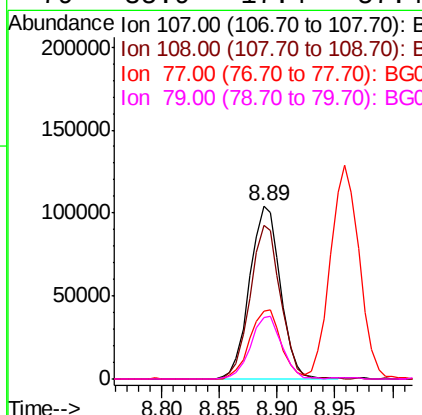
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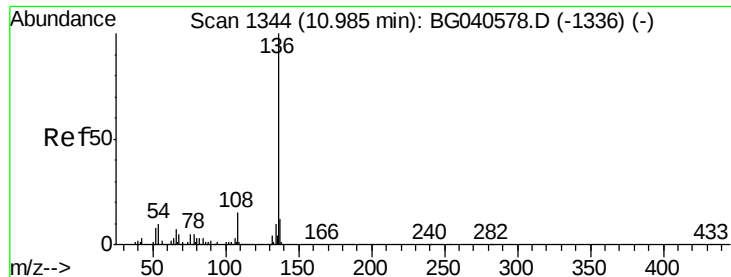
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#20
3+4-Methylphenols
Concen: 45.393 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.03 min
Lab File: BG040911.D
Acq: 13 May 2019 15:00

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.1	66.1	106.1
77	39.2	21.6	61.6
79	35.9	17.4	57.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.96 min Scan# 1339

Delta R.T. -0.03 min

Lab File: BG040911.D

Acq: 13 May 2019 15:00

Instrument :

BNA_G

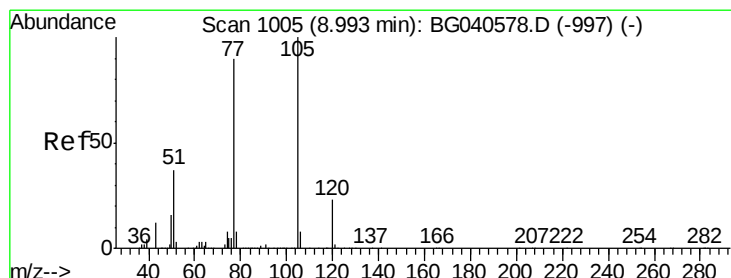
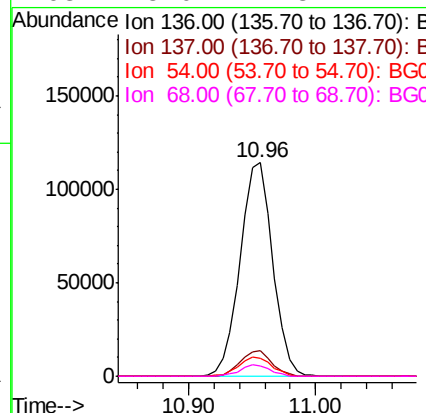
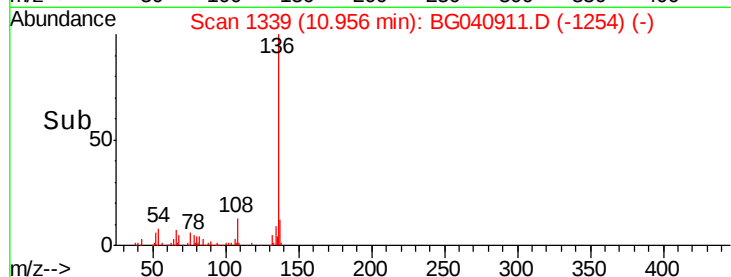
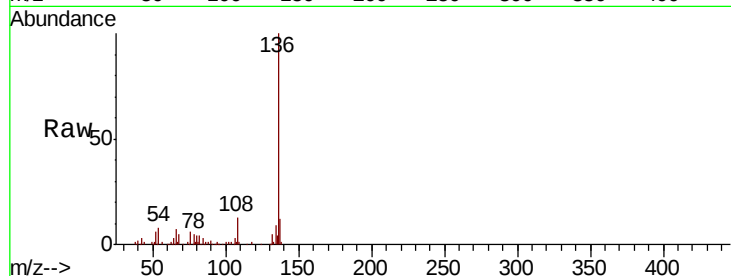
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	202650		
137	11.9	9.7	14.5	
54	8.1	8.6	12.8	
68	5.0	4.8	7.2	

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#22

Acetophenone

Concen: 46.666 ng

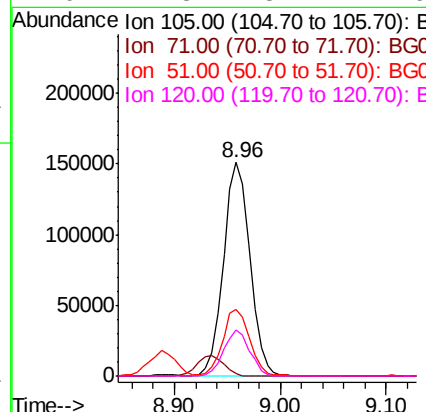
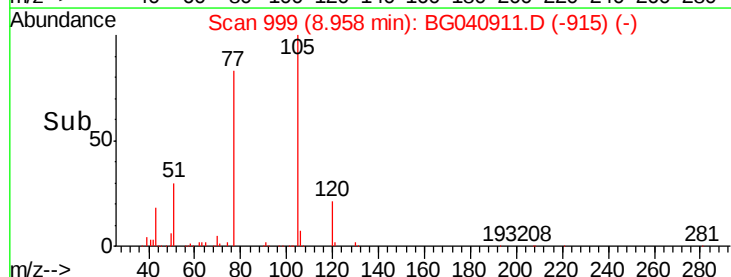
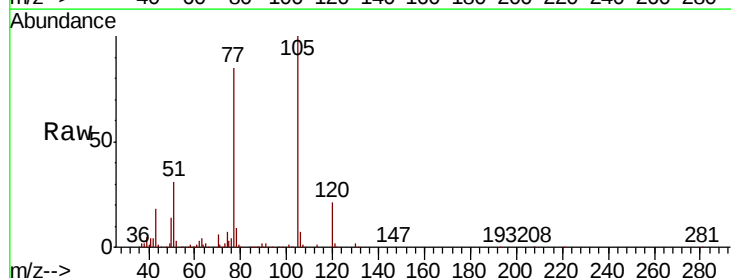
RT: 8.96 min Scan# 999

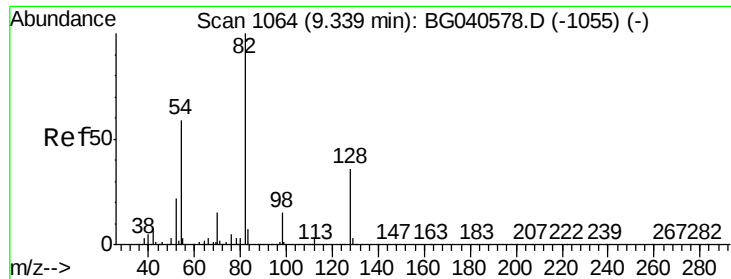
Delta R.T. -0.03 min

Lab File: BG040911.D

Acq: 13 May 2019 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	262970		
71	1.0	1.8	2.8	
51	31.5	29.8	44.8	
120	21.3	18.4	27.6	





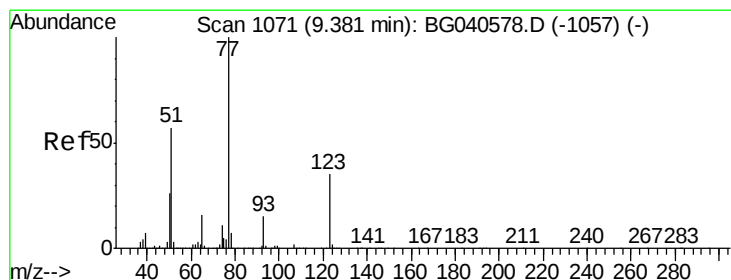
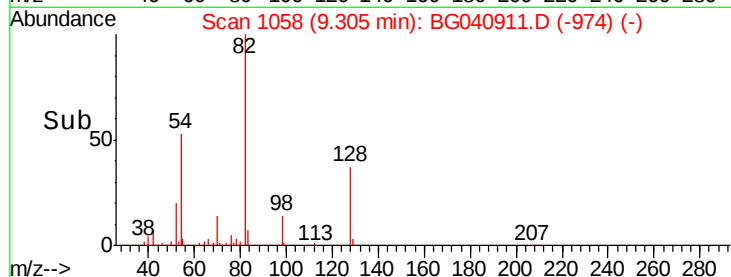
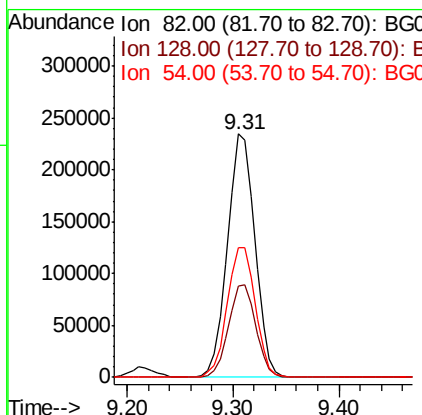
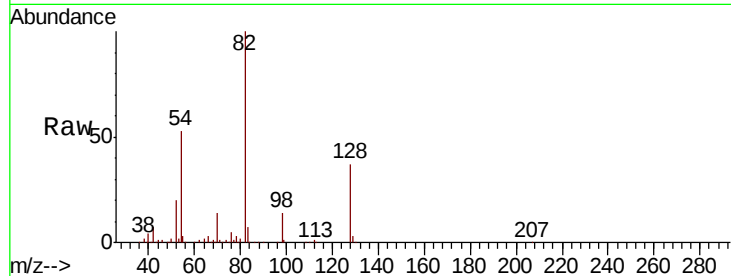
#23
 Nitrobenzene-d5
 Concen: 96.140 ng
 RT: 9.31 min Scan# 1058
 Delta R.T. -0.03 min
 Lab File: BG040911.D
 Acq: 13 May 2019 15:00

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.5	28.9	43.3
54	53.3	47.2	70.8

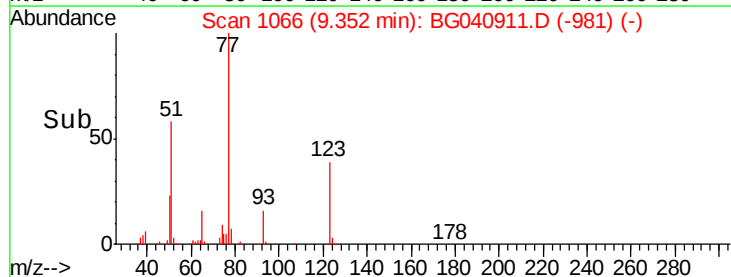
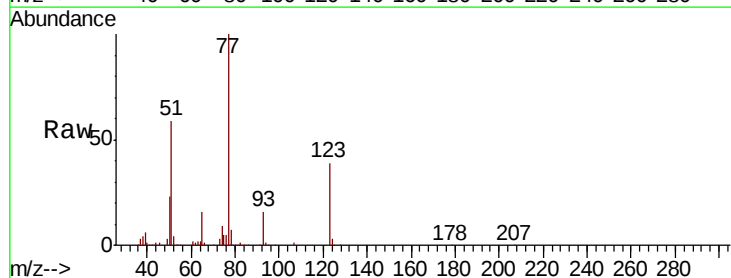
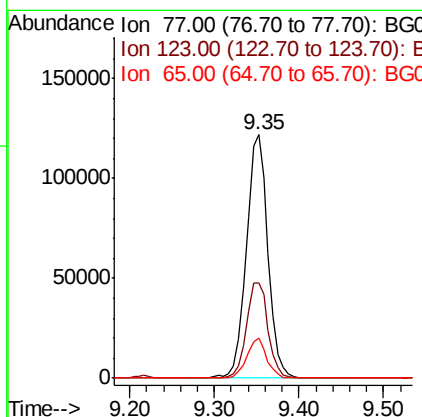
Manual Integrations
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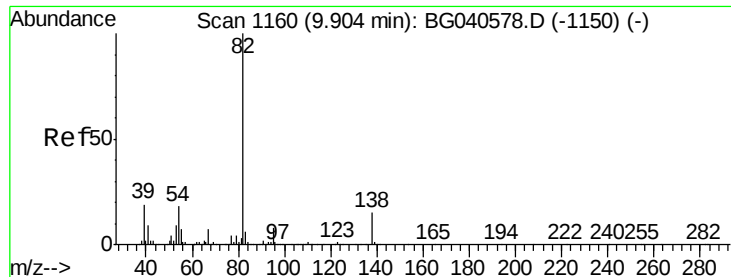
Sohil
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#24
 Nitrobenzene
 Concen: 46.001 ng
 RT: 9.35 min Scan# 1066
 Delta R.T. -0.03 min
 Lab File: BG040911.D
 Acq: 13 May 2019 15:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.9	27.8	41.6
65	16.5	12.4	18.6





#25

Isophorone

Concen: 42.564 ng

RT: 9.86 min Scan# 1153

Delta R.T. -0.04 min

Lab File: BG040911.D

Acq: 13 May 2019 15:00

Instrument :

BNA_G

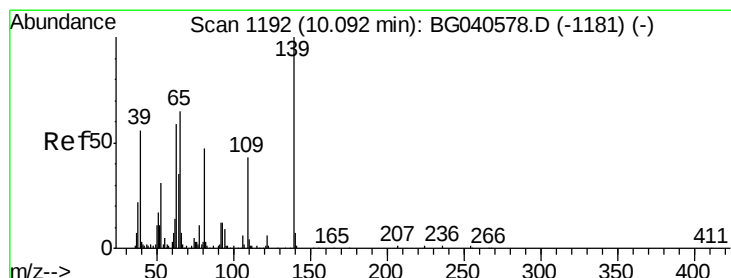
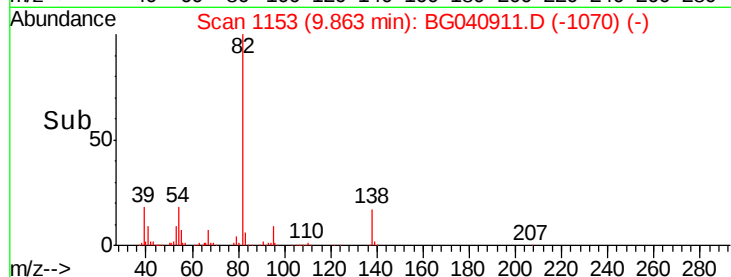
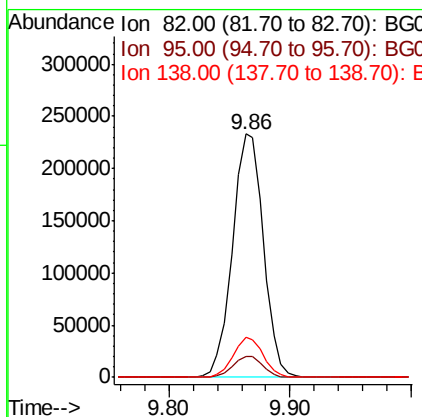
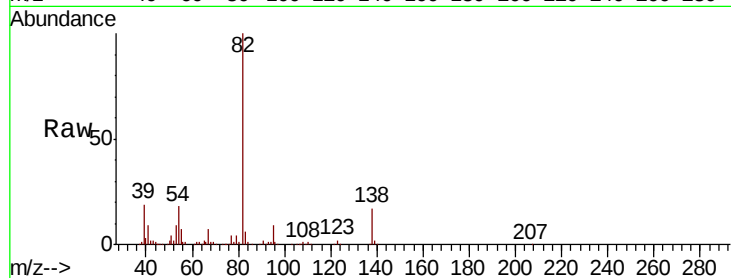
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	415821
Ion Ratio	Lower	Upper	
82	100		
95	8.6	6.9	10.3
138	16.7	12.3	18.5

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#26

2-Nitrophenol

Concen: 57.842 ng

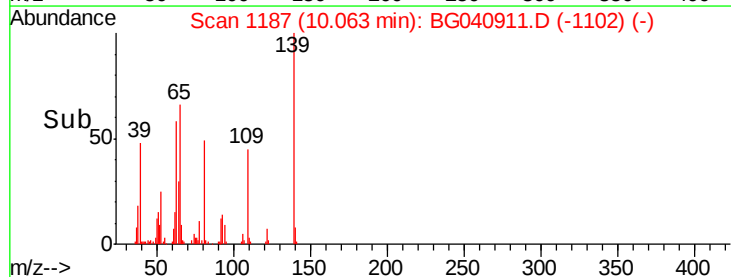
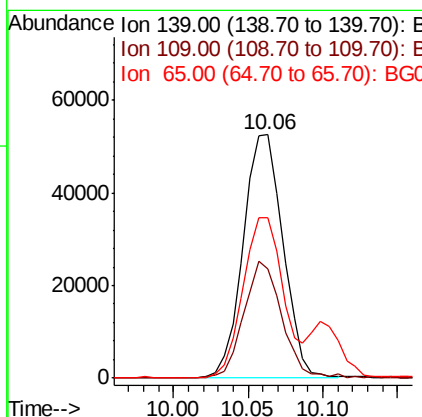
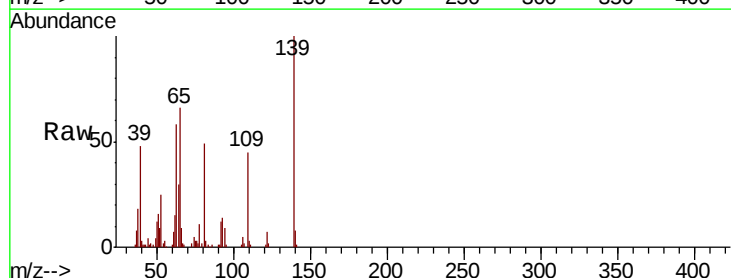
RT: 10.06 min Scan# 1187

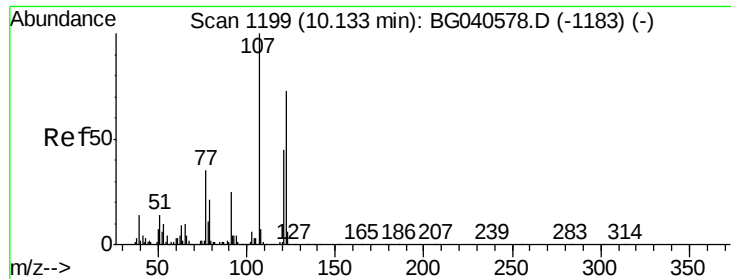
Delta R.T. -0.03 min

Lab File: BG040911.D

Acq: 13 May 2019 15:00

Tgt Ion:	139	Resp:	97021
Ion Ratio	Lower	Upper	
139	100		
109	44.9	35.6	53.4
65	65.9	52.3	78.5





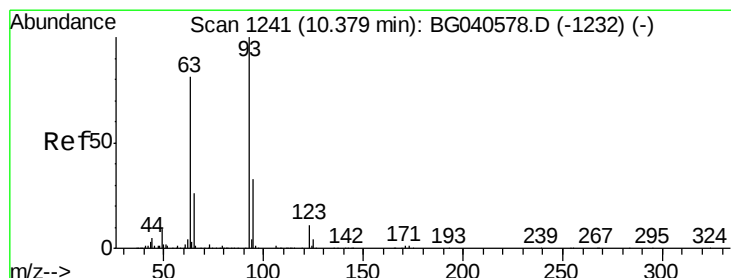
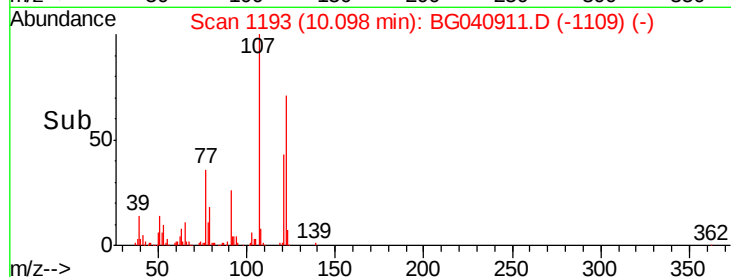
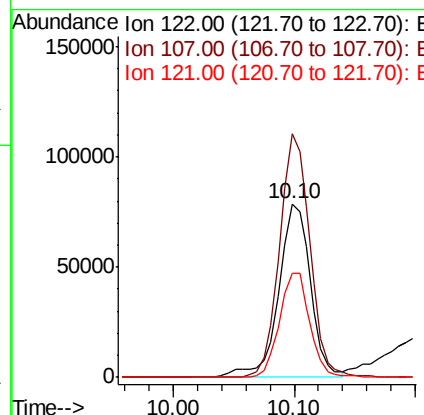
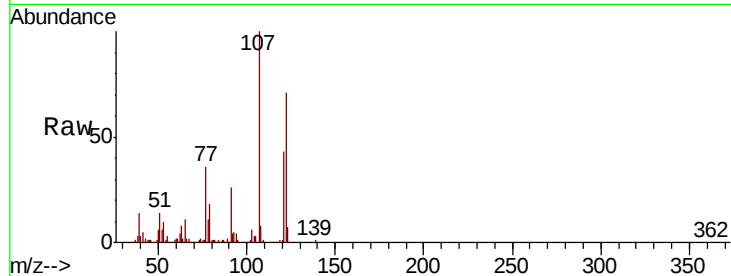
#27
 2,4-Dimethylphenol
 Concen: 45.435 ng
 RT: 10.10 min Scan# 1193
 Delta R.T. -0.03 min
 Lab File: BG040911.D
 Acq: 13 May 2019 15:00

Instrument :
 BNA_G
 ClientSampled :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	140.3	110.1	165.1
121	60.1	49.4	74.0

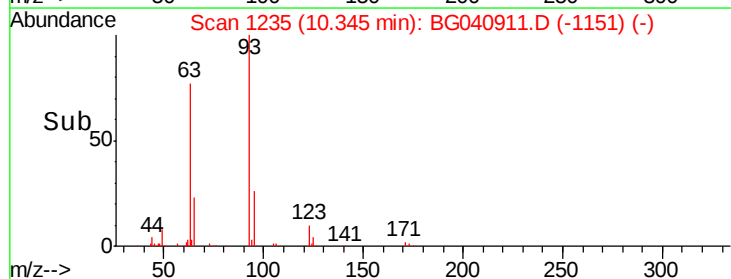
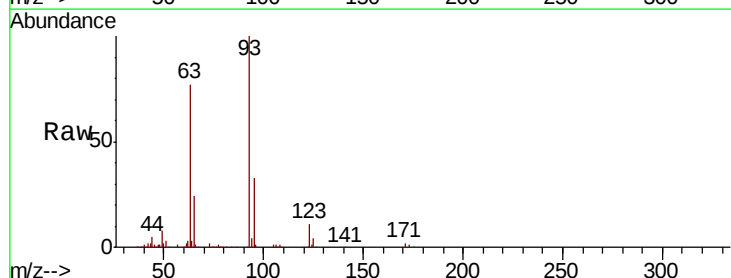
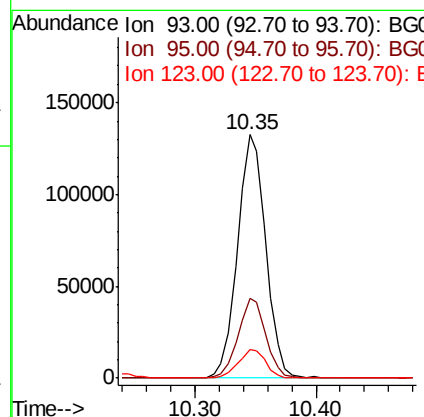
Manual Integrations
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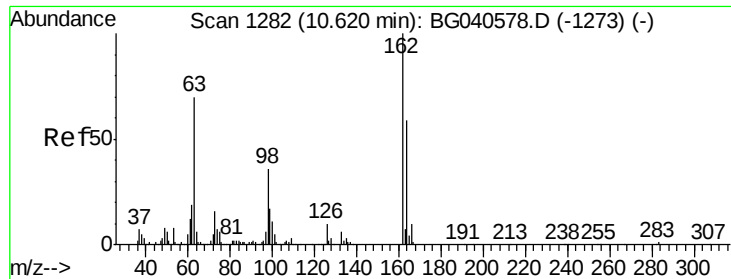
Sohil
 5/14/2019 8:04:35 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.929 ng
 RT: 10.35 min Scan# 1235
 Delta R.T. -0.03 min
 Lab File: BG040911.D
 Acq: 13 May 2019 15:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.6	40.0
123	11.5	9.0	13.4





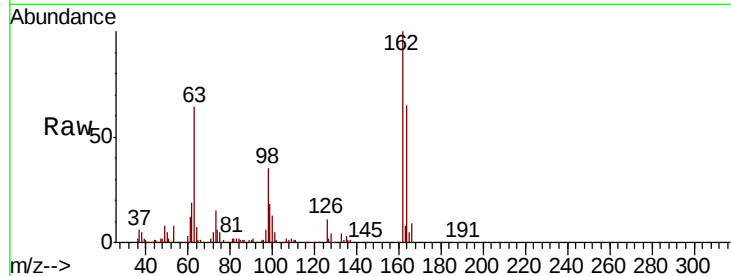
#29
 2,4-Dichlorophenol
 Concen: 49.950 ng
 RT: 10.59 min Scan# 1276
 Delta R.T. -0.03 min
 Lab File: BG040911.D
 Acq: 13 May 2019 15:00

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion:	162	Resp:	178716
Ion Ratio	Lower	Upper	
162	100		
164	64.9	38.9	78.9
98	35.2	16.8	56.8

