

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051319\
 Data File : BG040925.D
 Acq On : 13 May 2019 23:50
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
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Sohil
 5/14/2019 8:04:45 PM

Quant Time: May 14 03:23:49 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	55307	20.00	ng	-0.03
21) Naphthalene-d8	10.95	136	242677	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	180649	20.00	ng	-0.03
64) Phenanthrene-d10	17.50	188	435267	20.00	ng	-0.03
76) Chrysene-d12	21.79	240	424192	20.00	ng	-0.04
87) Perylene-d12	25.13	264	467806	20.00	ng	-0.07

System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	268989	85.73	ng	-0.03
7) Phenol-d6	7.27	99	429121	88.83	ng	-0.02
23) Nitrobenzene-d5	9.31	82	468651	89.23	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	236622	95.29	ng	-0.03
45) 2-Fluorobiphenyl	13.38	172	1087478	86.94	ng	-0.03
79) Terphenyl-d14	20.10	244	1727716	90.23	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.52	88	51824	36.320	ng	89
3) Pyridine	3.94	79	159061	38.459	ng	90
4) n-Nitrosodimethylamine	3.86	42	82661	36.033	ng	# 90
6) Aniline	7.45	93	251649	39.301	ng	97
8) 2-Chlorophenol	7.68	128	166145	43.368	ng	97
9) Benzaldehyde	7.27	77	119480	41.731	ng	92
10) Phenol	7.30	94	228537	44.009	ng	97
11) bis(2-Chloroethyl)ether	7.54	93	160700	41.267	ng	95
12) 1,3-Dichlorobenzene	8.01	146	179809	43.001	ng	96
13) 1,4-Dichlorobenzene	8.17	146	182262	42.997	ng	97
14) 1,2-Dichlorobenzene	8.48	146	174196	42.612	ng	95
15) Benzyl Alcohol	8.37	79	191806	38.158	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.65	45	247100	31.872	ng	91
17) 2-Methylphenol	8.56	107	162487	44.214	ng	96
18) Hexachloroethane	9.22	117	70163	40.350	ng	93
19) n-Nitroso-di-n-propylamine	8.94	70	161446	37.126	ng	90
20) 3+4-Methylphenols	8.89	107	228416	44.617	ng	98
22) Acetophenone	8.96	105	284467	42.154	ng	# 93
24) Nitrobenzene	9.35	77	239691	42.774	ng	91
25) Isophorone	9.86	82	453284	38.746	ng	99
26) 2-Nitrophenol	10.06	139	108929	54.230	ng	98
27) 2,4-Dimethylphenol	10.10	122	165419	43.892	ng	98
28) bis(2-Chloroethoxy)methane	10.35	93	240816	41.028	ng	99
29) 2,4-Dichlorophenol	10.59	162	209316	48.853	ng	93
30) 1,2,4-Trichlorobenzene	10.81	180	229939	48.394	ng	99
31) Naphthalene	11.00	128	559757	43.417	ng	99
32) Benzoic acid	10.25	122	130836	50.711	ng	96
33) 4-Chloroaniline	11.11	127	239839	41.957	ng	93
34) Hexachlorobutadiene	11.27	225	173809	49.549	ng	97
35) Caprolactam	11.91	113	69061	40.826	ng	# 85
36) 4-Chloro-3-methylphenol	12.21	107	246295	45.567	ng	99
37) 2-Methylnaphthalene	12.60	142	427904	44.390	ng	98
38) 1-Methylnaphthalene	12.81	142	413096	43.843	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	319666	47.501	ng	97

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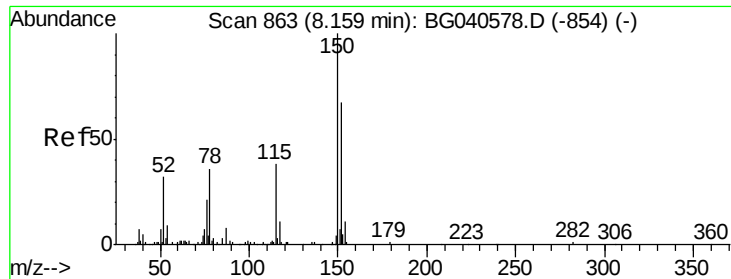
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 5/14/2019 8:04:45 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	131977	33.235	nq	96
43) 2,4,6-Trichlorophenol	13.20	196	197805	48.639	nq	97
44) 2,4,5-Trichlorophenol	13.27	196	214125	48.334	nq	97
46) 1,1'-Biphenyl	13.60	154	591421	42.167	nq	95
47) 2-Chloronaphthalene	13.64	162	476173	43.381	nq	97
48) 2-Nitroaniline	13.85	65	173611	44.434	nq	92
49) Acenaphthylene	14.49	152	762006	40.918	nq	98
50) Dimethylphthalate	14.21	163	639530	42.312	nq	99
51) 2,6-Dinitrotoluene	14.34	165	145203	49.223	nq	86
52) Acenaphthene	14.82	154	444153	40.954	nq	95
53) 3-Nitroaniline	14.67	138	133312	44.106	nq #	90
54) 2,4-Dinitrophenol	14.87	184	52797	35.967	nq	91
55) Dibenzofuran	15.16	168	765032	43.067	nq	99
56) 4-Nitrophenol	14.96	139	104403	39.836	nq #	85
57) 2,4-Dinitrotoluene	15.12	165	202730	50.576	nq #	85
58) Fluorene	15.80	166	595628	41.485	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.38	232	204741	45.916	nq	94
60) Diethylphthalate	15.56	149	644309	40.403	nq	98
61) 4-Chlorophenyl-phenylether	15.79	204	380665	45.586	nq	94
62) 4-Nitroaniline	15.83	138	140076	41.430	nq	93
63) Azobenzene	16.09	77	603752	36.762	nq	95
65) 4,6-Dinitro-2-methylphenol	15.87	198	99805	46.753	nq	87
66) n-Nitrosodiphenylamine	16.01	169	534011	41.700	nq	98
67) 4-Bromophenyl-phenylether	16.69	248	257353	47.458	nq	92
68) Hexachlorobenzene	16.80	284	262010	46.727	nq	95
69) Atrazine	16.94	200	175314	34.553	nq	98
70) Pentachlorophenol	17.14	266	147370	44.914	nq	98
71) Phenanthrene	17.55	178	983292	41.941	nq	99
72) Anthracene	17.64	178	970733	41.193	nq	98
73) Carbazole	17.91	167	846705	39.436	nq	99
74) Di-n-butylphthalate	18.44	149	1020224	39.369	nq	99
75) Fluoranthene	19.55	202	1211921	41.482	nq	99
77) Benzidine	19.73	184	395586	34.059	nq	99
78) Pyrene	19.91	202	1216517	45.757	nq	98
80) Butylbenzylphthalate	20.78	149	461505	44.538	nq	93
81) Benzo(a)anthracene	21.77	228	1244393	46.417	nq	100
82) 3,3'-Dichlorobenzidine	21.68	252	435431	45.569	nq	98
83) Chrysene	21.83	228	1180788	46.312	nq	98
84) Bis(2-ethylhexyl)phthalate	21.63	149	643667	43.032	nq	95
85) Di-n-octyl phthalate	22.88	149	1095869	43.502	nq	96
86) Indeno(1,2,3-cd)pyrene	28.97	276	1459623	47.350	nq #	91
88) Benzo(b)fluoranthene	24.06	252	1234488m	43.184	nq	
89) Benzo(k)fluoranthene	24.13	252	1131884	42.397	nq	97
90) Benzo(a)pyrene	24.98	252	1160314	42.879	nq #	99
91) Dibenzo(a,h)anthracene	29.05	278	1166074	42.583	nq	98
92) Benzo(g,h,i)perylene	30.19	276	1181998	43.371	nq	97

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



#1

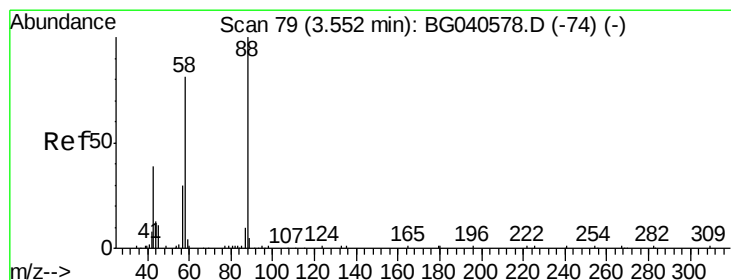
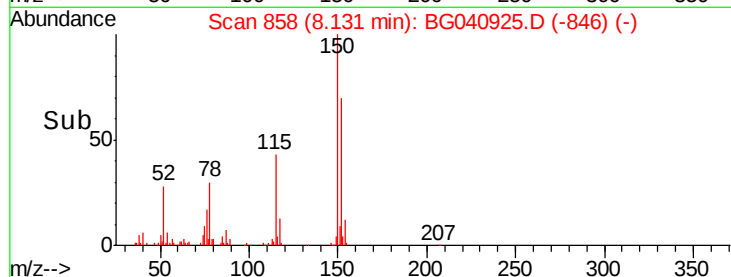
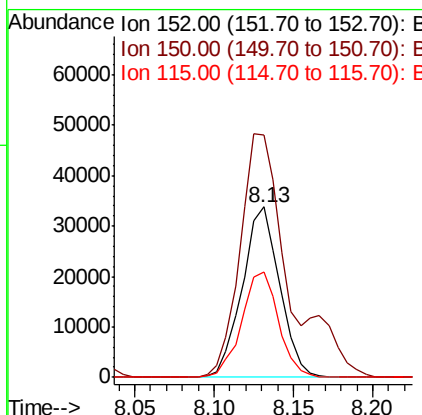
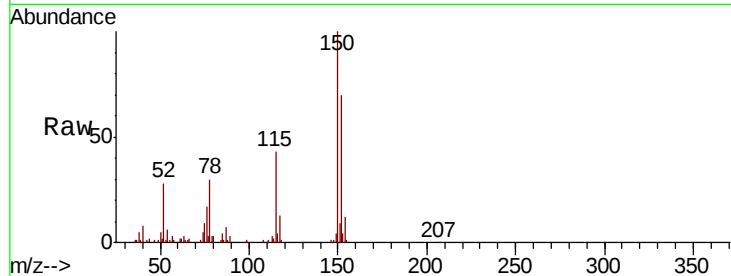
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 858
Delta R.T. -0.03 min
Lab File: BG040925.D
Acq: 13 May 2019 23:50

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	142.5	120.2	180.2
115	61.7	46.2	69.2

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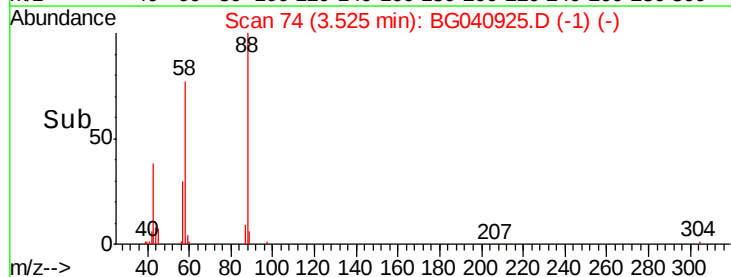
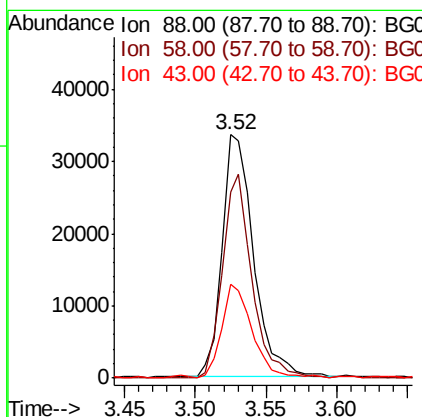
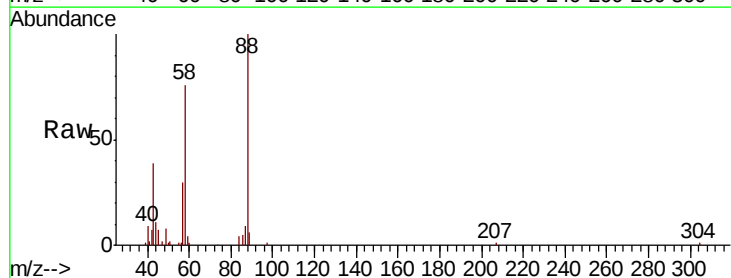
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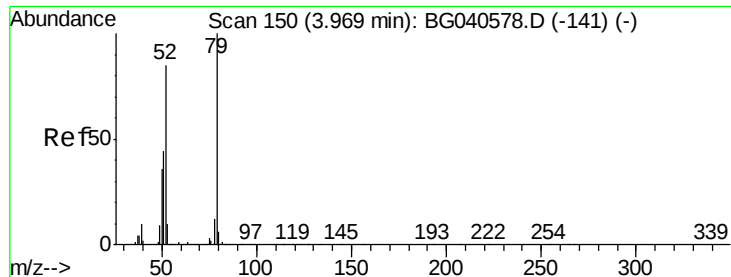


#2

1,4-Dioxane
Concen: 36.320 ng
RT: 3.52 min Scan# 74
Delta R.T. -0.03 min
Lab File: BG040925.D
Acq: 13 May 2019 23:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.8	71.2	106.8
43	37.8	35.6	53.4





#3

Pvridine

Concen: 38.459 ng

RT: 3.94 min Scan# 144

Delta R.T. -0.03 min

Lab File: BG040925.D

Acq: 13 May 2019 23:50

Instrument :

BNA_G

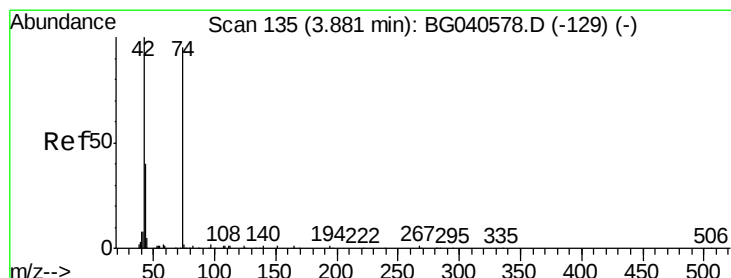
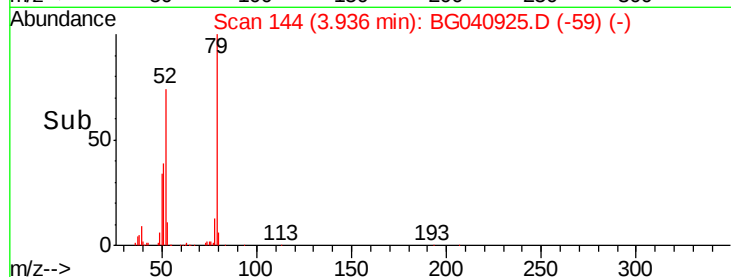
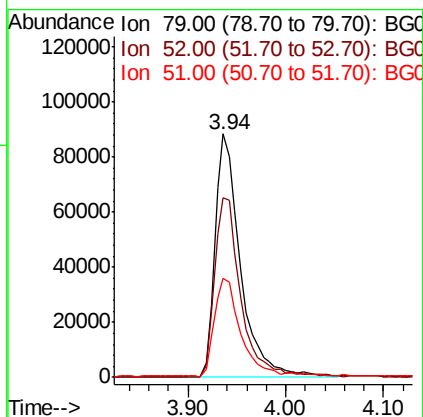
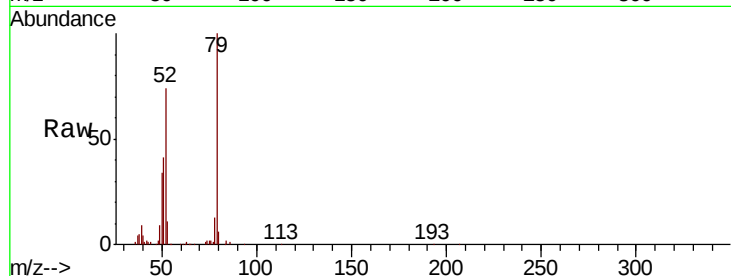
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	159061
Ion Ratio	Lower	Upper	
79	100		
52	73.9	67.5	101.3
51	40.7	35.6	53.4

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#4

n-Nitrosodimethylamine

Concen: 36.033 ng

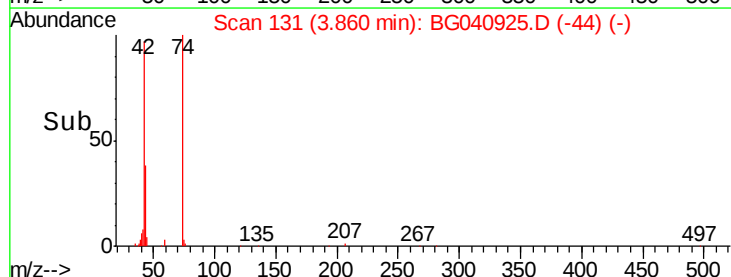
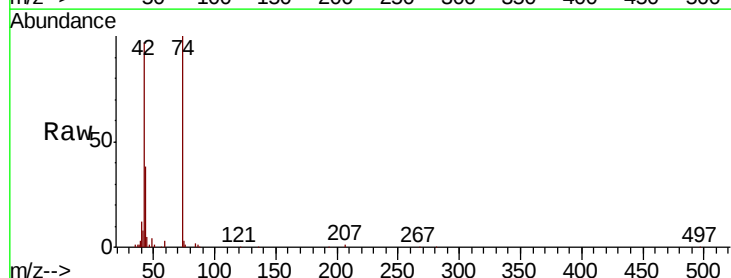
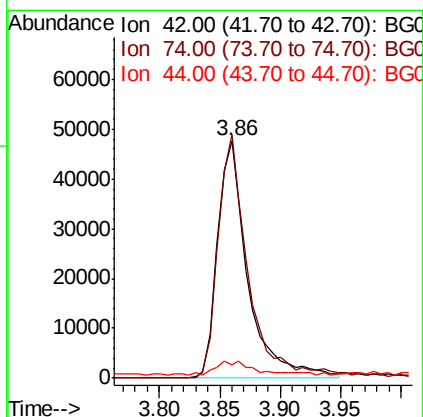
RT: 3.86 min Scan# 131

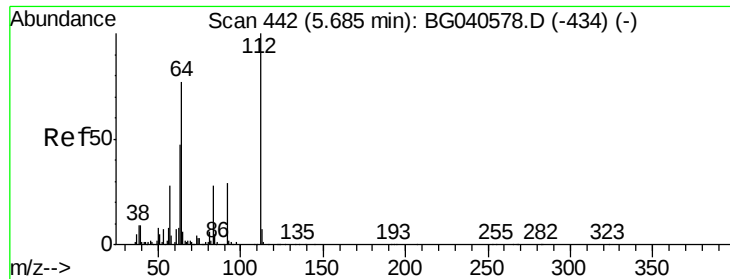
Delta R.T. -0.02 min

Lab File: BG040925.D

Acq: 13 May 2019 23:50

Tgt Ion:	42	Resp:	82661
Ion Ratio	Lower	Upper	
42	100		
74	102.6	74.6	111.8
44	5.6	7.4	11.0#





#5

2-Fluorophenol

Concen: 85.733 ng

RT: 5.66 min Scan# 437

Delta R.T. -0.03 min

Lab File: BG040925.D

Acq: 13 May 2019 23:50

Instrument :

BNA_G

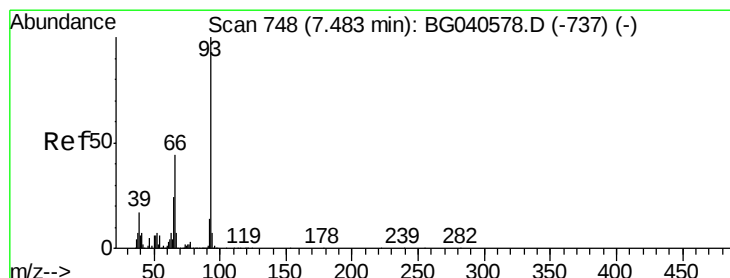
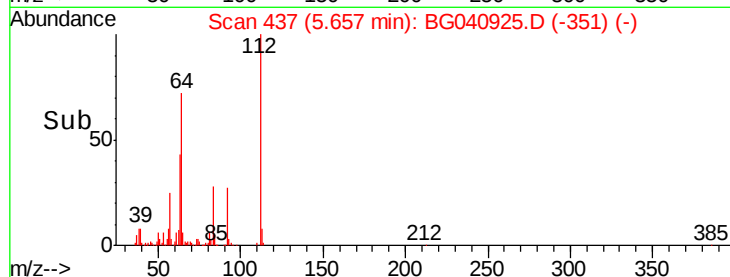
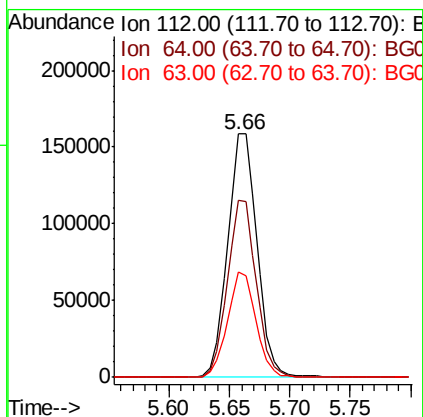
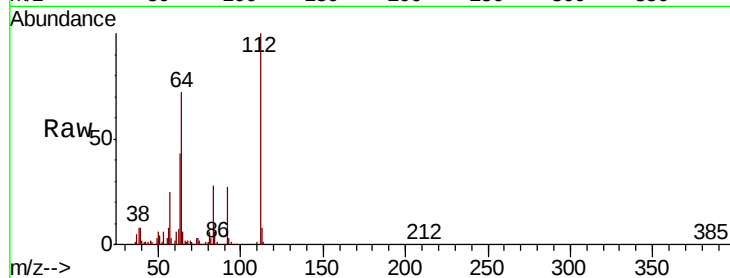
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
112	100	268989		
64	72.5		61.4	92.0
63	43.1		37.8	56.6

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#6

Aniline

Concen: 39.301 ng

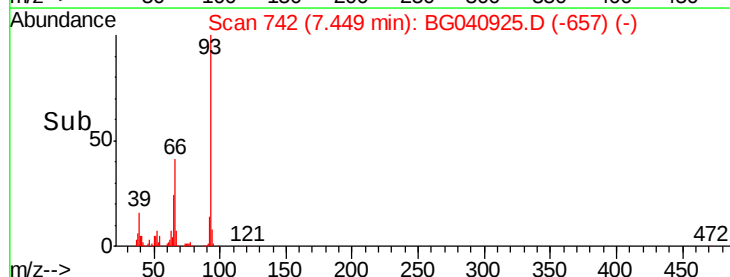
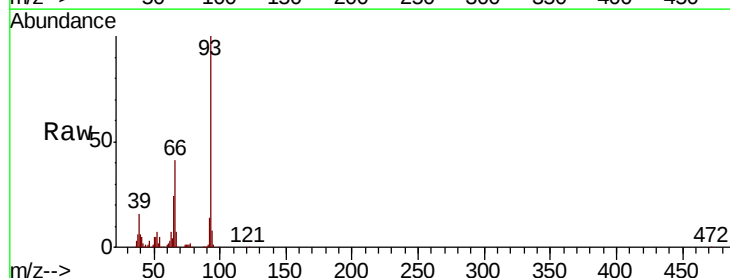
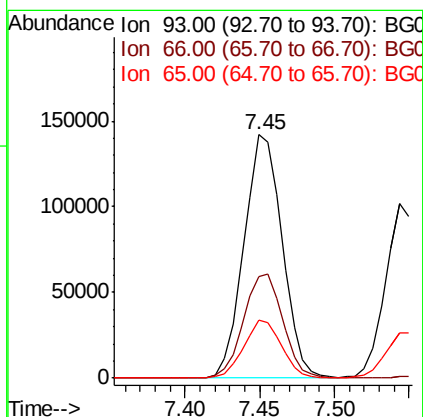
RT: 7.45 min Scan# 742

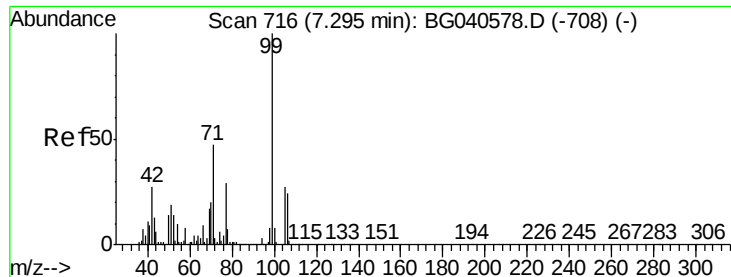
Delta R.T. -0.03 min

Lab File: BG040925.D

Acq: 13 May 2019 23:50

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	251649		
66	41.5		35.5	53.3
65	23.8		19.2	28.8





#7

Phenol-d6

Concen: 88.829 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BG040925.D

Acq: 13 May 2019 23:50

Instrument :

BNA_G

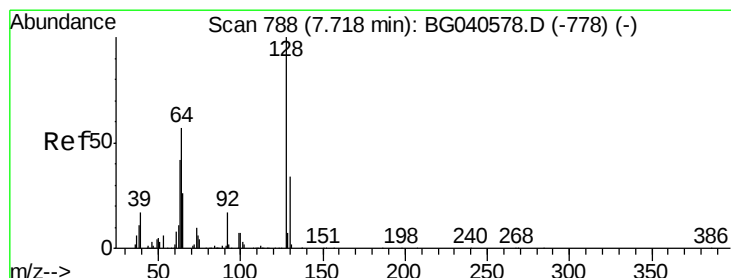
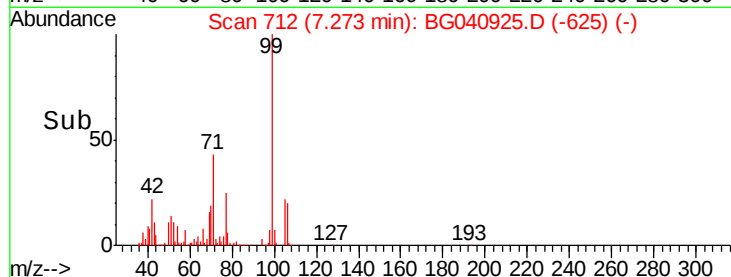
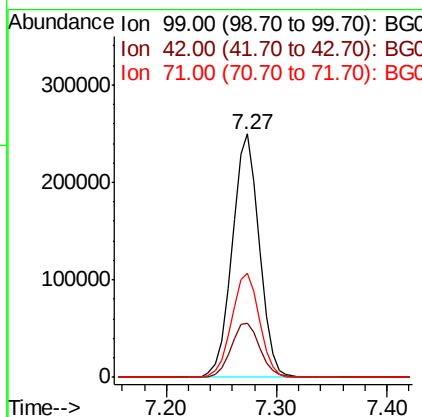
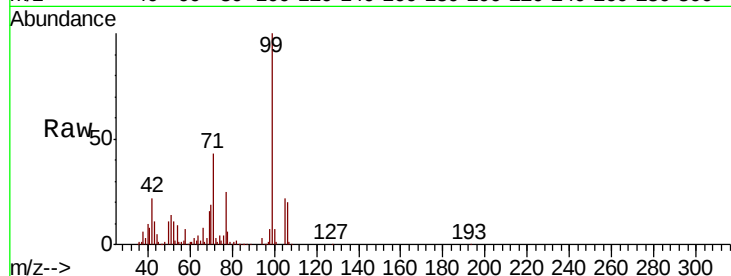
ClientSampleId :

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Tot Ion:	99	Resp:	429121
Ion Ratio	Lower	Upper	
99	100		
42	22.0	21.8	32.8
71	42.9	38.6	57.8