Manual Integrations
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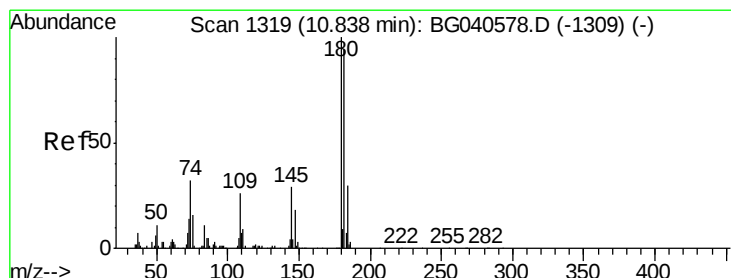
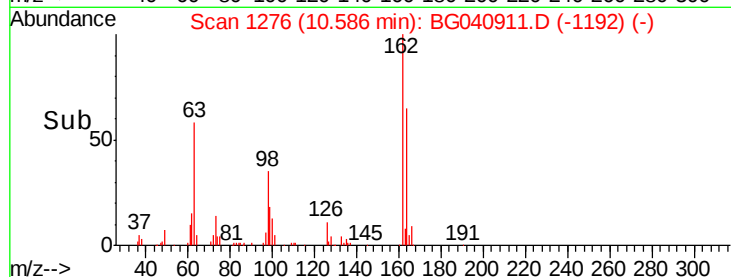
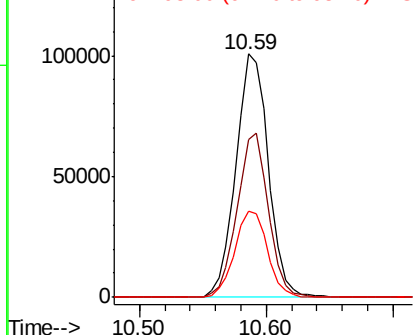


Abundance

Ion 162.00 (161.70 to 162.70): E

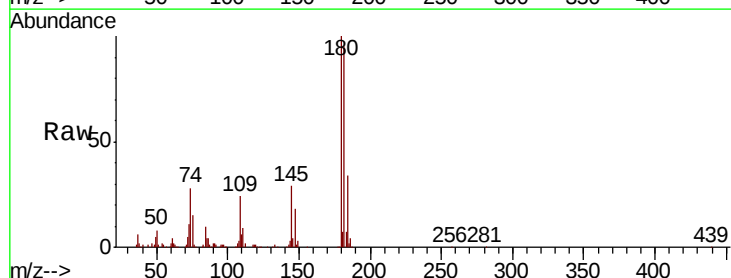
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 50.831 ng
 RT: 10.81 min Scan# 1314
 Delta R.T. -0.03 min
 Lab File: BG040911.D
 Acq: 13 May 2019 15:00

Tgt Ion:	180	Resp:	201683
Ion Ratio	Lower	Upper	
180	100		
182	95.4	75.2	112.8
145	29.5	23.6	35.4

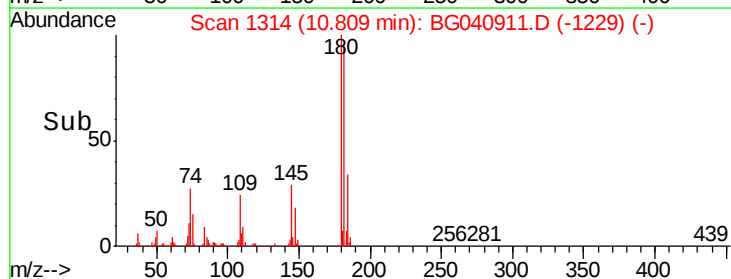
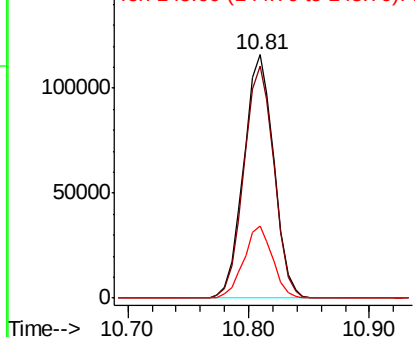


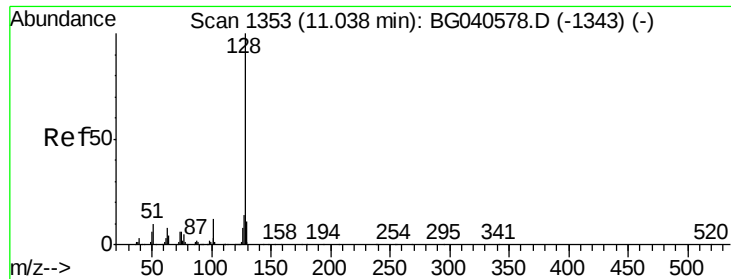
Abundance

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





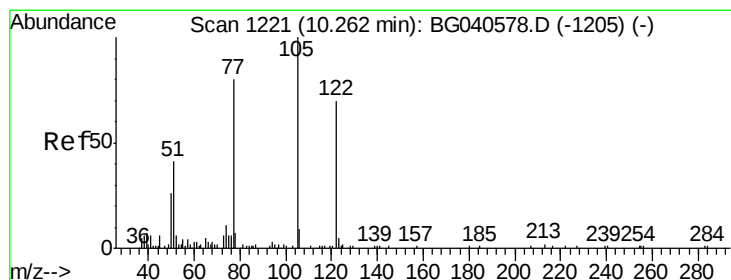
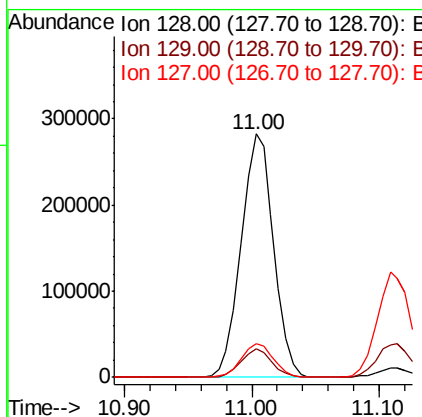
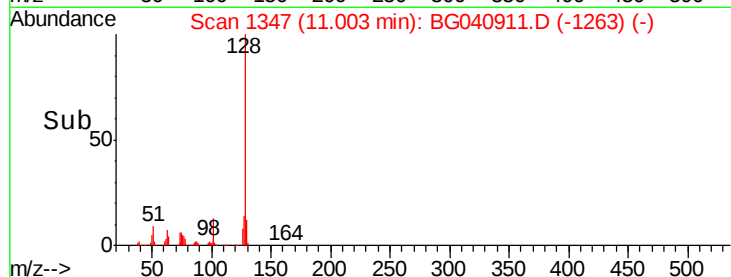
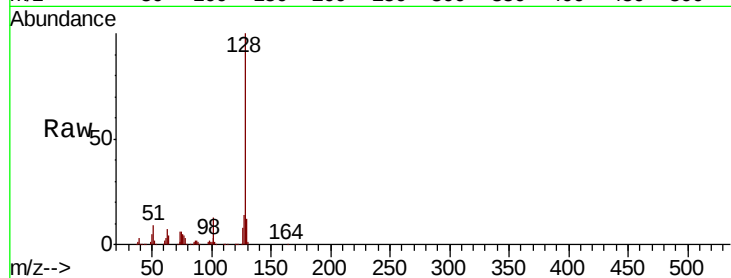
#31
Naphthalene
Concen: 46.402 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.03 min
Lab File: BG040911.D
Acq: 13 May 2019 15:00

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
128	100	499570		
129	11.6		9.0	13.6
127	14.0		11.3	16.9

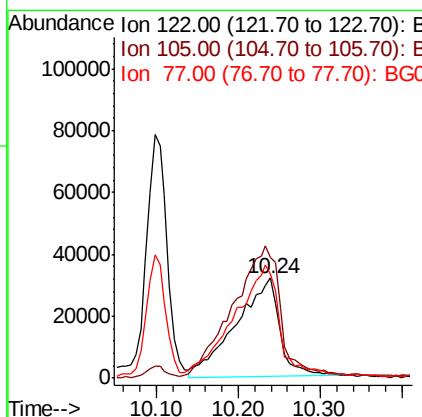
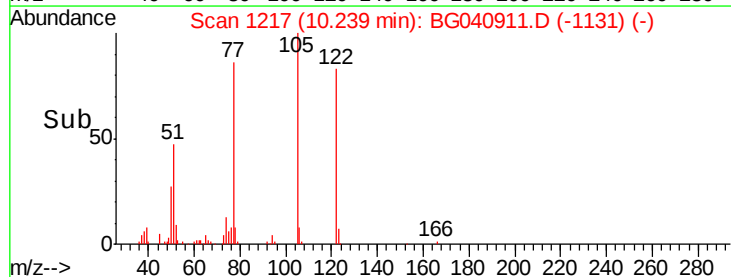
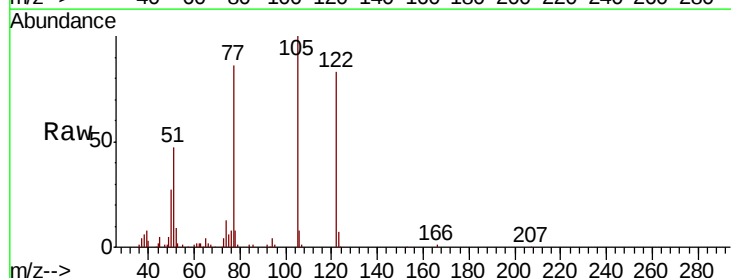
Manual Integrations
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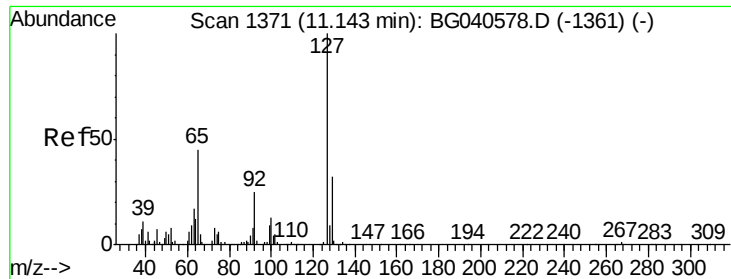
Sohil
5/14/2019 8:04:35 PM



#32
Benzoic acid
Concen: 55.357 ng
RT: 10.24 min Scan# 1217
Delta R.T. -0.02 min
Lab File: BG040911.D
Acq: 13 May 2019 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	119266		
105	121.2		110.9	150.9
77	104.7		87.6	127.6





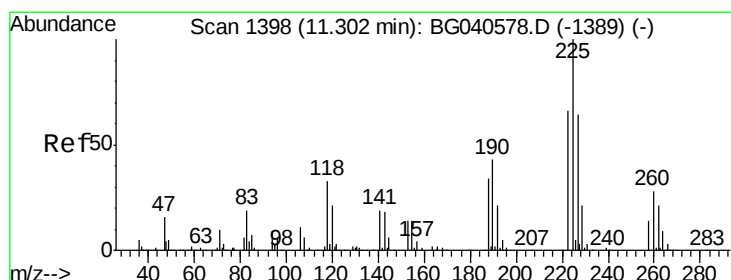
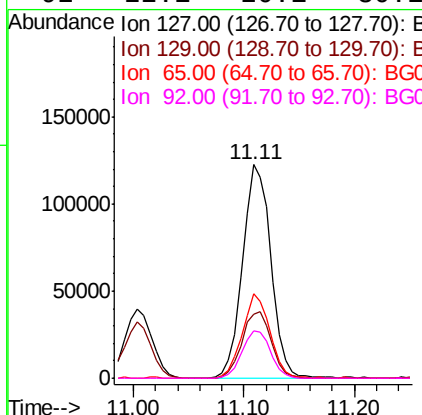
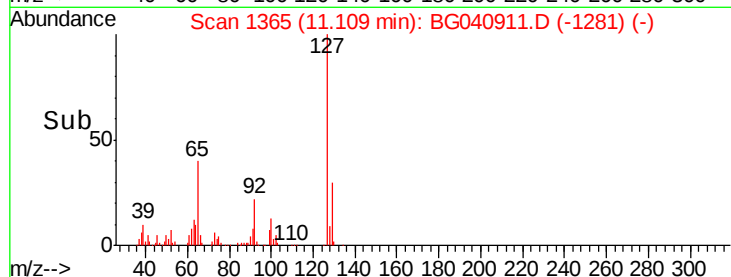
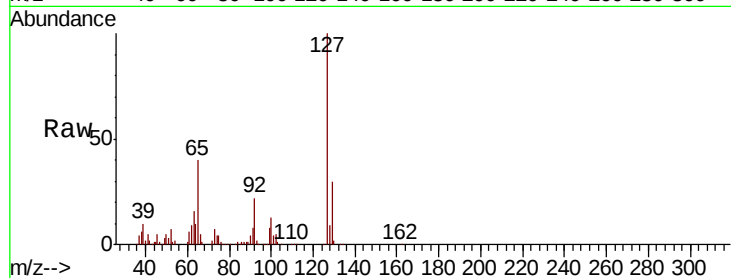
#33
4-Chloroaniline
Concen: 46.348 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.03 min
Lab File: BG040911.D
Acq: 13 May 2019 15:00

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.2	25.7	38.5
65	39.7	36.1	54.1
92	22.1	20.1	30.1

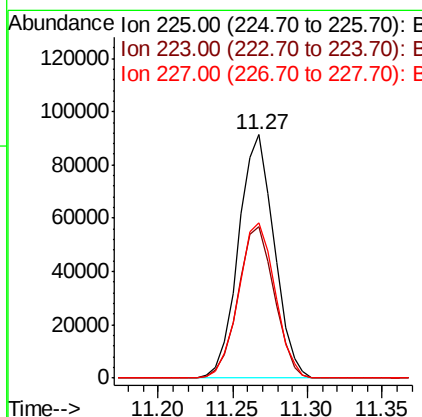
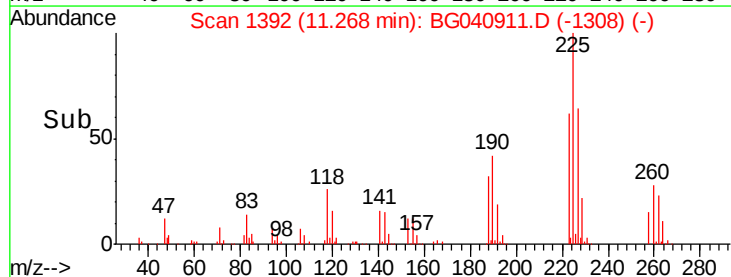
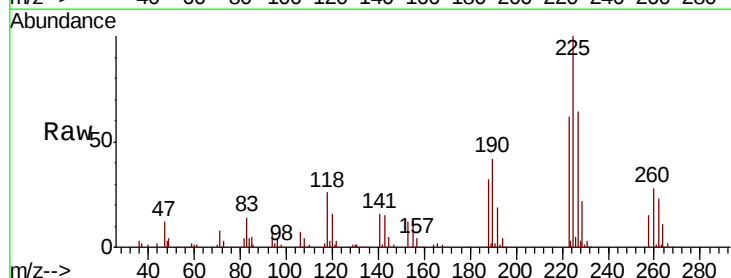
Manual Integrations
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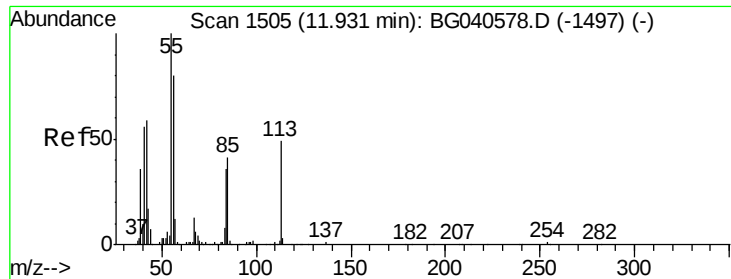
Sohil
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#34
Hexachlorobutadiene
Concen: 51.532 ng
RT: 11.27 min Scan# 1392
Delta R.T. -0.03 min
Lab File: BG040911.D
Acq: 13 May 2019 15:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.4	75.6
227	63.7	51.0	76.6





#35

Caprolactam

Concen: 45.298 ng

RT: 11.91 min Scan# 1501

Delta R.T. -0.02 min

Lab File: BG040911.D

Acq: 13 May 2019 15:00

Instrument :

BNA_G

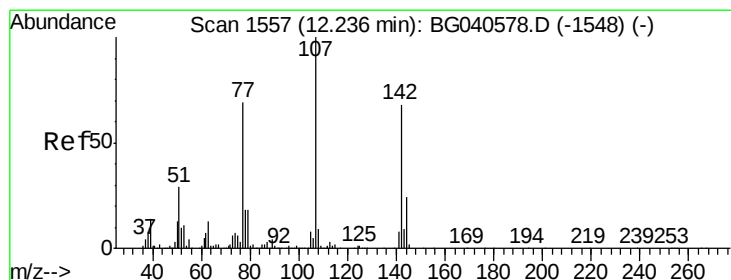
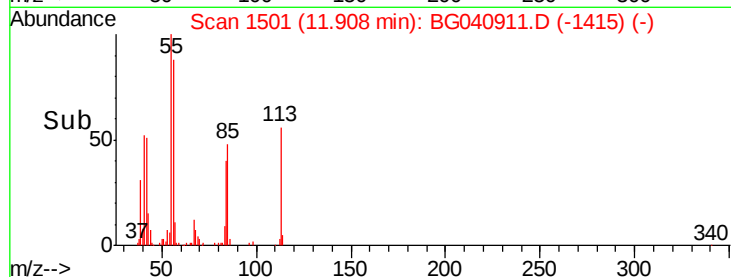
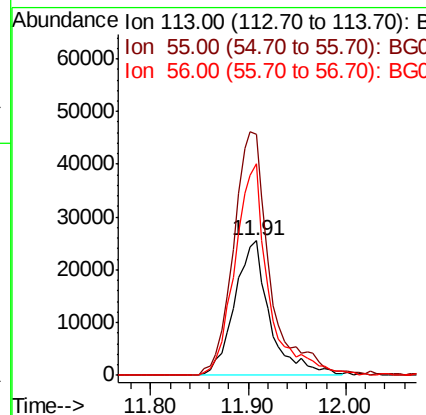
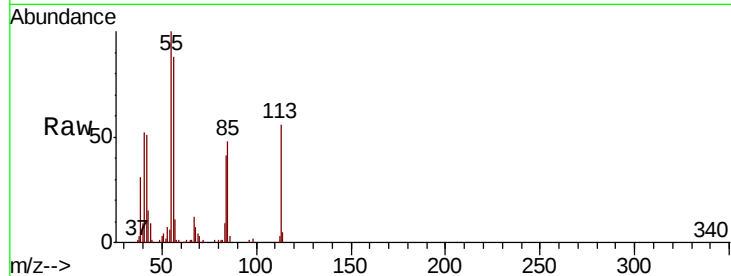
ClientSampled :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	179.5	198.6	238.6#
56	157.5	148.4	188.4

Manual Integrations
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5/14/2019 8:04:35 PM



#36

4-Chloro-3-methylphenol

Concen: 47.576 ng

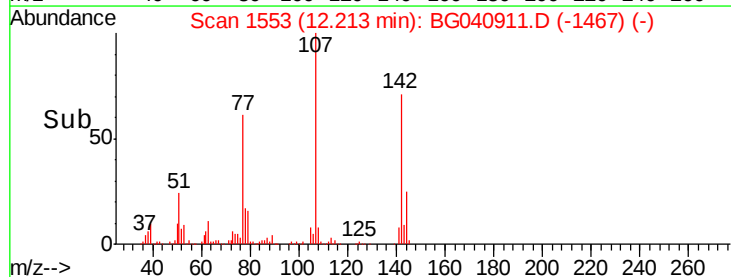
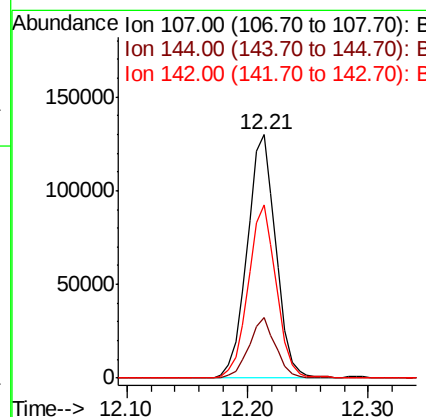
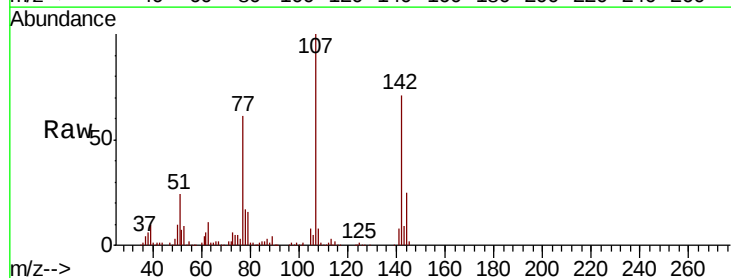
RT: 12.21 min Scan# 1553

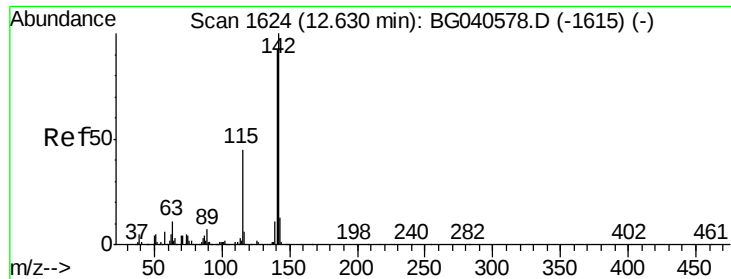
Delta R.T. -0.02 min

Lab File: BG040911.D

Acq: 13 May 2019 15:00

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.0	19.3	28.9
142	71.3	54.6	81.8





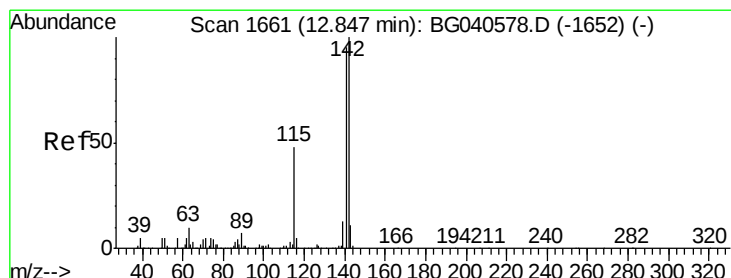
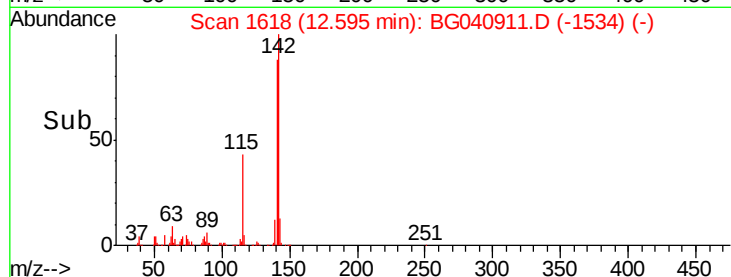
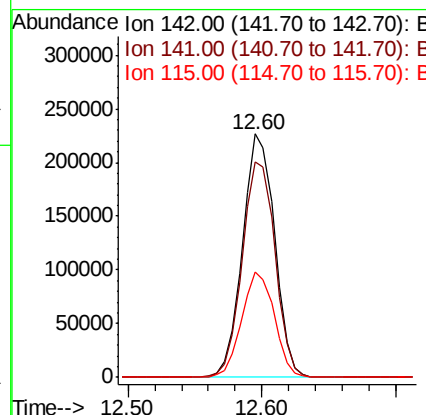
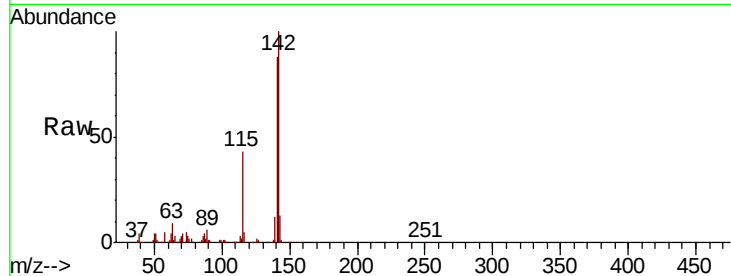
#37
2-Methylnaphthalene
Concen: 46.663 ng
RT: 12.60 min Scan# 1618
Delta R.T. -0.03 min
Lab File: BG040911.D
Acq: 13 May 2019 15:00

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	73.4	110.2
115	43.3	36.2	54.4

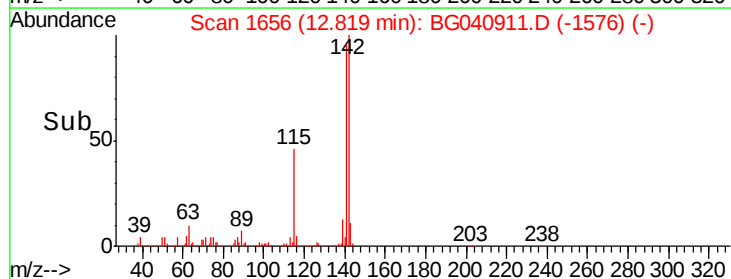
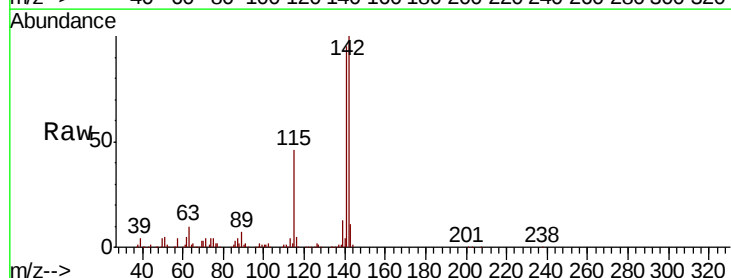
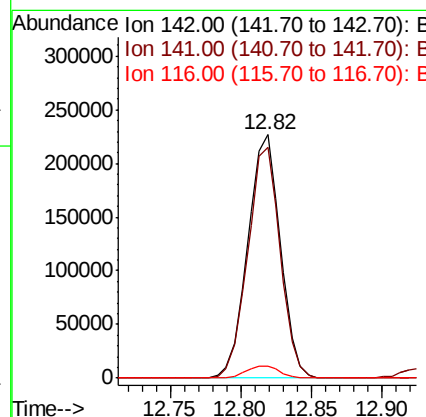
Manual Integrations
APPROVED

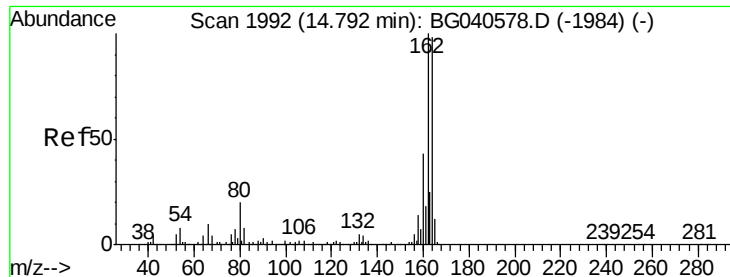
Sohil
5/14/2019 8:04:35 PM



#38
1-Methylnaphthalene
Concen: 46.615 ng
RT: 12.82 min Scan# 1656
Delta R.T. -0.03 min
Lab File: BG040911.D
Acq: 13 May 2019 15:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.8	75.9	113.9
116	4.9	4.2	6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1986

Delta R.T. -0.03 min

Lab File: BG040911.D

Acq: 13 May 2019 15:00

Instrument :

BNA_G

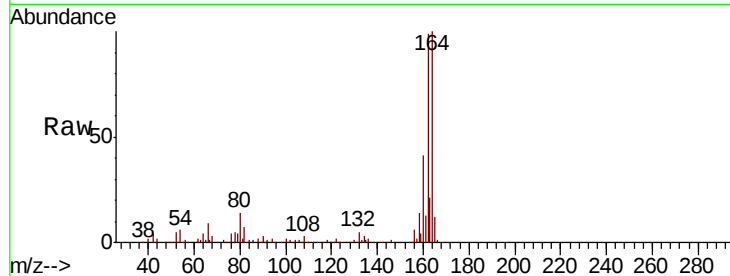
ClientSampleId :

SSTDCCC040

Tot Ion:	164	Resp:	155897
Ion Ratio	Lower	Upper	
164	100		
162	99.0	81.9	122.9
160	40.6	35.4	53.2

Manual Integrations
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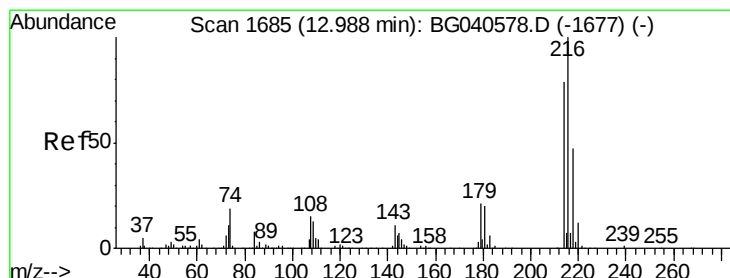
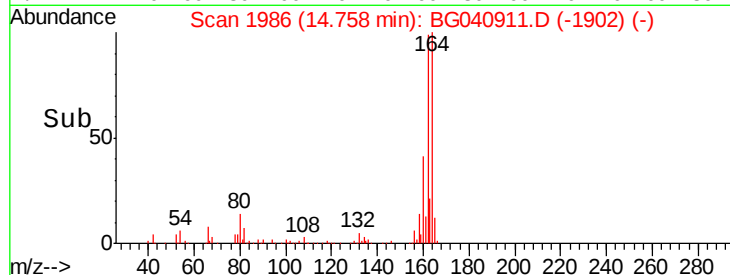
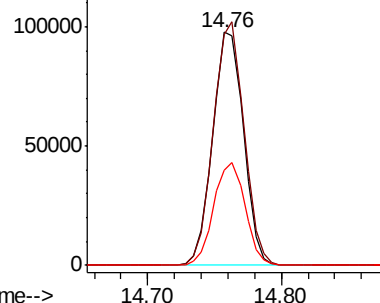


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.942 ng

RT: 12.95 min Scan# 1679

Delta R.T. -0.03 min

Lab File: BG040911.D

Acq: 13 May 2019 15:00

Tgt Ion:	216	Resp:	284236
Ion Ratio	Lower	Upper	
216	100		
214	78.1	63.7	95.5
179	18.4	16.6	24.8
108	15.0	14.7	22.1

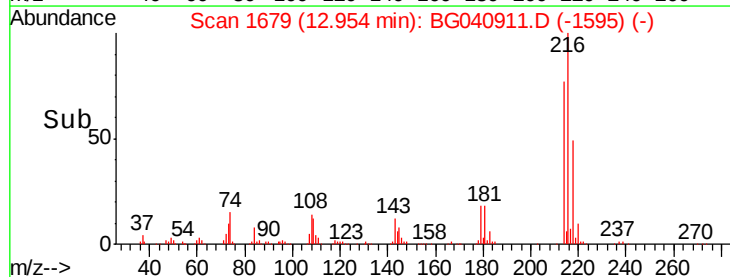
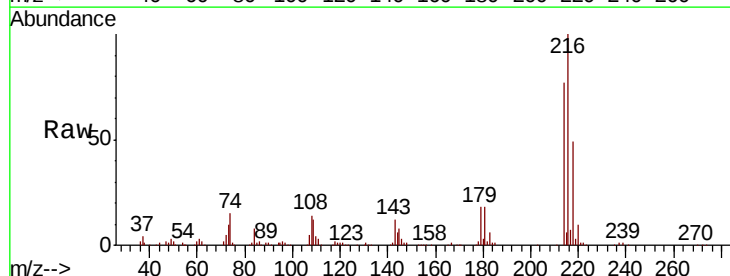
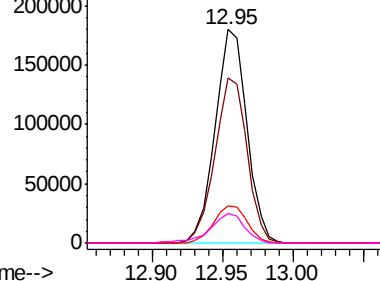
Abundance

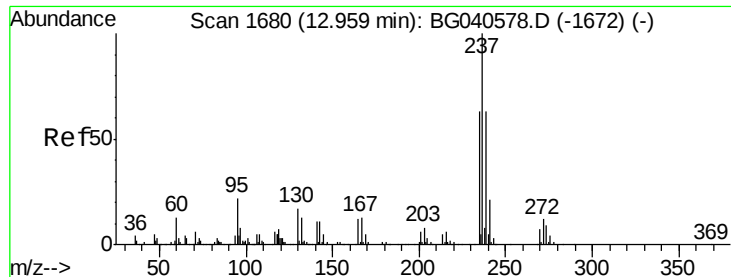
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





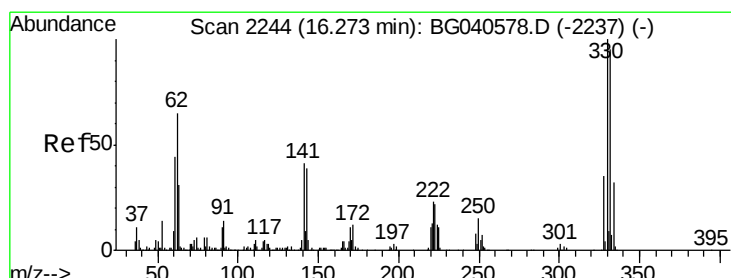
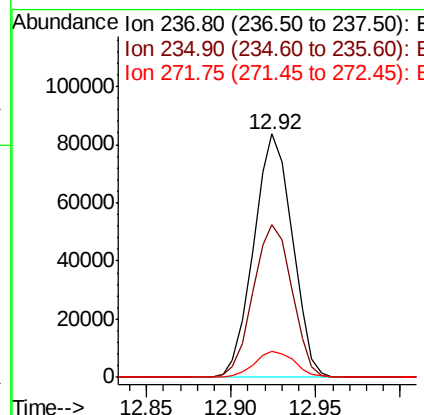
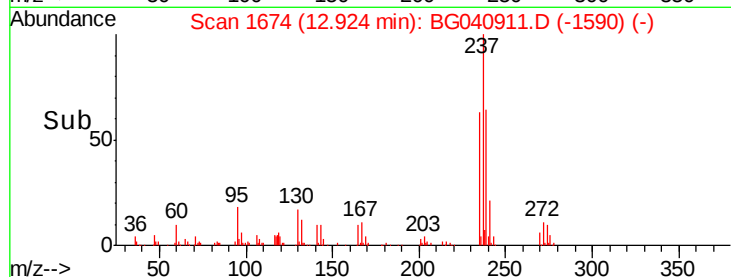
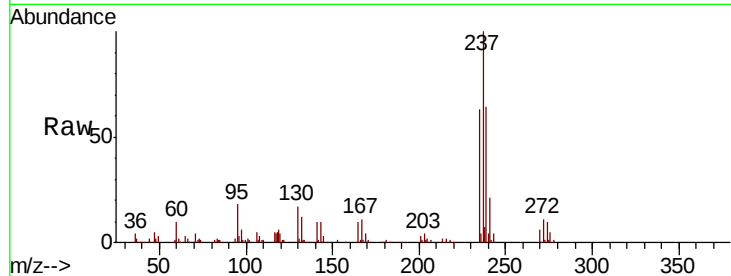
#41
Hexachlorocyclopentadiene
Concen: 38.786 ng
RT: 12.92 min Scan# 1674
Delta R.T. -0.03 min
Lab File: BG040911.D
Acq: 13 May 2019 15:00

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.0	42.5	82.5
272	10.8	0.0	31.6

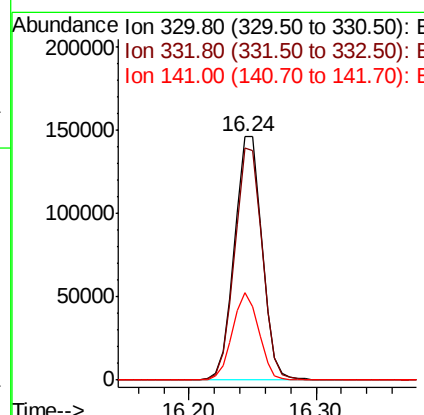
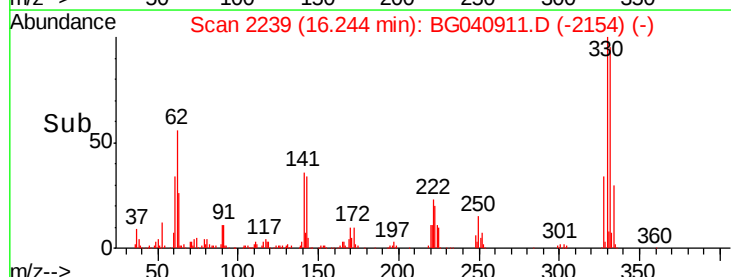
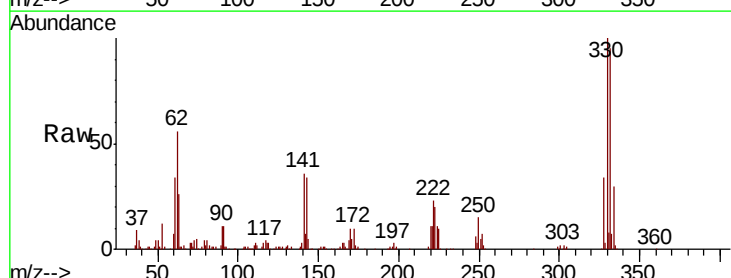
Manual Integrations
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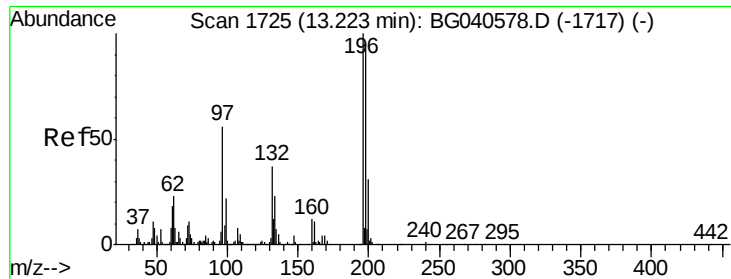
Sohil
5/14/2019 8:04:35 PM



#42
2,4,6-Tribromophenol
Concen: 102.115 ng
RT: 16.24 min Scan# 2239
Delta R.T. -0.03 min
Lab File: BG040911.D
Acq: 13 May 2019 15:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	95.2	75.9	113.9
141	34.2	32.4	48.6





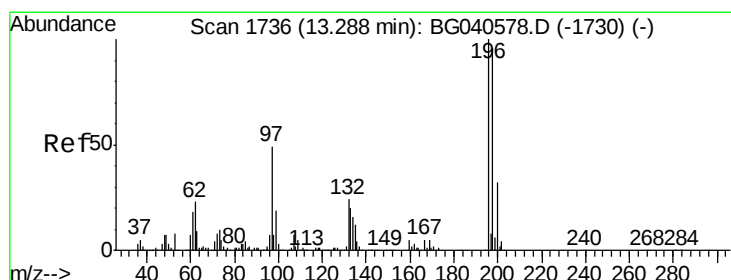
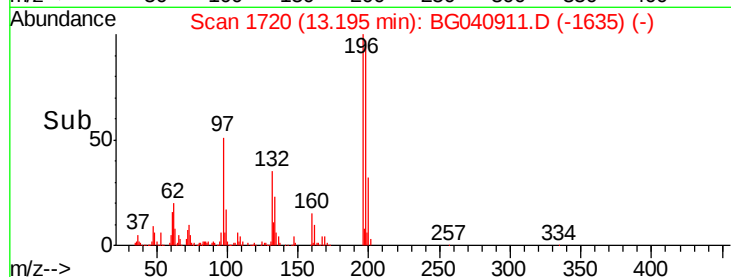
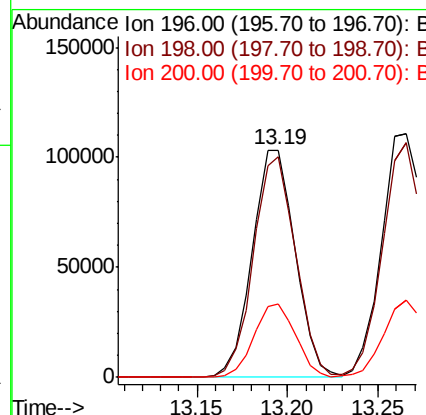
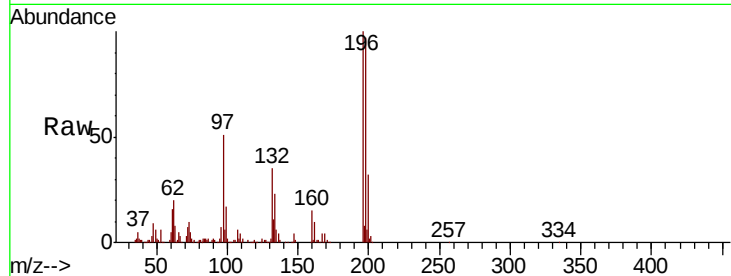
#43
2,4,6-Trichlorophenol
Concen: 48.567 ng
RT: 13.19 min Scan# 1720
Delta R.T. -0.03 min
Lab File: BG040911.D
Acq: 13 May 2019 15:00

Instrument :
BNA_G
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	170447		
198	97.0	74.8	112.2	
200	32.0	24.9	37.3	

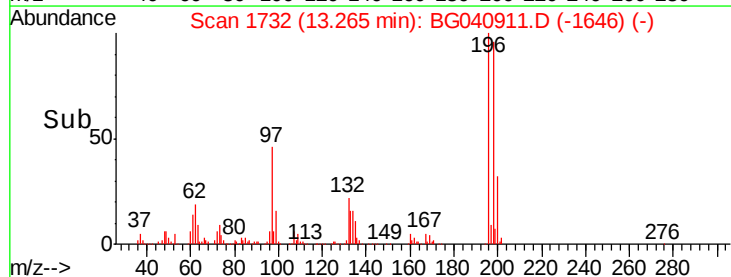
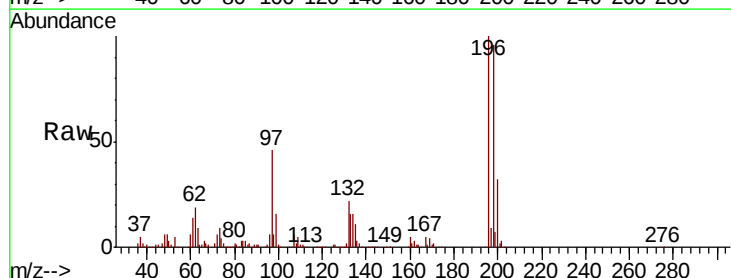
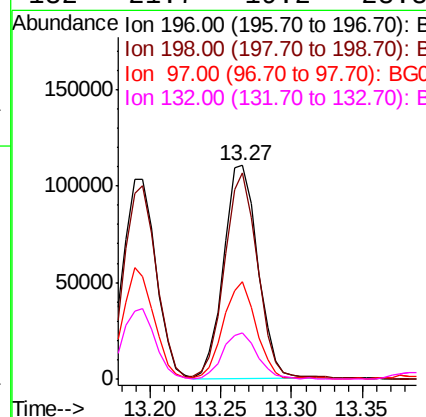
Manual Integrations
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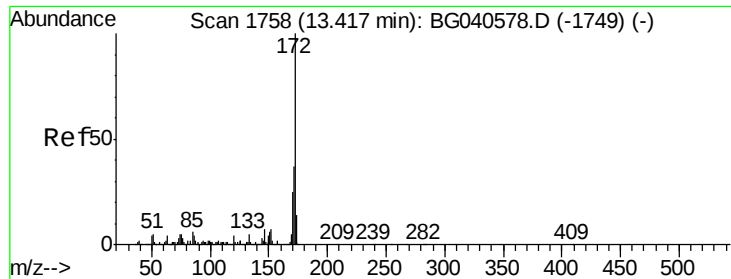
Sohil
5/14/2019 8:04:35 PM



#44
2,4,5-Trichlorophenol
Concen: 48.704 ng
RT: 13.27 min Scan# 1732
Delta R.T. -0.02 min
Lab File: BG040911.D
Acq: 13 May 2019 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	186204		
198	96.5	77.0	115.6	
97	45.6	40.0	60.0	
132	21.7	19.2	28.8	





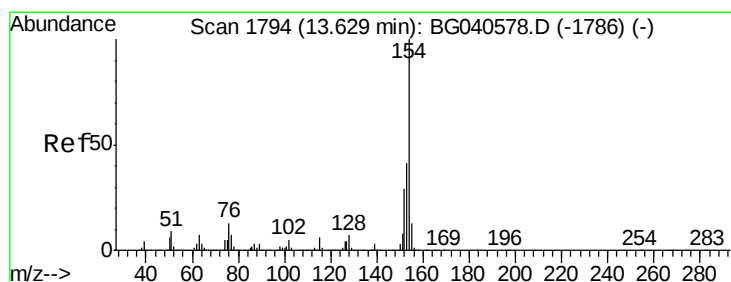
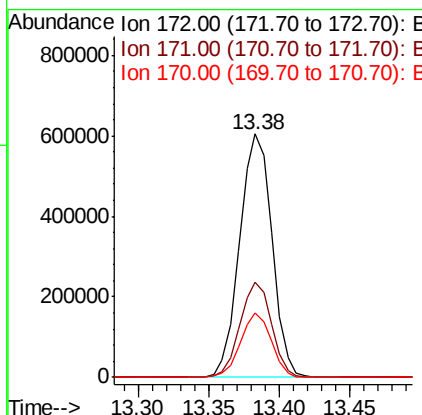
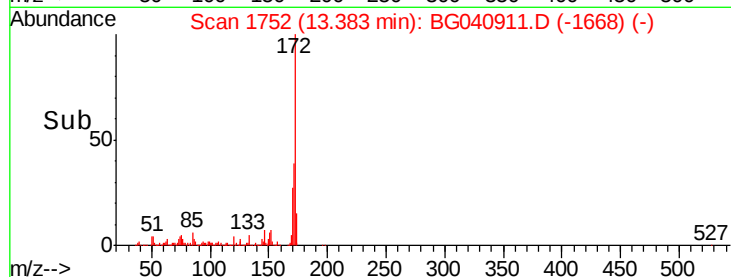
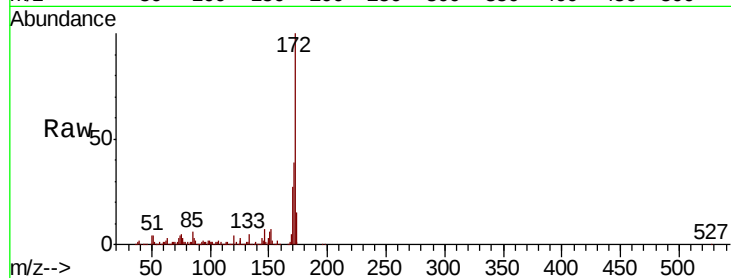
#45
2-Fluorobiphenyl
Concen: 89.722 ng
RT: 13.38 min Scan# 1752
Delta R.T. -0.03 min
Lab File: BG040911.D
Acq: 13 May 2019 15:00

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.0	29.4	44.2
170	26.5	19.9	29.9

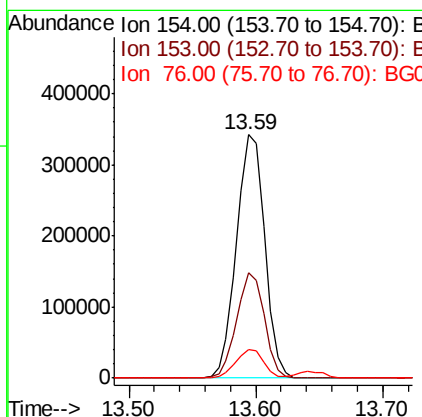
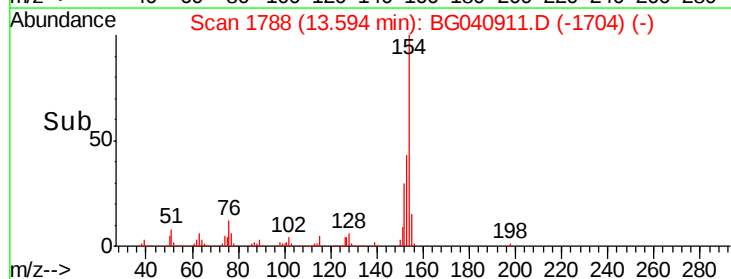
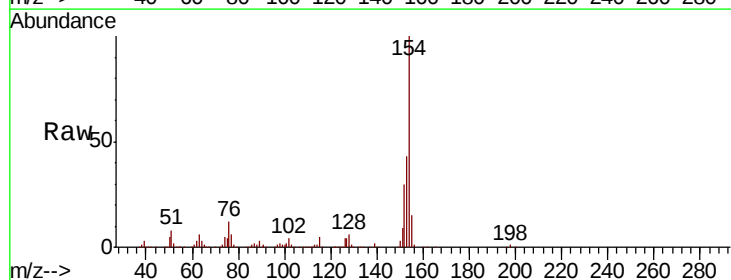
Manual Integrations
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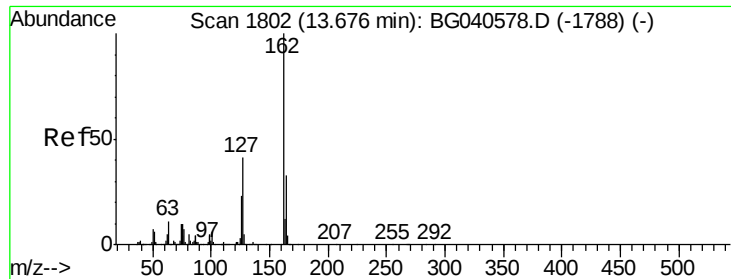
Sohil
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#46
1,1'-Biphenyl
Concen: 43.554 ng
RT: 13.59 min Scan# 1788
Delta R.T. -0.03 min
Lab File: BG040911.D
Acq: 13 May 2019 15:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.1	20.5	60.5
76	11.5	0.0	32.5