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#8

2-Chlorophenol

Concen: 43.368 ng

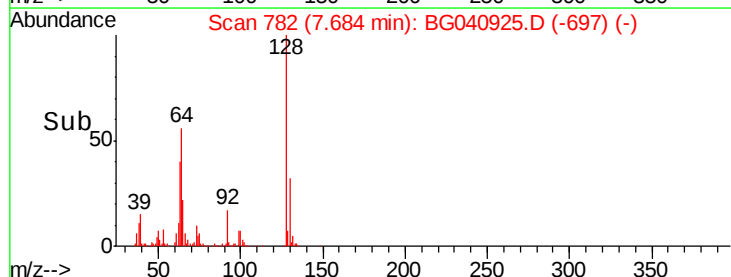
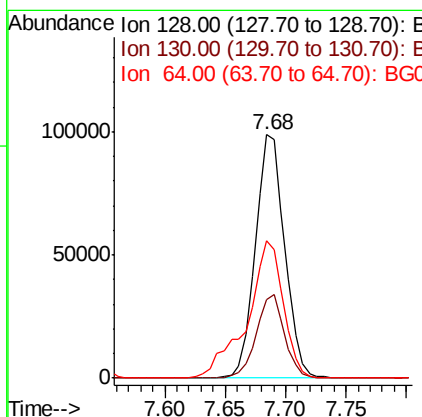
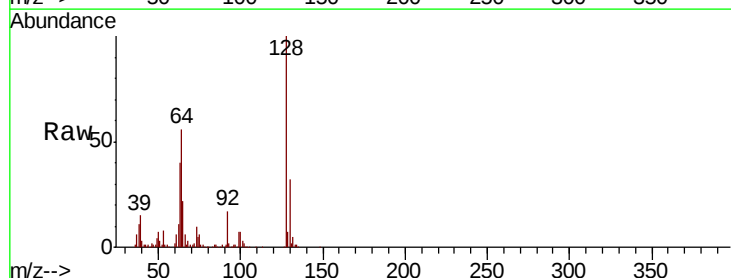
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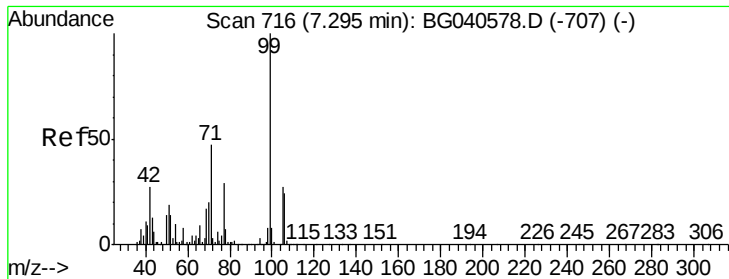
Delta R.T. -0.03 min

Lab File: BG040925.D

Acq: 13 May 2019 23:50

Tgt Ion:	128	Resp:	166145
Ion Ratio	Lower	Upper	
128	100		
130	32.3	14.5	54.5
64	56.5	38.4	78.4





#9

Benzaldehyde

Concen: 41.731 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.03 min

Lab File: BG040925.D

Acq: 13 May 2019 23:50

Instrument :

BNA_G

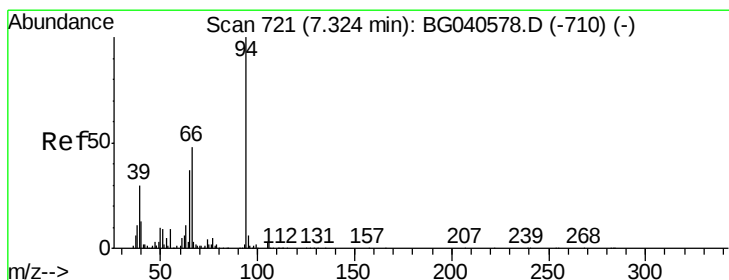
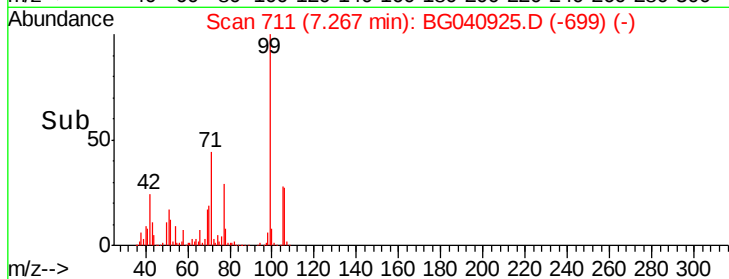
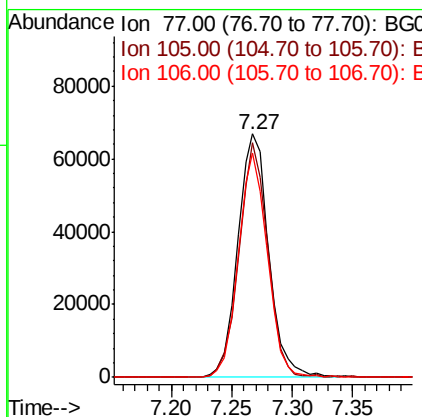
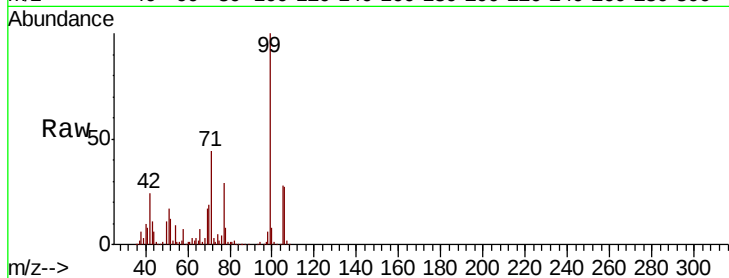
ClientSampleId :

SSTDCCC040EC

Tot Ion:	77	Resp:	119480
Ion	Ratio	Lower	Upper
77	100		
105	96.6	72.0	112.0
106	92.1	61.2	101.2

Manual Integrations
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#10

Phenol

Concen: 44.009 ng

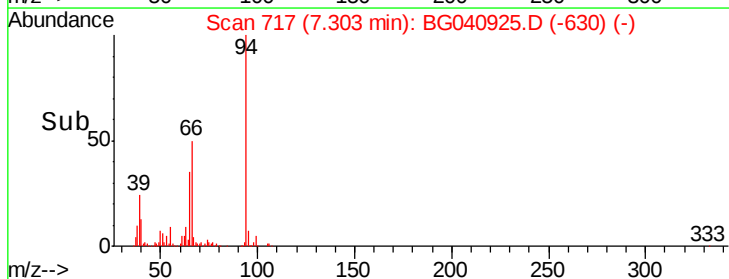
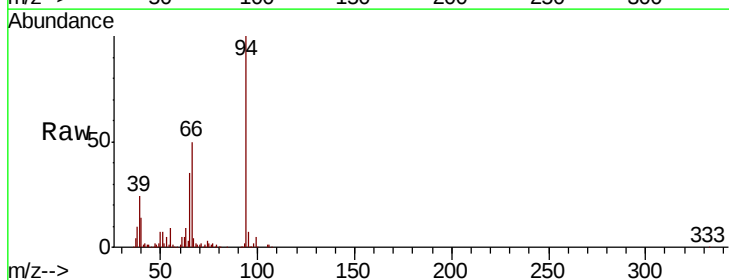
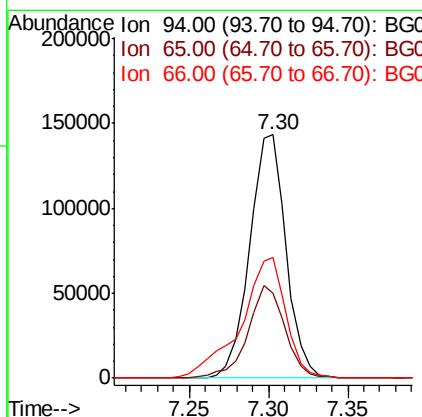
RT: 7.30 min Scan# 717

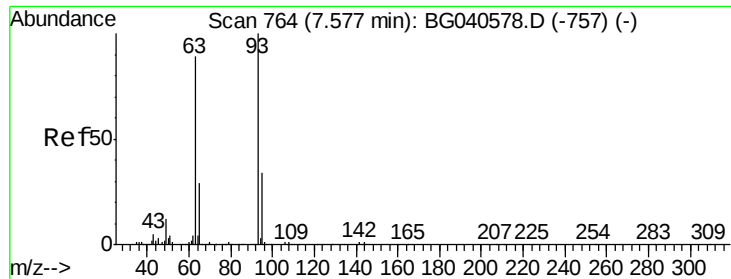
Delta R.T. -0.02 min

Lab File: BG040925.D

Acq: 13 May 2019 23:50

Tgt Ion:	94	Resp:	228537
Ion	Ratio	Lower	Upper
94	100		
65	34.7	17.0	57.0
66	49.8	28.6	68.6





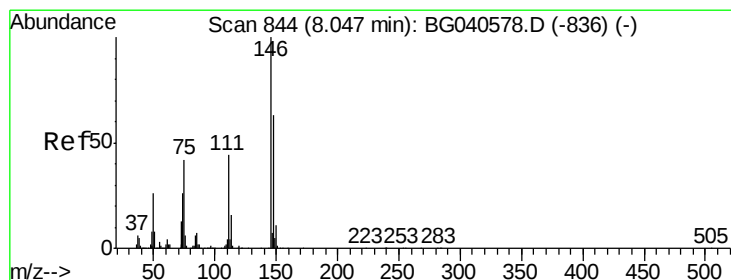
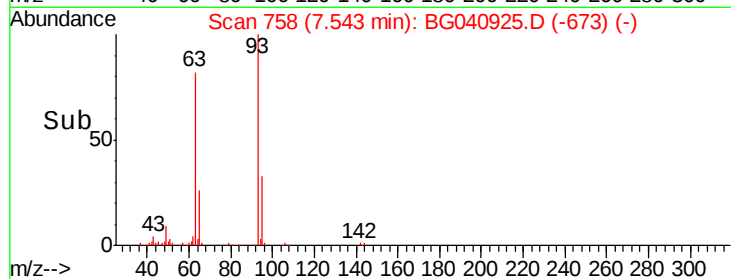
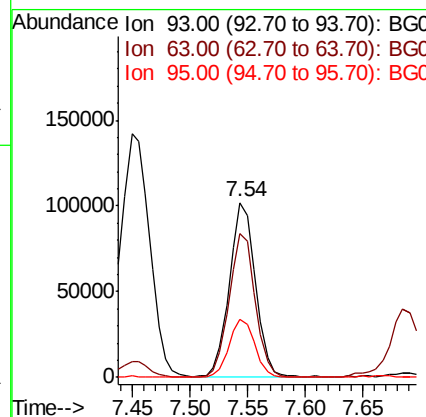
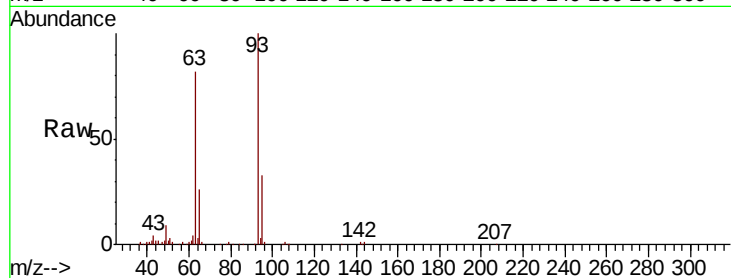
#11
bis(2-Chloroethyl)ether
Concen: 41.267 ng
RT: 7.54 min Scan# 758
Delta R.T. -0.03 min
Lab File: BG040925.D
Acq: 13 May 2019 23:50

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
93	100		
63	82.4	68.2	108.2
95	33.1	14.3	54.3

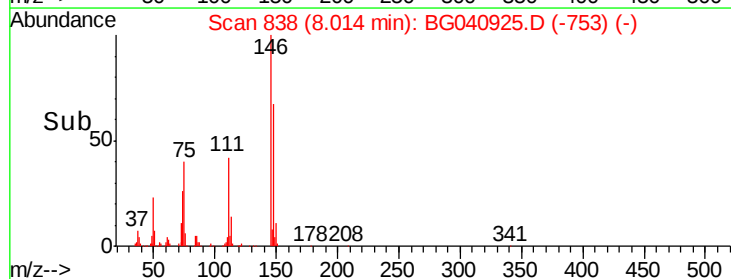
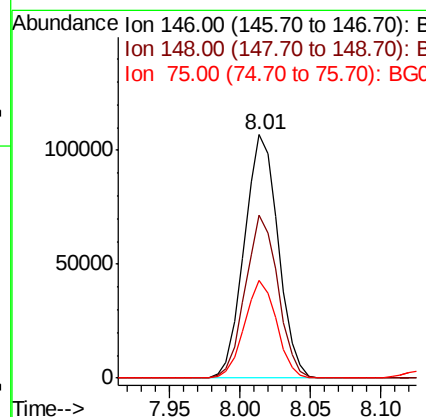
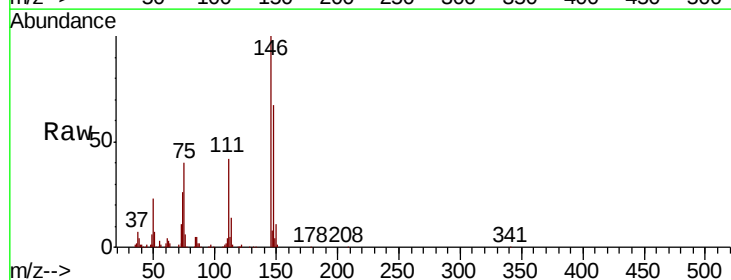
Manual Integrations
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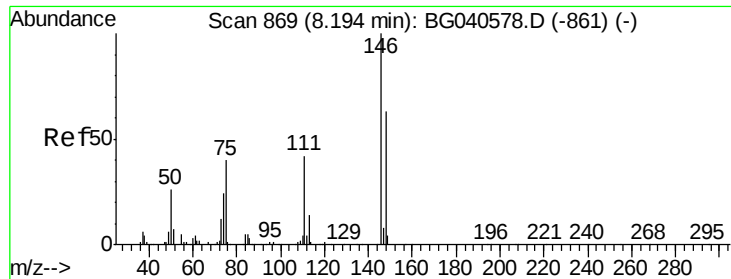
Sohil
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#12
1,3-Dichlorobenzene
Concen: 43.001 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.03 min
Lab File: BG040925.D
Acq: 13 May 2019 23:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.0	50.7	76.1
75	40.0	33.4	50.2





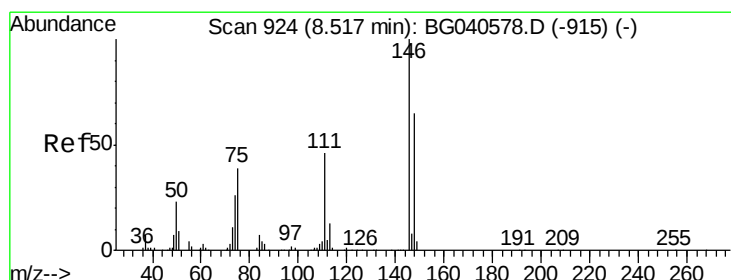
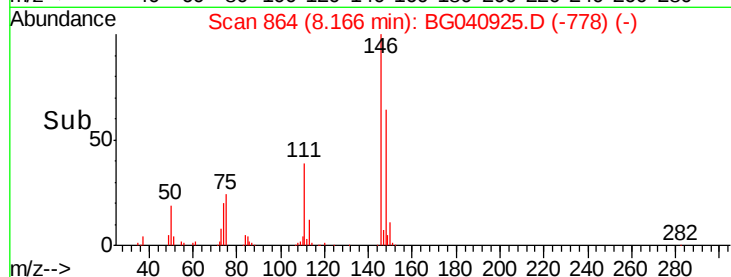
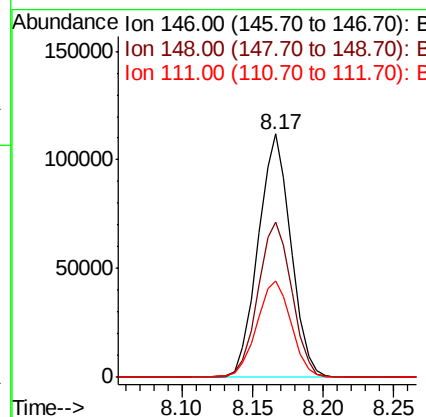
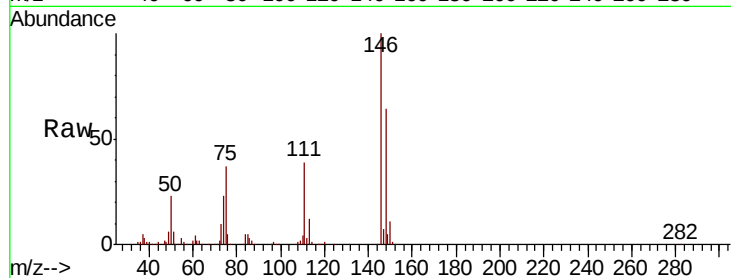
#13
 1,4-Dichlorobenzene
 Concen: 42.997 ng
 RT: 8.17 min Scan# 864
 Delta R.T. -0.03 min
 Lab File: BG040925.D
 Acq: 13 May 2019 23:50

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.6	75.8
111	39.4	34.3	51.5

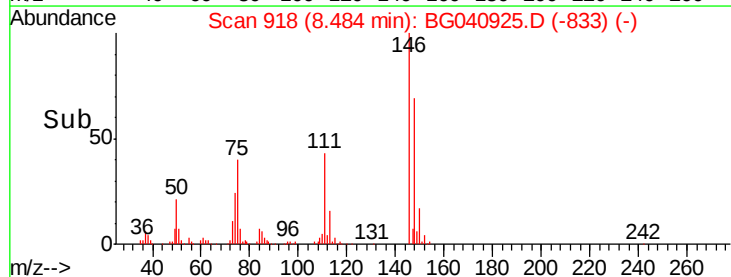
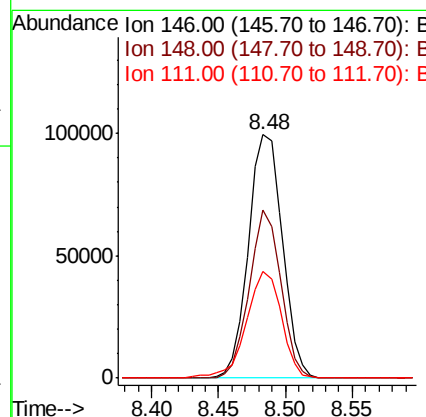
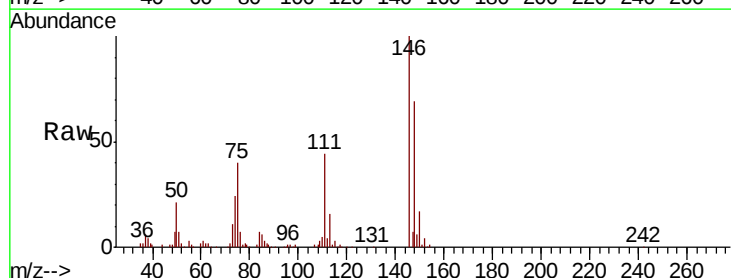
Manual Integrations
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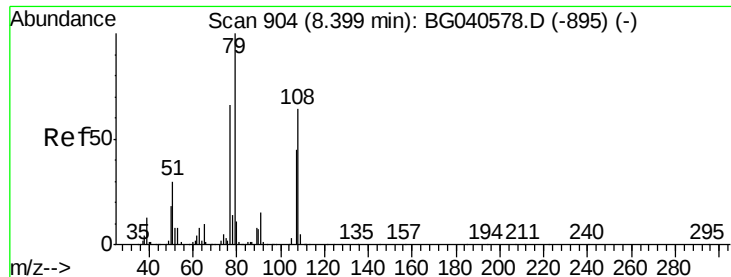
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 42.612 ng
 RT: 8.48 min Scan# 918
 Delta R.T. -0.03 min
 Lab File: BG040925.D
 Acq: 13 May 2019 23:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.1	52.2	78.4
111	43.6	37.4	56.0





#15

Benzyl Alcohol

Concen: 38.158 ng

RT: 8.37 min Scan# 898

Delta R.T. -0.03 min

Lab File: BG040925.D

Acq: 13 May 2019 23:50

Instrument :

BNA_G

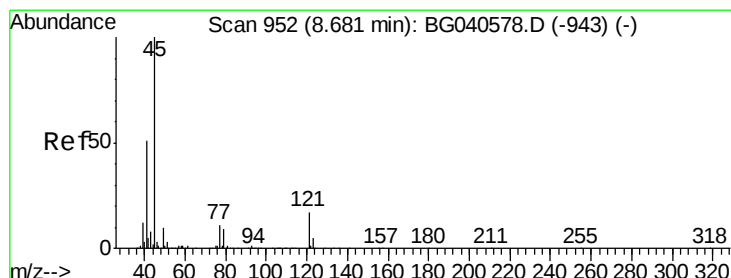
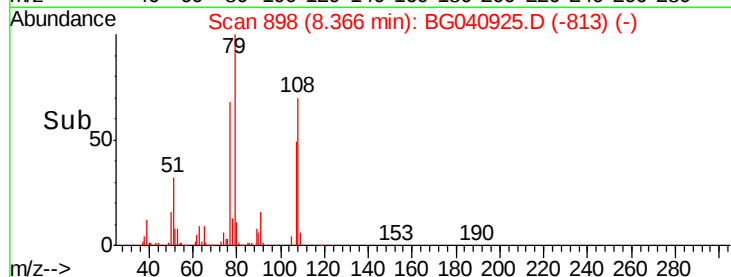
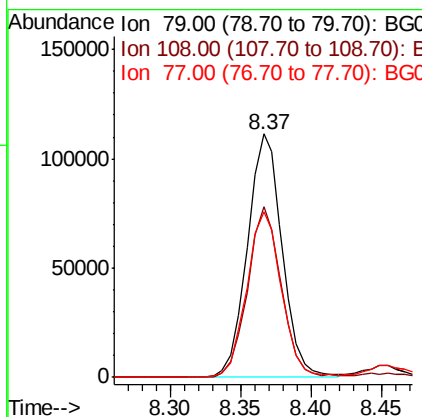
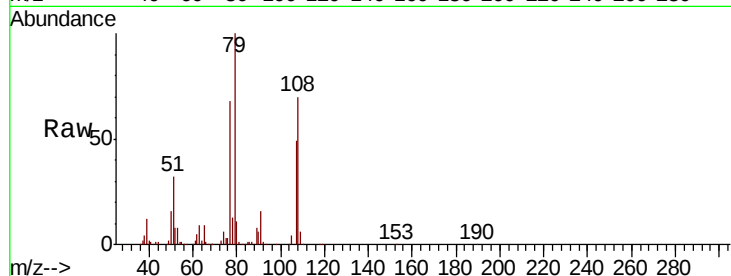
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	191806
Ion Ratio	Lower	Upper	
79	100		
108	69.9	51.4	77.0
77	67.9	52.6	79.0

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 31.872 ng

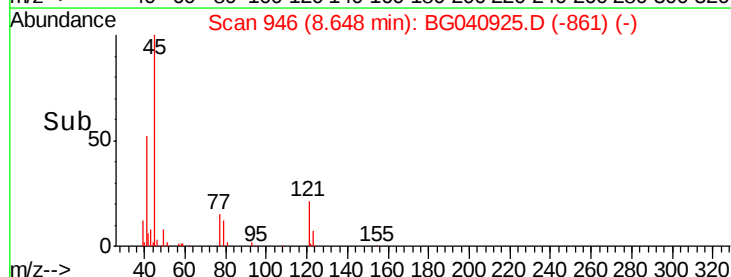
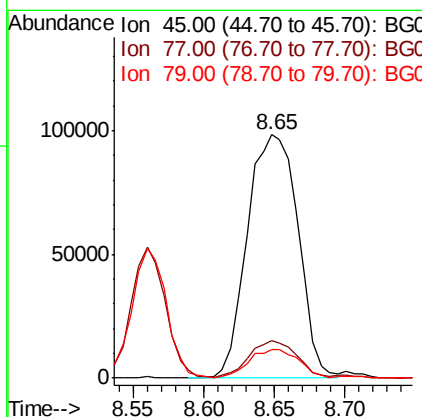
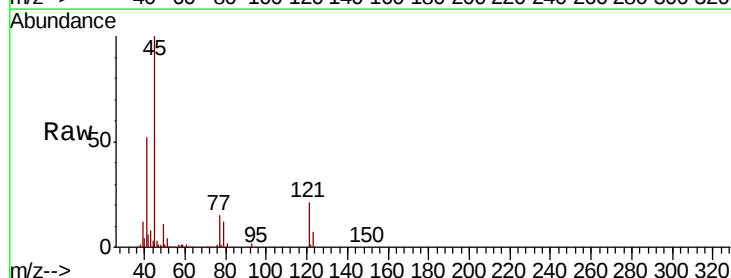
RT: 8.65 min Scan# 946

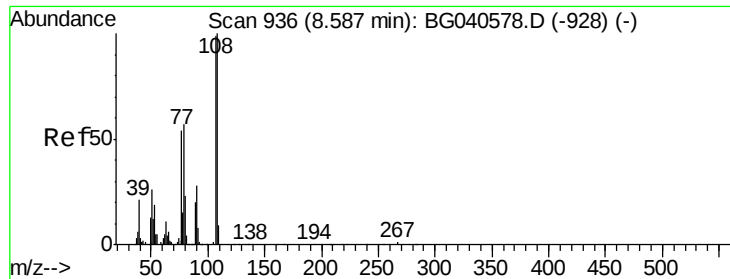
Delta R.T. -0.03 min

Lab File: BG040925.D

Acq: 13 May 2019 23:50

Tgt Ion:	45	Resp:	247100
Ion Ratio	Lower	Upper	
45	100		
77	15.4	0.0	31.5
79	11.9	0.0	29.4





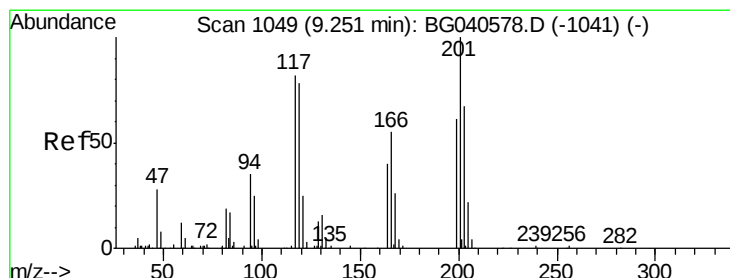
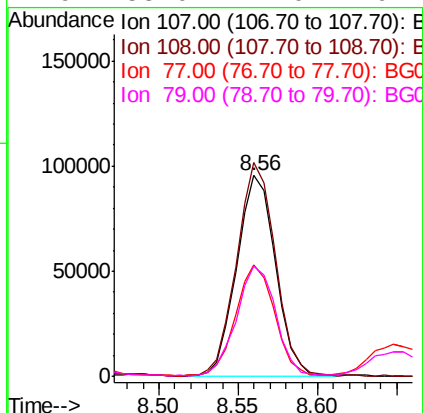
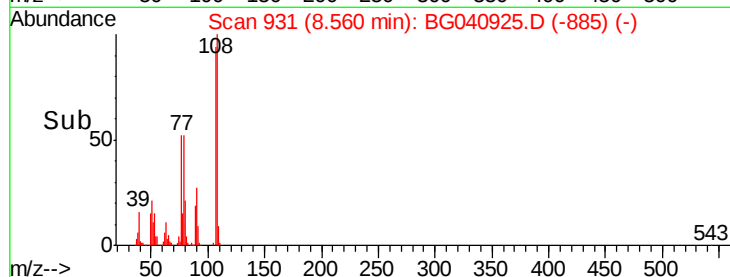
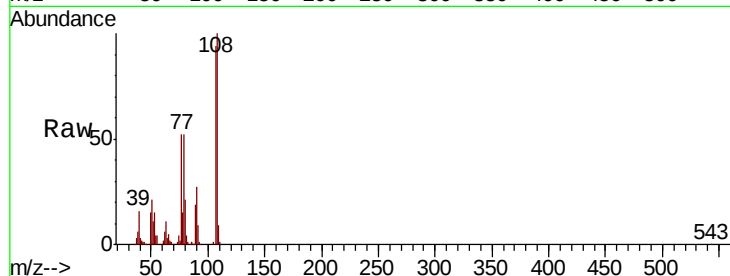
#17
2-Methylphenol
Concen: 44.214 ng
RT: 8.56 min Scan# 931
Delta R.T. -0.03 min
Lab File: BG040925.D
Acq: 13 May 2019 23:50

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
107	100		
108	106.4	81.2	121.8
77	55.3	44.4	66.6
79	55.0	47.0	70.4