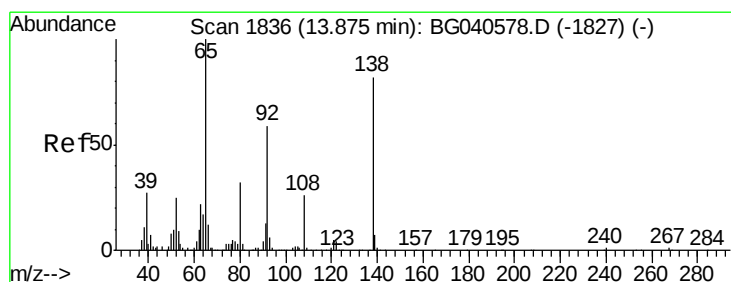
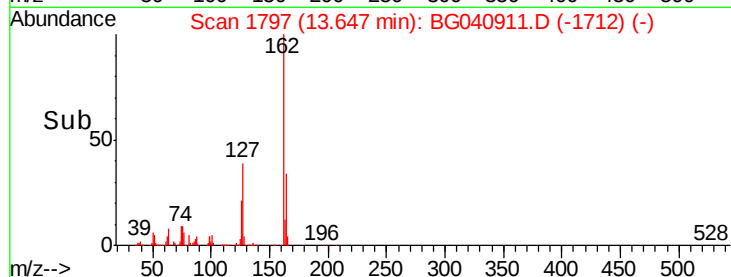
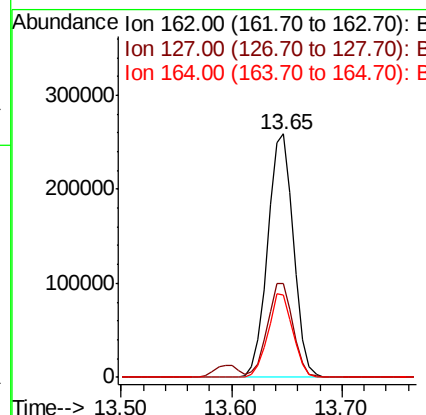
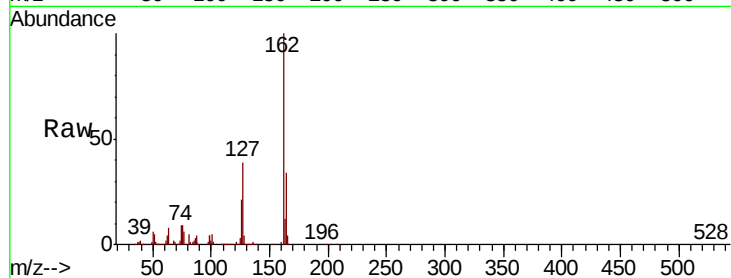
#47
 2-Chloronaphthalene
 Concen: 44.801 ng
 RT: 13.65 min Scan# 1797
 Delta R.T. -0.03 min
 Lab File: BG040911.D
 Acq: 13 May 2019 15:00

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.7	33.0	49.4
164	33.7	26.8	40.2

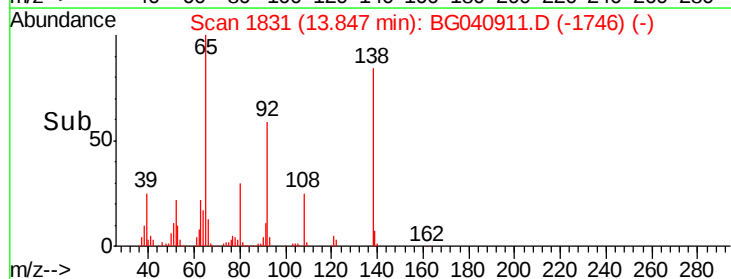
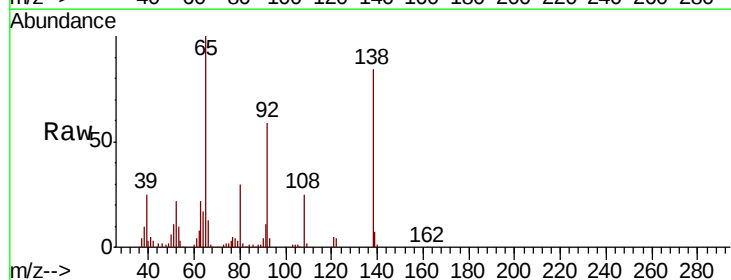
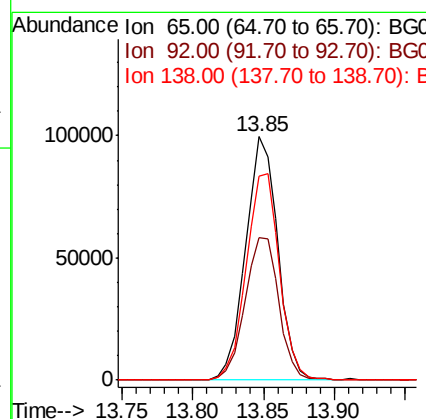
Manual Integrations
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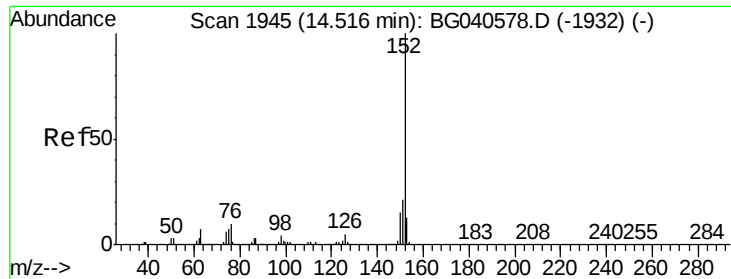
Sohil
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#48
 2-Nitroaniline
 Concen: 47.317 ng
 RT: 13.85 min Scan# 1831
 Delta R.T. -0.03 min
 Lab File: BG040911.D
 Acq: 13 May 2019 15:00

Tgt Ion	Ratio	Lower	Upper
65	100		
92	58.5	47.4	71.0
138	84.0	66.1	99.1





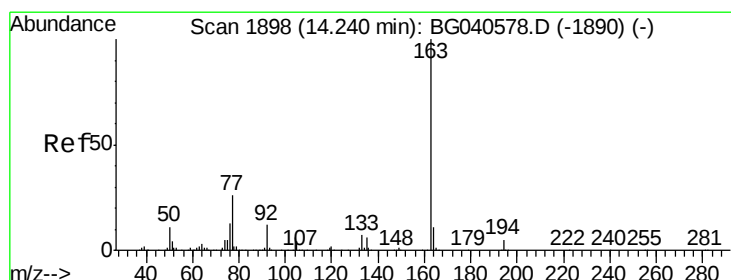
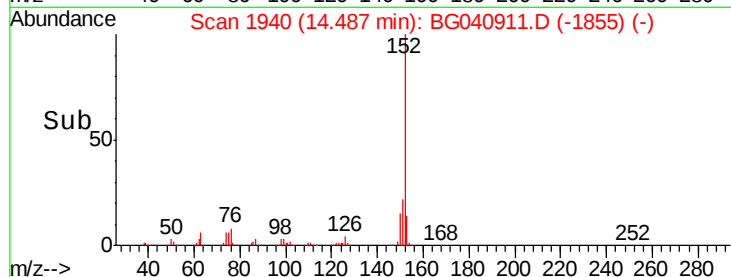
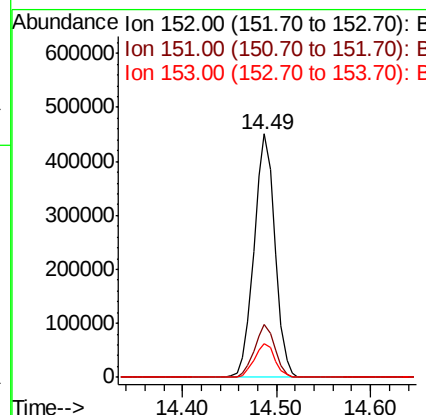
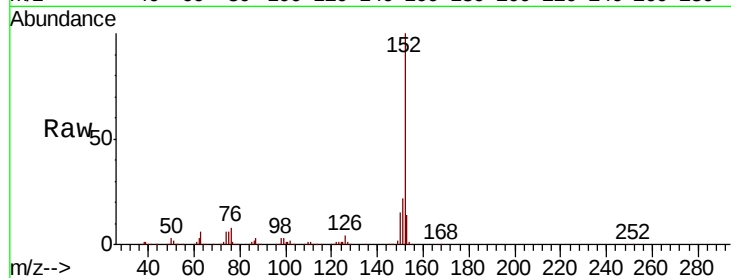
#49
Acenaphthylene
Concen: 43.059 ng
RT: 14.49 min Scan# 1940
Delta R.T. -0.03 min
Lab File: BG040911.D
Acq: 13 May 2019 15:00

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.2	25.8
153	13.6	10.7	16.1

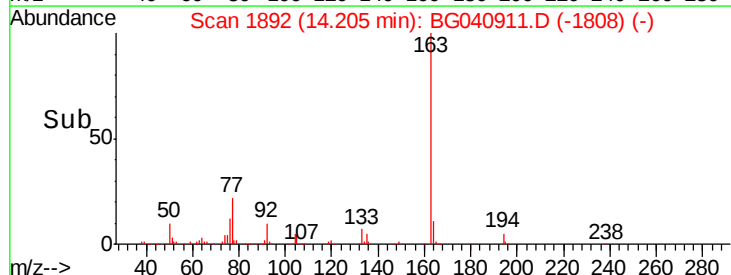
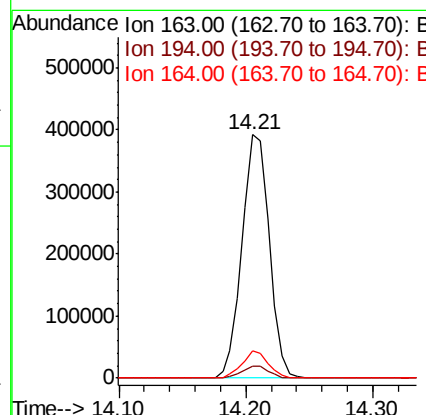
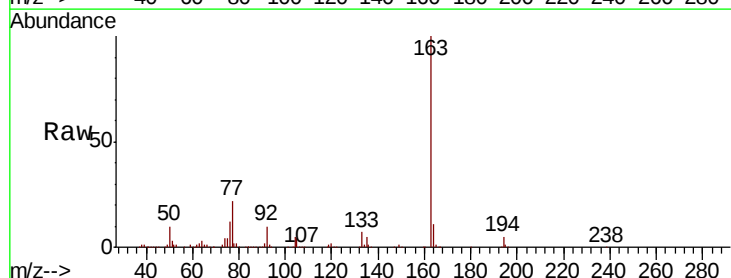
Manual Integrations
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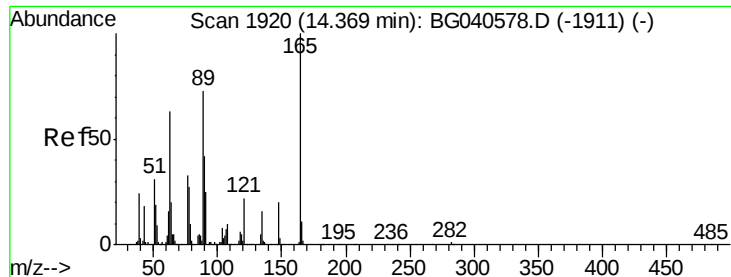
Sohil
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#50
Dimethylphthalate
Concen: 44.719 ng
RT: 14.21 min Scan# 1892
Delta R.T. -0.03 min
Lab File: BG040911.D
Acq: 13 May 2019 15:00

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.8	5.8
164	11.1	8.8	13.2





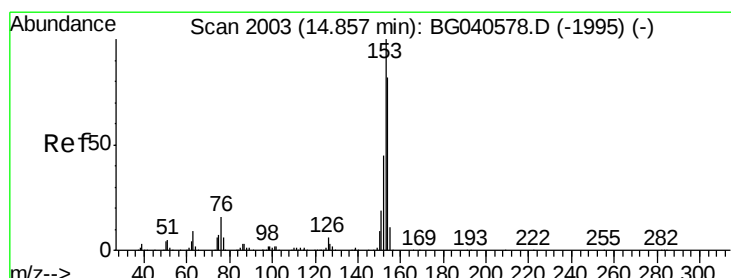
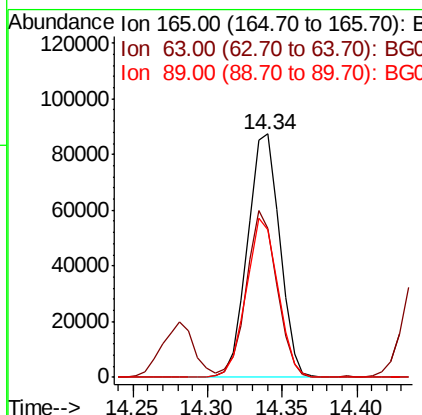
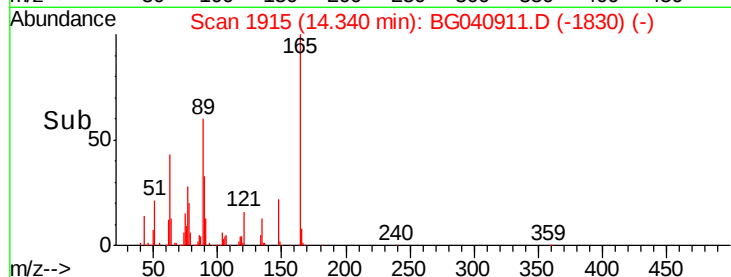
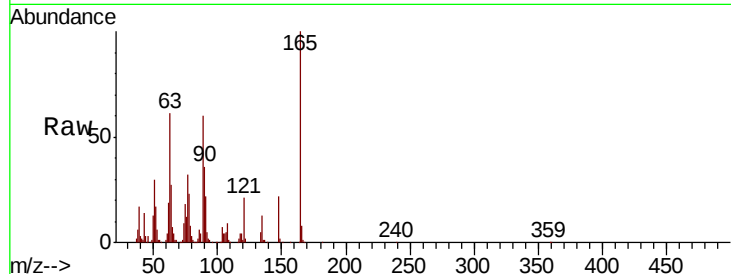
#51
2,6-Dinitrotoluene
Concen: 50.987 ng
RT: 14.34 min Scan# 1915
Delta R.T. -0.03 min
Lab File: BG040911.D
Acq: 13 May 2019 15:00

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	129797		
63	61.2	61.0	91.4	
89	60.4	58.6	87.8	

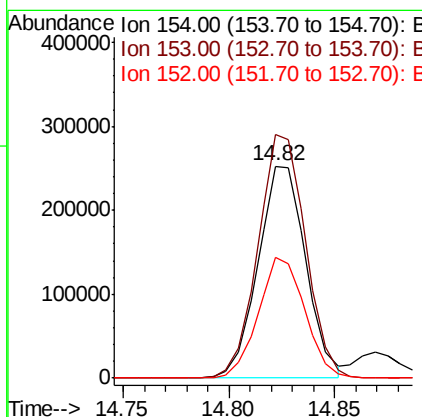
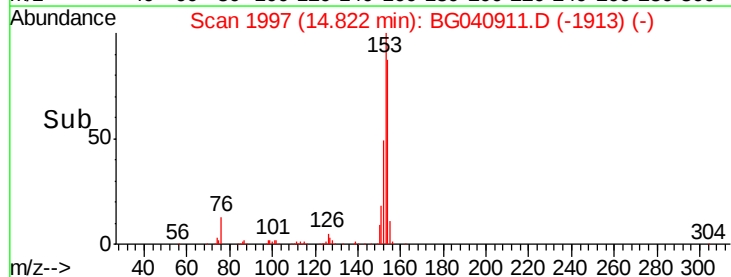
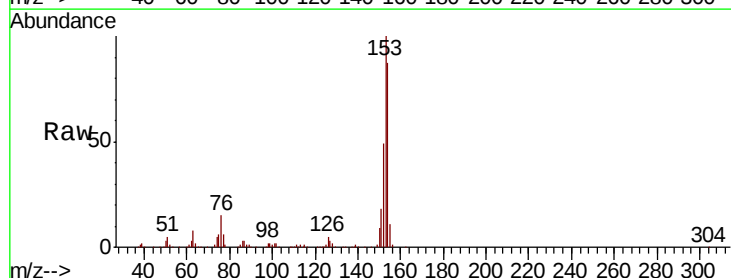
Manual Integrations
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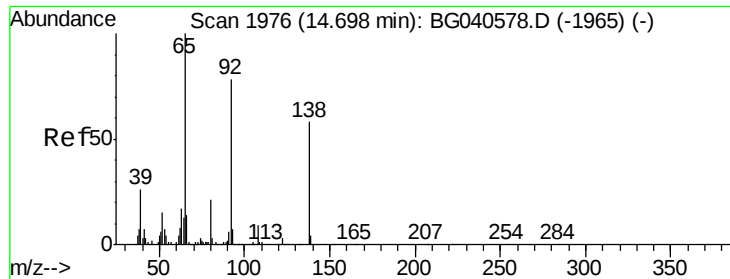
Sohil
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#52
Acenaphthene
Concen: 42.374 ng
RT: 14.82 min Scan# 1997
Delta R.T. -0.03 min
Lab File: BG040911.D
Acq: 13 May 2019 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	396590		
153	114.9	97.0	145.6	
152	56.8	44.1	66.1	





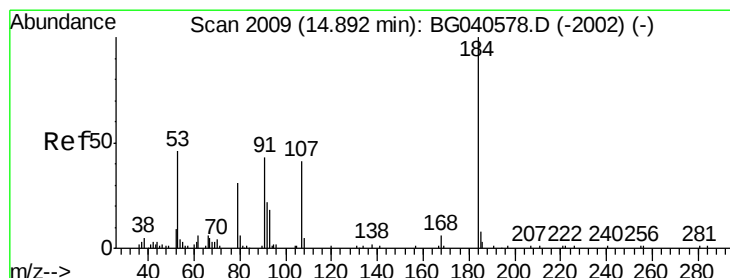
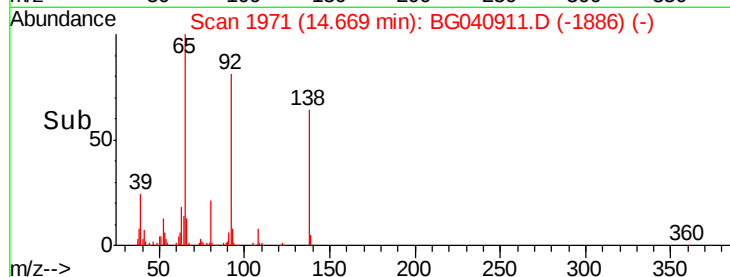
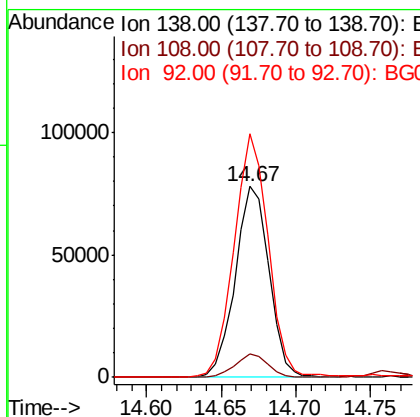
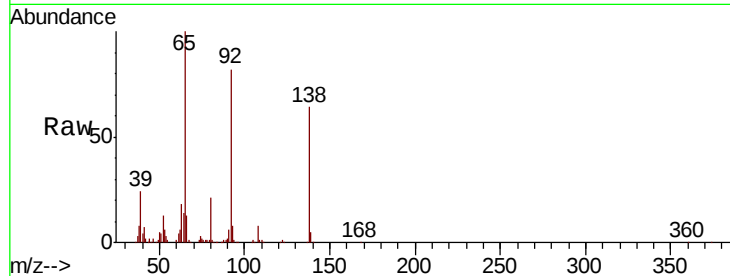
#53
3-Nitroaniline
Concen: 47.336 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.03 min
Lab File: BG040911.D
Acq: 13 May 2019 15:00

Instrument :
BNA_G
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.6	12.4	18.6
92	127.7	108.6	162.8

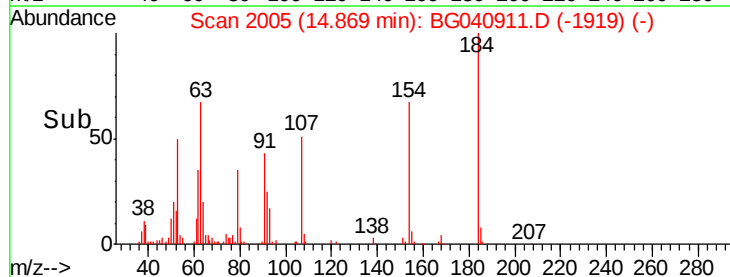
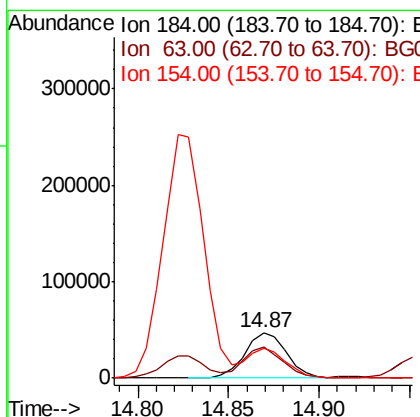
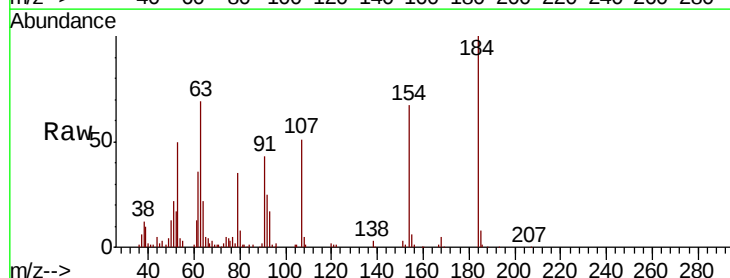
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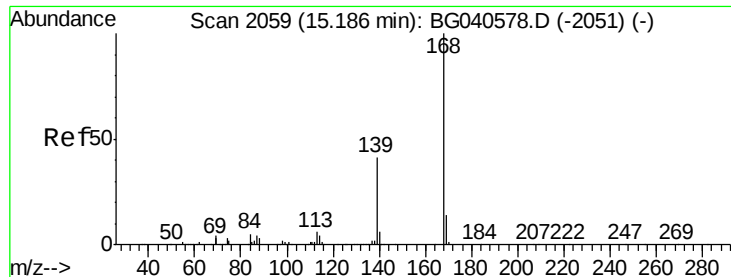
Sohil
5/14/2019 8:04:35 PM



#54
2,4-Dinitrophenol
Concen: 55.233 ng
RT: 14.87 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BG040911.D
Acq: 13 May 2019 15:00

Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.1	51.8	77.6
154	66.9	43.6	65.4#





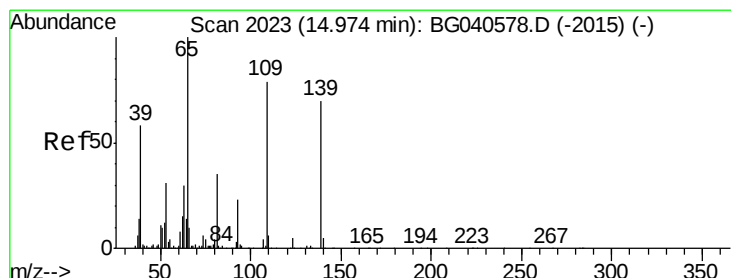
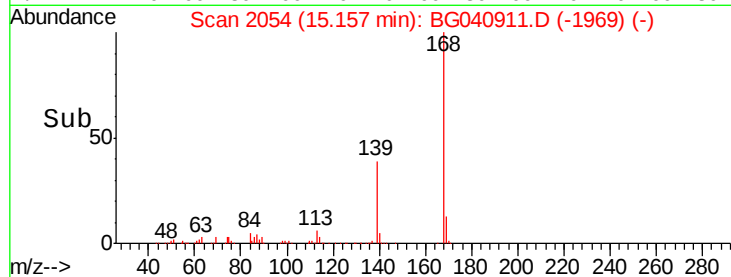
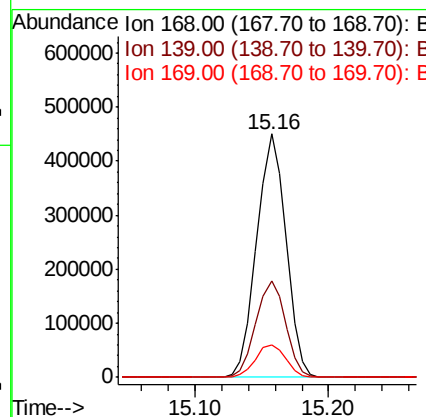
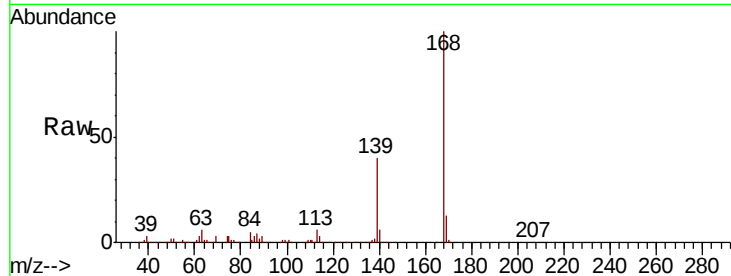
#55
Dibenzenofuran
Concen: 44.499 ng
RT: 15.16 min Scan# 2054
Delta R.T. -0.03 min
Lab File: BG040911.D
Acq: 13 May 2019 15:00

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.7	33.0	49.4
169	13.5	11.0	16.4