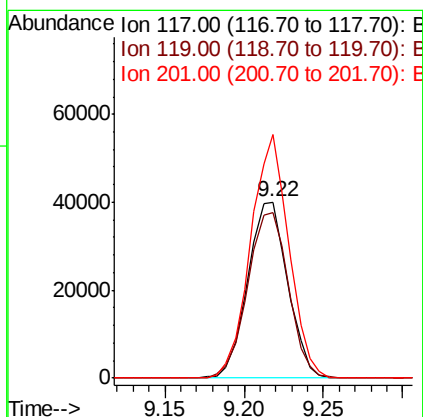
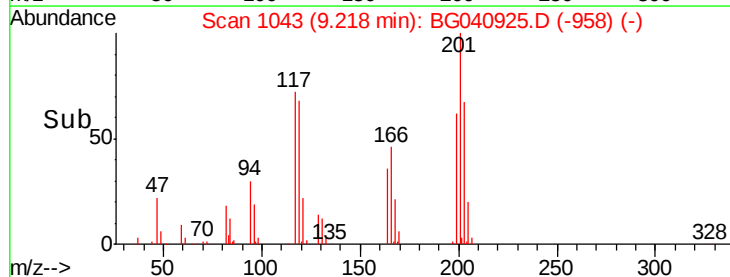
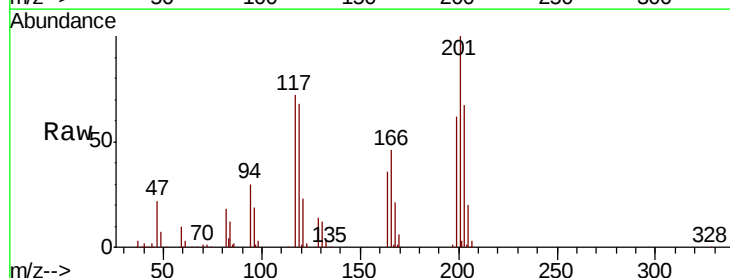
Manual Integrations
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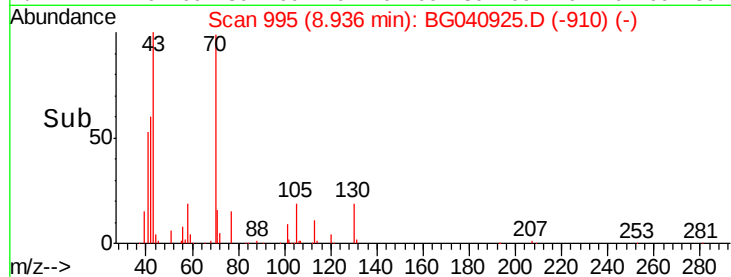
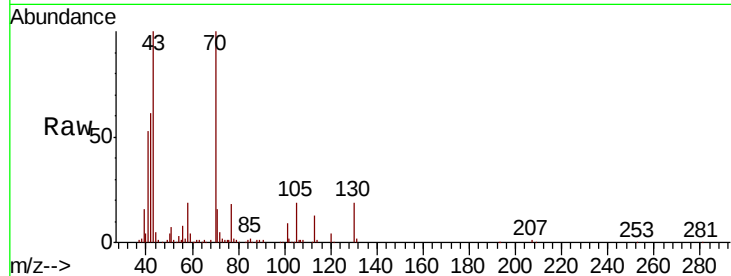
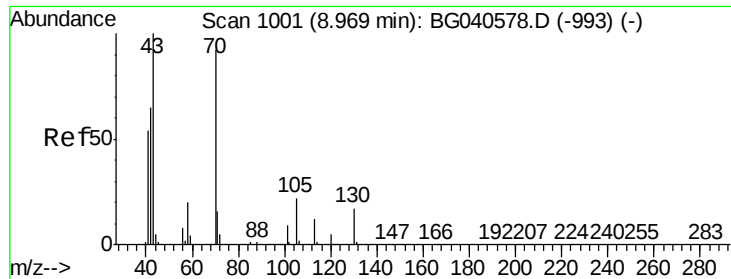
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#18
Hexachloroethane
Concen: 40.350 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BG040925.D
Acq: 13 May 2019 23:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	76.6	114.8
201	138.3	101.0	151.6





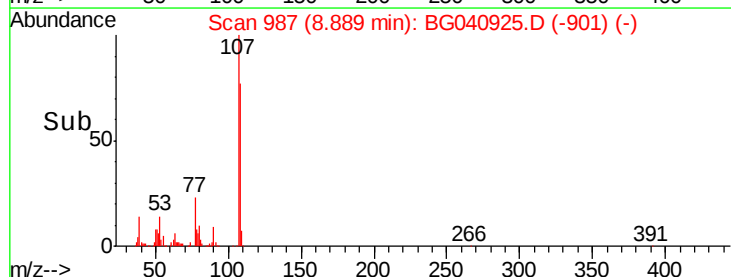
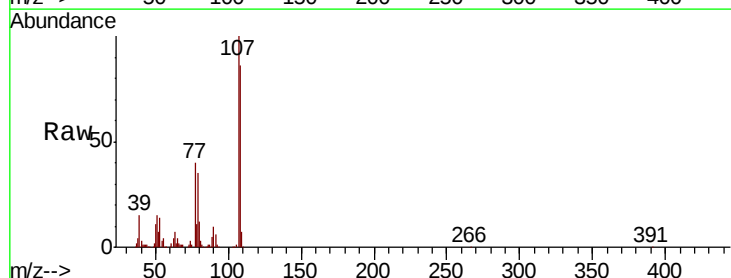
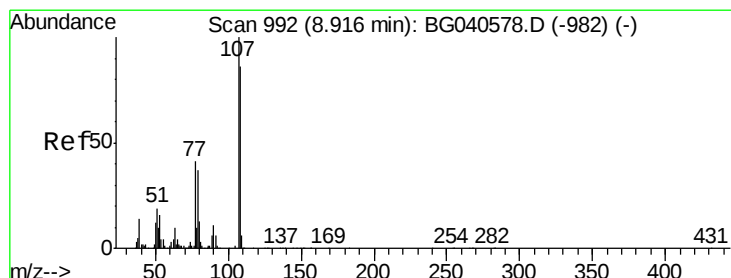
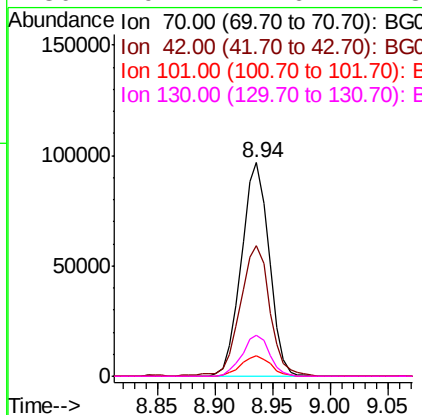
#19
n-Nitroso-di-n-propylamine
Concen: 37.126 ng
RT: 8.94 min Scan# 995
Delta R.T. -0.03 min
Lab File: BG040925.D
Acq: 13 May 2019 23:50

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	61.0	57.1	85.7	
101	9.3	7.8	11.8	
130	19.4	14.6	21.8	

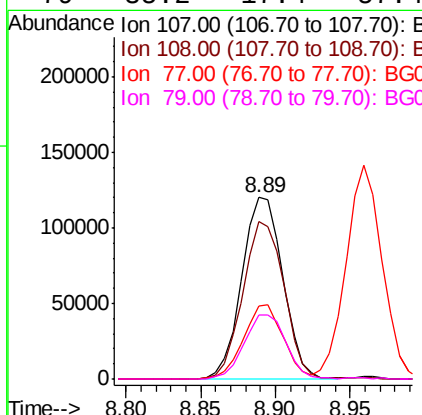
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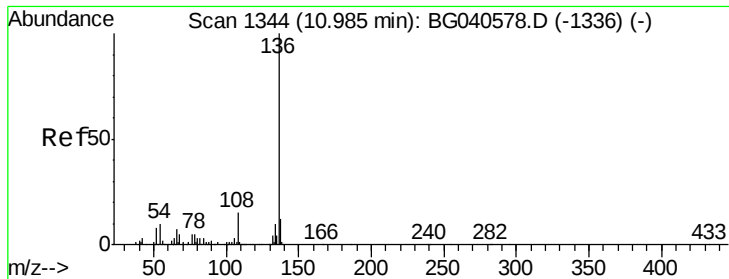
Sohil
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#20
3+4-Methylphenols
Concen: 44.617 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.03 min
Lab File: BG040925.D
Acq: 13 May 2019 23:50

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.5	66.1	106.1	
77	40.3	21.6	61.6	
79	35.2	17.4	57.4	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.95 min Scan# 1338

Delta R.T. -0.03 min

Lab File: BG040925.D

Acq: 13 May 2019 23:50

Instrument :

BNA_G

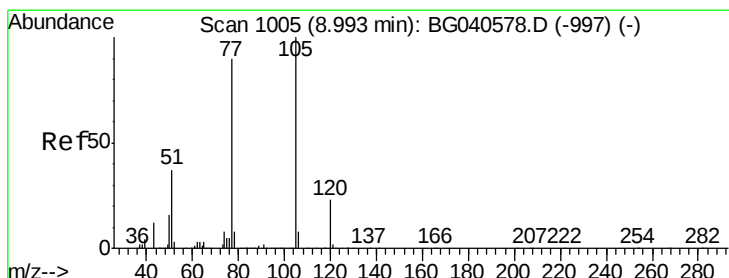
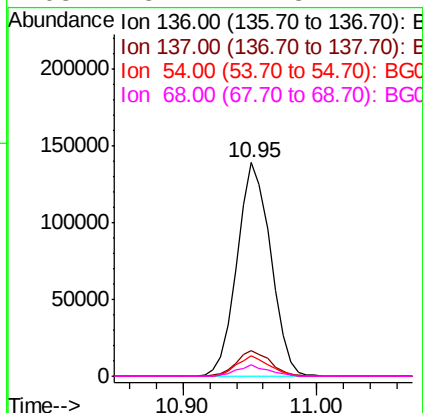
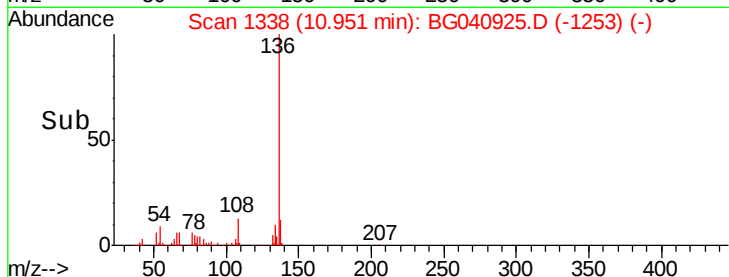
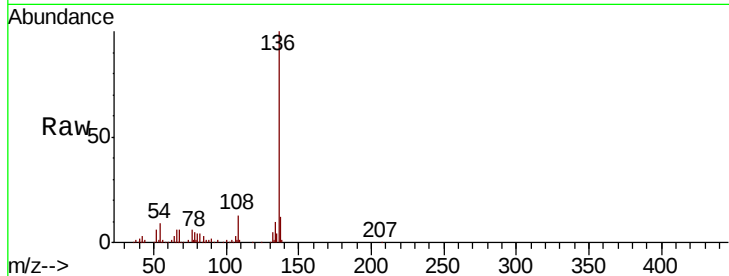
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
136	100	242677		
137	11.9		9.7	14.5
54	9.3		8.6	12.8
68	5.7		4.8	7.2

Manual Integrations
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#22

Acetophenone

Concen: 42.154 ng

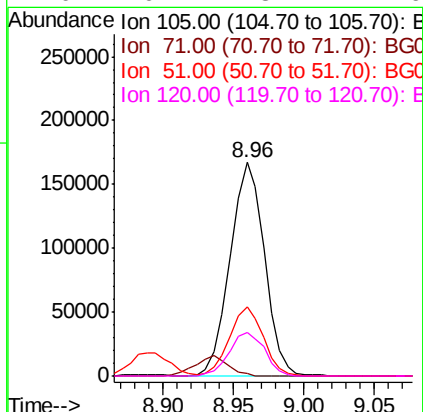
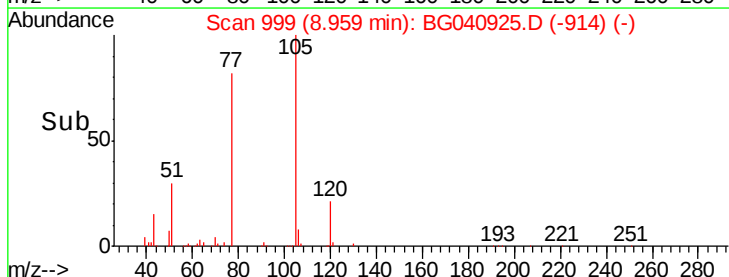
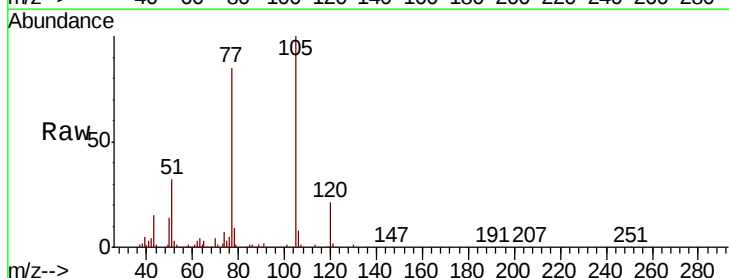
RT: 8.96 min Scan# 999

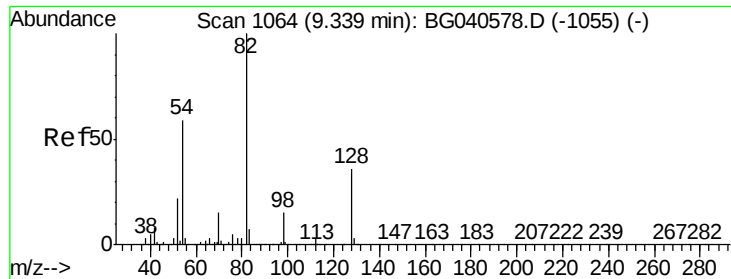
Delta R.T. -0.03 min

Lab File: BG040925.D

Acq: 13 May 2019 23:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	284467		
71	1.0		1.8	2.8#
51	32.3		29.8	44.8
120	20.7		18.4	27.6





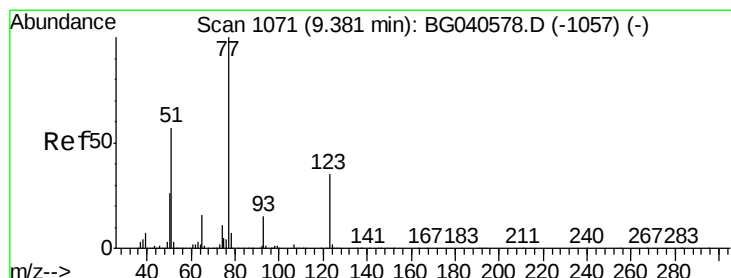
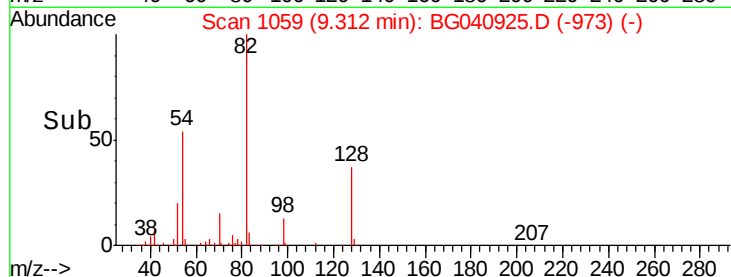
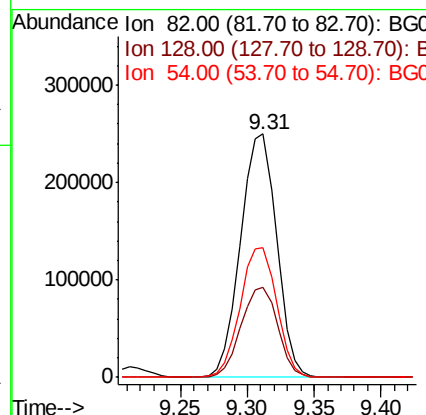
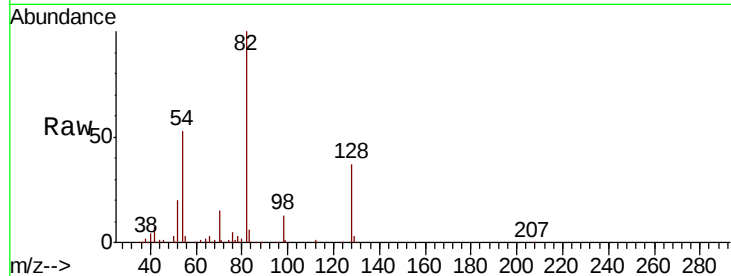
#23
 Nitrobenzene-d5
 Concen: 89.232 ng
 RT: 9.31 min Scan# 1059
 Delta R.T. -0.03 min
 Lab File: BG040925.D
 Acq: 13 May 2019 23:50

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	82	Resp:	468651
Ion Ratio	Lower	Upper	
82	100		
128	37.1	28.9	43.3
54	53.5	47.2	70.8

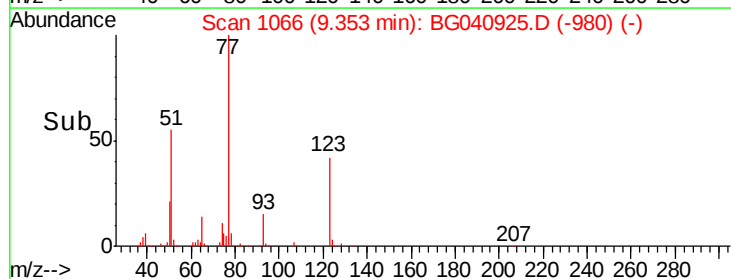
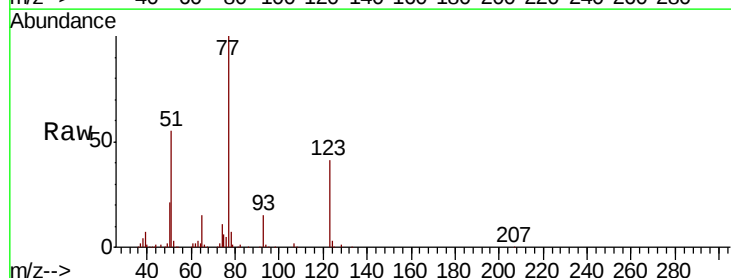
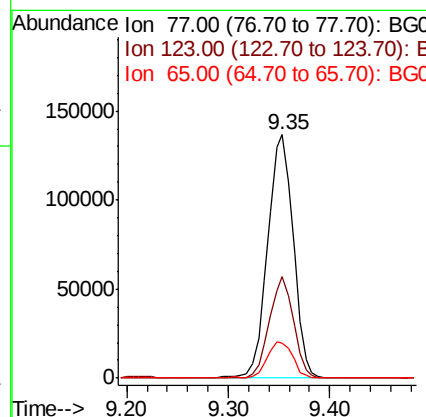
Manual Integrations
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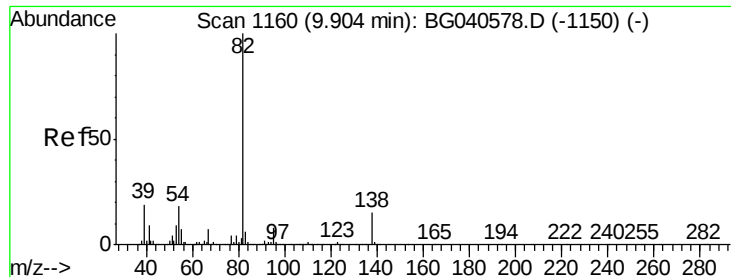
Sohil
 5/14/2019 8:04:45 PM



#24
 Nitrobenzene
 Concen: 42.774 ng
 RT: 9.35 min Scan# 1066
 Delta R.T. -0.03 min
 Lab File: BG040925.D
 Acq: 13 May 2019 23:50

Tgt Ion:	77	Resp:	239691
Ion Ratio	Lower	Upper	
77	100		
123	41.5	27.8	41.6
65	14.5	12.4	18.6





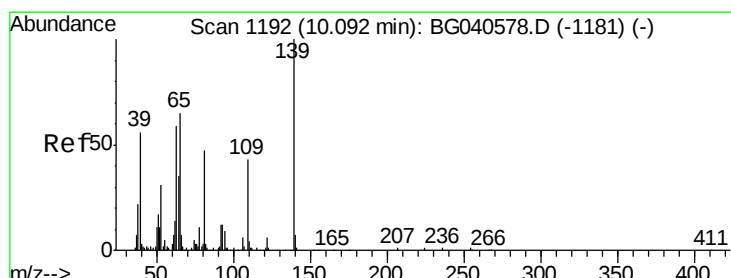
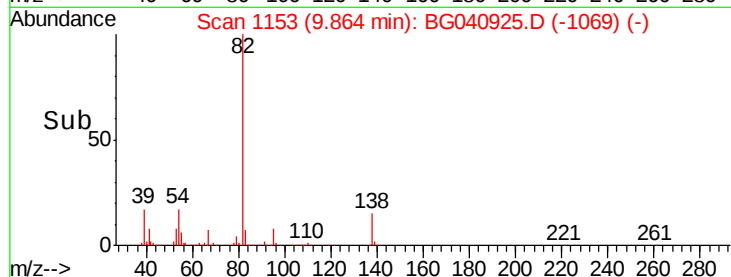
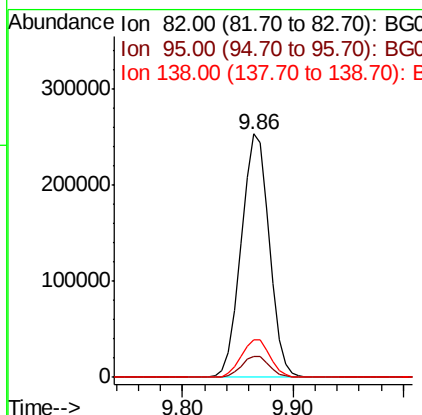
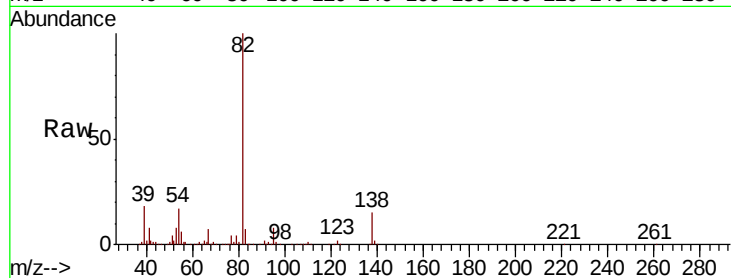
#25
Isophorone
Concen: 38.746 ng
RT: 9.86 min Scan# 1153
Delta R.T. -0.04 min
Lab File: BG040925.D
Acq: 13 May 2019 23:50

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
82	100		
95	8.4	6.9	10.3
138	15.2	12.3	18.5

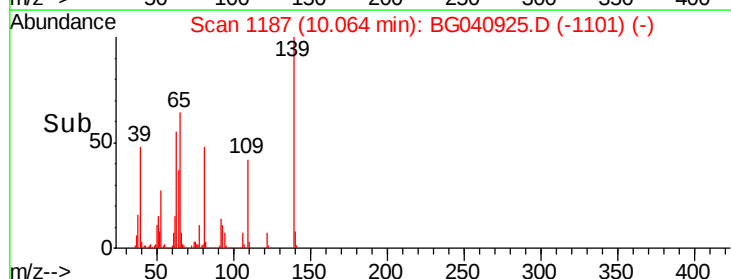
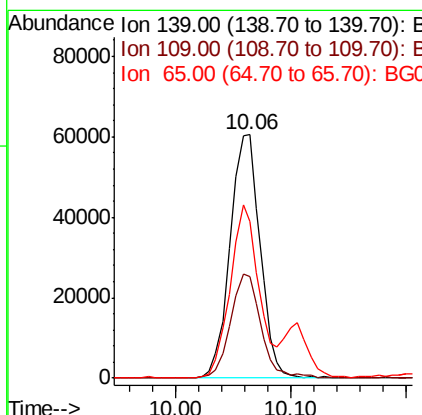
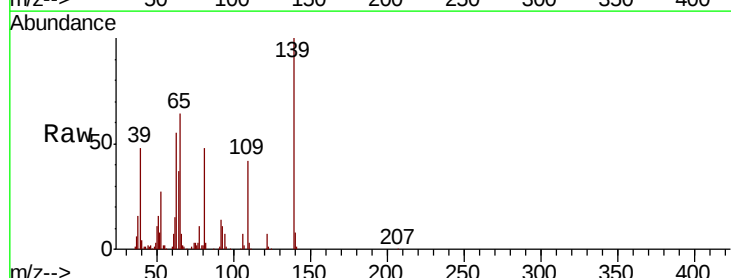
Manual Integrations
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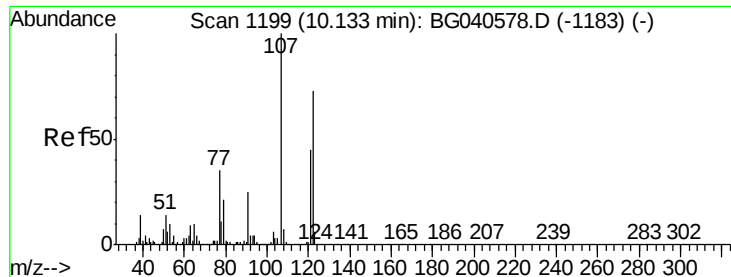
Sohil
5/14/2019 8:04:45 PM



#26
2-Nitrophenol
Concen: 54.230 ng
RT: 10.06 min Scan# 1187
Delta R.T. -0.03 min
Lab File: BG040925.D
Acq: 13 May 2019 23:50

Tgt Ion	Ratio	Lower	Upper
139	100		
109	41.8	35.6	53.4
65	64.5	52.3	78.5





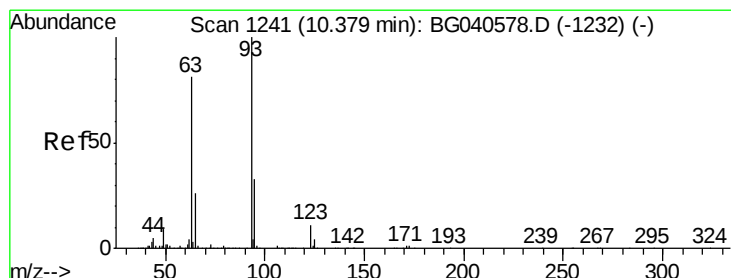
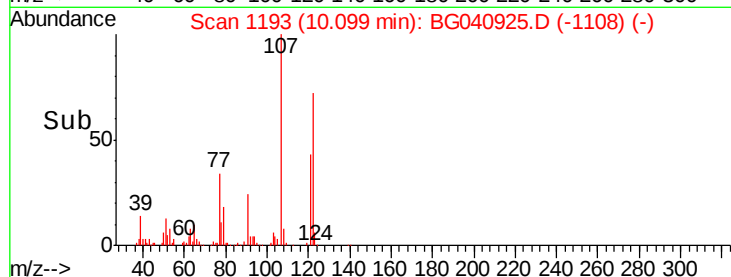
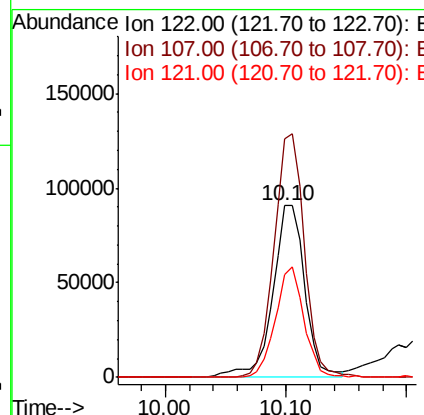
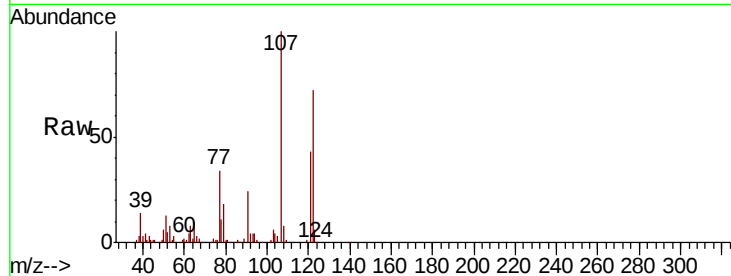
#27
2,4-Dimethylphenol
Concen: 43.892 ng
RT: 10.10 min Scan# 1193
Delta R.T. -0.03 min
Lab File: BG040925.D
Acq: 13 May 2019 23:50

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
122	100		
107	139.3	110.1	165.1
121	59.7	49.4	74.0