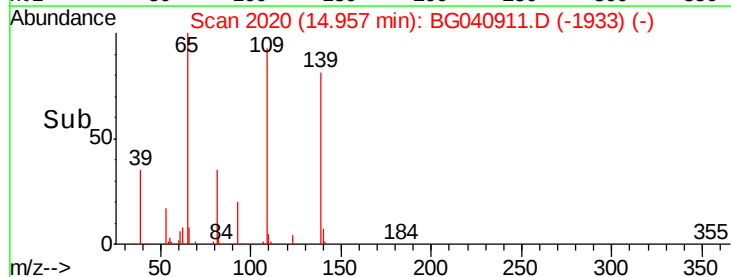
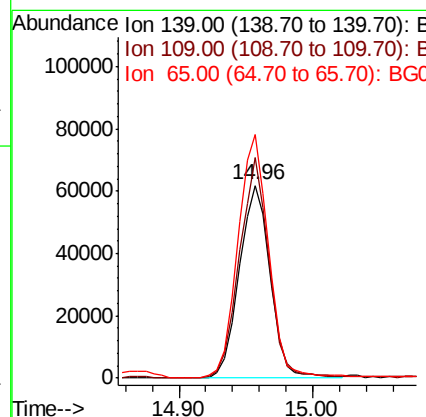
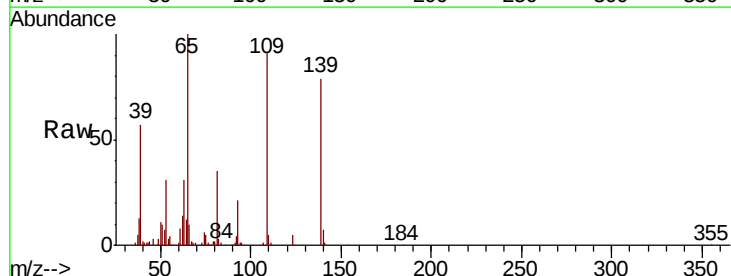
Manual Integrations
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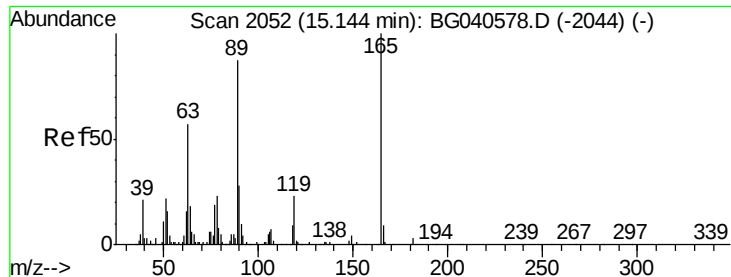
Sohil
5/14/2019 8:04:35 PM



#56
4-Nitrophenol
Concen: 43.991 ng
RT: 14.96 min Scan# 2020
Delta R.T. -0.02 min
Lab File: BG040911.D
Acq: 13 May 2019 15:00

Tgt Ion	Ratio	Lower	Upper
139	100		
109	114.7	93.8	133.8
65	126.3	122.7	162.7





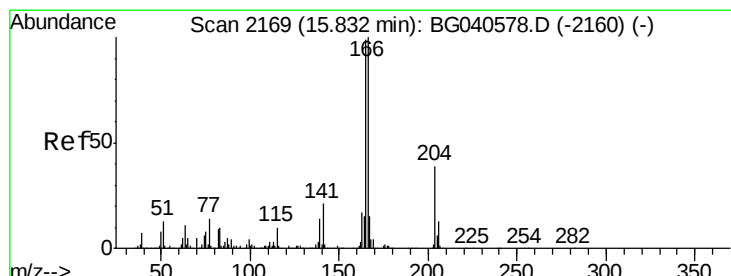
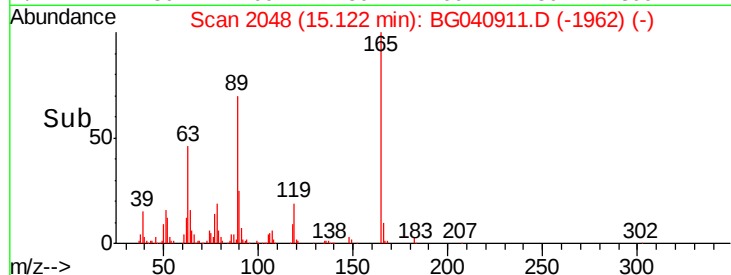
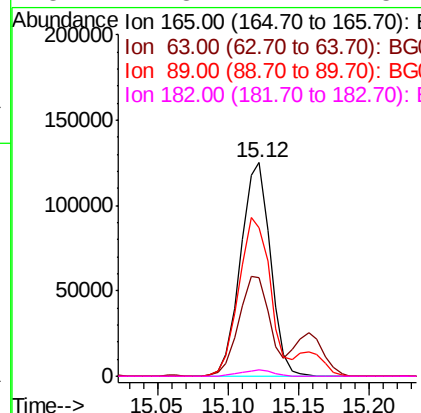
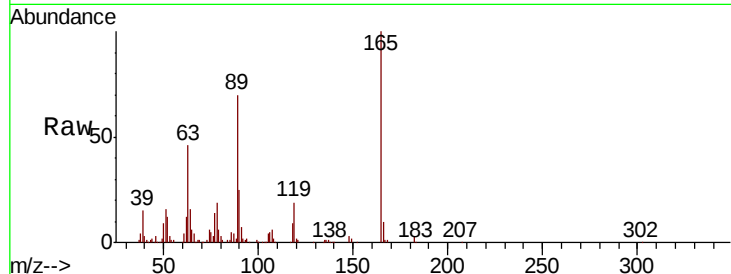
#57
2,4-Dinitrotoluene
Concen: 53.341 ng
RT: 15.12 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BG040911.D
Acq: 13 May 2019 15:00

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	184517		
63	46.2		45.8	68.8
89	69.8		69.4	104.2
182	2.8		2.2	3.4

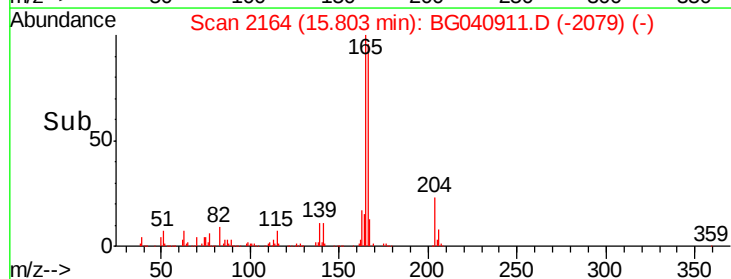
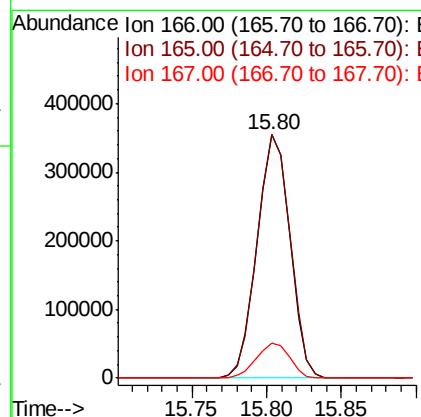
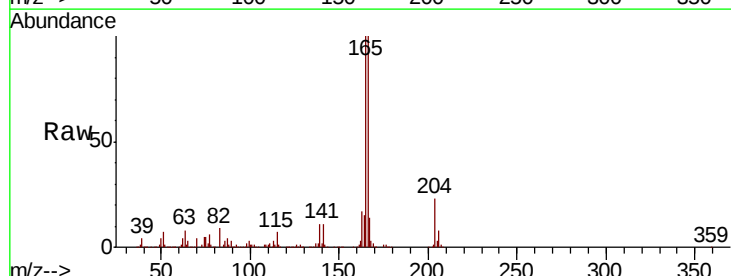
Manual Integrations
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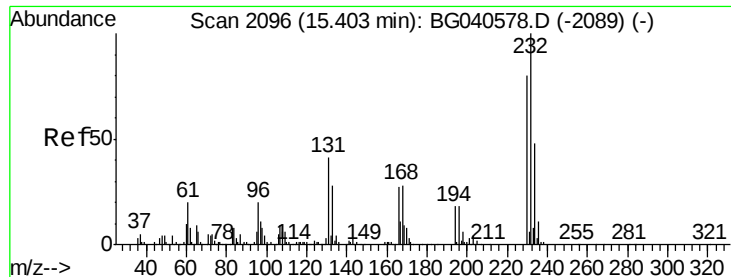
Sohil
5/14/2019 8:04:35 PM



#58
Fluorene
Concen: 43.506 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.03 min
Lab File: BG040911.D
Acq: 13 May 2019 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	539054		
165	100.1		79.6	119.4
167	14.5		12.2	18.2





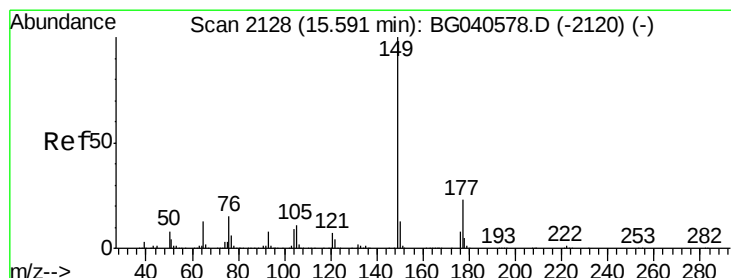
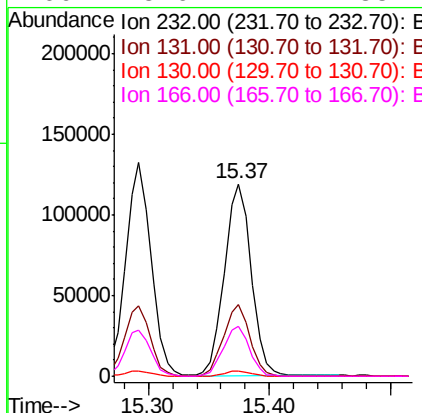
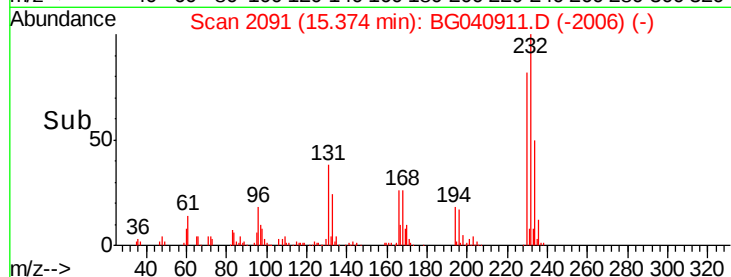
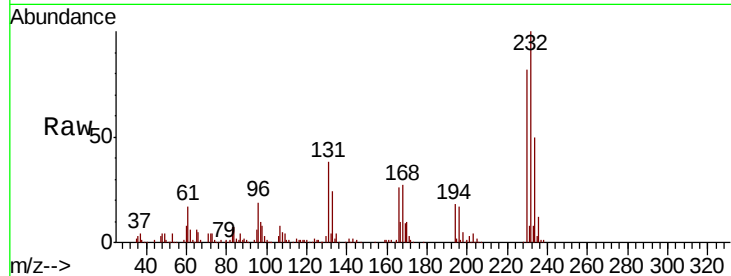
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.616 ng
 RT: 15.37 min Scan# 2091
 Delta R.T. -0.03 min
 Lab File: BG040911.D
 Acq: 13 May 2019 15:00

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
232	100	183229		
131	36.8		33.0	49.4
130	2.6		2.0	3.0
166	25.6		22.1	33.1

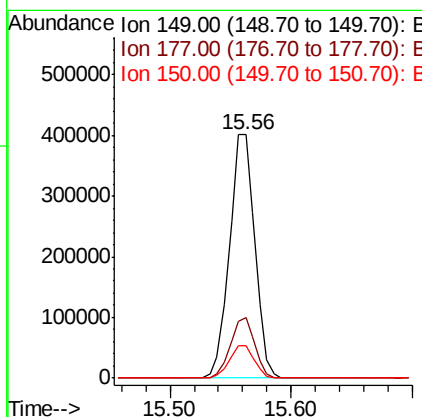
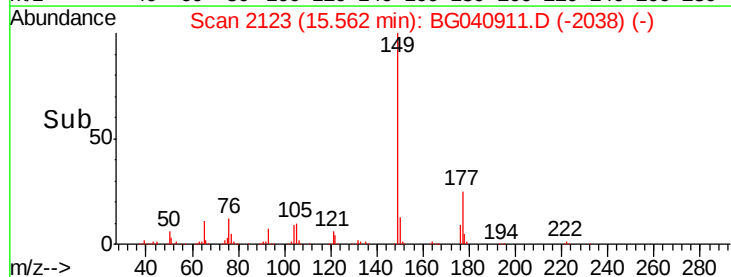
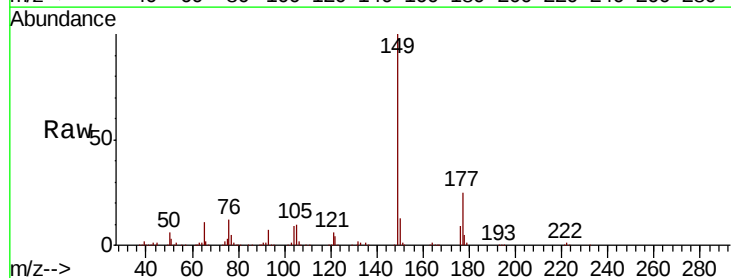
Manual Integrations
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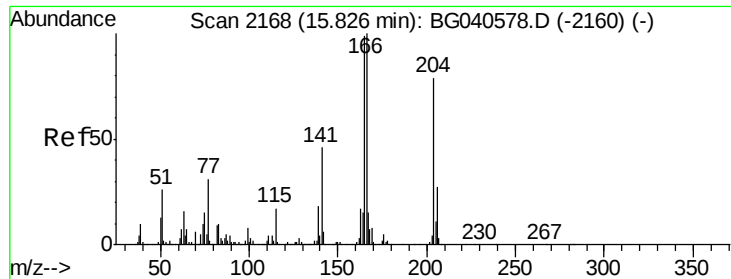
Sohil
 5/14/2019 8:04:35 PM



#60
 Diethylphthalate
 Concen: 42.485 ng
 RT: 15.56 min Scan# 2123
 Delta R.T. -0.03 min
 Lab File: BG040911.D
 Acq: 13 May 2019 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	584679		
177	24.8		18.5	27.7
150	13.3		10.2	15.4





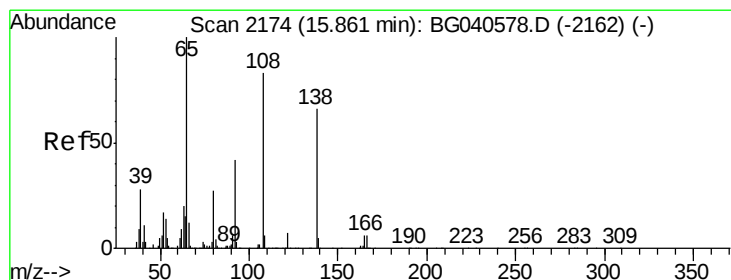
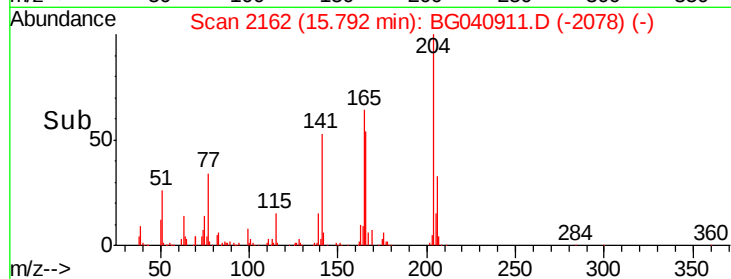
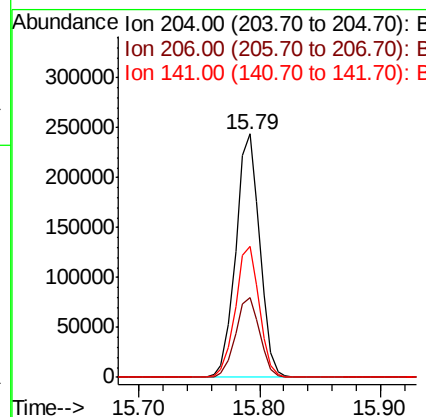
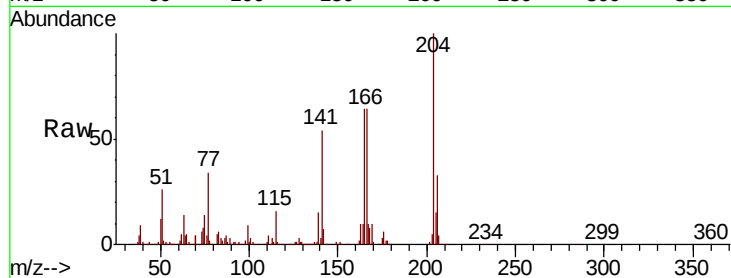
#61
4-Chlorophenyl-phenylether
Concen: 46.660 ng
RT: 15.79 min Scan# 2162
Delta R.T. -0.03 min
Lab File: BG040911.D
Acq: 13 May 2019 15:00

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	27.4	41.2
141	53.9	46.0	69.0

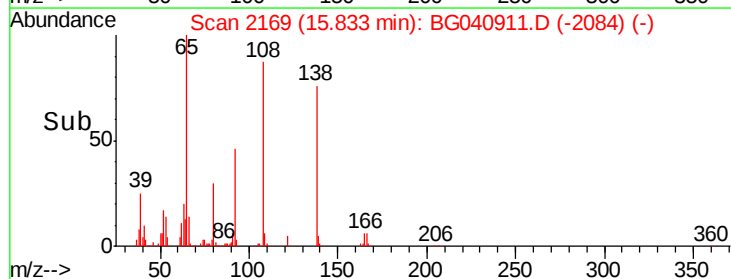
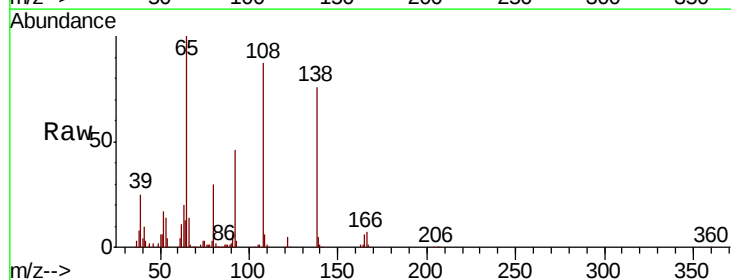
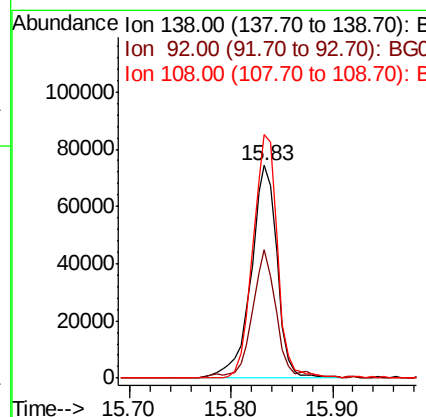
Manual Integrations
APPROVED

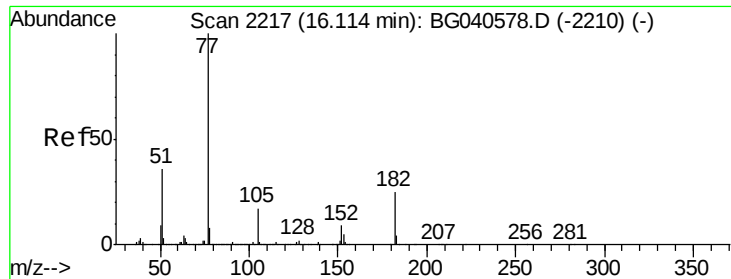
Sohil
5/14/2019 8:04:35 PM



#62
4-Nitroaniline
Concen: 45.400 ng
RT: 15.83 min Scan# 2169
Delta R.T. -0.03 min
Lab File: BG040911.D
Acq: 13 May 2019 15:00

Tgt Ion	Ratio	Lower	Upper
138	100		
92	60.3	43.9	83.9
108	114.6	106.5	146.5





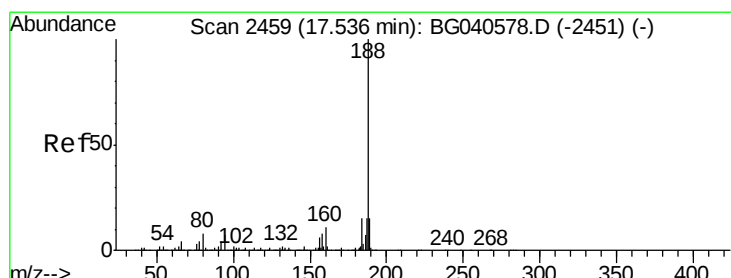
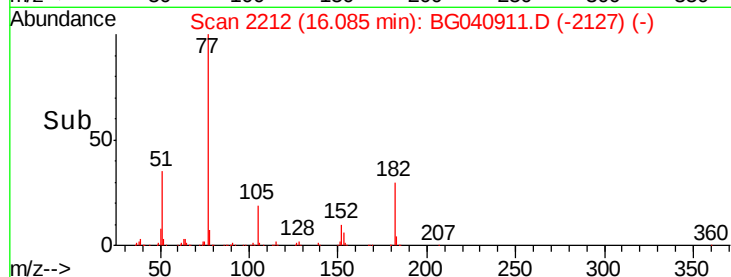
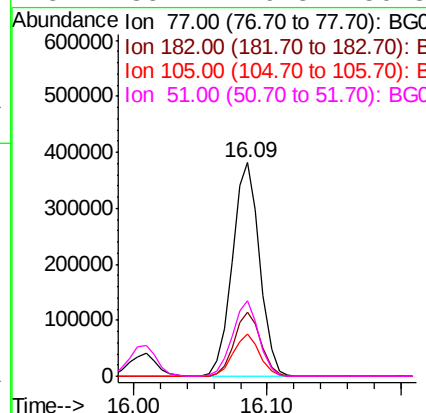
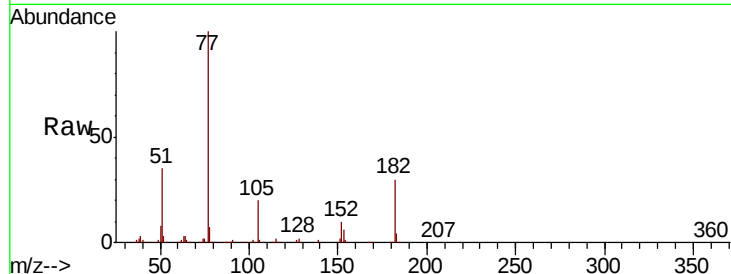
#63
Azobenzene
Concen: 38.444 ng
RT: 16.09 min Scan# 2212
Delta R.T. -0.03 min
Lab File: BG040911.D
Acq: 13 May 2019 15:00

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	29.8	5.0	45.0		
105	19.6	0.0	37.6		
51	35.1	16.3	56.3		

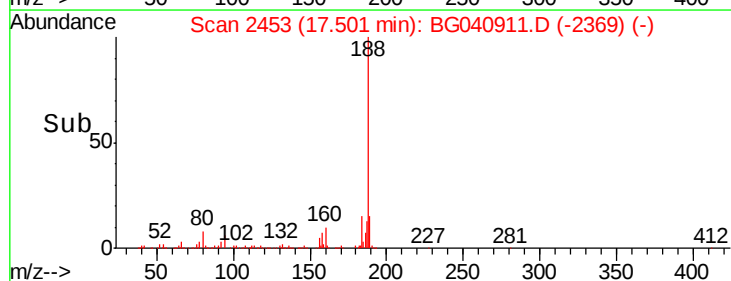
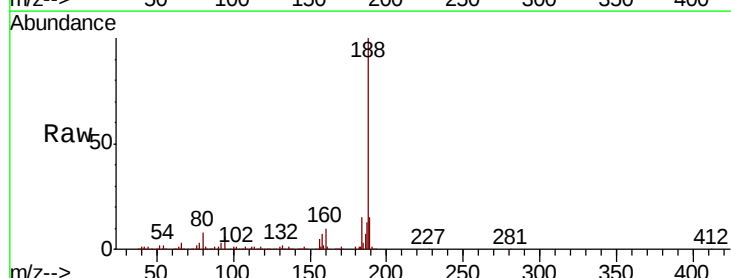
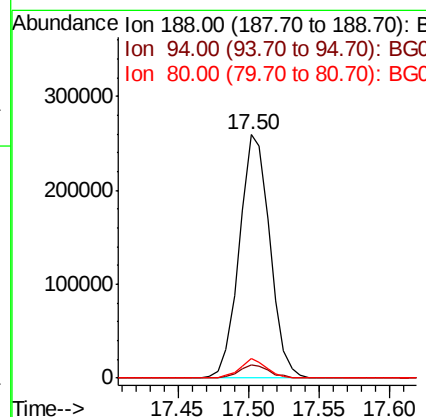
Manual Integrations
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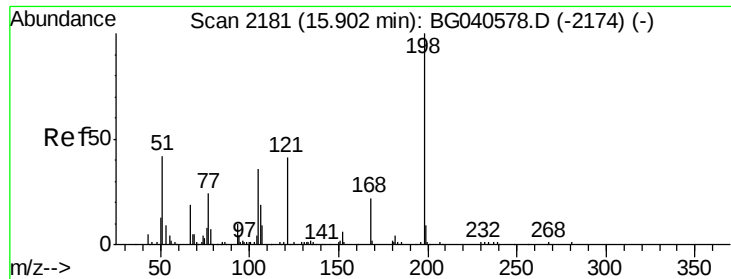
Sohil
5/14/2019 8:04:35 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.03 min
Lab File: BG040911.D
Acq: 13 May 2019 15:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	5.6	5.6	8.4		
80	7.9	6.4	9.6		