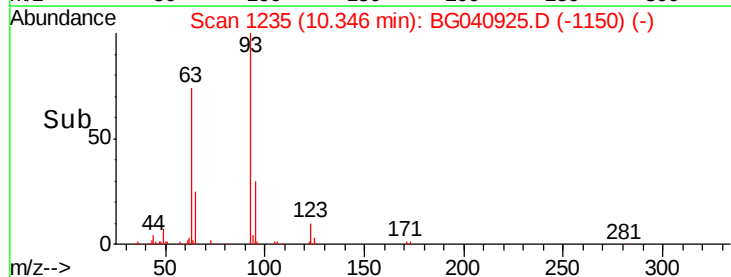
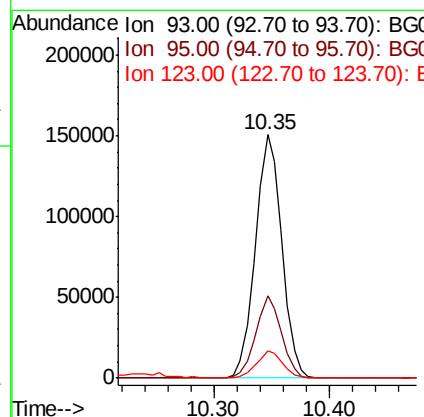
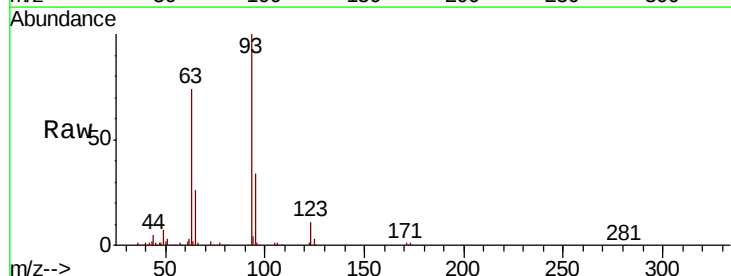
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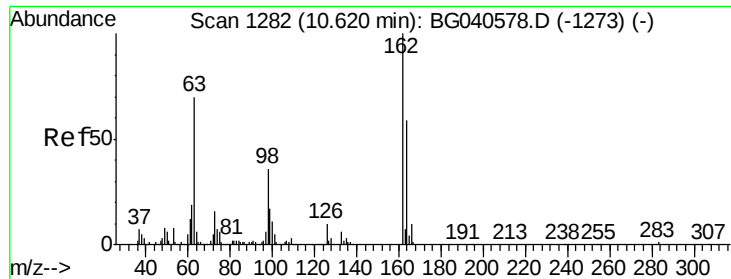
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 41.028 ng
RT: 10.35 min Scan# 1235
Delta R.T. -0.03 min
Lab File: BG040925.D
Acq: 13 May 2019 23:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	26.6	40.0
123	11.1	9.0	13.4





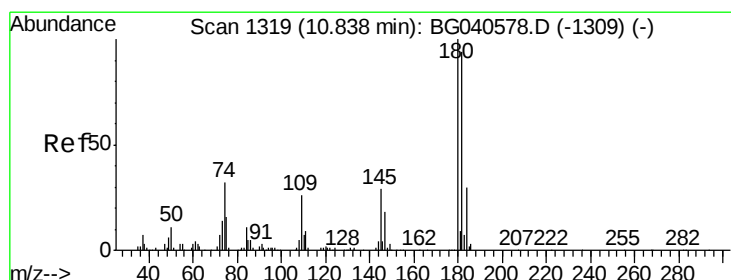
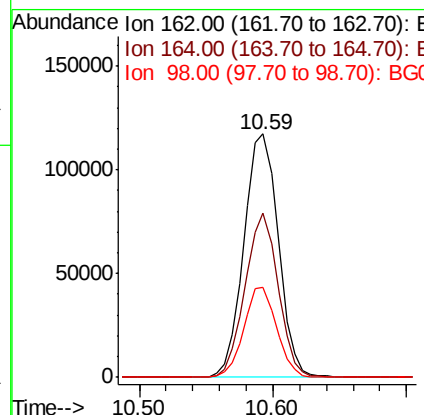
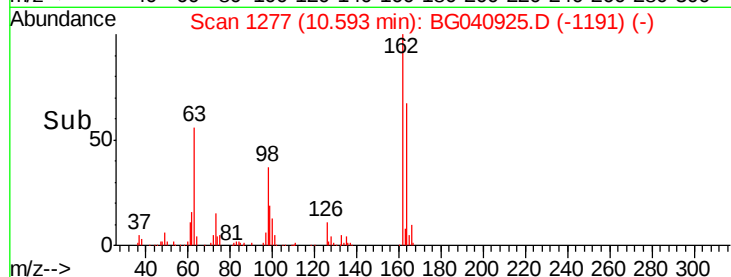
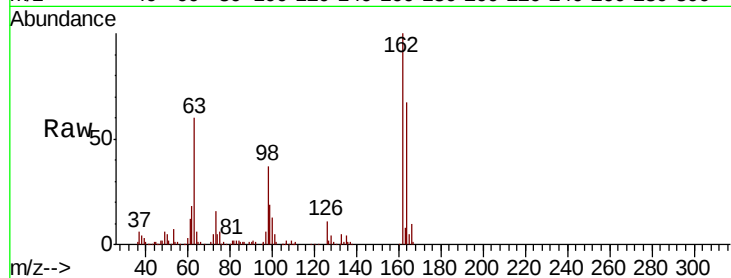
#29
 2,4-Dichlorophenol
 Concen: 48.853 ng
 RT: 10.59 min Scan# 1277
 Delta R.T. -0.03 min
 Lab File: BG040925.D
 Acq: 13 May 2019 23:50

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
162	100	209316		
164	67.5	38.9	78.9	
98	37.0	16.8	56.8	

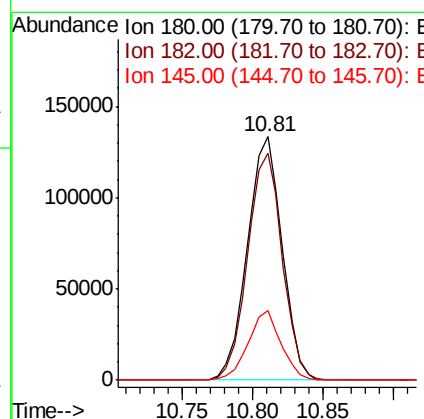
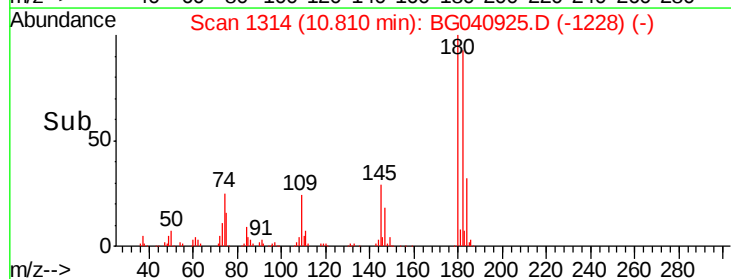
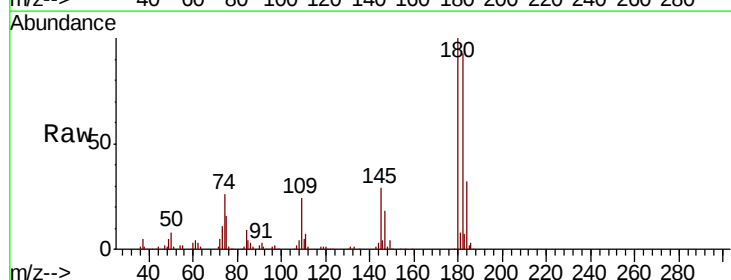
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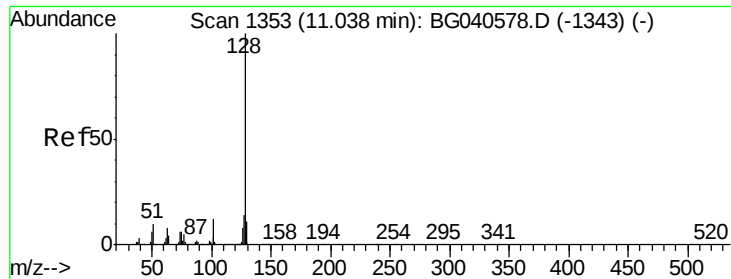
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#30
 1,2,4-Trichlorobenzene
 Concen: 48.394 ng
 RT: 10.81 min Scan# 1314
 Delta R.T. -0.03 min
 Lab File: BG040925.D
 Acq: 13 May 2019 23:50

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	229939		
182	93.5	75.2	112.8	
145	28.7	23.6	35.4	





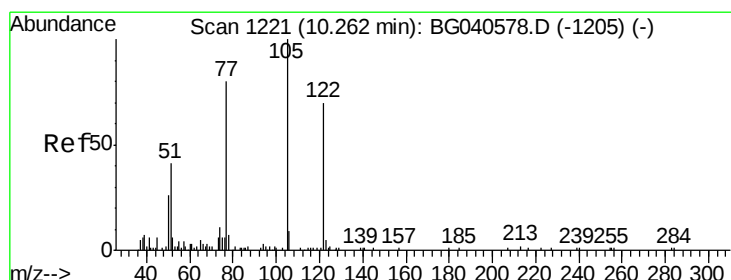
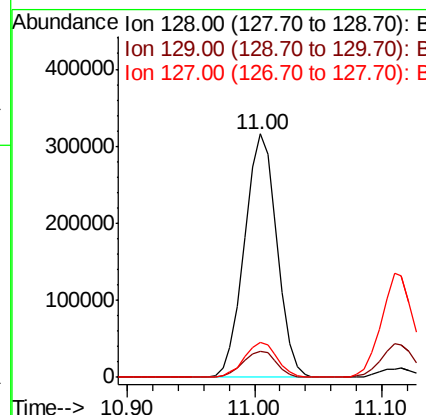
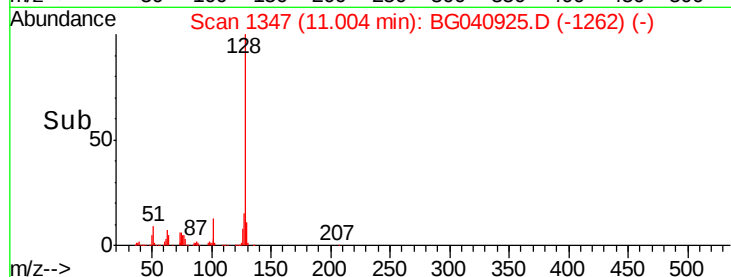
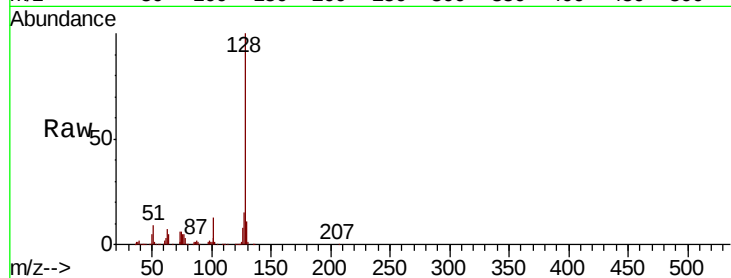
#31
Naphthalene
Concen: 43.417 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.03 min
Lab File: BG040925.D
Acq: 13 May 2019 23:50

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.6
127	14.6	11.3	16.9

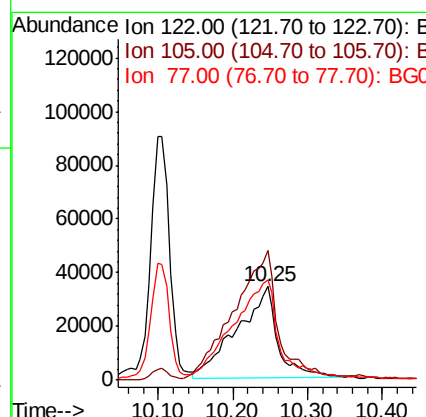
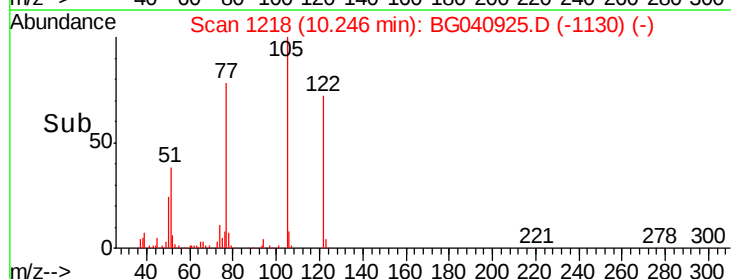
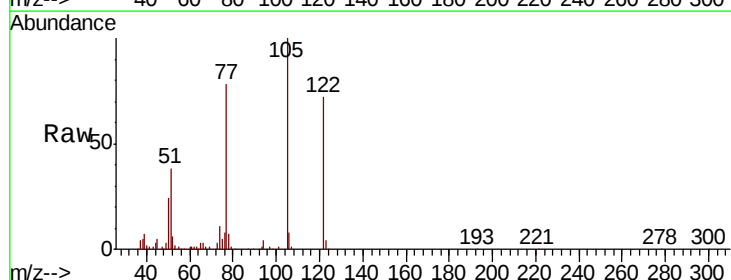
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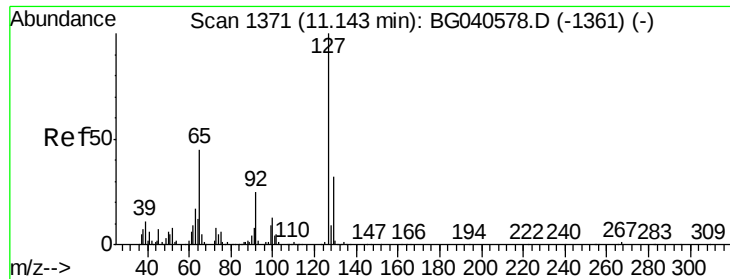
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#32
Benzoic acid
Concen: 50.711 ng
RT: 10.25 min Scan# 1218
Delta R.T. -0.02 min
Lab File: BG040925.D
Acq: 13 May 2019 23:50

Tgt Ion	Ratio	Lower	Upper
122	100		
105	139.2	110.9	150.9
77	108.2	87.6	127.6





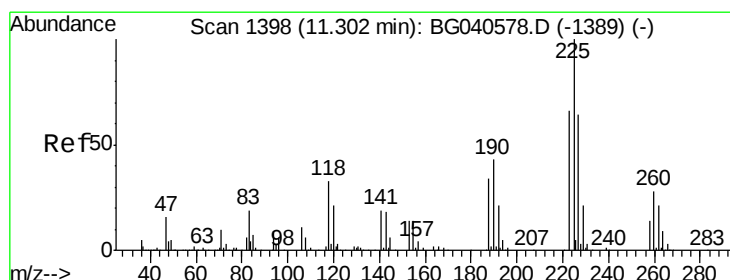
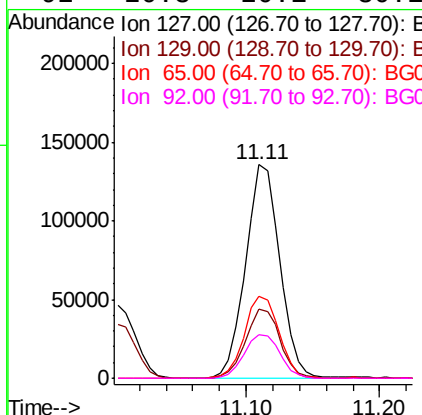
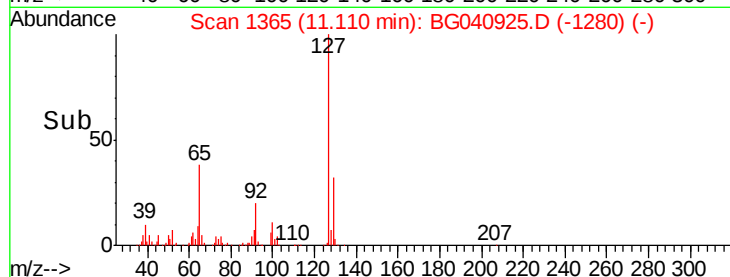
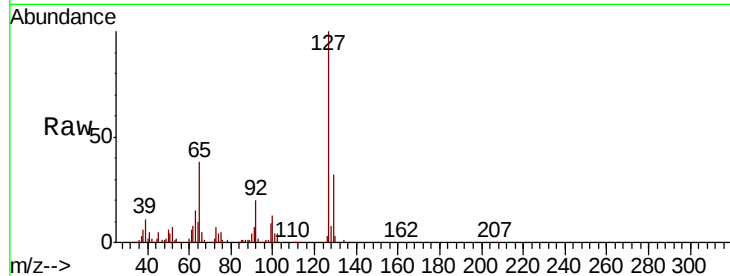
#33
4-Chloroaniline
Concen: 41.957 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.03 min
Lab File: BG040925.D
Acq: 13 May 2019 23:50

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1	25.7	38.5		
65	38.5	36.1	54.1		
92	20.3	20.1	30.1		

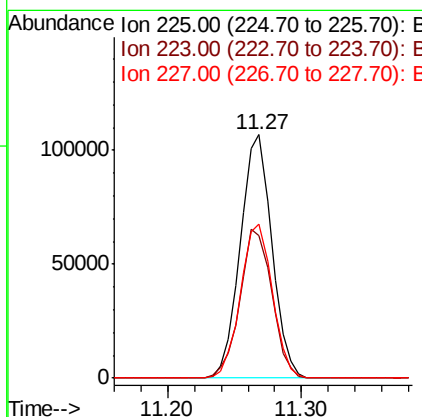
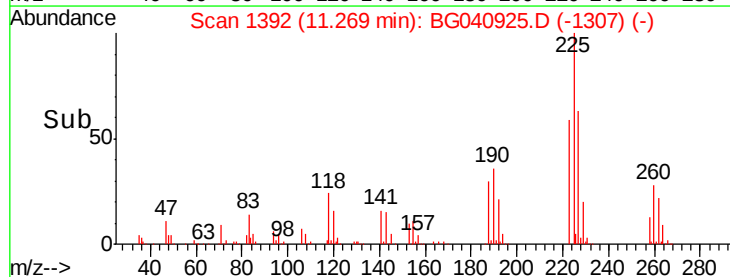
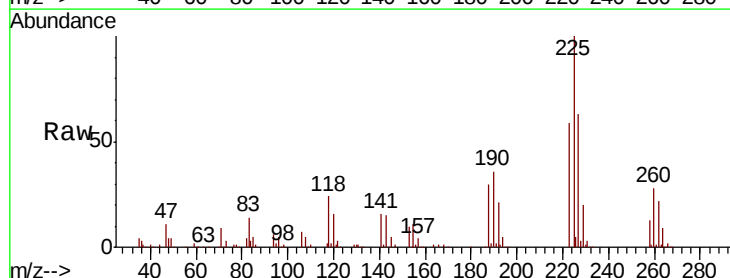
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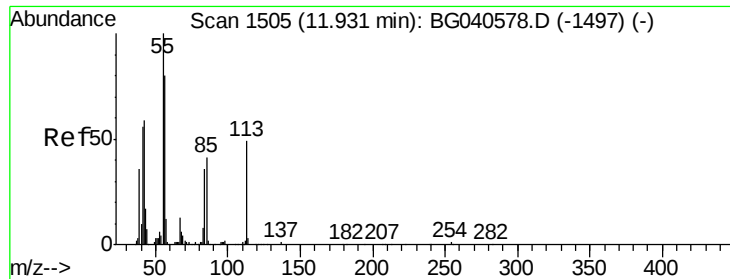
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#34
Hexachlorobutadiene
Concen: 49.549 ng
RT: 11.27 min Scan# 1392
Delta R.T. -0.03 min
Lab File: BG040925.D
Acq: 13 May 2019 23:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	58.7	50.4	75.6		
227	63.1	51.0	76.6		





#35

Caprolactam

Concen: 40.826 ng

RT: 11.91 min Scan# 1501

Delta R.T. -0.02 min

Lab File: BG040925.D

Acq: 13 May 2019 23:50

Instrument :

BNA_G

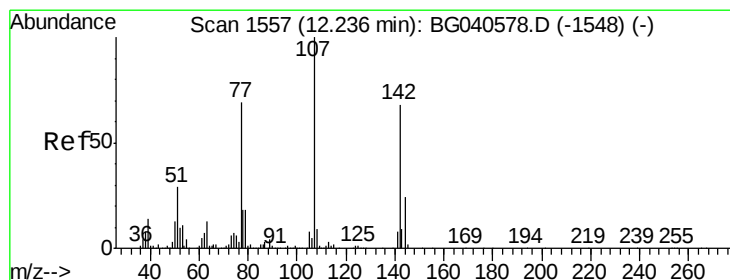
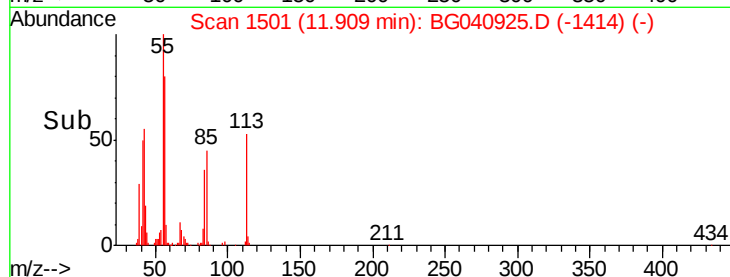
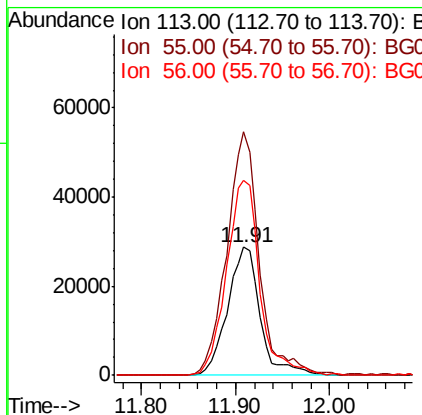
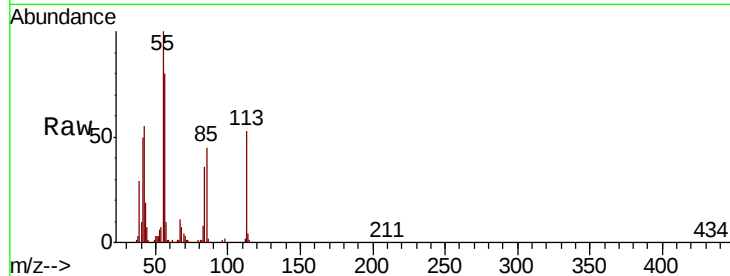
ClientSampleId :

SSTDCCC040EC

Tot Ion:	113	Resp:	69061
Ion Ratio	Lower	Upper	
113	100		
55	190.4	198.6	238.6#
56	152.9	148.4	188.4

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#36

4-Chloro-3-methylphenol

Concen: 45.567 ng

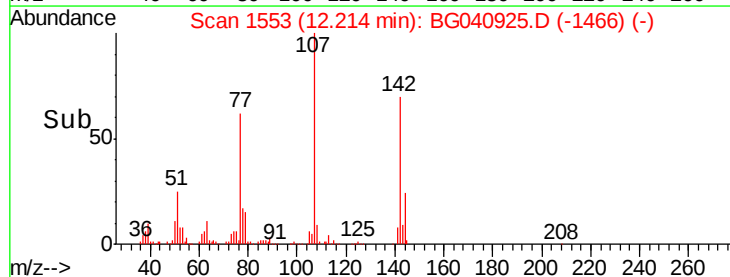
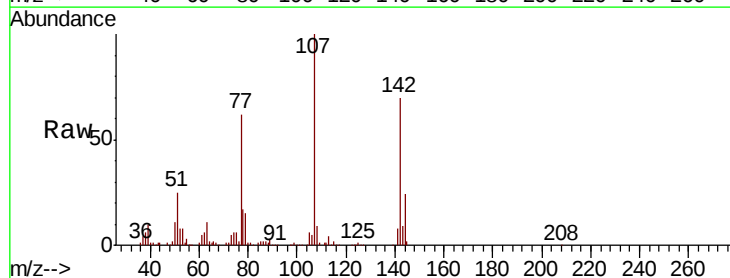
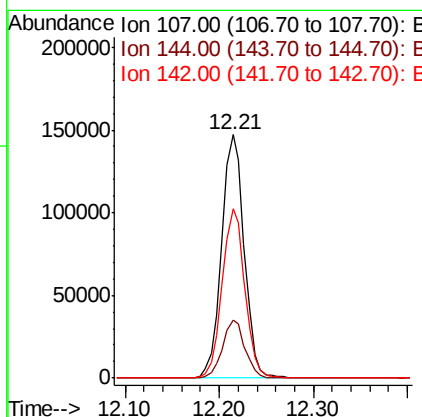
RT: 12.21 min Scan# 1553

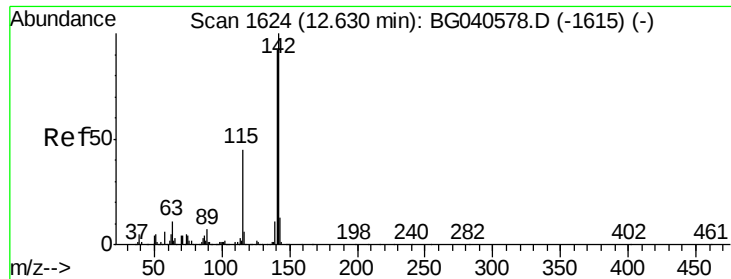
Delta R.T. -0.02 min

Lab File: BG040925.D

Acq: 13 May 2019 23:50

Tgt Ion:	107	Resp:	246295
Ion Ratio	Lower	Upper	
107	100		
144	23.9	19.3	28.9
142	69.6	54.6	81.8





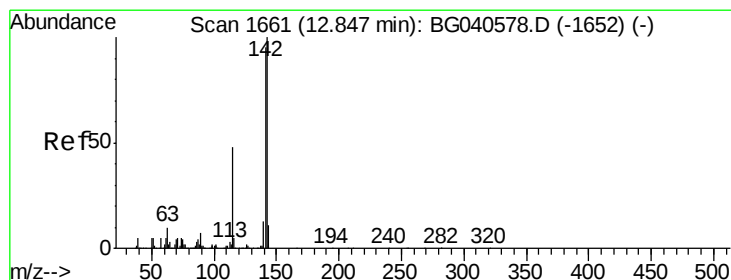
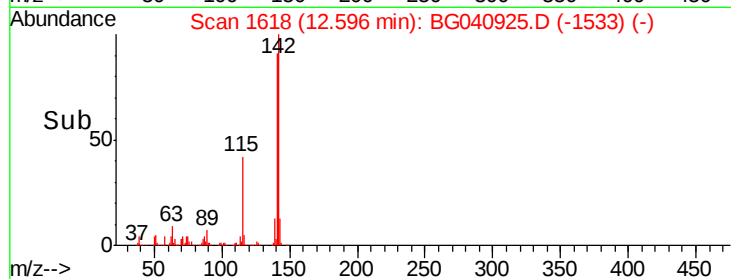
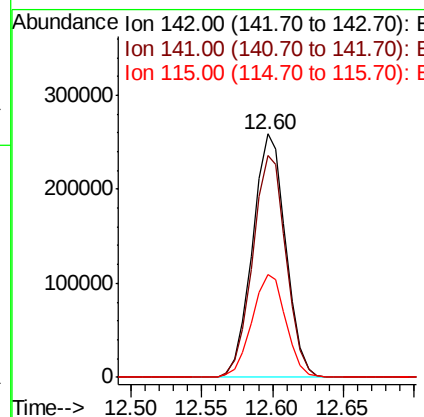
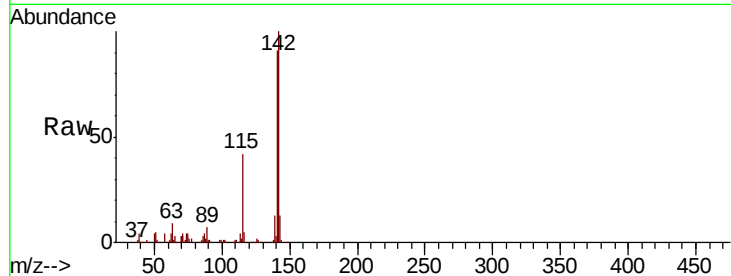
#37
2-Methylnaphthalene
Concen: 44.390 ng
RT: 12.60 min Scan# 1618
Delta R.T. -0.03 min
Lab File: BG040925.D
Acq: 13 May 2019 23:50