#65

4,6-Dinitro-2-methylphenol

Concen: 55.932 ng

RT: 15.87 min Scan# 2176

Delta R.T. -0.03 min

Lab File: BG040911.D

Acq: 13 May 2019 15:00

Instrument :

BNA_G

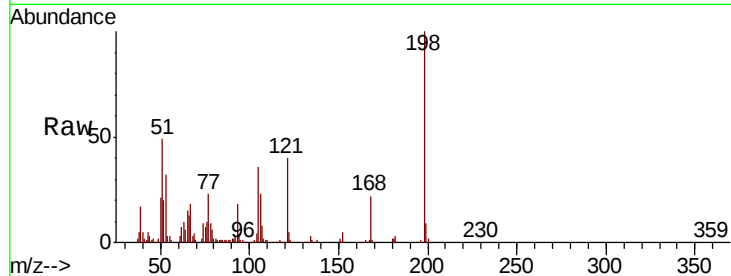
ClientSampled :

SSTDCCC040

Tot Ion:	198	Resp:	110355
Ion Ratio	Lower	Upper	
198	100		
51	49.0	35.9	75.9
105	36.3	21.2	61.2

Manual Integrations
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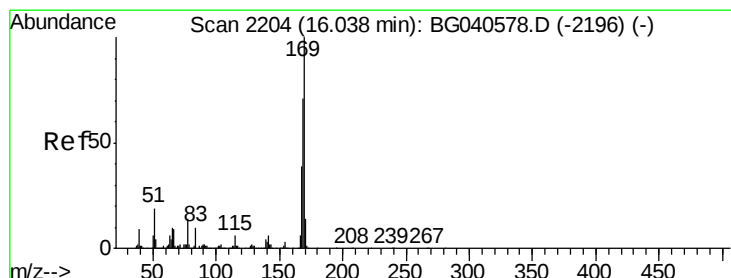
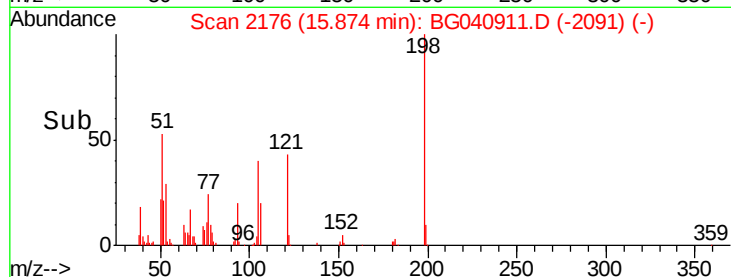
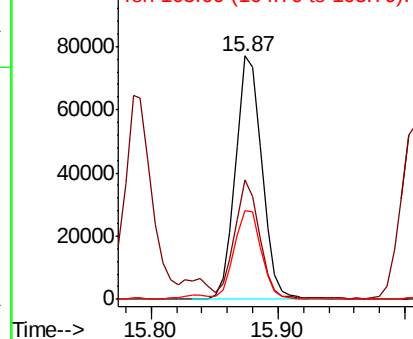


Abundance

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: 42.649 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.03 min

Lab File: BG040911.D

Acq: 13 May 2019 15:00

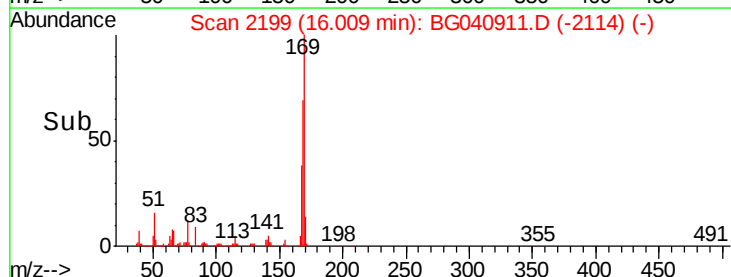
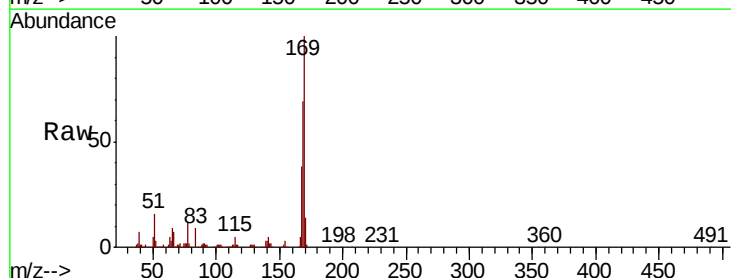
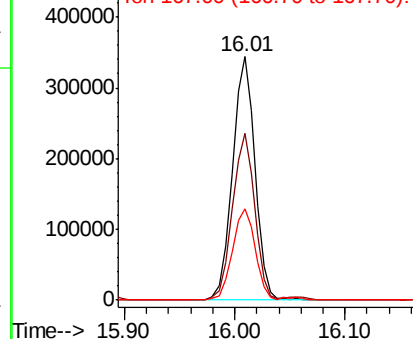
Tgt Ion:	169	Resp:	490372
Ion Ratio	Lower	Upper	
169	100		
168	68.7	56.8	85.2
167	37.7	31.4	47.0

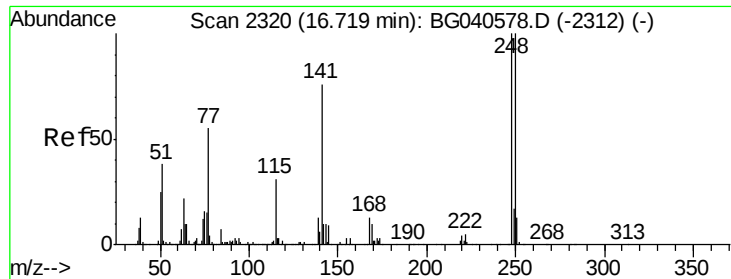
Abundance

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





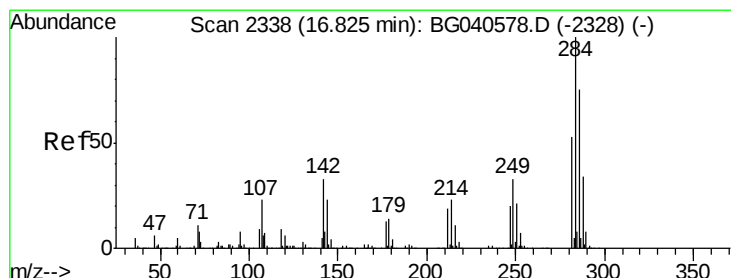
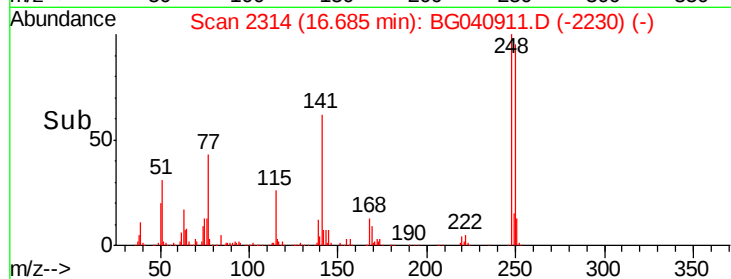
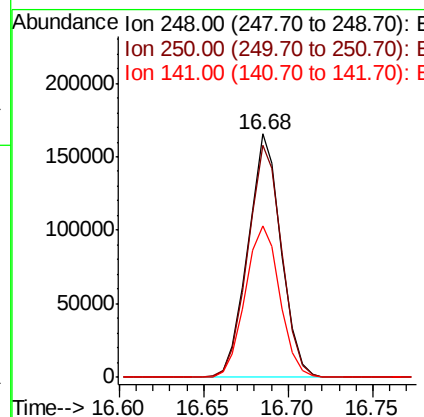
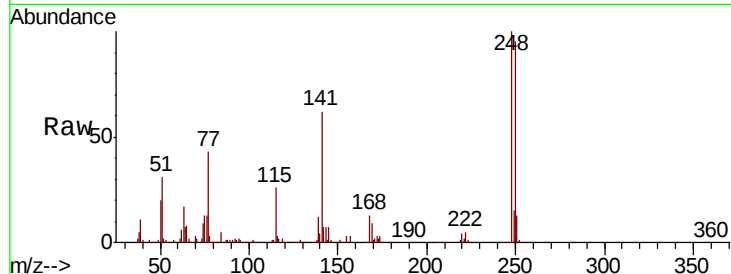
#67
4-Bromophenyl-phenylether
Concen: 46.321 ng
RT: 16.68 min Scan# 2314
Delta R.T. -0.03 min
Lab File: BG040911.D
Acq: 13 May 2019 15:00

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.1	79.8	119.6
141	62.5	60.8	91.2

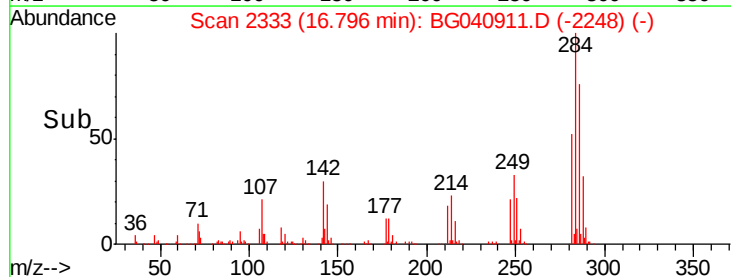
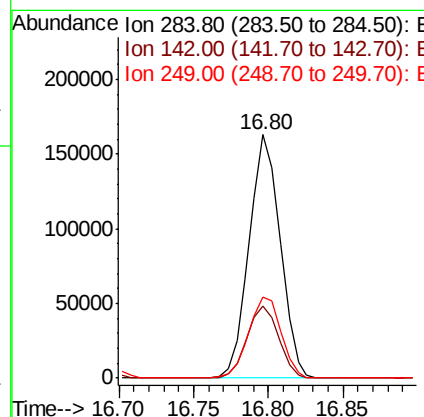
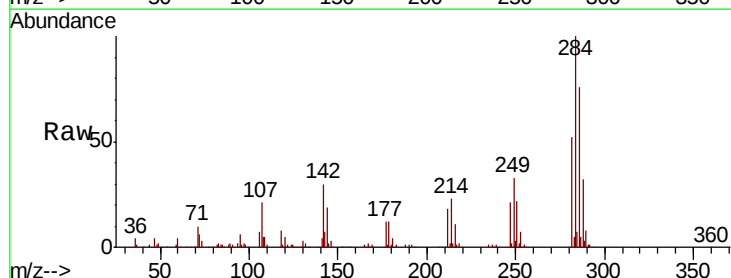
Manual Integrations
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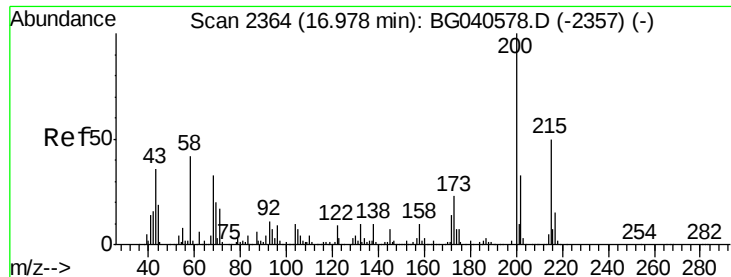
Sohil
5/14/2019 8:04:35 PM



#68
Hexachlorobenzene
Concen: 46.583 ng
RT: 16.80 min Scan# 2333
Delta R.T. -0.03 min
Lab File: BG040911.D
Acq: 13 May 2019 15:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.6	26.6	40.0
249	33.1	26.0	39.0





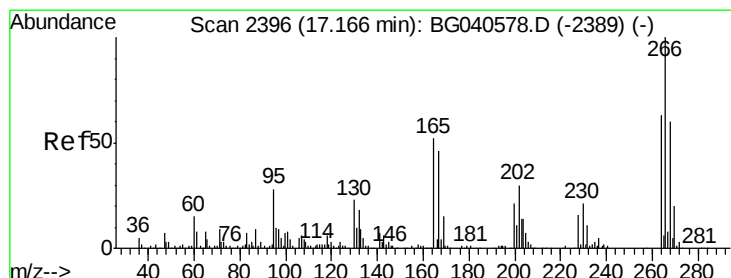
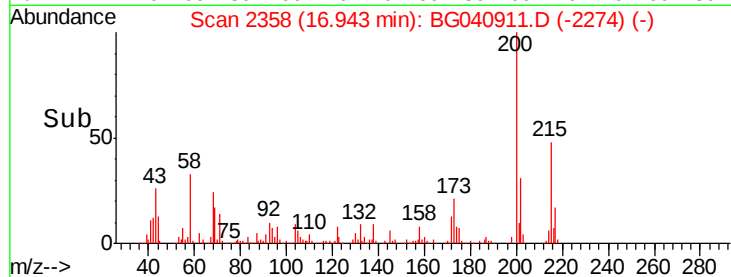
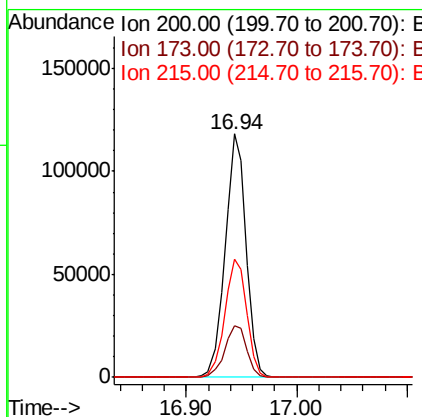
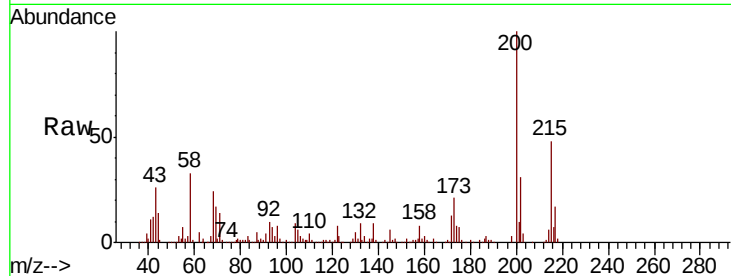
#69
Atrazine
Concen: 34.285 ng
RT: 16.94 min Scan# 2358
Delta R.T. -0.03 min
Lab File: BG040911.D
Acq: 13 May 2019 15:00

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	21.2	2.8	42.8
215	48.3	30.2	70.2

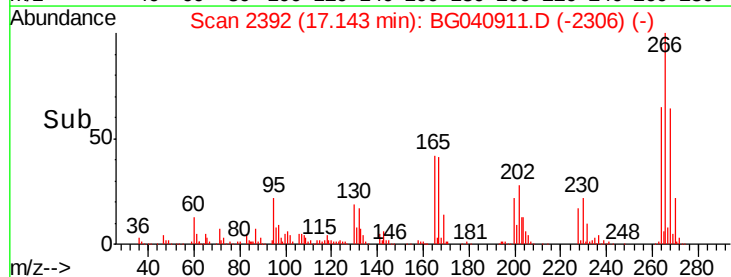
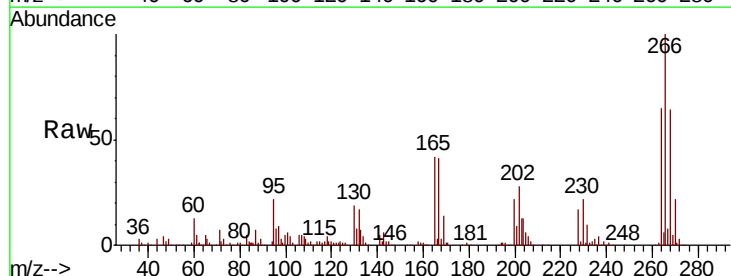
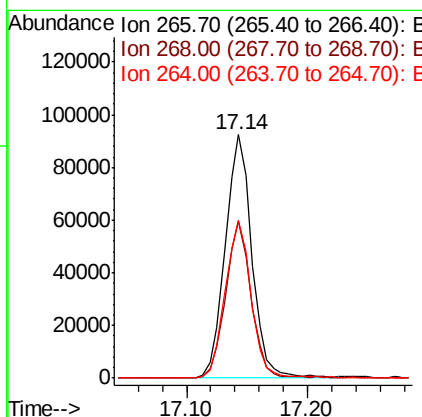
Manual Integrations
APPROVED

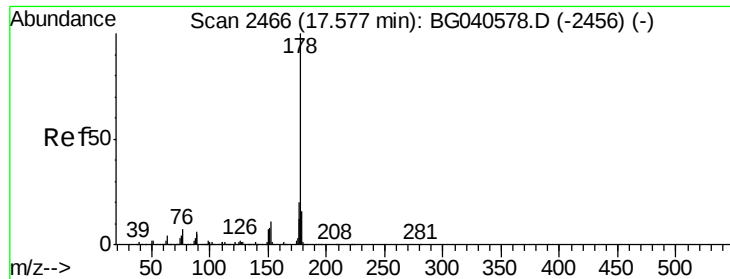
Sohil
5/14/2019 8:04:35 PM



#70
Pentachlorophenol
Concen: 48.003 ng
RT: 17.14 min Scan# 2392
Delta R.T. -0.02 min
Lab File: BG040911.D
Acq: 13 May 2019 15:00

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.1	52.3	78.5
264	65.0	50.0	75.0





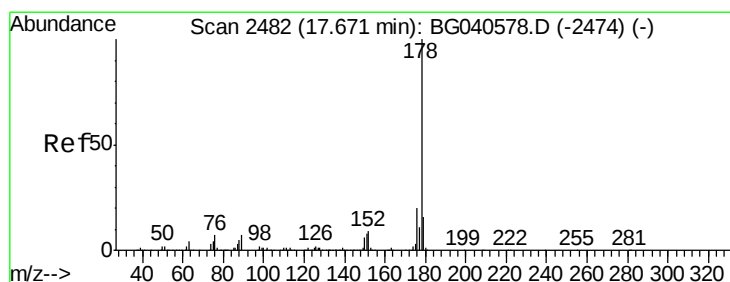
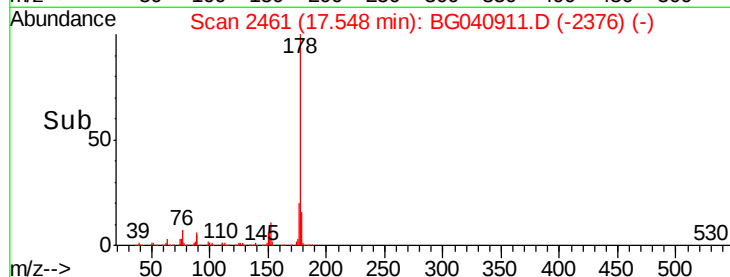
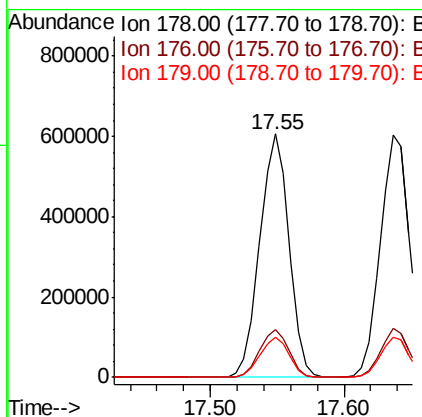
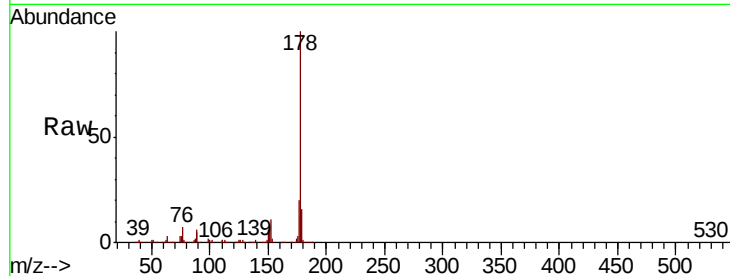
#71
Phenanthrene
Concen: 43.409 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.03 min
Lab File: BG040911.D
Acq: 13 May 2019 15:00

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.6
179	16.5	12.6	18.8

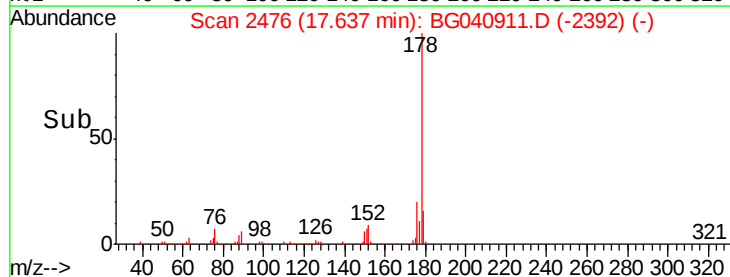
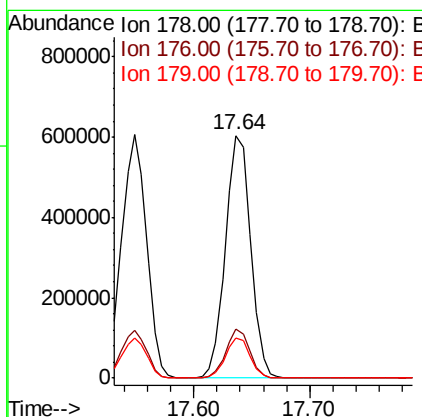
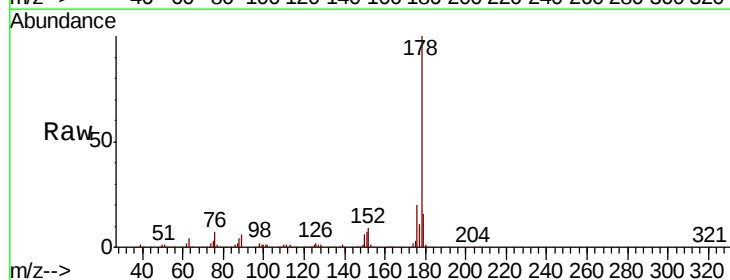
Manual Integrations
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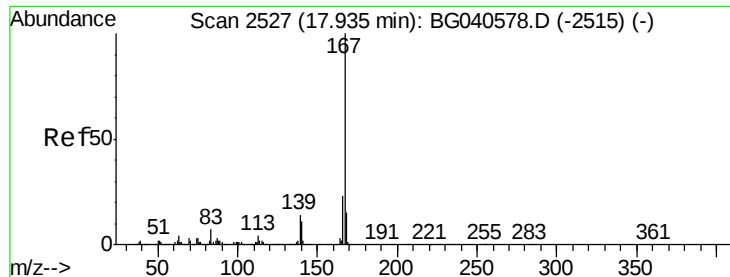
Sohil
5/14/2019 8:04:35 PM



#72
Anthracene
Concen: 43.235 ng
RT: 17.64 min Scan# 2476
Delta R.T. -0.03 min
Lab File: BG040911.D
Acq: 13 May 2019 15:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.6	23.4
179	16.4	12.9	19.3





#73

Carbazole

Concen: 41.896 ng

RT: 17.91 min Scan# 2522

Delta R.T. -0.03 min

Lab File: BG040911.D

Acq: 13 May 2019 15:00

Instrument :

BNA_G

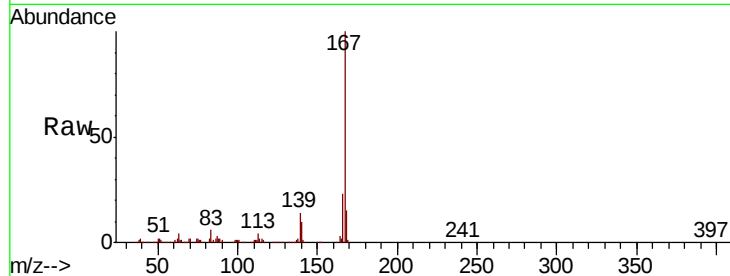
ClientSampleId :

SSTDCCC040

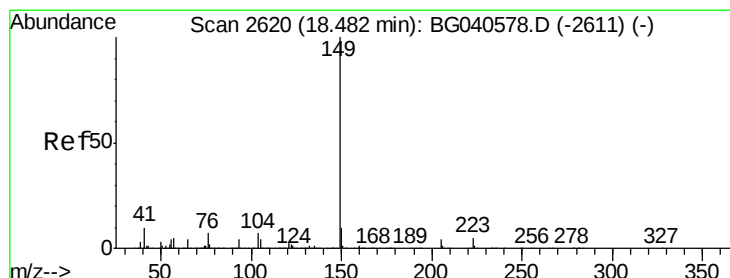
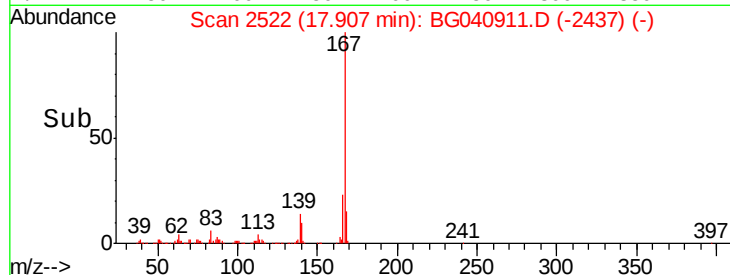
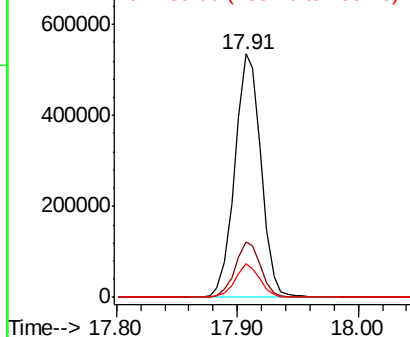
Tot Ion:	167	Resp:	807632
Ion Ratio	Lower	Upper	
167	100		
166	22.7	18.2	27.4
139	13.6	11.4	17.0