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.4	110.2
115	42.3	36.2	54.4

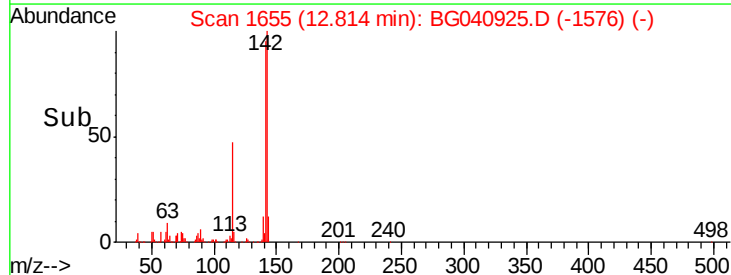
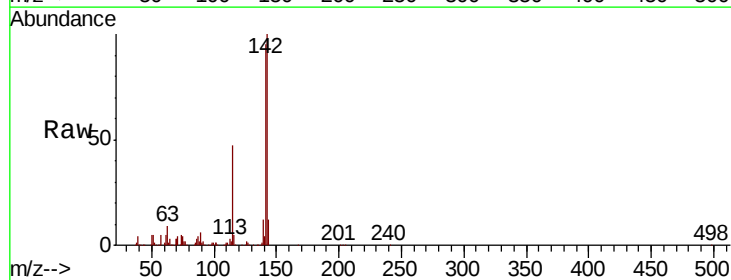
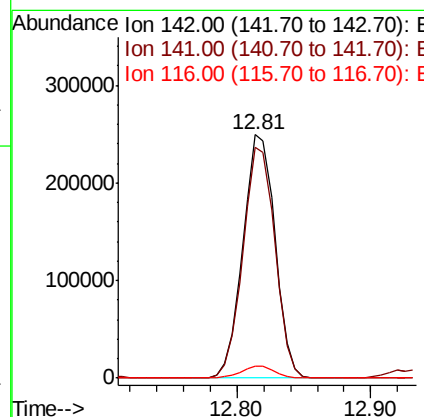
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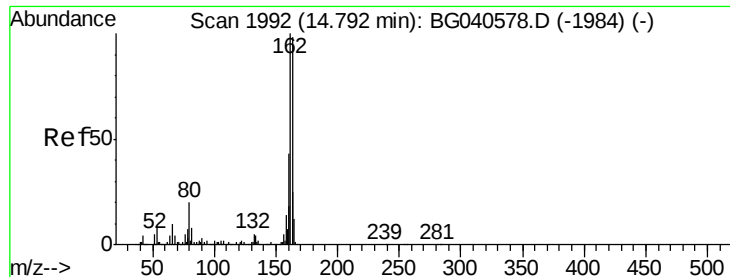
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#38
1-Methylnaphthalene
Concen: 43.843 ng
RT: 12.81 min Scan# 1655
Delta R.T. -0.03 min
Lab File: BG040925.D
Acq: 13 May 2019 23:50

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: BG040925.D

Acq: 13 May 2019 23:50

Instrument :

BNA_G

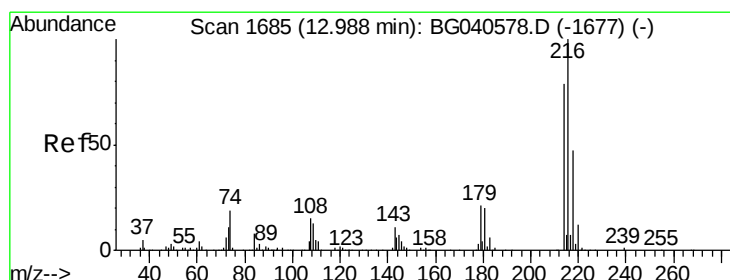
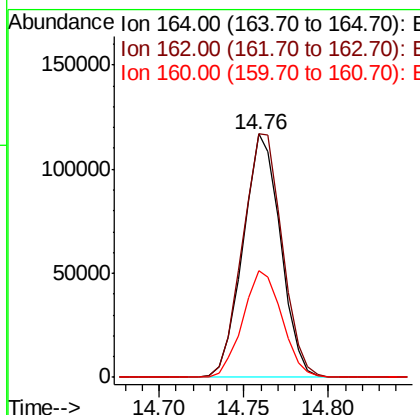
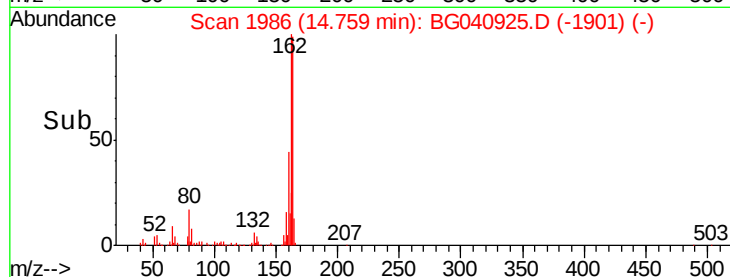
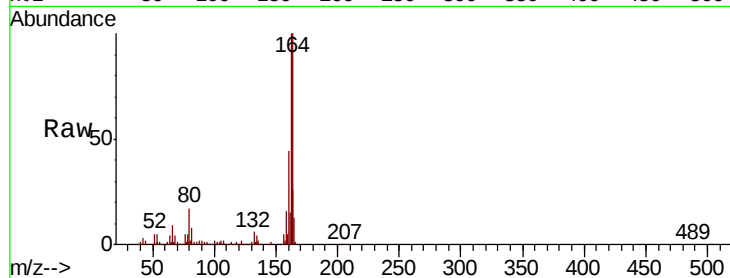
ClientSampleId :

SSTDCCC040EC

Tot Ion:	164	Resp:	180649
Ion Ratio	Lower	Upper	
164	100		
162	100.1	81.9	122.9
160	43.9	35.4	53.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.501 ng

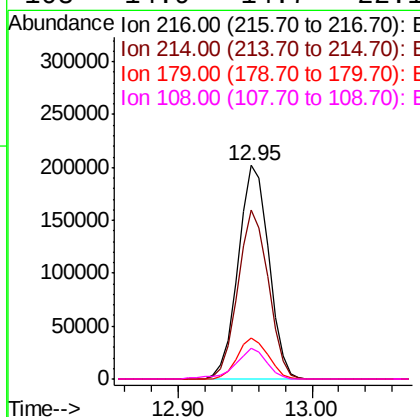
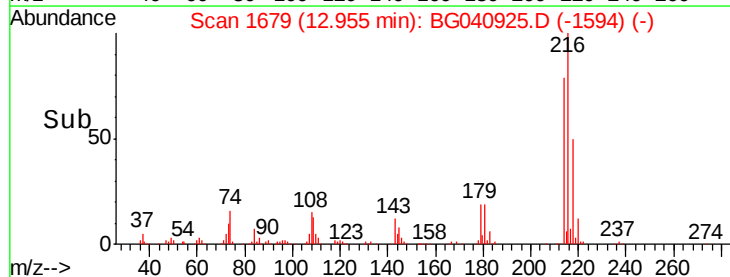
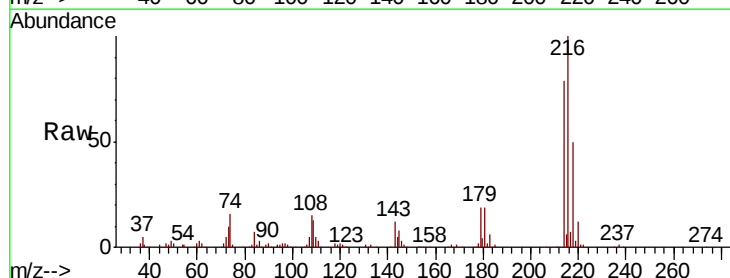
RT: 12.95 min Scan# 1679

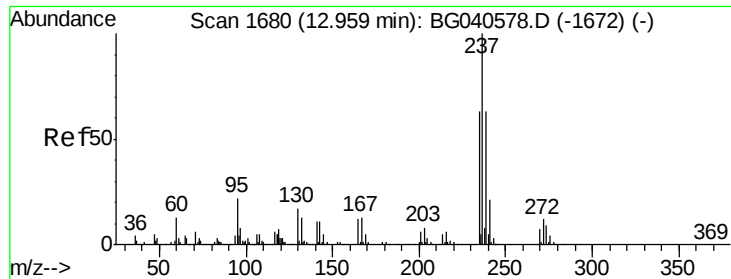
Delta R.T. -0.03 min

Lab File: BG040925.D

Acq: 13 May 2019 23:50

Tgt Ion:	216	Resp:	319666
Ion Ratio	Lower	Upper	
216	100		
214	78.6	63.7	95.5
179	19.1	16.6	24.8
108	14.9	14.7	22.1





#41

Hexachlorocyclopentadiene

Concen: 33.235 ng

RT: 12.93 min Scan# 1674

Delta R.T. -0.03 min

Lab File: BG040925.D

Acq: 13 May 2019 23:50

Instrument :

BNA_G

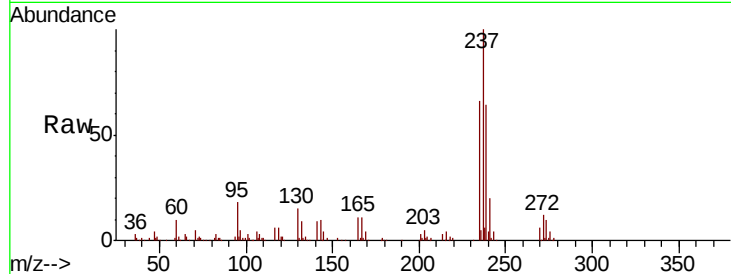
ClientSampleId :

SSTDCCC040EC

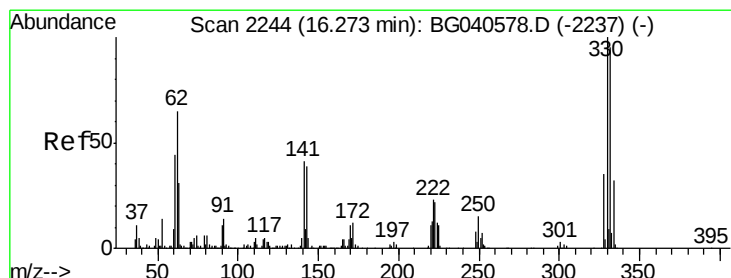
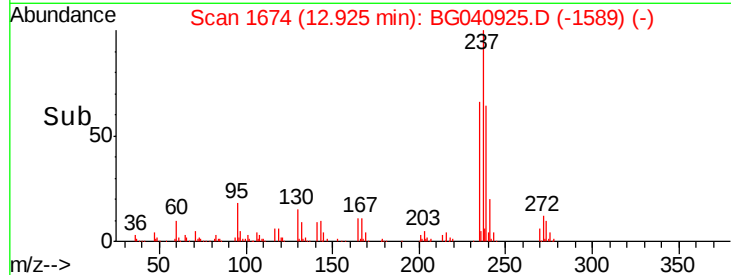
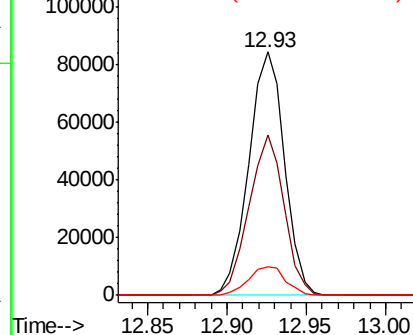
Tot Ion:	237	Resp:	131977
Ion Ratio	Lower	Upper	
237	100		
235	66.0	42.5	82.5
272	11.9	0.0	31.6

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



#42

2,4,6-Tribromophenol

Concen: 95.294 ng

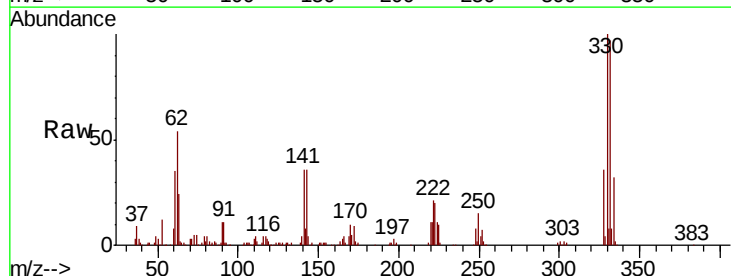
RT: 16.25 min Scan# 2239

Delta R.T. -0.03 min

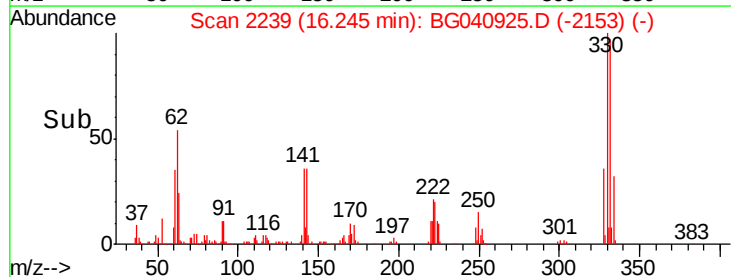
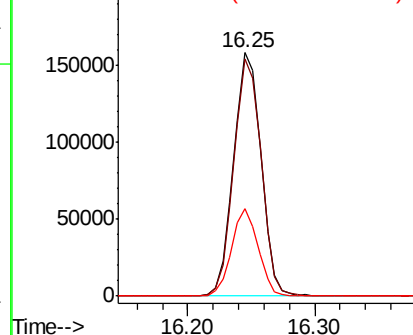
Lab File: BG040925.D

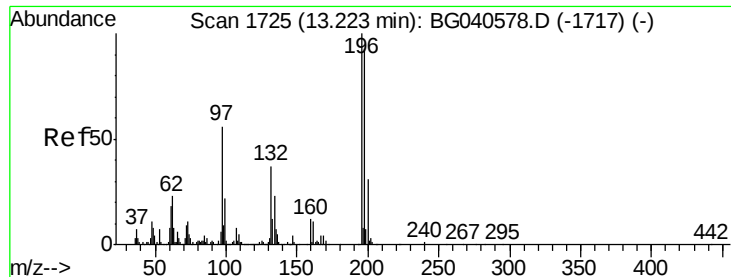
Acq: 13 May 2019 23:50

Tgt Ion:	330	Resp:	236622
Ion Ratio	Lower	Upper	
330	100		
332	97.3	75.9	113.9
141	34.6	32.4	48.6



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





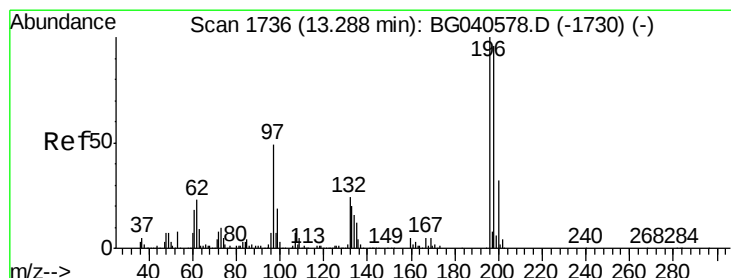
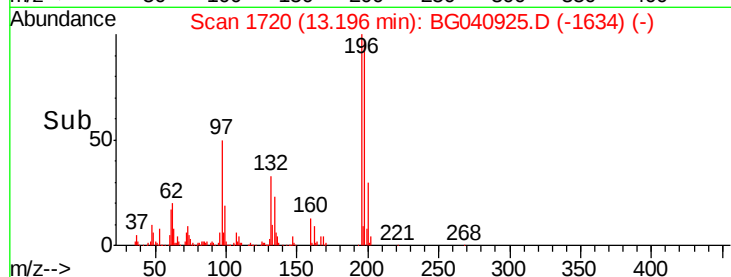
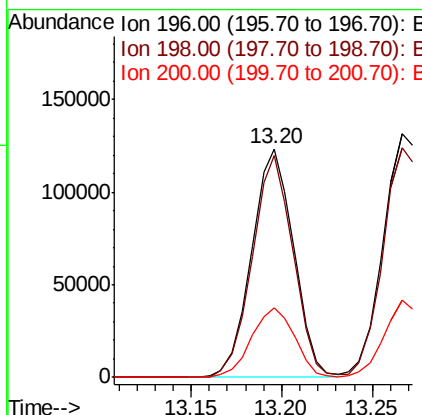
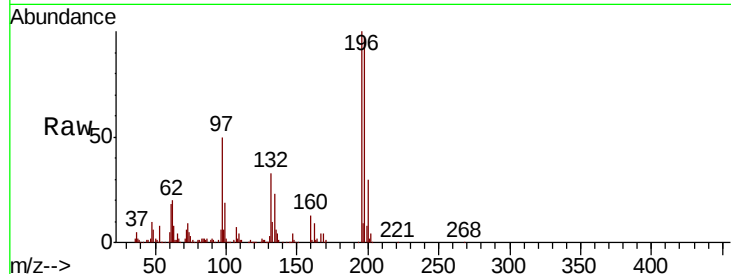
#43
 2,4,6-Trichlorophenol
 Concen: 48.639 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. -0.03 min
 Lab File: BG040925.D
 Acq: 13 May 2019 23:50

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
196	100	197805		
198	97.0		74.8	112.2
200	30.4		24.9	37.3

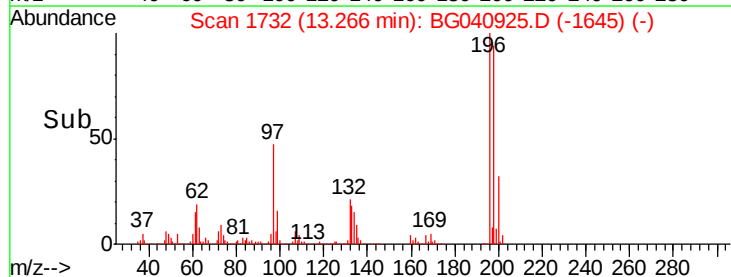
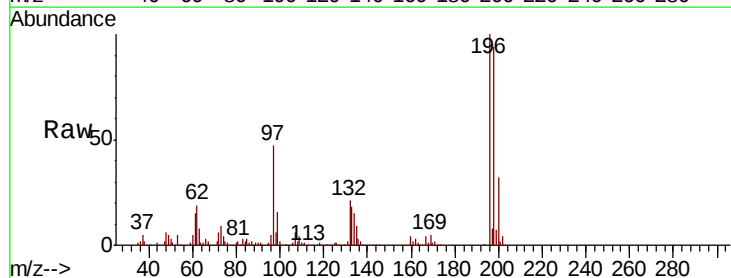
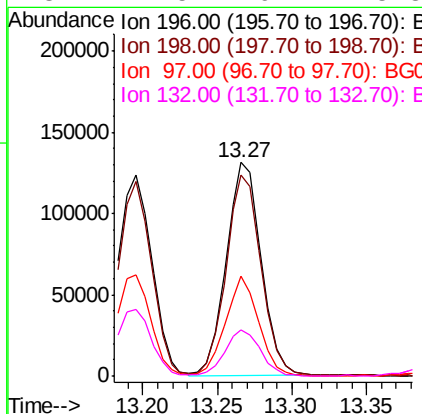
Manual Integrations
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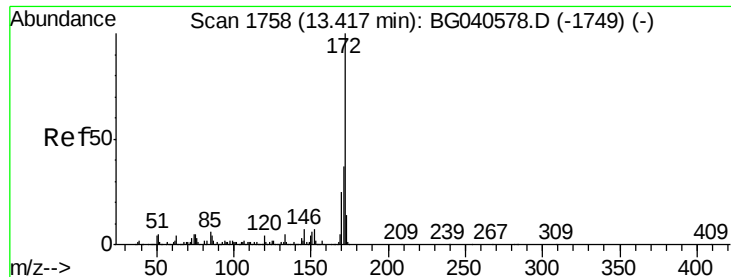
Sohil
 5/14/2019 8:04:45 PM



#44
 2,4,5-Trichlorophenol
 Concen: 48.334 ng
 RT: 13.27 min Scan# 1732
 Delta R.T. -0.02 min
 Lab File: BG040925.D
 Acq: 13 May 2019 23:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	214125		
198	94.1		77.0	115.6
97	46.6		40.0	60.0
132	21.5		19.2	28.8





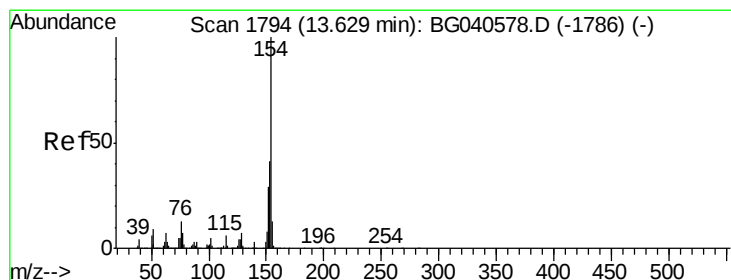
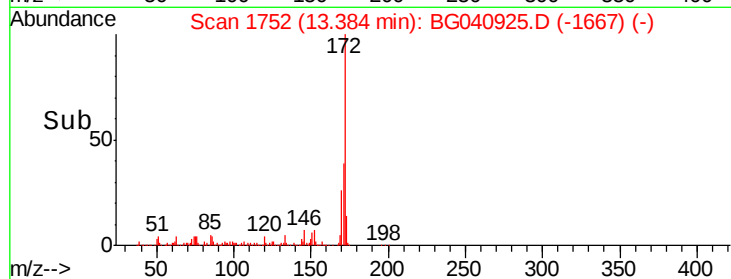
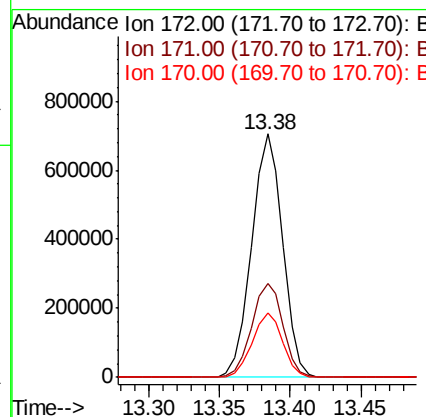
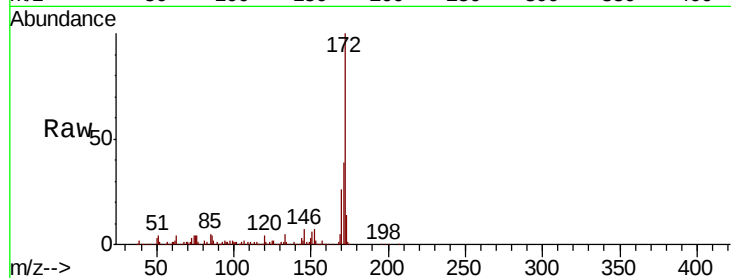
#45
2-Fluorobiphenyl
Concen: 86.939 ng
RT: 13.38 min Scan# 1752
Delta R.T. -0.03 min
Lab File: BG040925.D
Acq: 13 May 2019 23:50

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.5	29.4	44.2
170	26.2	19.9	29.9

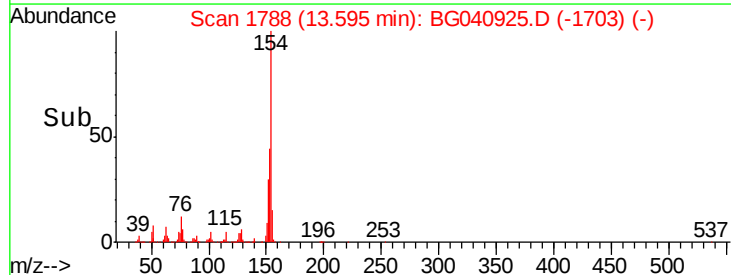
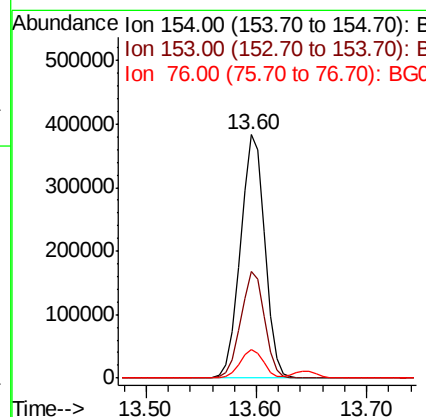
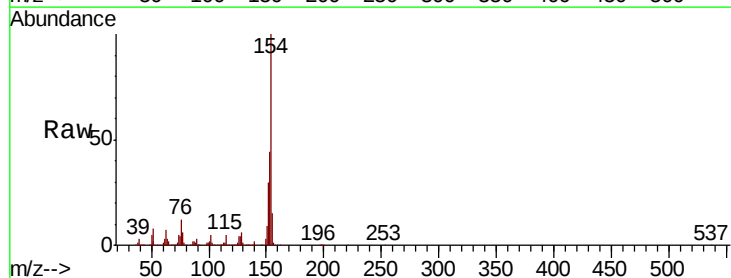
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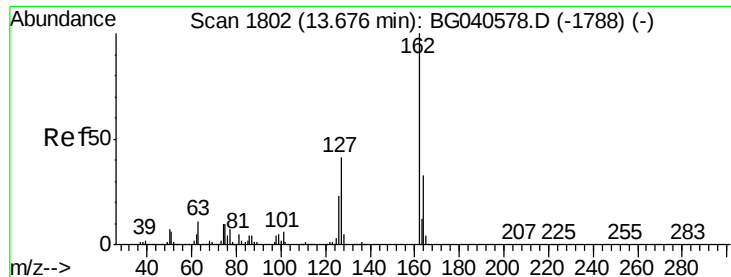
Sohil
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#46
1,1'-Biphenyl
Concen: 42.167 ng
RT: 13.60 min Scan# 1788
Delta R.T. -0.03 min
Lab File: BG040925.D
Acq: 13 May 2019 23:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.0	20.5	60.5
76	11.5	0.0	32.5





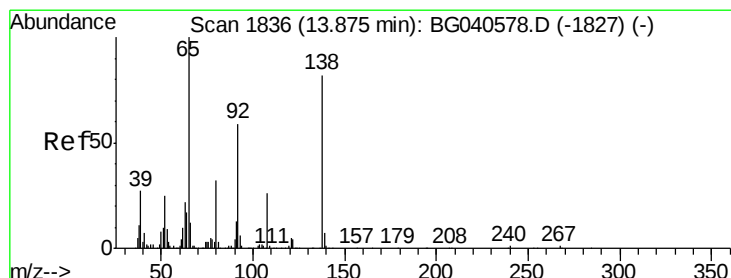
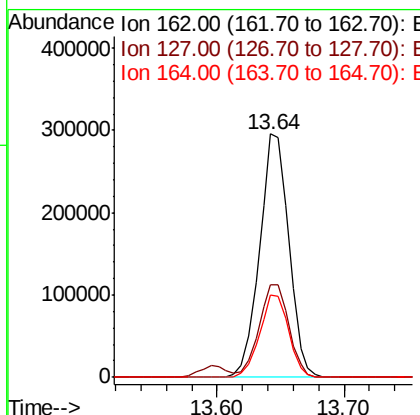
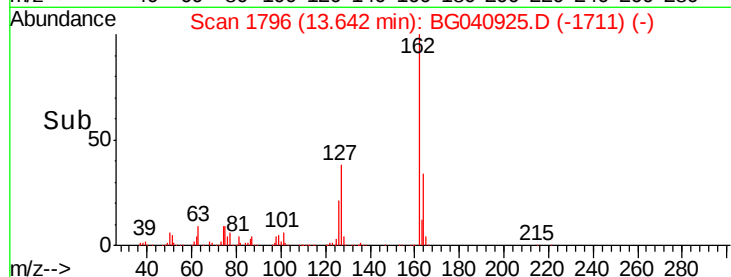
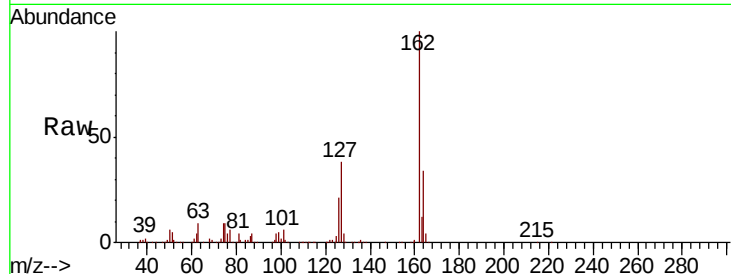
#47
 2-Chloronaphthalene
 Concen: 43.381 ng
 RT: 13.64 min Scan# 1796
 Delta R.T. -0.03 min
 Lab File: BG040925.D
 Acq: 13 May 2019 23:50

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.1	33.0	49.4
164	33.9	26.8	40.2

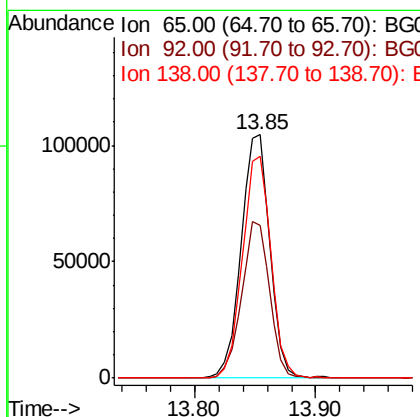
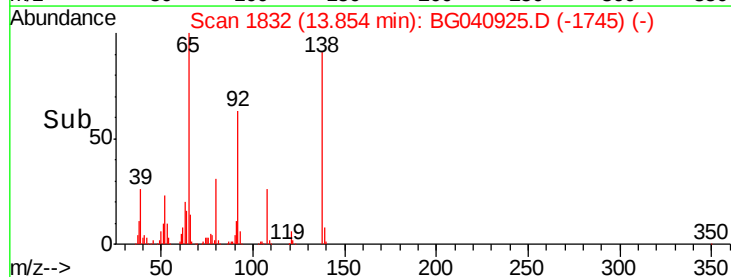
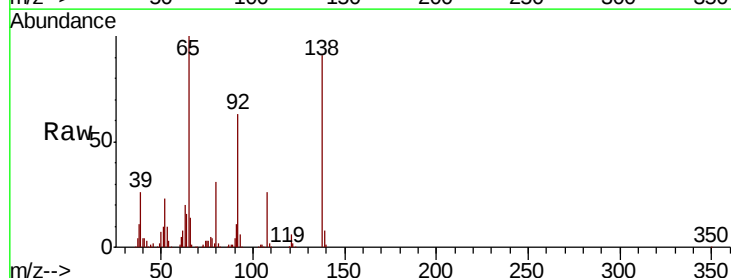
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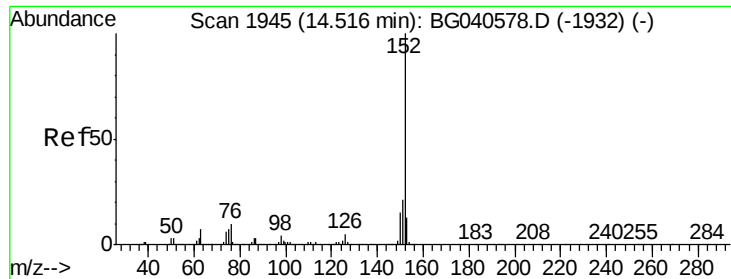
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#48
 2-Nitroaniline
 Concen: 44.434 ng
 RT: 13.85 min Scan# 1832
 Delta R.T. -0.02 min
 Lab File: BG040925.D
 Acq: 13 May 2019 23:50

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.7	47.4	71.0
138	91.3	66.1	99.1





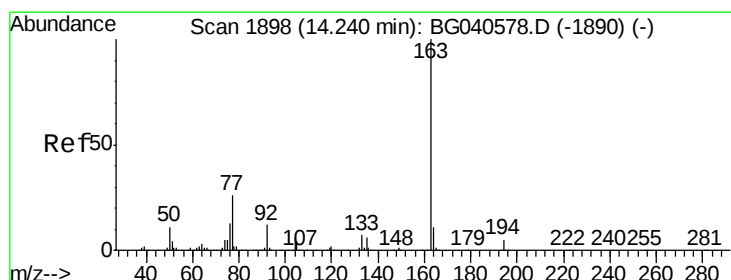
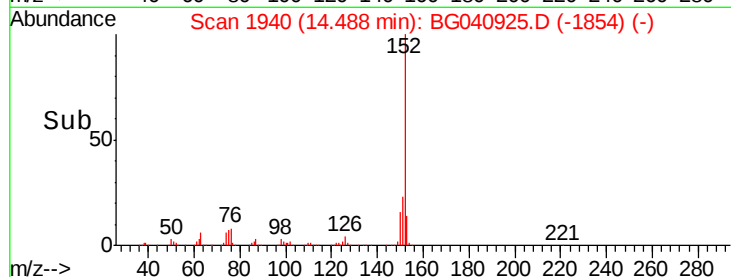
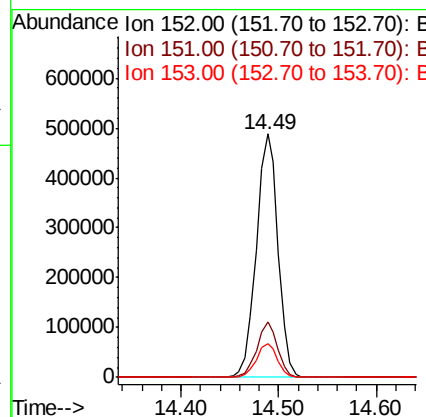
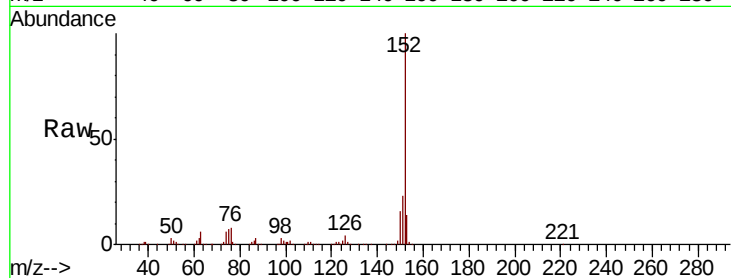
#49
Acenaphthylene
Concen: 40.918 ng
RT: 14.49 min Scan# 1940
Delta R.T. -0.03 min
Lab File: BG040925.D
Acq: 13 May 2019 23:50

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.6	17.2	25.8
153	13.7	10.7	16.1

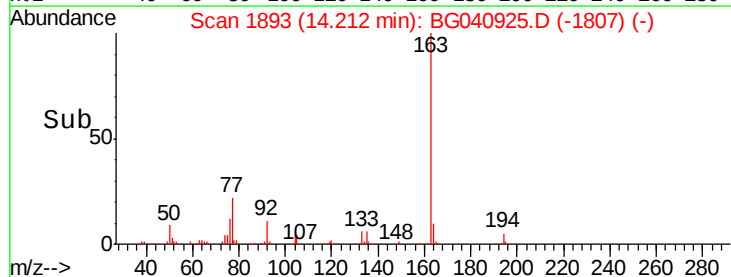
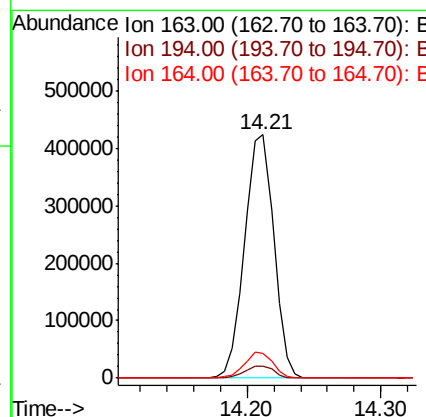
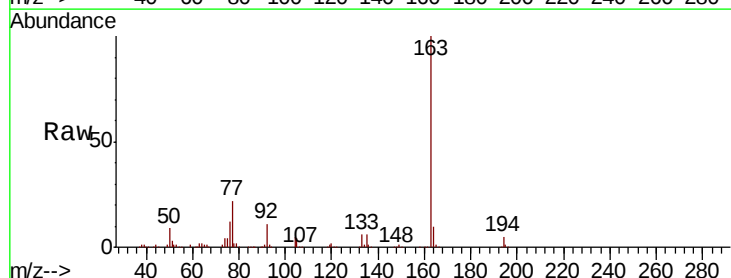
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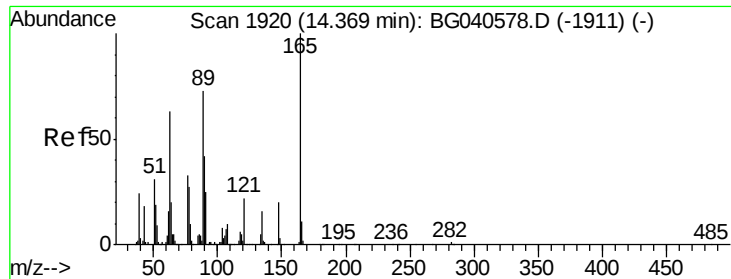
Sohil
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#50
Dimethylphthalate
Concen: 42.312 ng
RT: 14.21 min Scan# 1893
Delta R.T. -0.03 min
Lab File: BG040925.D
Acq: 13 May 2019 23:50

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.8	5.8
164	10.3	8.8	13.2





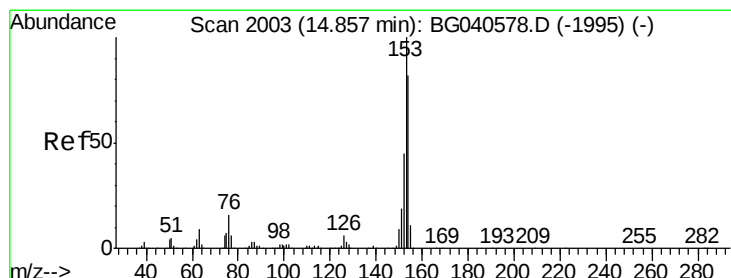
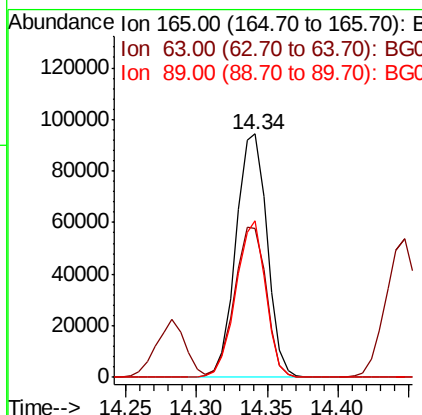
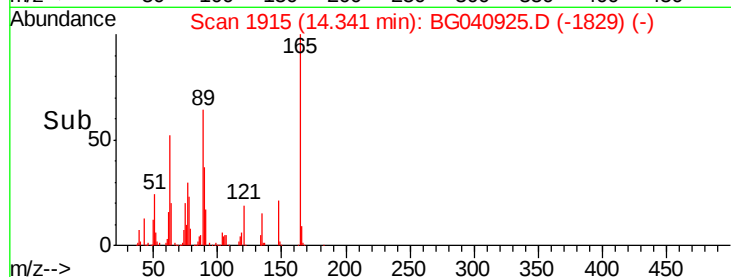
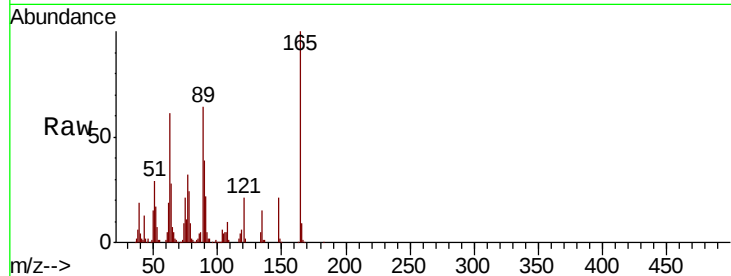
#51
 2,6-Dinitrotoluene
 Concen: 49.223 ng
 RT: 14.34 min Scan# 1915
 Delta R.T. -0.03 min
 Lab File: BG040925.D
 Acq: 13 May 2019 23:50

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	165	Resp:	145203
Ion Ratio	Lower	Upper	
165	100		
63	61.3	61.0	91.4
89	64.2	58.6	87.8

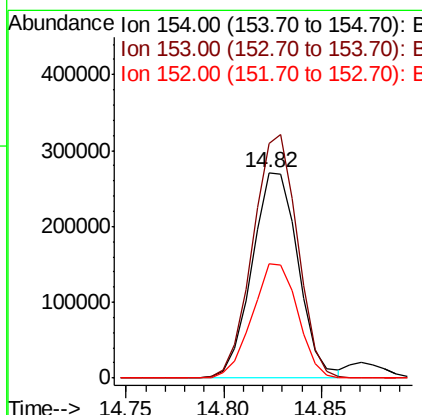
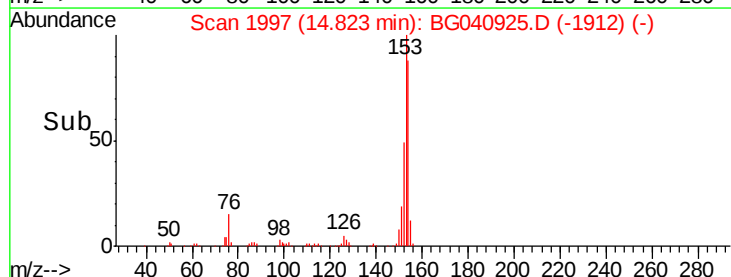
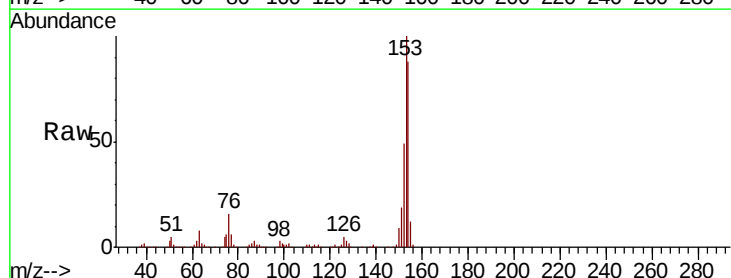
Manual Integrations
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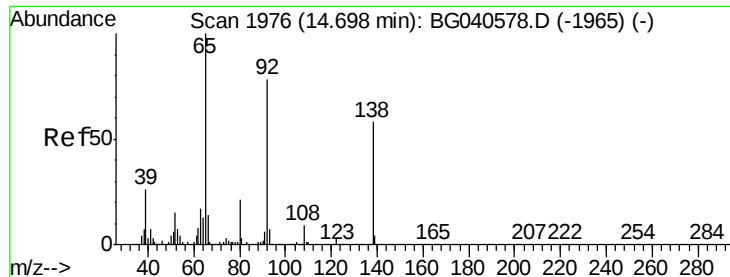
Sohil
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#52
 Acenaphthene
 Concen: 40.954 ng
 RT: 14.82 min Scan# 1997
 Delta R.T. -0.03 min
 Lab File: BG040925.D
 Acq: 13 May 2019 23:50

Tgt Ion:	154	Resp:	444153
Ion Ratio	Lower	Upper	
154	100		
153	114.2	97.0	145.6
152	55.5	44.1	66.1





#53

3-Nitroaniline

Concen: 44.106 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.03 min

Lab File: BG040925.D

Acq: 13 May 2019 23:50

Instrument :

BNA_G

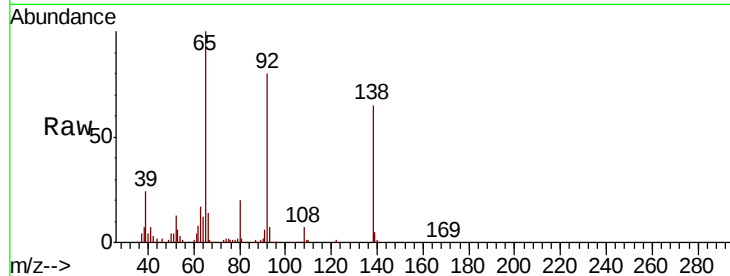
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	12.4	18.6#
92	124.1	108.6	162.8

Manual Integrations
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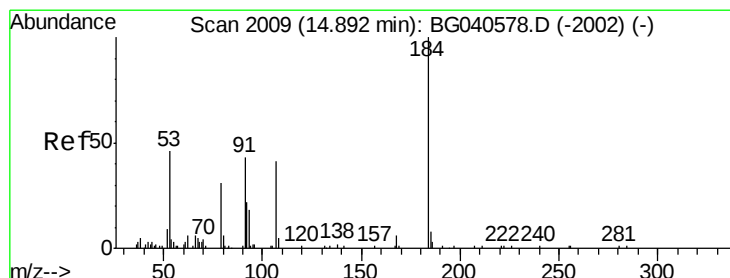
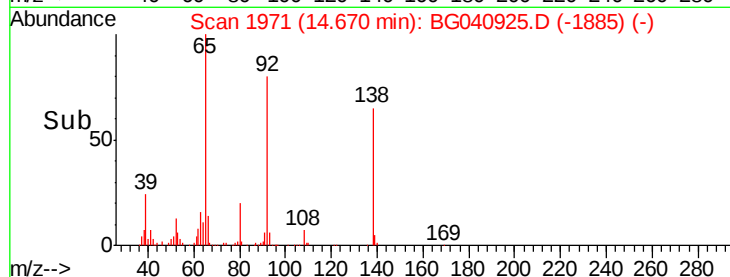
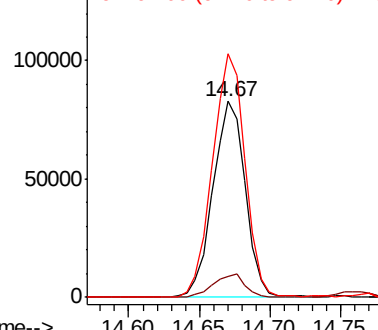


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 35.967 ng

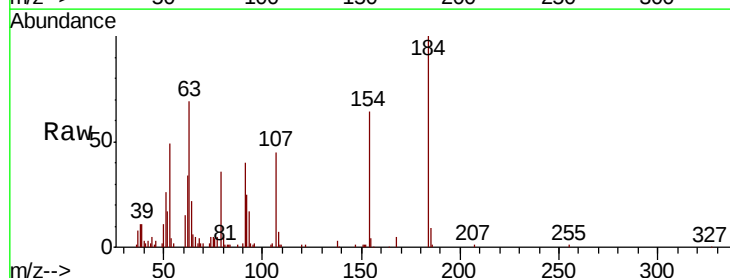
RT: 14.87 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BG040925.D

Acq: 13 May 2019 23:50

Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.1	51.8	77.6
154	64.4	43.6	65.4

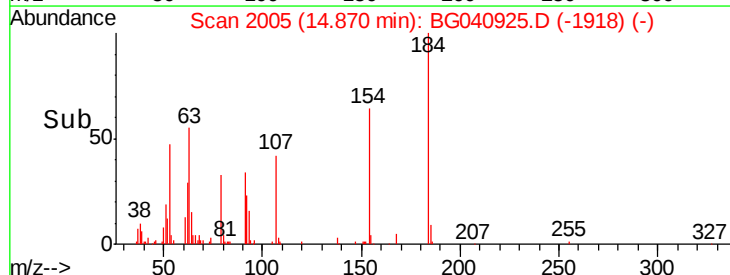
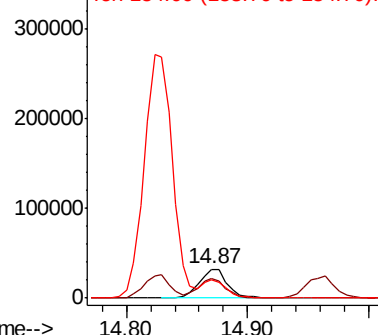


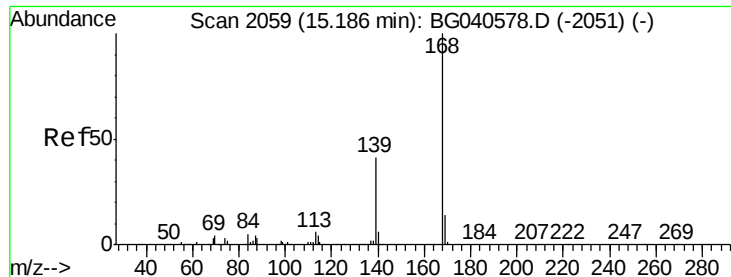
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





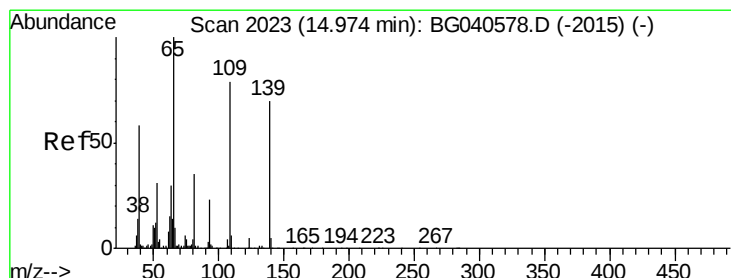
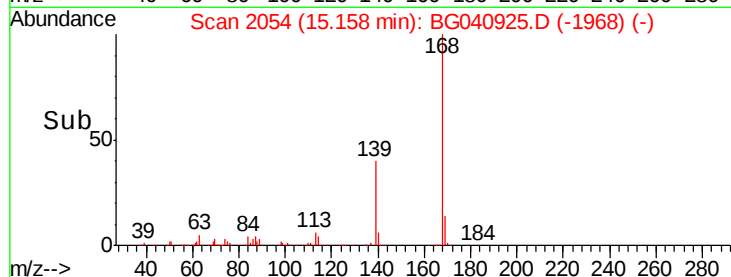
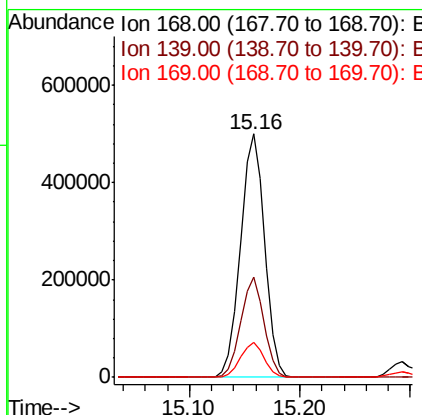
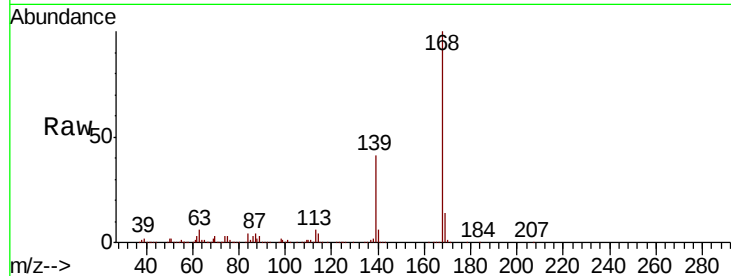
#55
Dibenzenofuran
Concen: 43.067 ng
RT: 15.16 min Scan# 2054
Delta R.T. -0.03 min
Lab File: BG040925.D
Acq: 13 May 2019 23:50

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.9	33.0	49.4
169	14.2	11.0	16.4

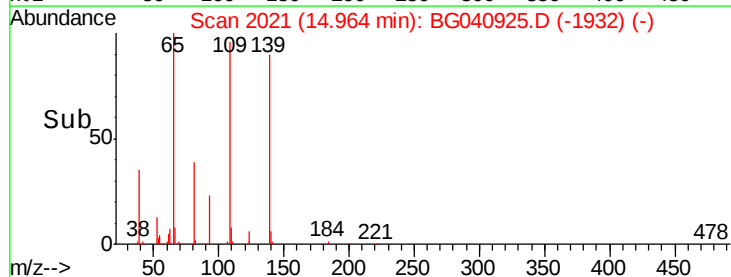
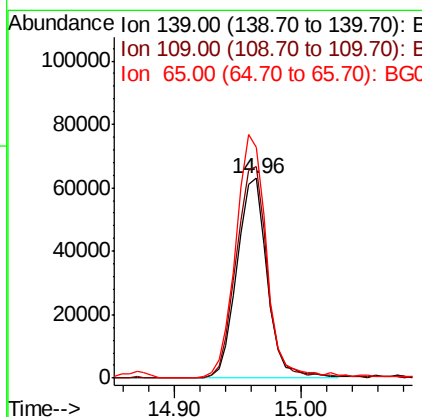
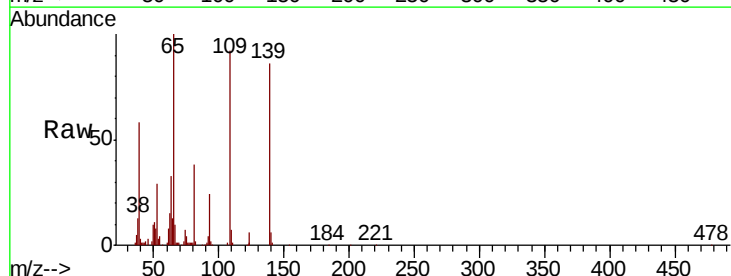
Manual Integrations
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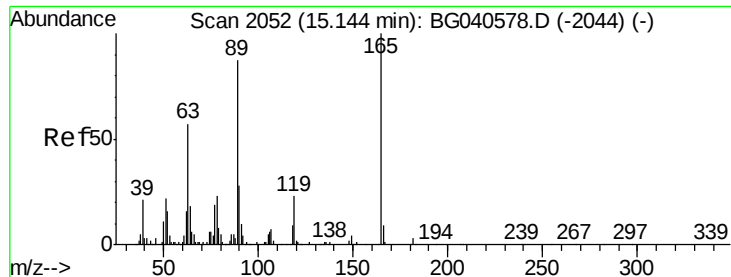
Sohil
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#56
4-Nitrophenol
Concen: 39.836 ng
RT: 14.96 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BG040925.D
Acq: 13 May 2019 23:50

Tgt Ion	Ratio	Lower	Upper
139	100		
109	106.0	93.8	133.8
65	115.6	122.7	162.7#





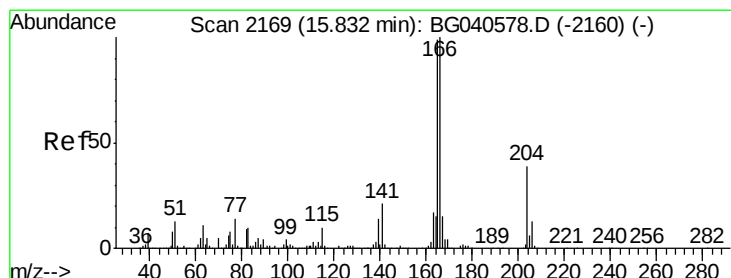
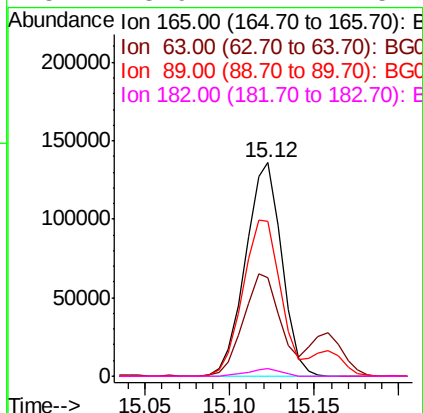
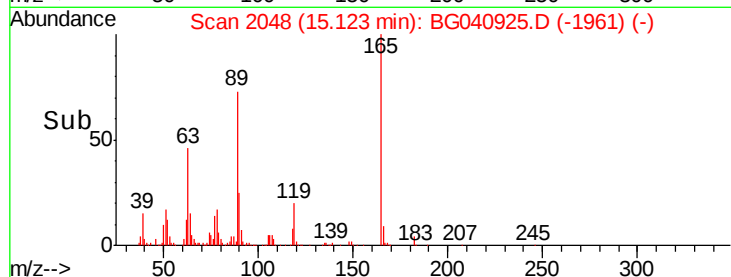
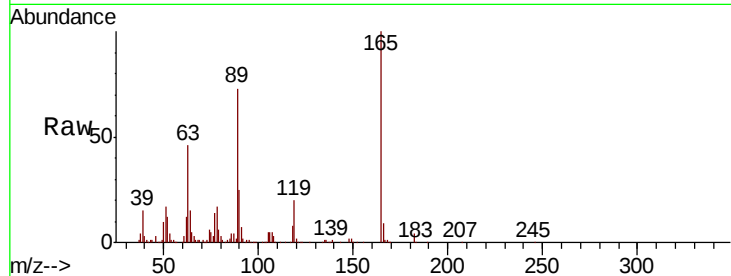
#57
2,4-Dinitrotoluene
Concen: 50.576 ng
RT: 15.12 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BG040925.D
Acq: 13 May 2019 23:50

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		202730		
63	46.3		45.8	68.8	
89	72.7		69.4	104.2	
182	3.9		2.2	3.4#	

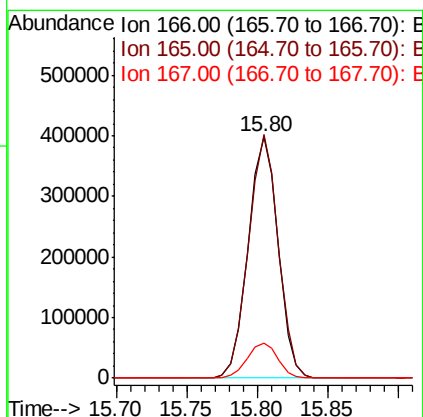
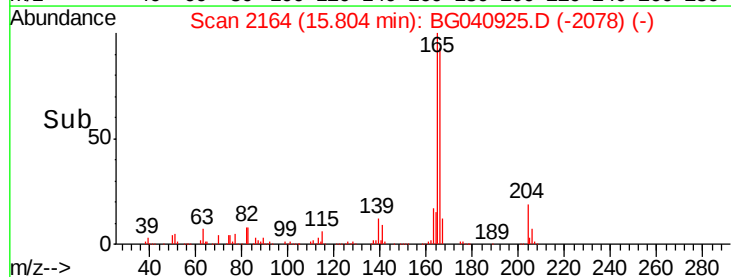
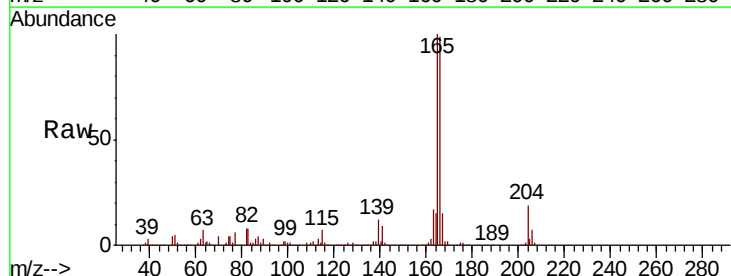
Manual Integrations
APPROVED