Manual Integrations
APPROVED

Sohil
5/14/2019 8:04:35 PM



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.207 ng

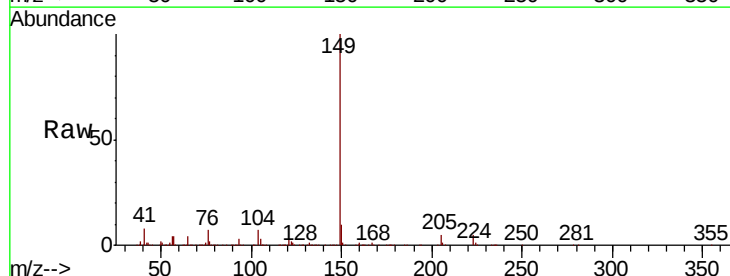
RT: 18.44 min Scan# 2613

Delta R.T. -0.04 min

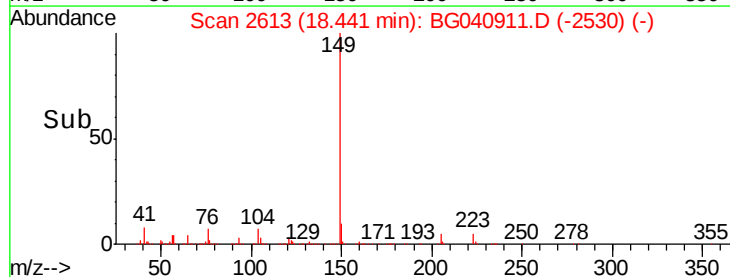
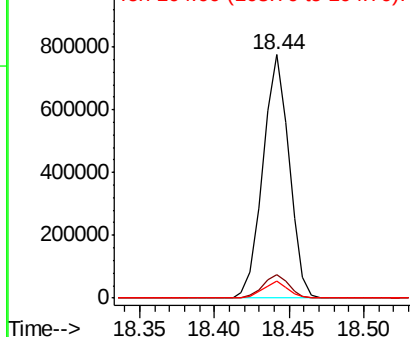
Lab File: BG040911.D

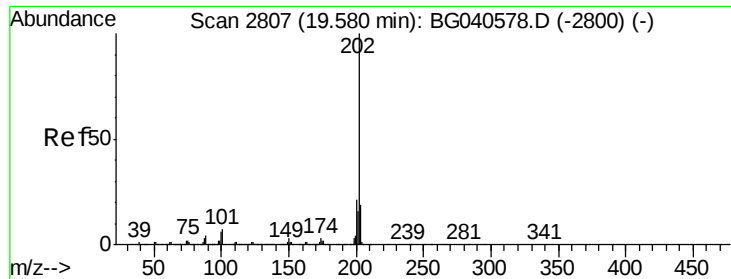
Acq: 13 May 2019 15:00

Tgt Ion:	149	Resp:	935507
Ion Ratio	Lower	Upper	
149	100		
150	9.6	8.2	12.2
104	6.8	5.4	8.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.668 ng

RT: 19.55 min Scan# 2801

Delta R.T. -0.03 min

Lab File: BG040911.D

Acq: 13 May 2019 15:00

Instrument :

BNA_G

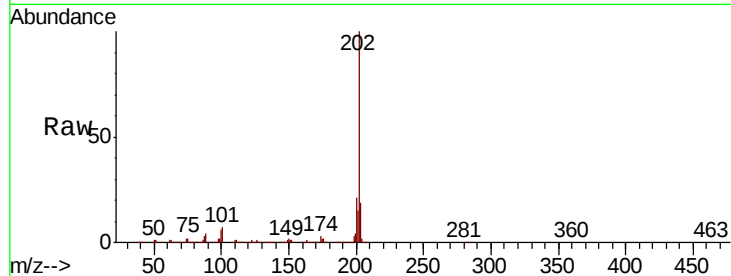
ClientSampleId :

SSTDCCC040

Tot Ion:	202	Resp:	1171723
Ion	Ratio	Lower	Upper
202	100		
101	6.6	0.0	27.5
203	18.6	0.0	39.3

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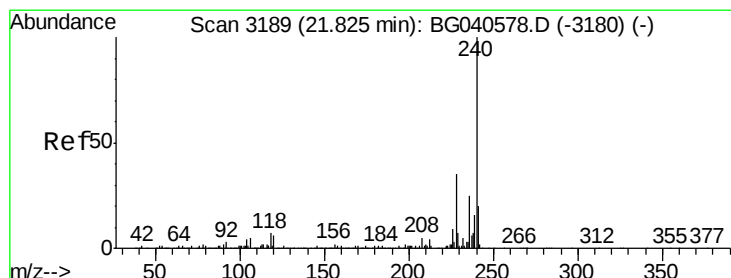
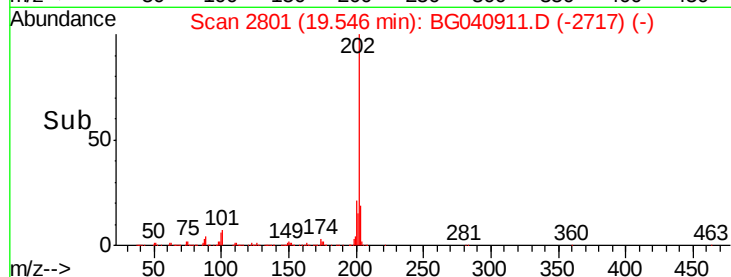
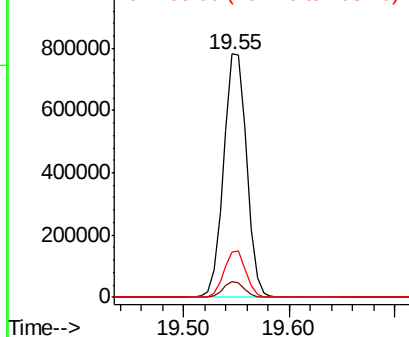


Abundance

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

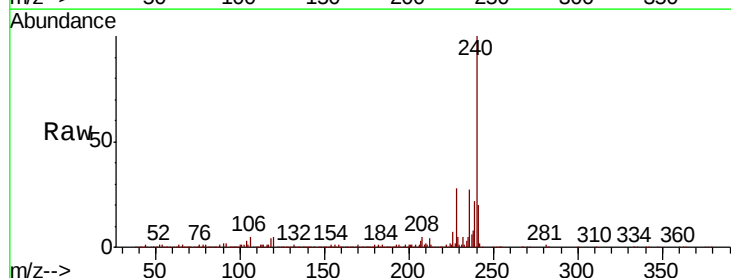
RT: 21.79 min Scan# 3183

Delta R.T. -0.03 min

Lab File: BG040911.D

Acq: 13 May 2019 15:00

Tgt Ion:	240	Resp:	384911
Ion	Ratio	Lower	Upper
240	100		
120	4.5	5.0	7.6#
236	26.6	20.3	30.5

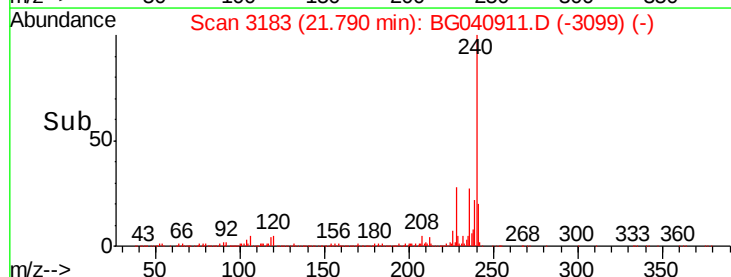
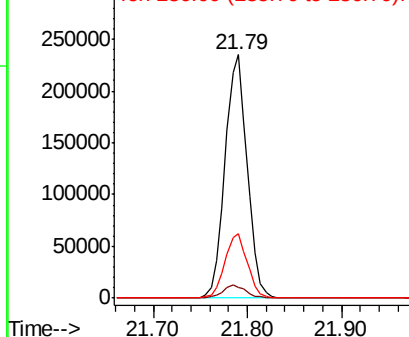


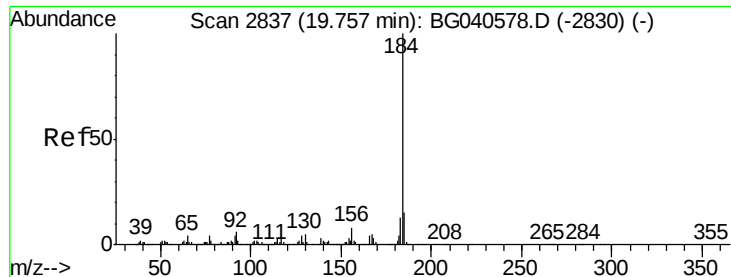
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.964 ng

RT: 19.73 min Scan# 2832

Delta R.T. -0.03 min

Lab File: BG040911.D

Acq: 13 May 2019 15:00

Instrument :

BNA_G

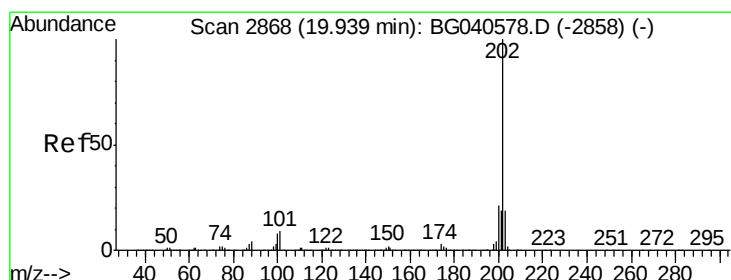
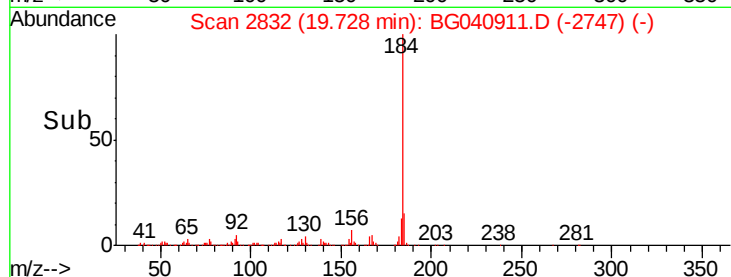
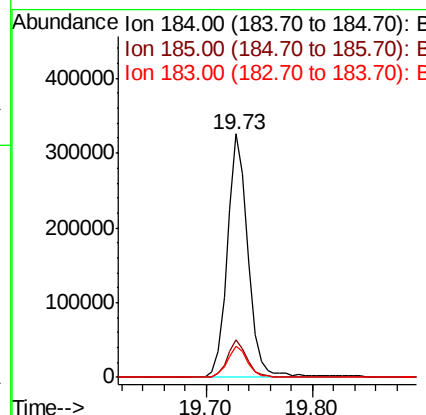
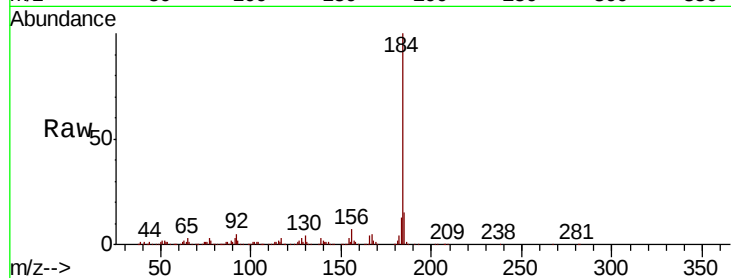
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.4	11.8	17.8
183	13.0	10.2	15.2

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#78

Pyrene

Concen: 47.994 ng

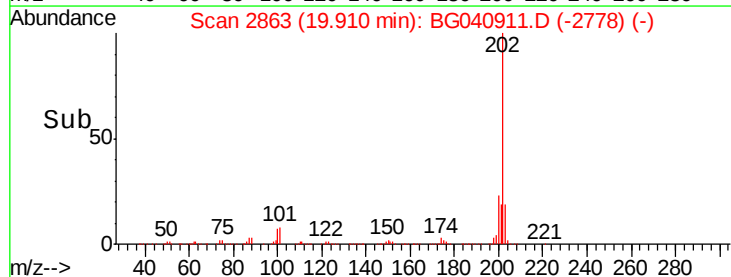
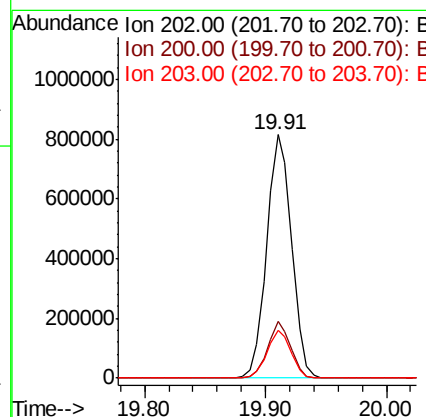
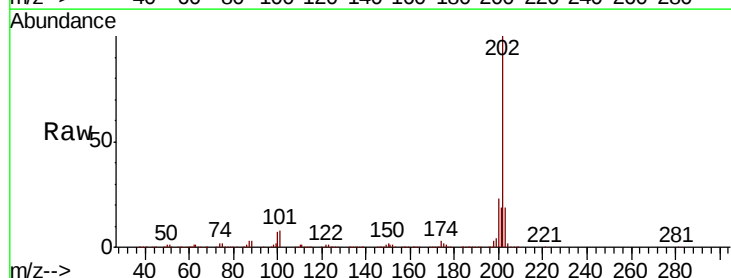
RT: 19.91 min Scan# 2863

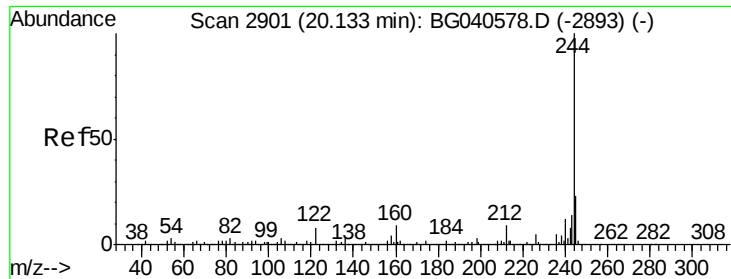
Delta R.T. -0.03 min

Lab File: BG040911.D

Acq: 13 May 2019 15:00

Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.1	17.2	25.8
203	19.4	15.0	22.4





#79

Terphenyl-d14

Concen: 95.784 ng

RT: 20.10 min Scan# 2895

Delta R.T. -0.03 min

Lab File: BG040911.D

Acq: 13 May 2019 15:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 1664166

Ion Ratio Lower Upper

244 100

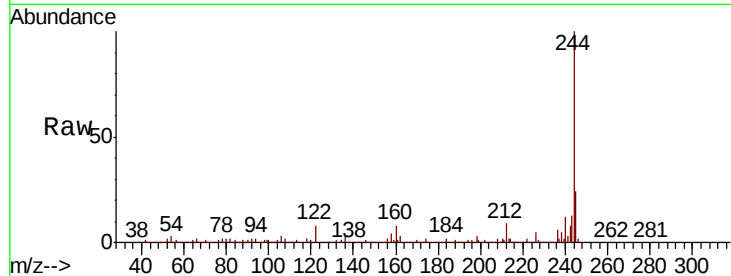
212 9.2 7.2 10.8

122 7.9 6.6 10.0

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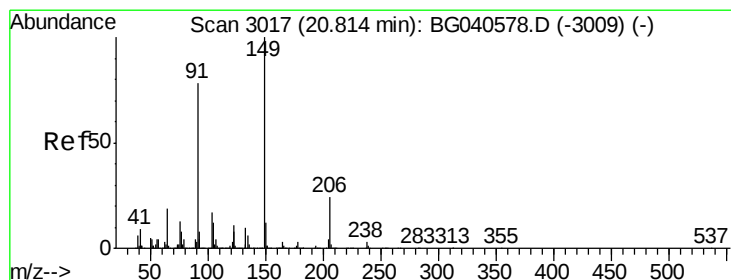
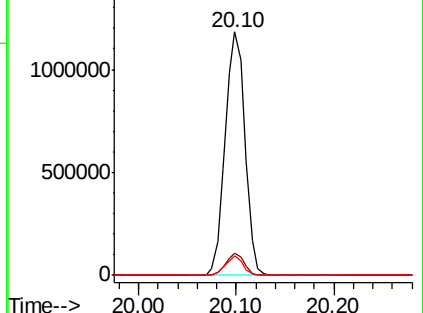
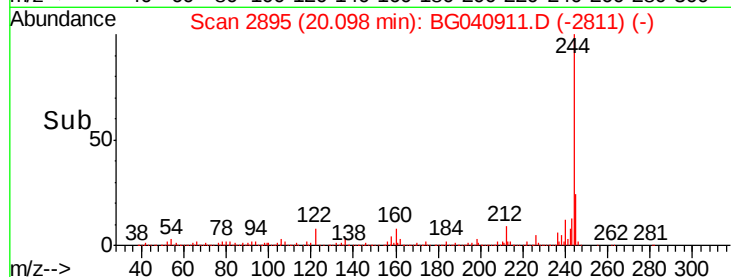
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.416 ng

RT: 20.78 min Scan# 3011

Delta R.T. -0.03 min

Lab File: BG040911.D

Acq: 13 May 2019 15:00

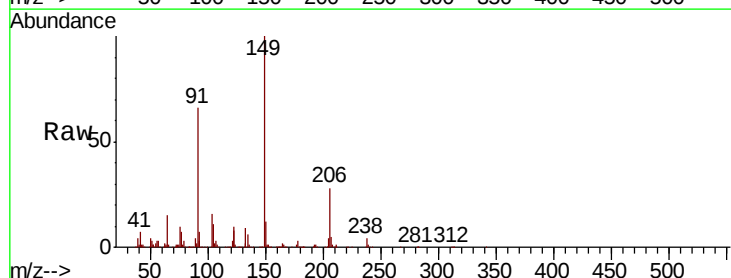
Tgt Ion:149 Resp: 436430

Ion Ratio Lower Upper

149 100

91 66.0 62.6 93.8

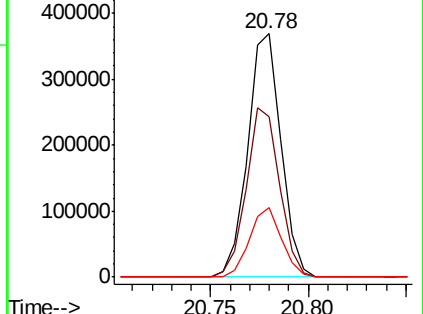
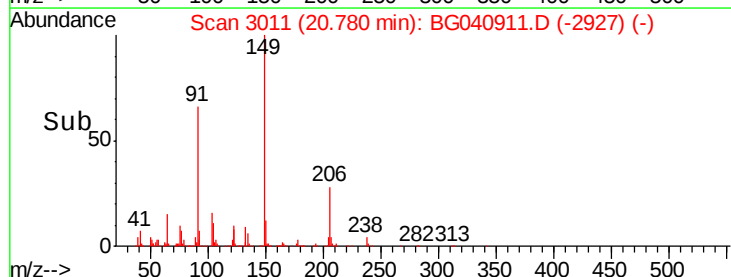
206 28.4 19.4 29.2

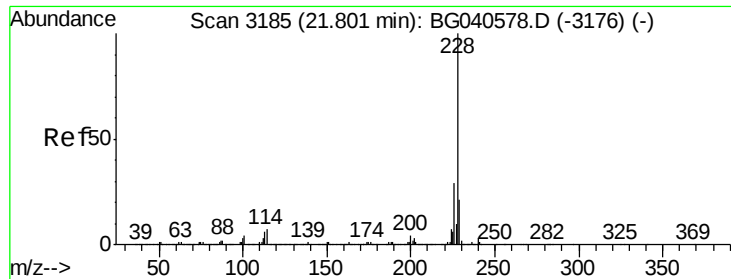


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.061 ng

RT: 21.77 min Scan# 3179

Delta R.T. -0.03 min

Lab File: BG040911.D

Acq: 13 May 2019 15:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1169173

Ion Ratio Lower Upper

228 100

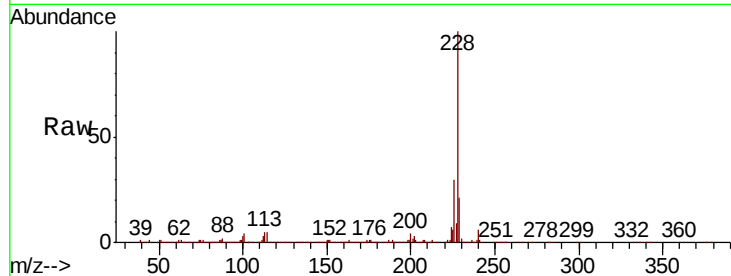
226 29.6 23.1 34.7

229 21.3 17.0 25.4

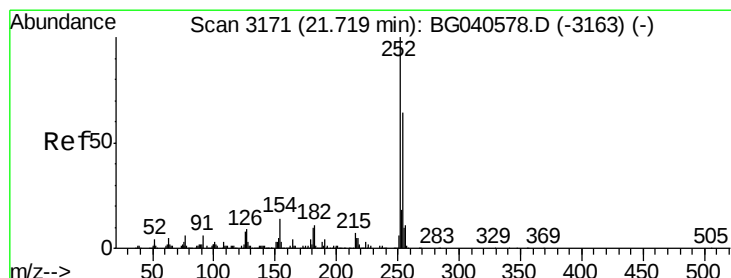
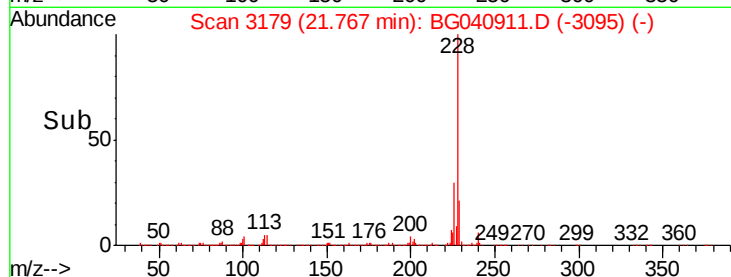
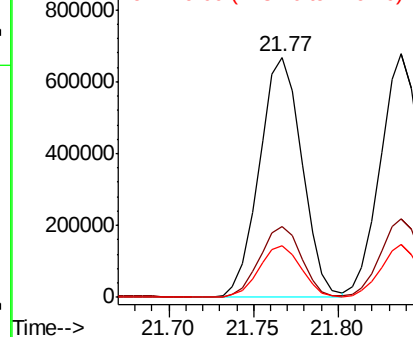
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 50.597 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.04 min

Lab File: BG040911.D

Acq: 13 May 2019 15:00

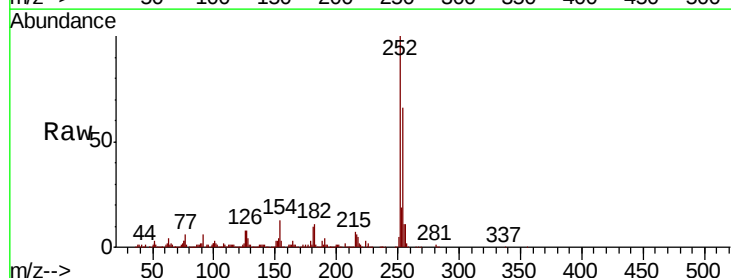
Tgt Ion:252 Resp: 438713

Ion Ratio Lower Upper

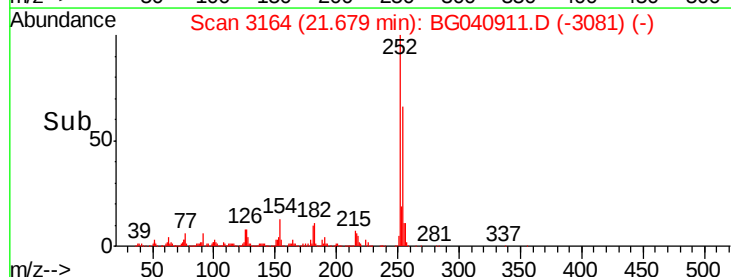
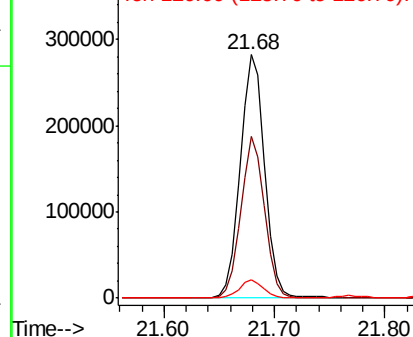
252 100