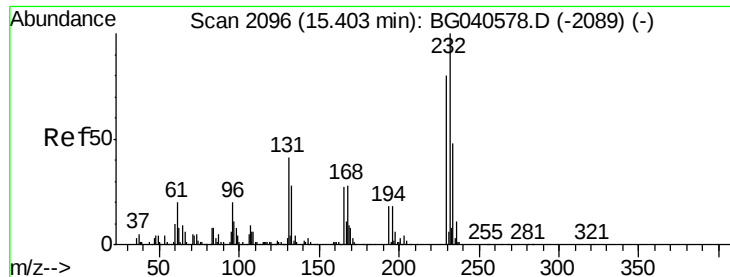
Sohil
5/14/2019 8:04:45 PM



#58
Fluorene
Concen: 41.485 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.03 min
Lab File: BG040925.D
Acq: 13 May 2019 23:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		595628		
165	100.9		79.6	119.4	
167	14.7		12.2	18.2	





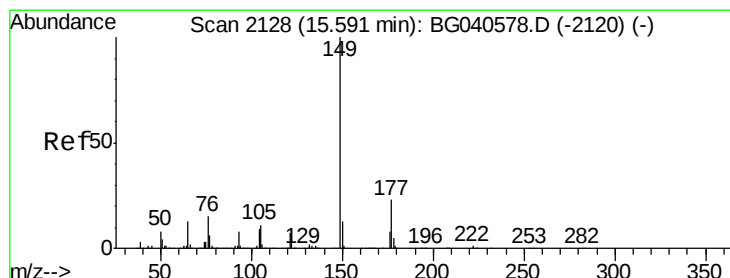
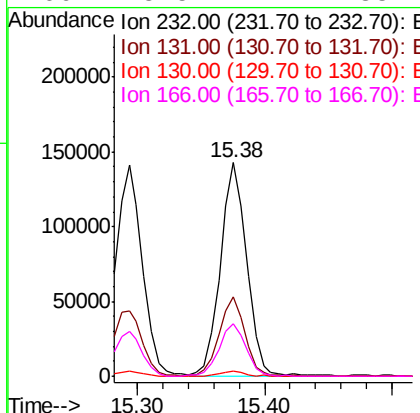
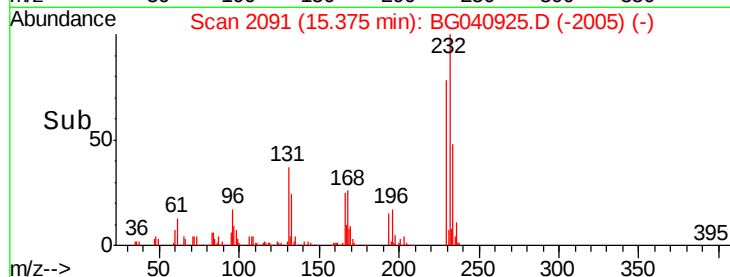
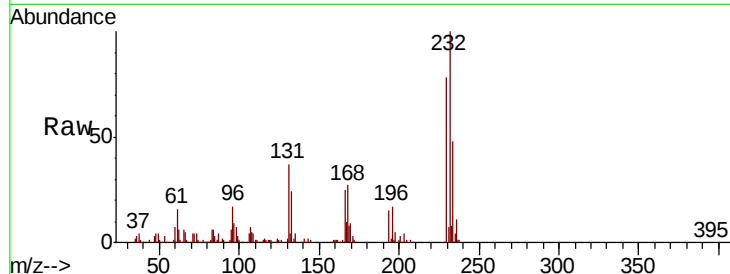
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.916 ng
RT: 15.38 min Scan# 2091
Delta R.T. -0.03 min
Lab File: BG040925.D
Acq: 13 May 2019 23:50

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		204741		
131	35.9	33.0	49.4		
130	2.4	2.0	3.0		
166	25.5	22.1	33.1		

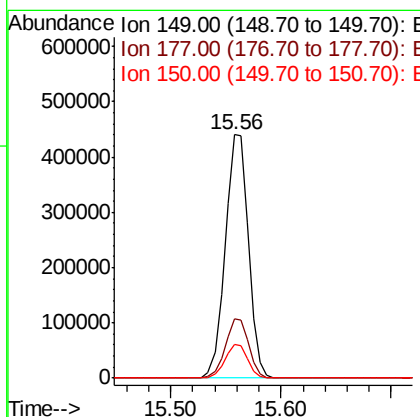
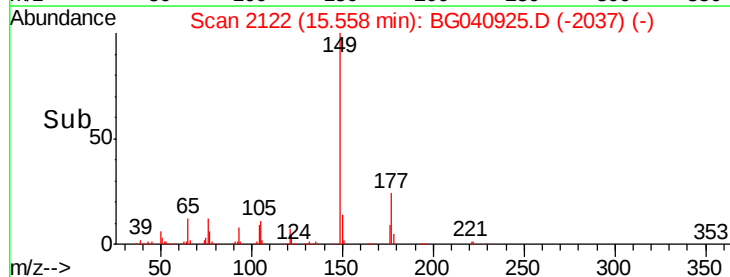
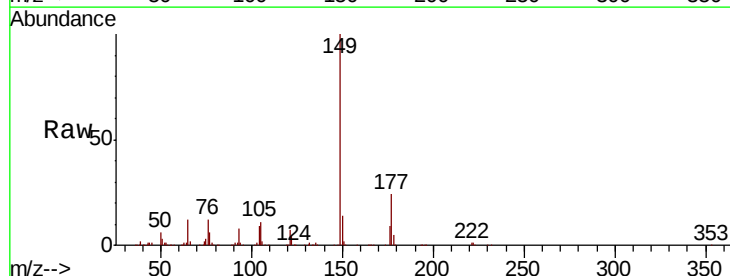
Manual Integrations
APPROVED

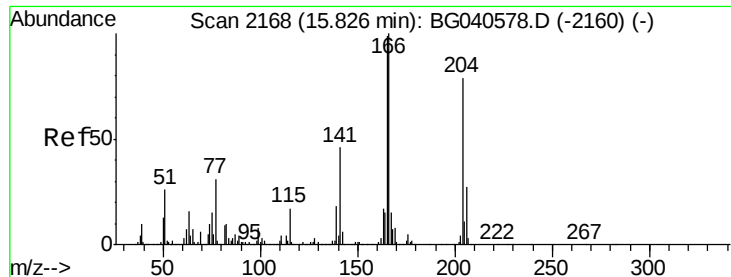
Sohil
5/14/2019 8:04:45 PM



#60
Diethylphthalate
Concen: 40.403 ng
RT: 15.56 min Scan# 2122
Delta R.T. -0.03 min
Lab File: BG040925.D
Acq: 13 May 2019 23:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		644309		
177	24.2	18.5	27.7		
150	14.0	10.2	15.4		





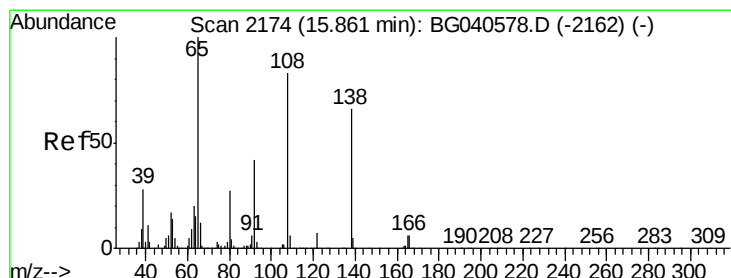
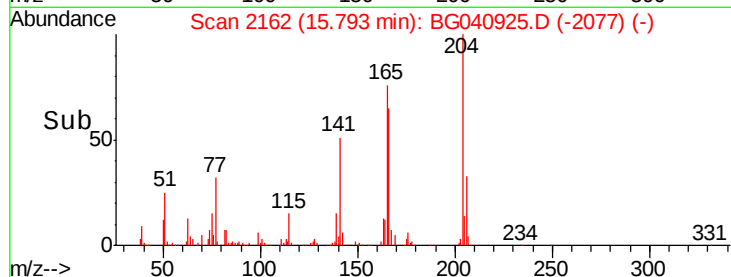
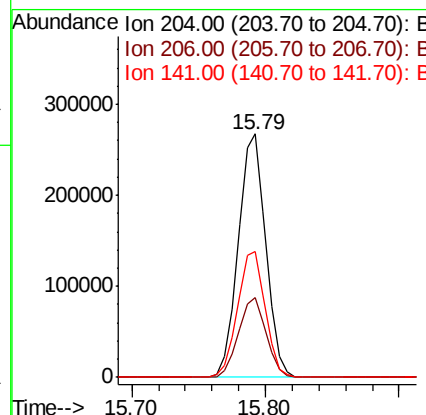
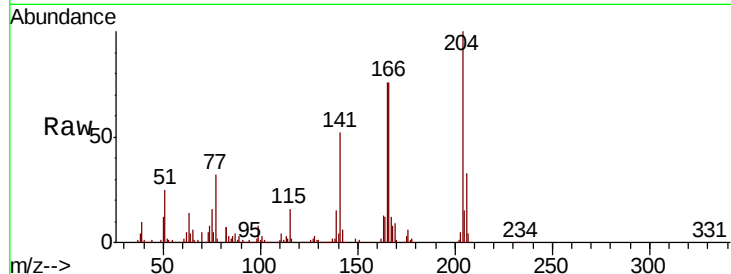
#61
4-Chlorophenyl-phenylether
Concen: 45.586 ng
RT: 15.79 min Scan# 2162
Delta R.T. -0.03 min
Lab File: BG040925.D
Acq: 13 May 2019 23:50

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
204	100	380665		
206	32.9	27.4	41.2	
141	51.7	46.0	69.0	

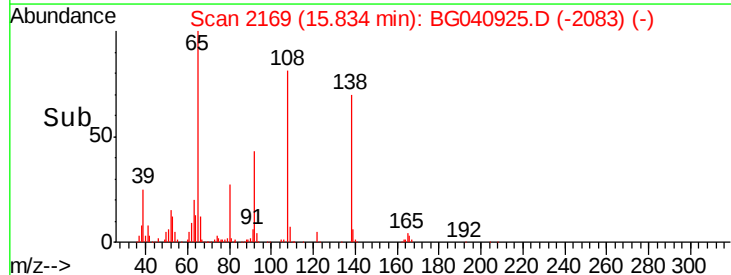
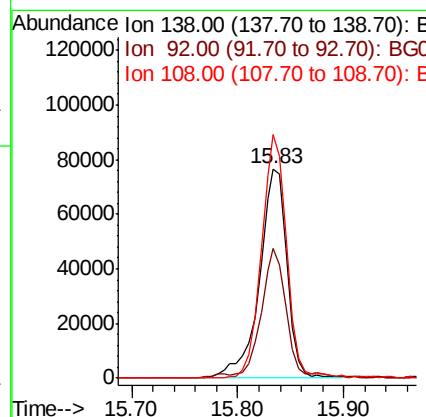
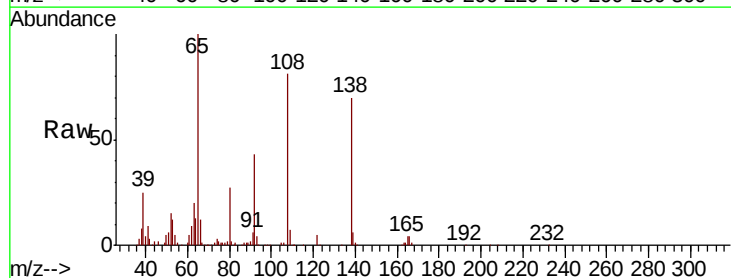
Manual Integrations
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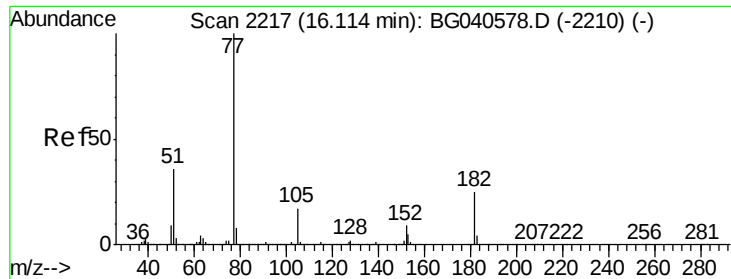
Sohil
5/14/2019 8:04:45 PM



#62
4-Nitroaniline
Concen: 41.430 ng
RT: 15.83 min Scan# 2169
Delta R.T. -0.03 min
Lab File: BG040925.D
Acq: 13 May 2019 23:50

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	140076		
92	61.8	43.9	83.9	
108	116.2	106.5	146.5	





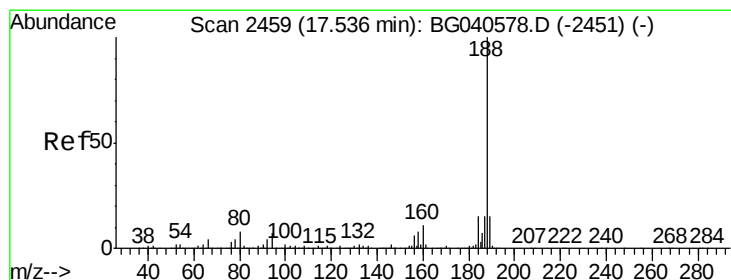
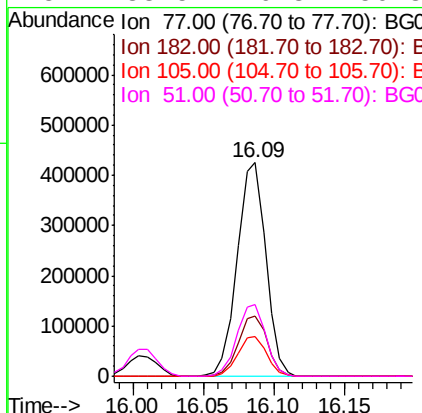
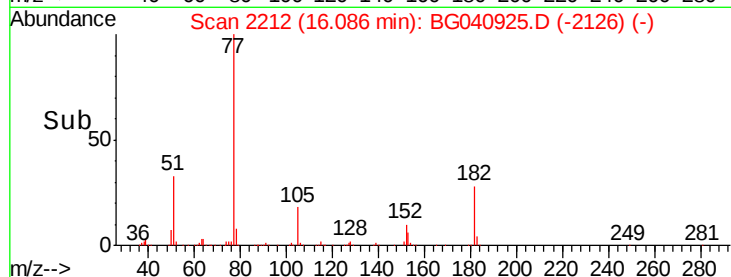
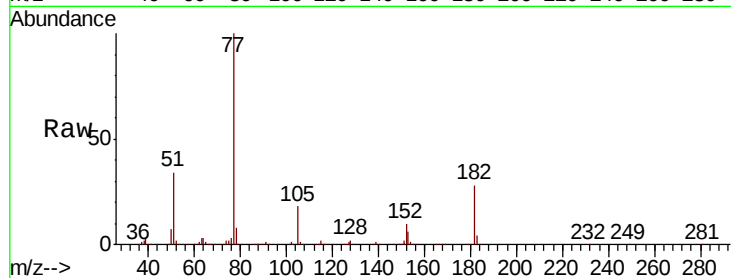
#63
Azobenzene
Concen: 36.762 ng
RT: 16.09 min Scan# 2212
Delta R.T. -0.03 min
Lab File: BG040925.D
Acq: 13 May 2019 23:50

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.4	5.0	45.0
105	18.5	0.0	37.6
51	33.5	16.3	56.3

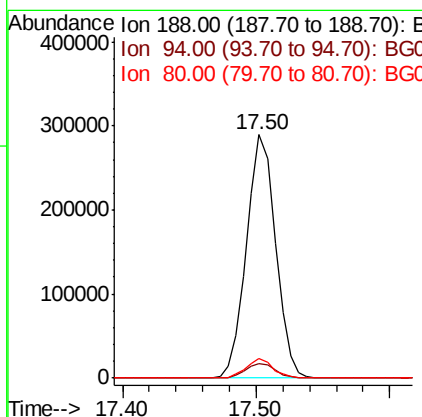
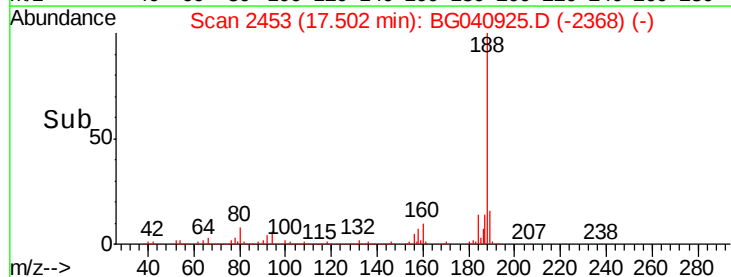
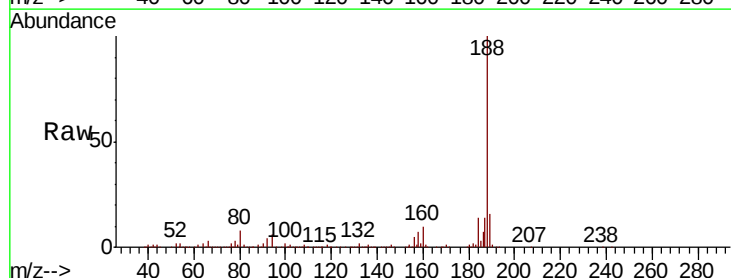
Manual Integrations
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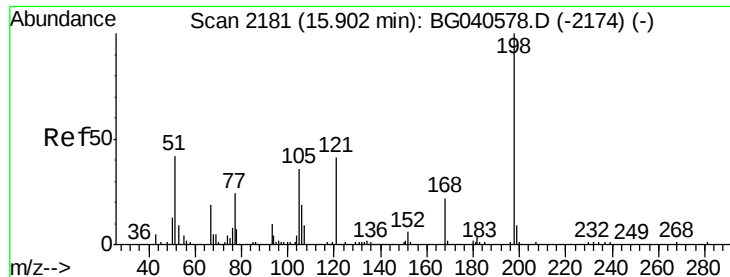
Sohil
5/14/2019 8:04:45 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.03 min
Lab File: BG040925.D
Acq: 13 May 2019 23:50

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.0	5.6	8.4
80	7.8	6.4	9.6





#65

4,6-Dinitro-2-methylphenol

Concen: 46.753 ng

RT: 15.87 min Scan# 2176

Delta R.T. -0.03 min

Lab File: BG040925.D

Acq: 13 May 2019 23:50

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:198 Resp: 99805

Ion Ratio Lower Upper

198 100

51 44.2 35.9 75.9

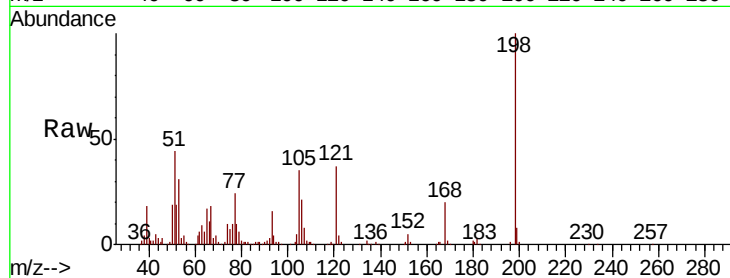
105 35.2 21.2 61.2

Manual Integrations

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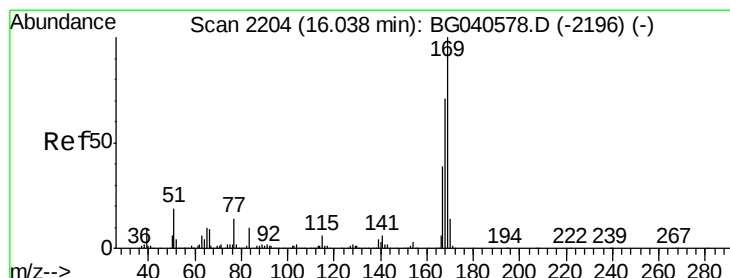
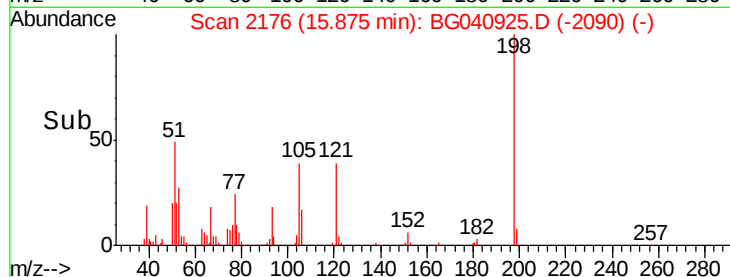
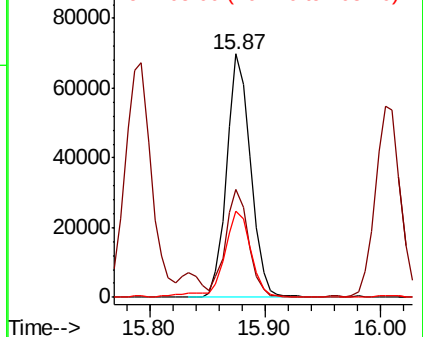
5/14/2019 8:04:45 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG040925.D (-2174) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.700 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.03 min

Lab File: BG040925.D

Acq: 13 May 2019 23:50

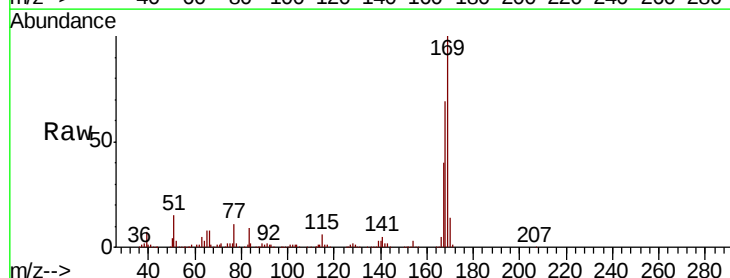
Tgt Ion:169 Resp: 534011

Ion Ratio Lower Upper

169 100

168 69.2 56.8 85.2

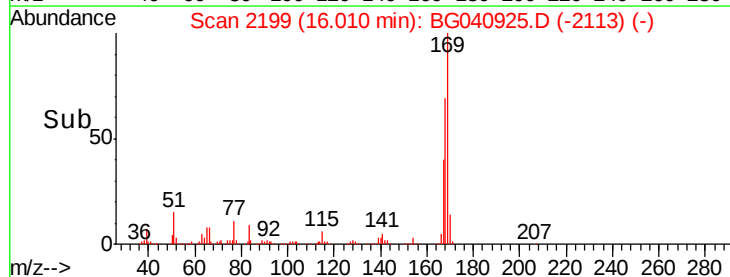
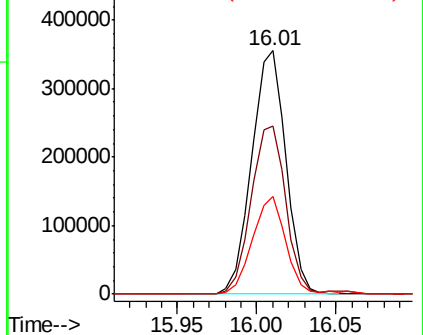
167 39.9 31.4 47.0

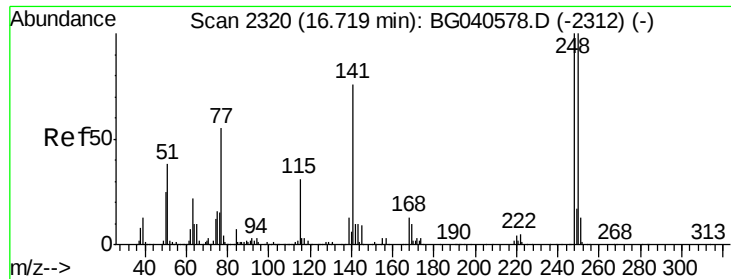


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





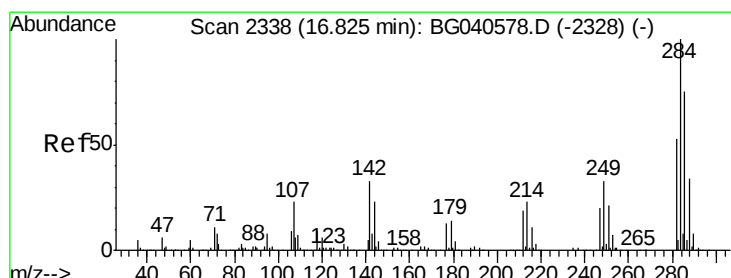
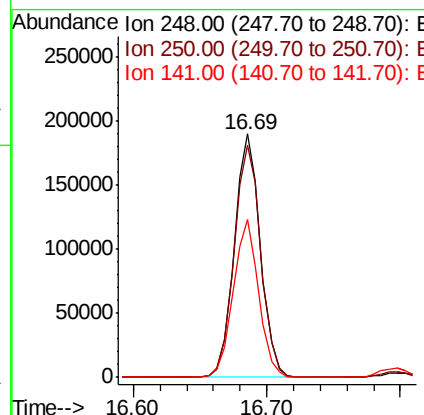
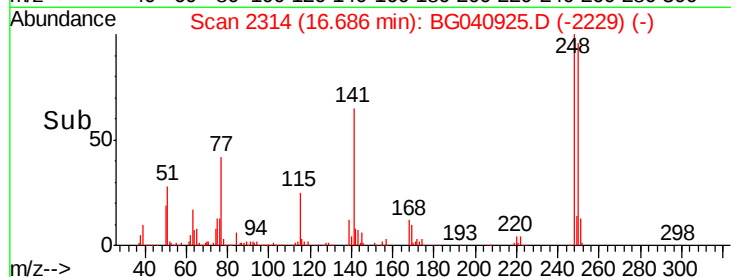
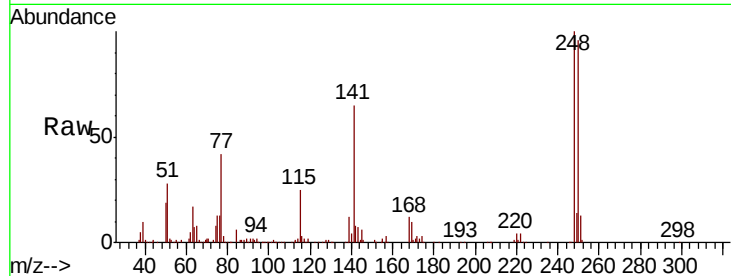
#67
4-Bromophenyl-phenylether
Concen: 47.458 ng
RT: 16.69 min Scan# 2314
Delta R.T. -0.03 min
Lab File: BG040925.D
Acq: 13 May 2019 23:50

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.6	79.8	119.6
141	64.8	60.8	91.2

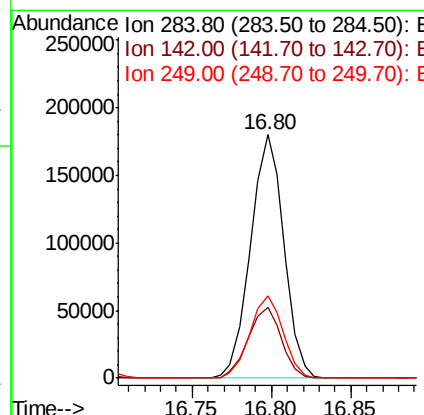
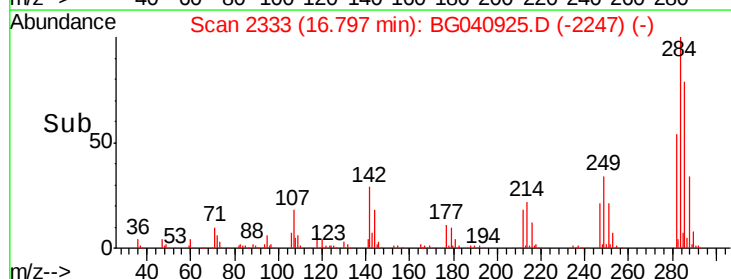
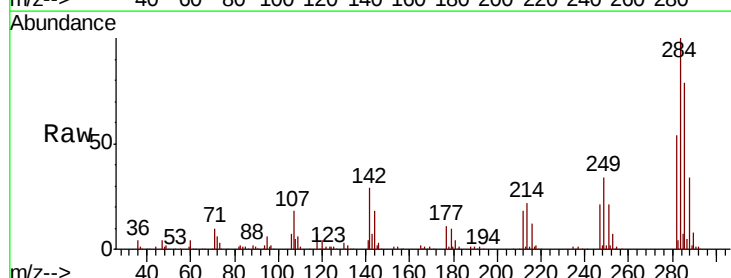
Manual Integrations
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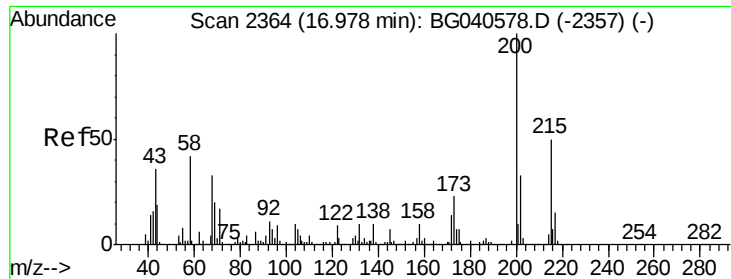
Sohil
5/14/2019 8:04:45 PM