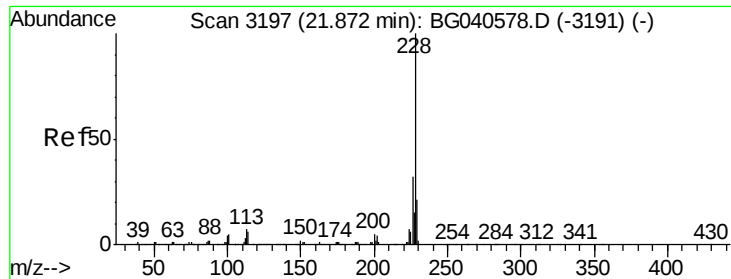
254 66.2 51.2 76.8

126 7.6 6.6 10.0



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





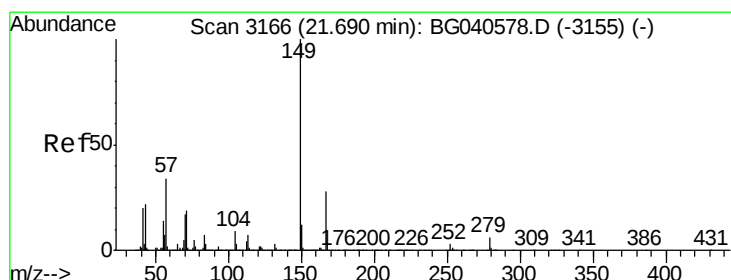
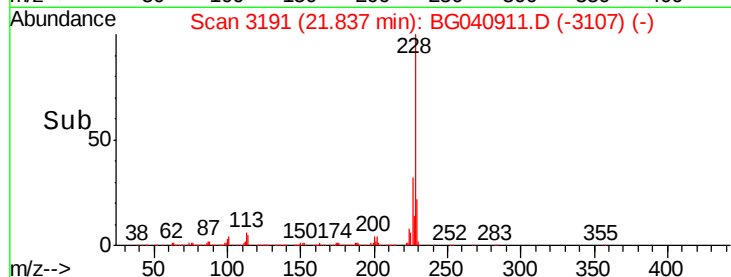
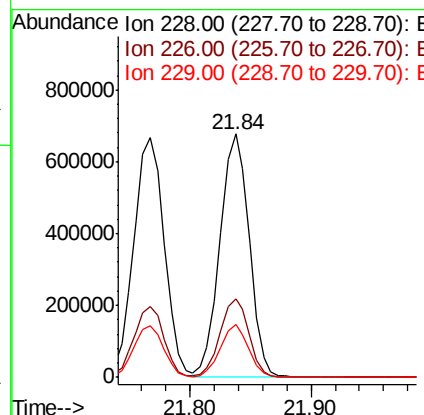
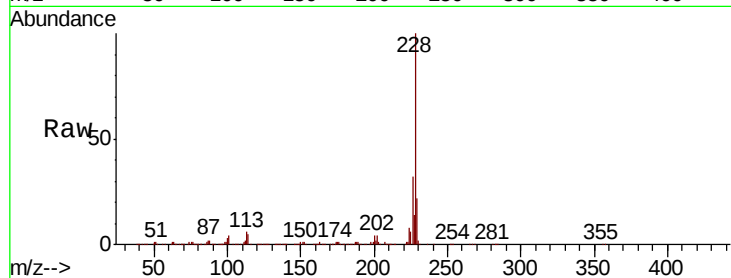
#83
 Chrysene
 Concen: 48.952 ng
 RT: 21.84 min Scan# 3191
 Delta R.T. -0.03 min
 Lab File: BG040911.D
 Acq: 13 May 2019 15:00

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.5	38.3
229	21.7	16.8	25.2

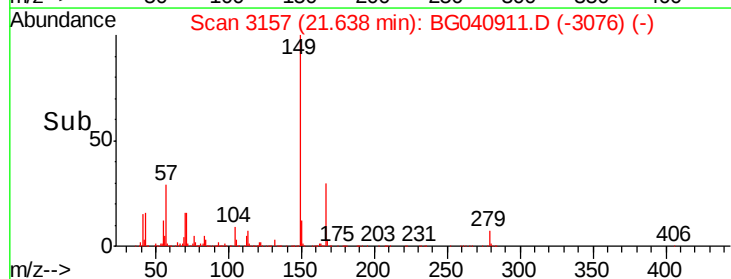
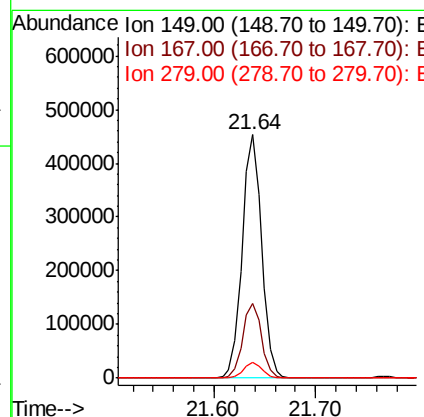
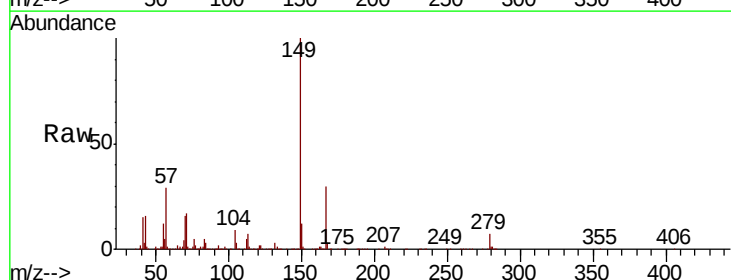
Manual Integrations
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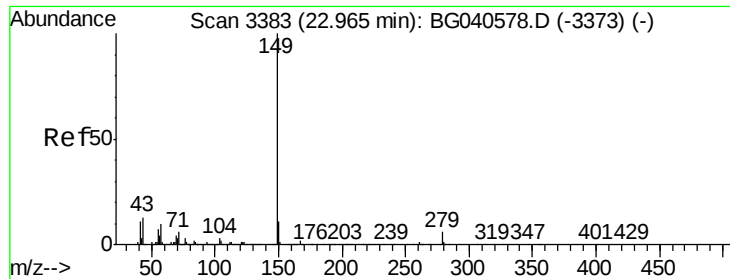
Sohil
 5/14/2019 8:04:35 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.282 ng
 RT: 21.64 min Scan# 3157
 Delta R.T. -0.05 min
 Lab File: BG040911.D
 Acq: 13 May 2019 15:00

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.5	22.4	33.6
279	6.6	4.6	6.8





#85

Di-n-octyl phthalate

Concen: 45.025 ng

RT: 22.88 min Scan# 3369

Delta R.T. -0.08 min

Lab File: BG040911.D

Acq: 13 May 2019 15:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1029190

Ion Ratio Lower Upper

149 100

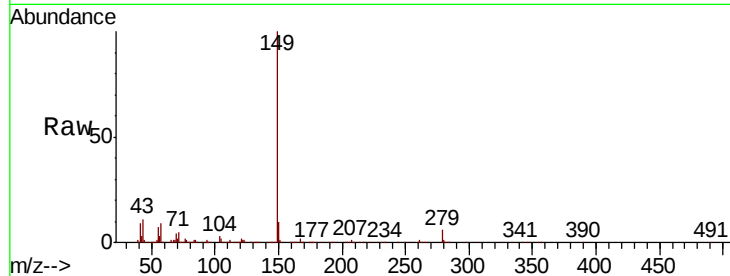
167 1.8 1.4 2.2

43 10.3 10.2 15.2

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

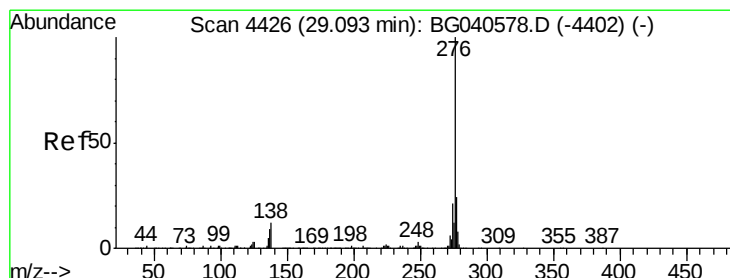
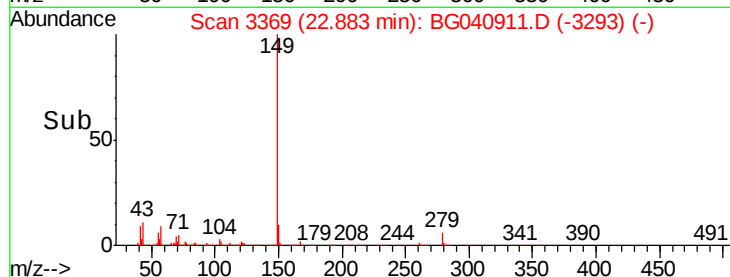
22.88

200000

400000

600000

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 49.721 ng

RT: 28.98 min Scan# 4407

Delta R.T. -0.11 min

Lab File: BG040911.D

Acq: 13 May 2019 15:00

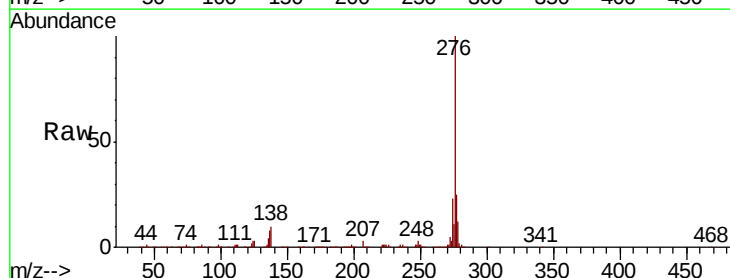
Tgt Ion:276 Resp: 1390778

Ion Ratio Lower Upper

276 100

138 5.5 9.8 14.6#

277 25.9 17.3 25.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

28.98

50000

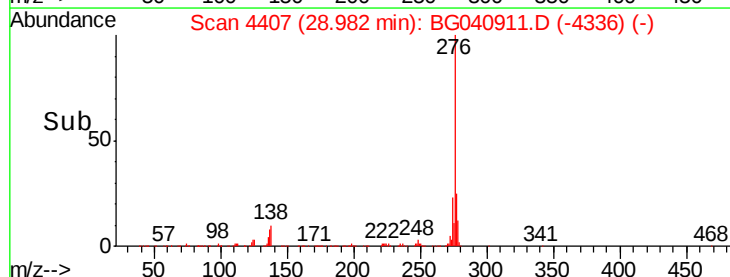
100000

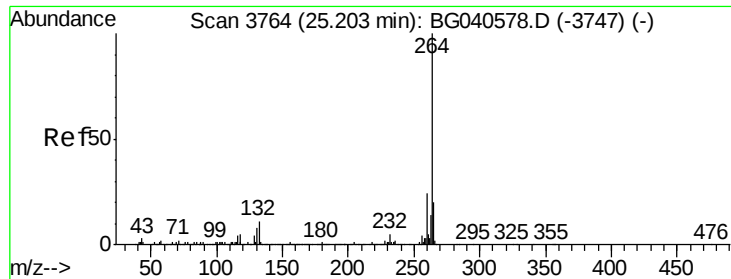
150000

200000

250000

Time-->





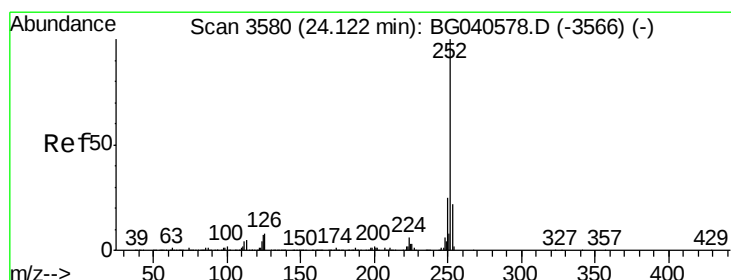
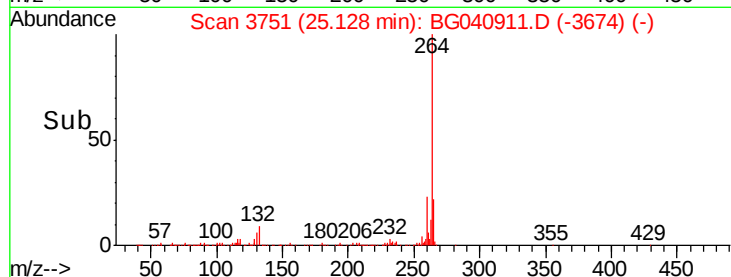
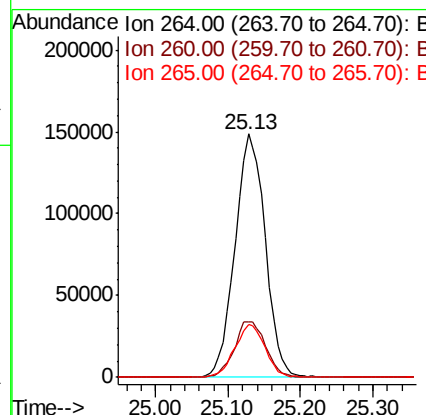
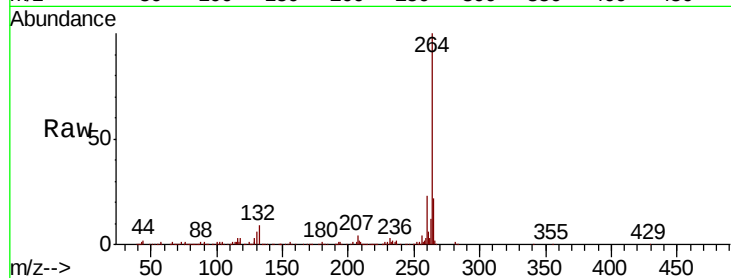
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.13 min Scan# 3751
Delta R.T. -0.08 min
Lab File: BG040911.D
Acq: 13 May 2019 15:00

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.7	16.6	25.0

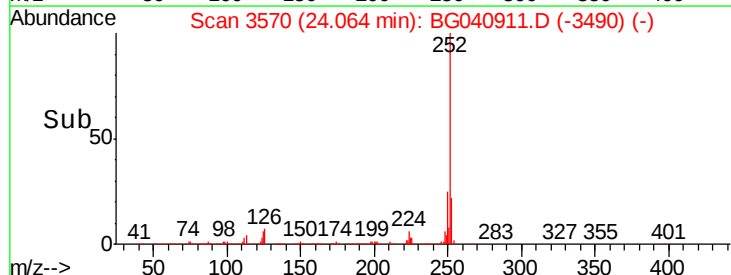
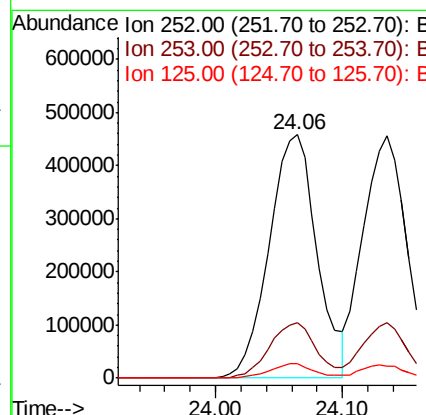
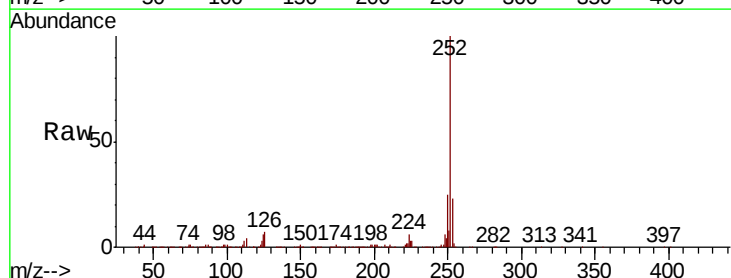
Manual Integrations
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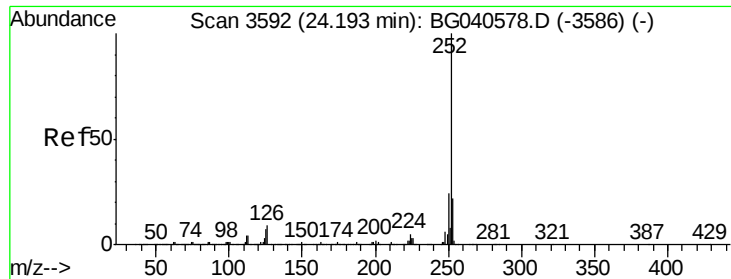
Sohil
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#88
Benzo(b)fluoranthene
Concen: 45.726 ng
RT: 24.06 min Scan# 3570
Delta R.T. -0.06 min
Lab File: BG040911.D
Acq: 13 May 2019 15:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	5.8	5.4	8.0





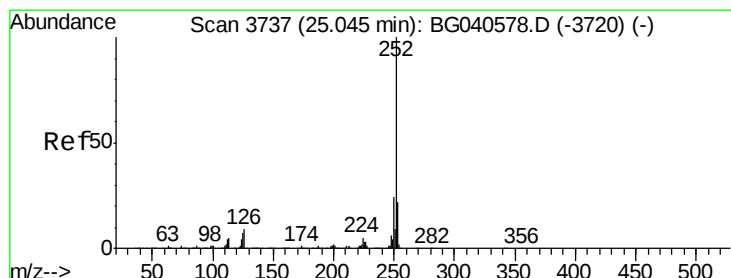
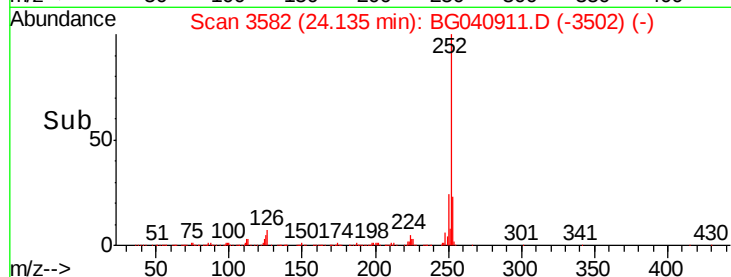
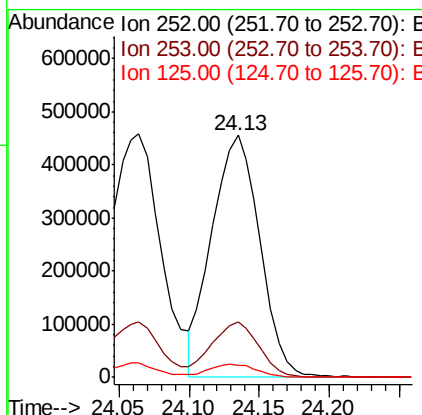
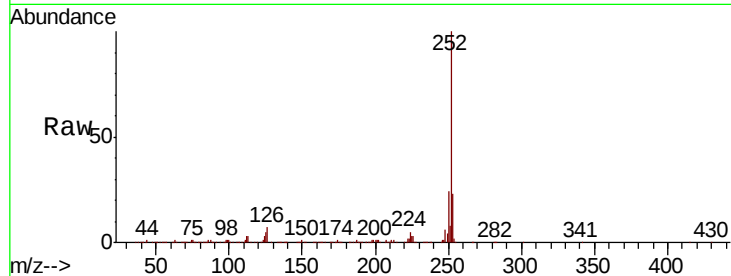
#89
Benzo(k)fluoranthene
Concen: 44.267 ng m
RT: 24.13 min Scan# 3582
Delta R.T. -0.06 min
Lab File: BG040911.D
Acq: 13 May 2019 15:00

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1088330
Ion Ratio Lower Upper
252 100
253 22.8 17.6 26.4
125 4.9 5.5 8.3#

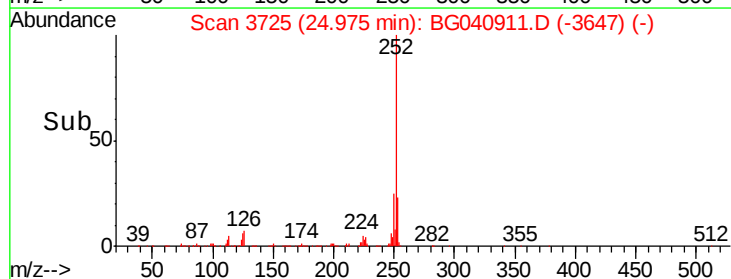
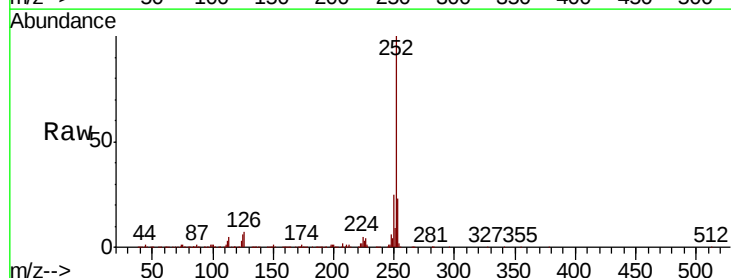
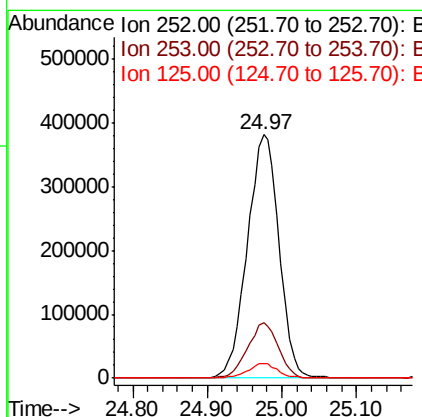
Manual Integrations
APPROVED

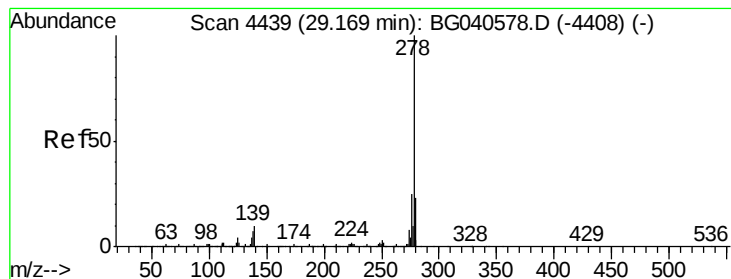
Sohil
5/14/2019 8:04:35 PM



#90
Benzo(a)pyrene
Concen: 45.072 ng
RT: 24.97 min Scan# 3725
Delta R.T. -0.07 min
Lab File: BG040911.D
Acq: 13 May 2019 15:00

Tgt Ion:252 Resp: 1123176
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 6.0 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 45.051 ng

RT: 29.05 min Scan# 4419

Delta R.T. -0.12 min

Lab File: BG040911.D

Acq: 13 May 2019 15:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:278 Resp: 1136088

Ion Ratio Lower Upper

278 100

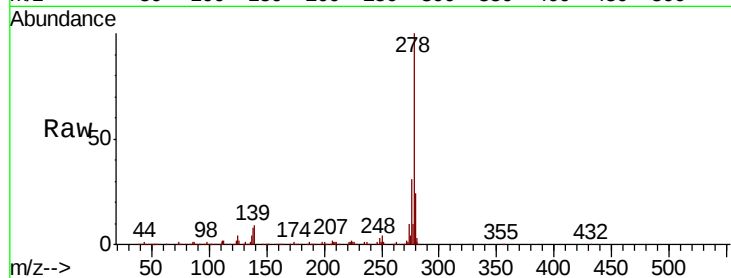
139 8.7 8.2 12.4

279 24.4 18.5 27.7

Manual Integrations
APPROVED

Sohil

5/14/2019 8:04:35 PM

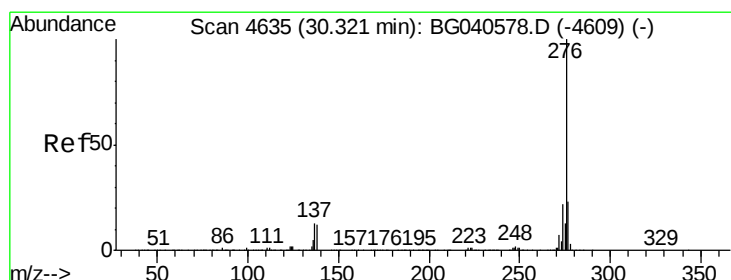
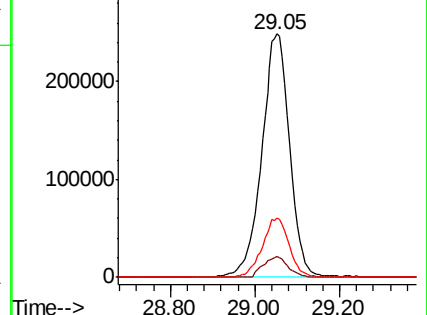
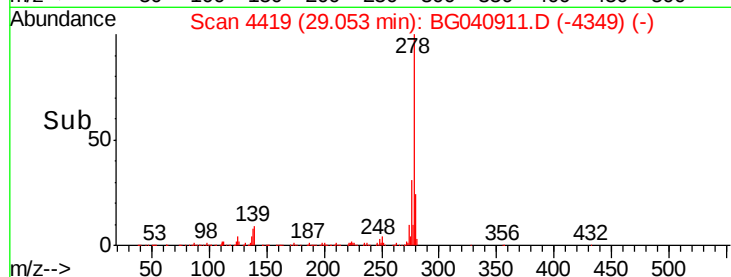


Abundance

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: 44.625 ng

RT: 30.20 min Scan# 4614

Delta R.T. -0.12 min

Lab File: BG040911.D

Acq: 13 May 2019 15:00

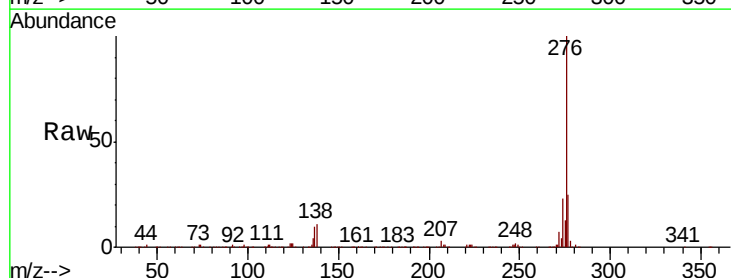
Tgt Ion:276 Resp: 1119986

Ion Ratio Lower Upper

276 100

277 24.7 18.4 27.6

138 10.9 9.8 14.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