#68
Hexachlorobenzene
Concen: 46.727 ng
RT: 16.80 min Scan# 2333
Delta R.T. -0.03 min
Lab File: BG040925.D
Acq: 13 May 2019 23:50

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.1	26.6	40.0
249	33.6	26.0	39.0





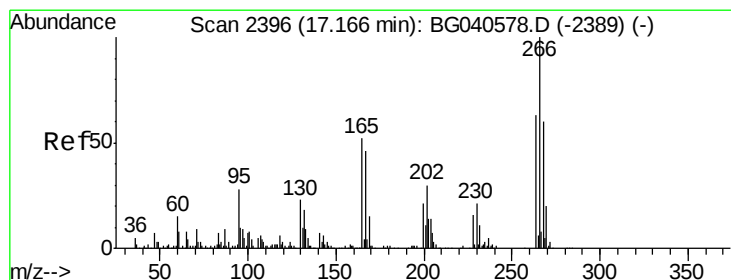
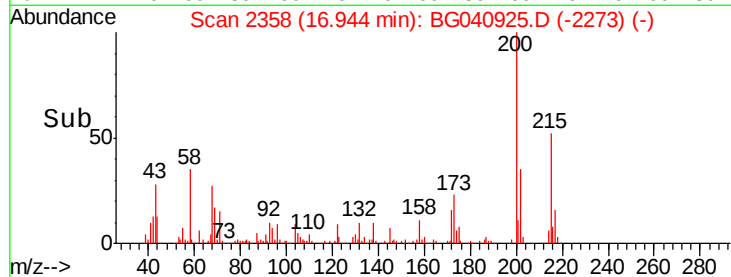
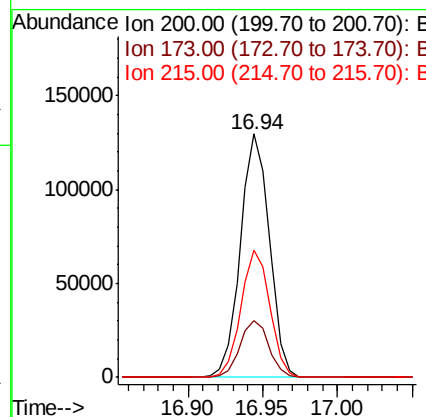
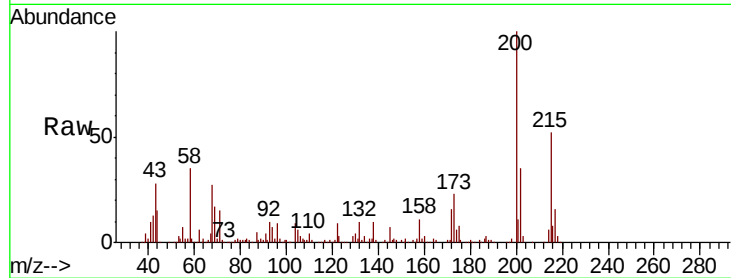
#69
Atrazine
 Concen: 34.553 ng
 RT: 16.94 min Scan# 2358
 Delta R.T. -0.03 min
 Lab File: BG040925.D
 Acq: 13 May 2019 23:50

Instrument :
 BNA_G
 ClientSampleID :
 SSTDCCC040EC

Tot Ion:	200	Resp:	175314
Ion Ratio	Lower	Upper	
200	100		
173	23.3	2.8	42.8
215	52.3	30.2	70.2

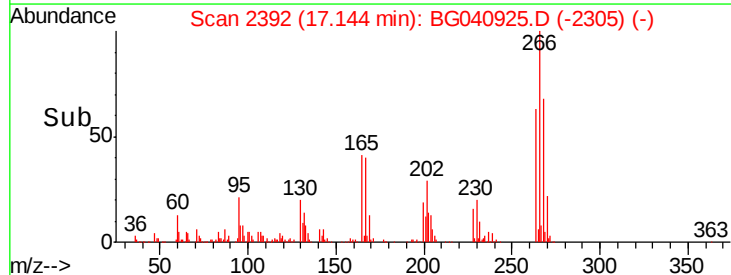
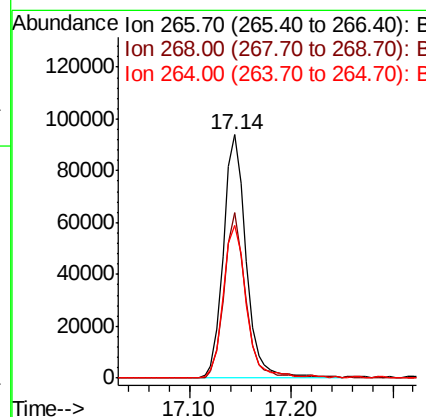
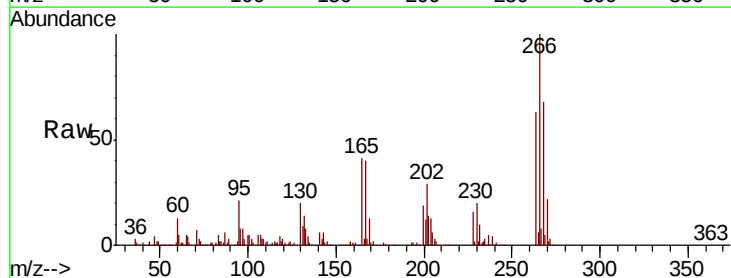
Manual Integrations
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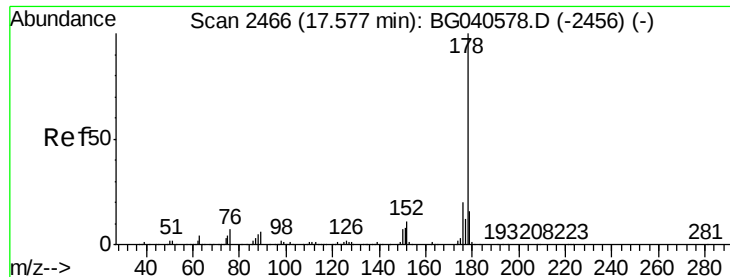
Sohil
 5/14/2019 8:04:45 PM



#70
Pentachlorophenol
 Concen: 44.914 ng
 RT: 17.14 min Scan# 2392
 Delta R.T. -0.02 min
 Lab File: BG040925.D
 Acq: 13 May 2019 23:50

Tgt Ion:	266	Resp:	147370
Ion Ratio	Lower	Upper	
266	100		
268	67.7	52.3	78.5
264	63.0	50.0	75.0





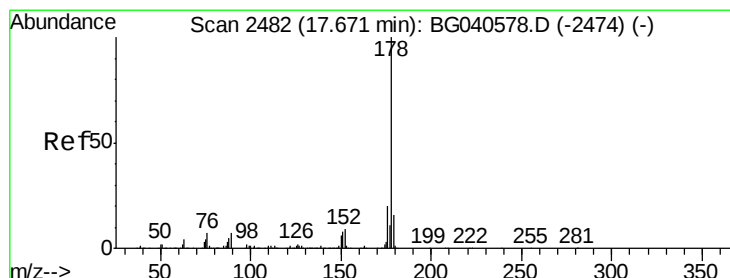
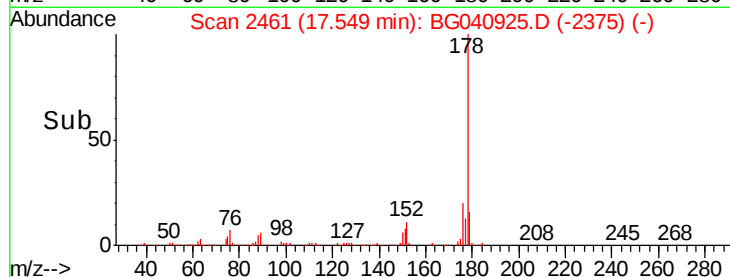
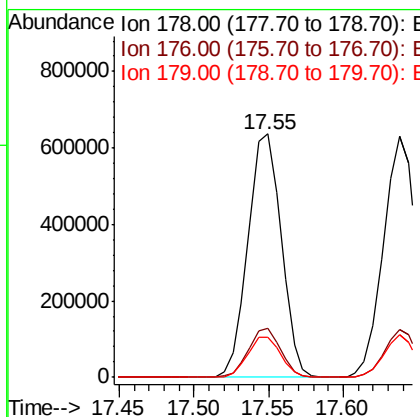
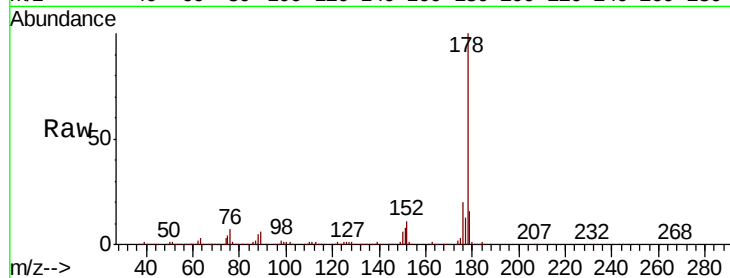
#71
Phenanthrene
Concen: 41.941 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.03 min
Lab File: BG040925.D
Acq: 13 May 2019 23:50

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.6
179	16.2	12.6	18.8

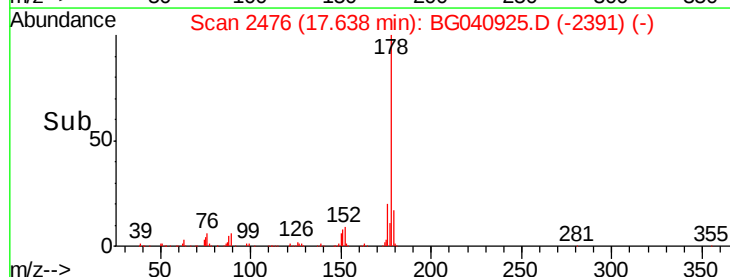
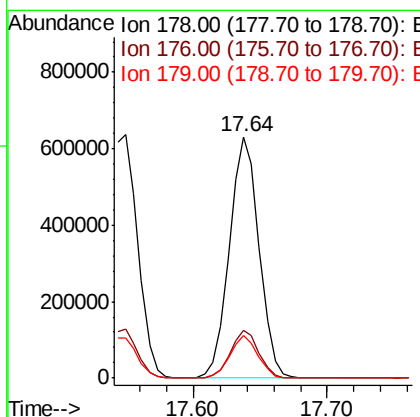
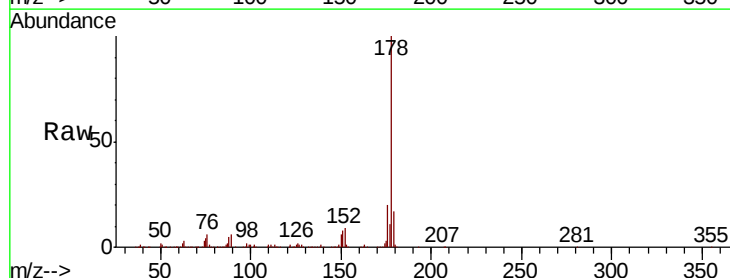
Manual Integrations
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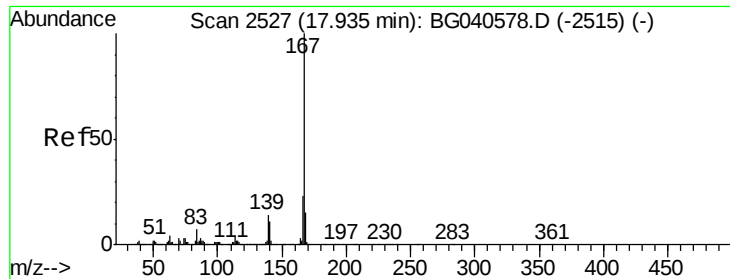
Sohil
5/14/2019 8:04:45 PM



#72
Anthracene
Concen: 41.193 ng
RT: 17.64 min Scan# 2476
Delta R.T. -0.03 min
Lab File: BG040925.D
Acq: 13 May 2019 23:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.6	23.4
179	17.5	12.9	19.3





#73

Carbazole

Concen: 39.436 ng

RT: 17.91 min Scan# 2522

Delta R.T. -0.03 min

Lab File: BG040925.D

Acq: 13 May 2019 23:50

Instrument :

BNA_G

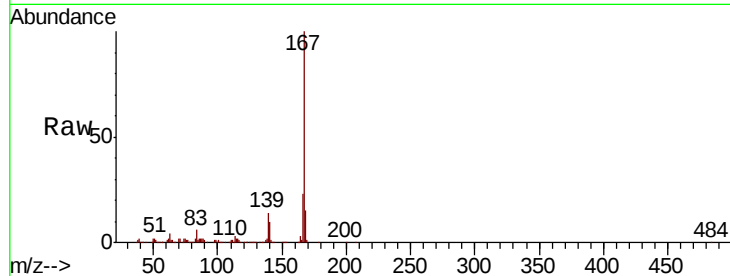
ClientSampleId :

SSTDCCC040EC

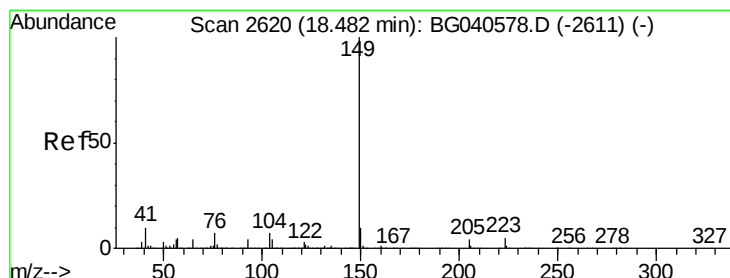
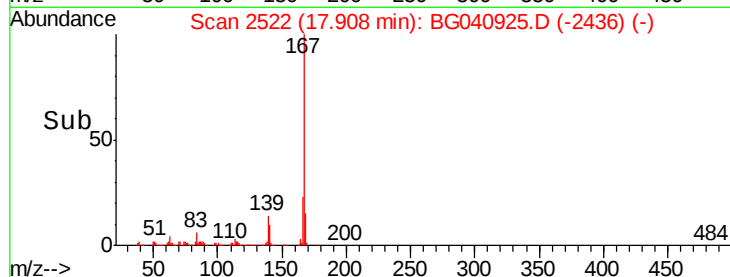
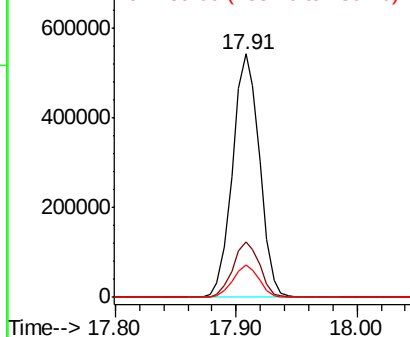
Tot Ion:	167	Resp:	846705
Ion Ratio	Lower	Upper	
167	100		
166	22.6	18.2	27.4
139	13.6	11.4	17.0

Manual Integrations
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5/14/2019 8:04:45 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: 39.369 ng

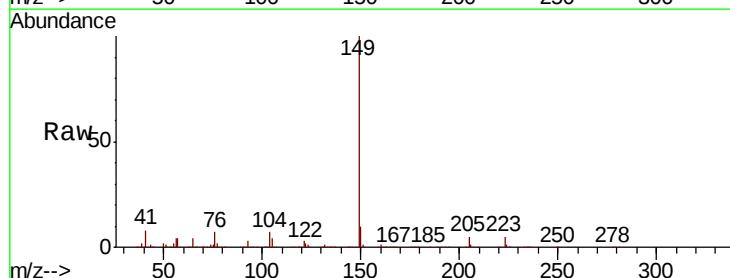
RT: 18.44 min Scan# 2613

Delta R.T. -0.04 min

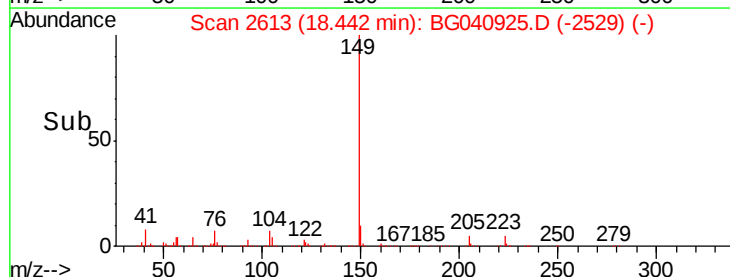
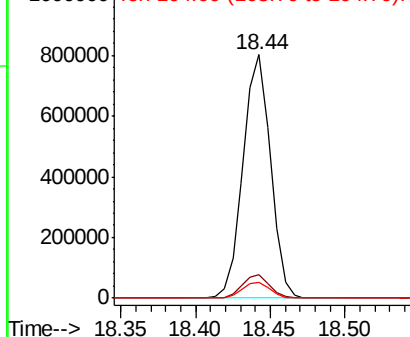
Lab File: BG040925.D

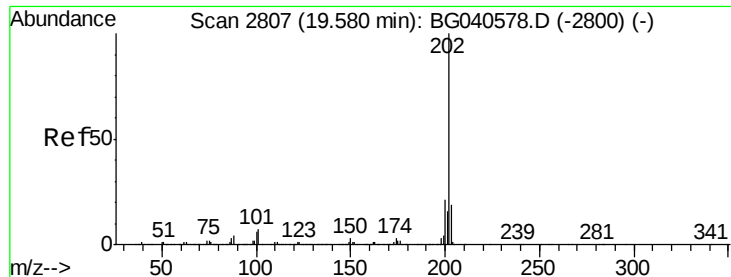
Acq: 13 May 2019 23:50

Tgt Ion:	149	Resp:	1020224
Ion Ratio	Lower	Upper	
149	100		
150	9.7	8.2	12.2
104	6.6	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: 41.482 ng

RT: 19.55 min Scan# 2801

Delta R.T. -0.03 min

Lab File: BG040925.D

Acq: 13 May 2019 23:50

Instrument :

BNA_G

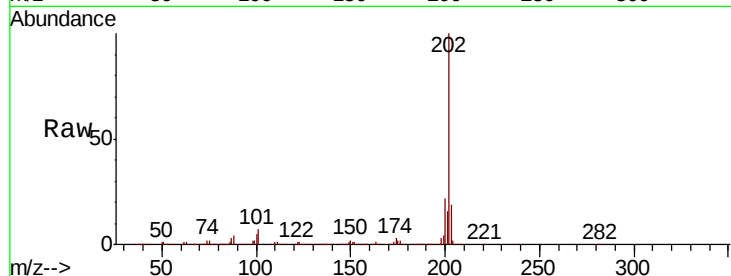
ClientSampleId :

SSTDCCC040EC

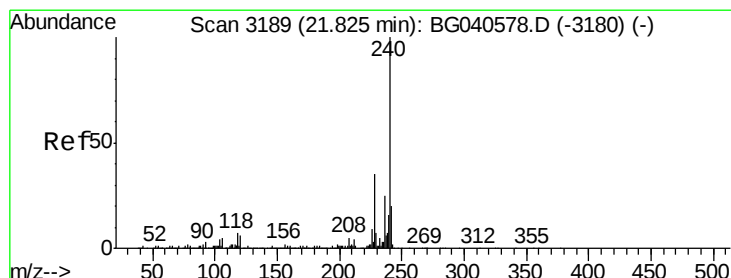
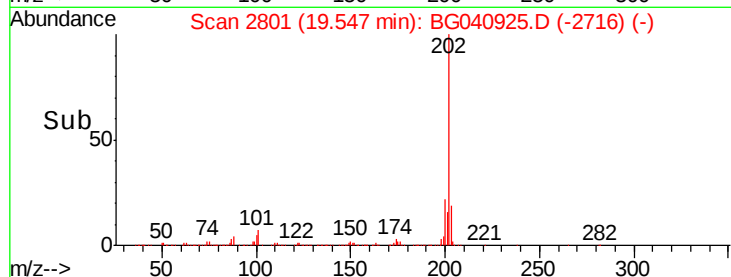
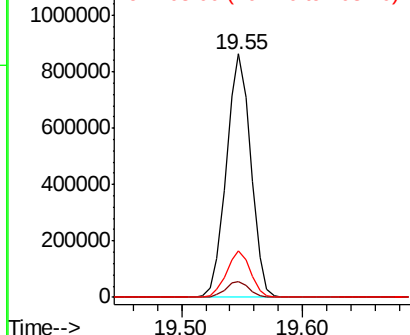
Tot Ion:	202	Resp:	1211921
Ion Ratio	Lower	Upper	
202	100		
101	6.7	0.0	27.5
203	18.9	0.0	39.3

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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# 3182

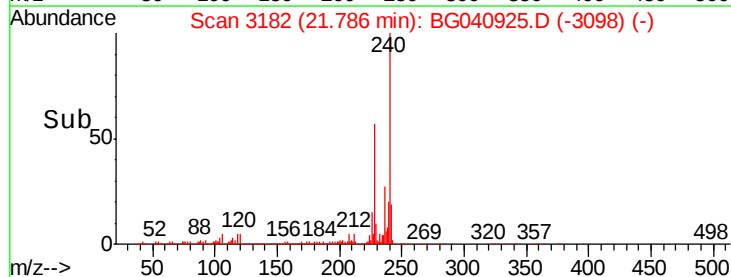
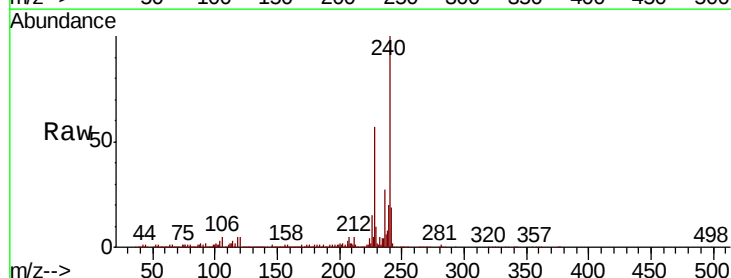
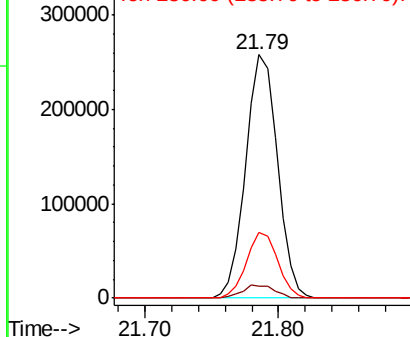
Delta R.T. -0.04 min

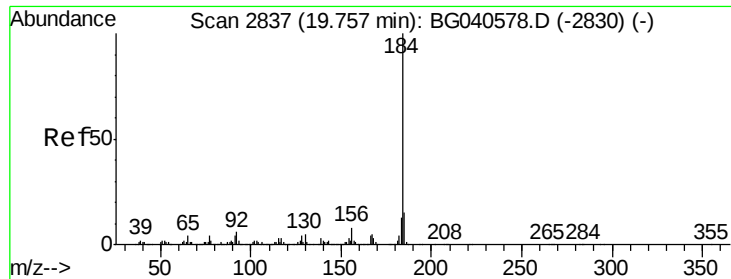
Lab File: BG040925.D

Acq: 13 May 2019 23:50

Tgt Ion:	240	Resp:	424192
Ion Ratio	Lower	Upper	
240	100		
120	4.9	5.0	7.6#
236	27.0	20.3	30.5

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





#77

Benzidine

Concen: 34.059 ng

RT: 19.73 min Scan# 2832

Delta R.T. -0.03 min

Lab File: BG040925.D

Acq: 13 May 2019 23:50

Instrument :

BNA_G

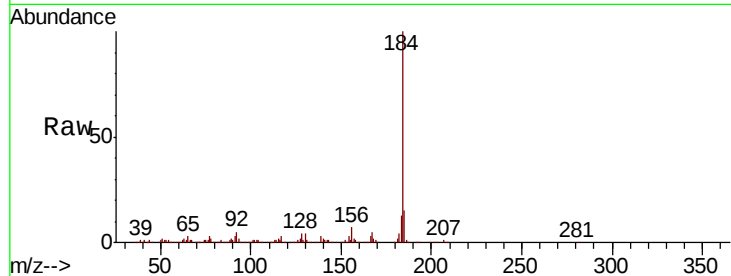
ClientSampleId :

SSTDCCC040EC

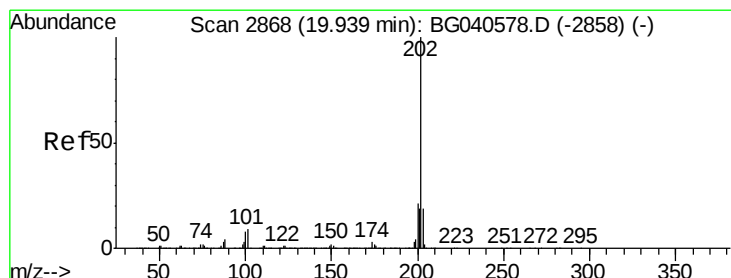
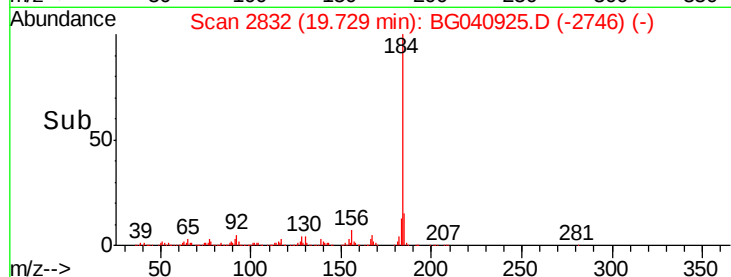
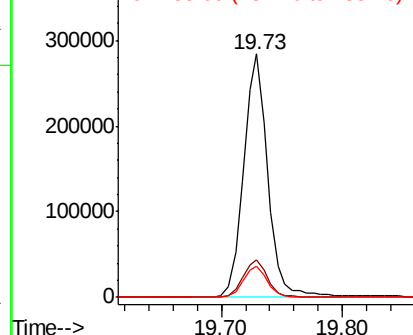
Tot Ion:	184	Resp:	395586
Ion Ratio	Lower	Upper	
184	100		
185	15.4	11.8	17.8
183	12.7	10.2	15.2

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



#78

Pyrene

Concen: 45.757 ng

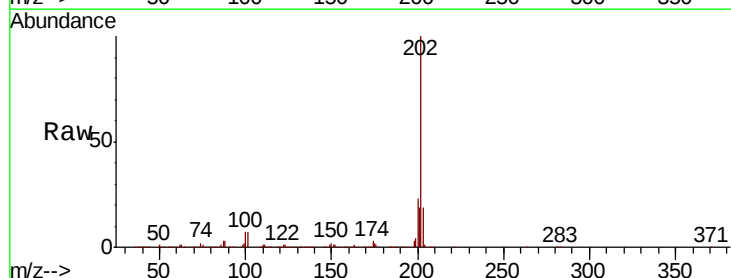
RT: 19.91 min Scan# 2863

Delta R.T. -0.03 min

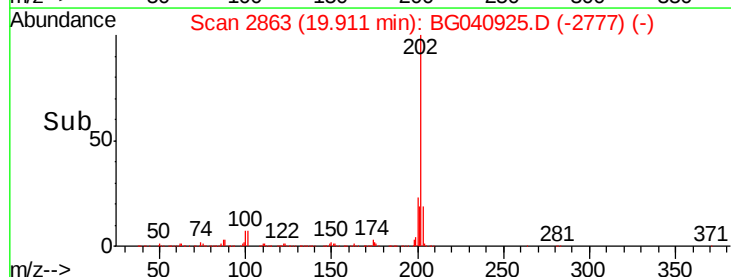
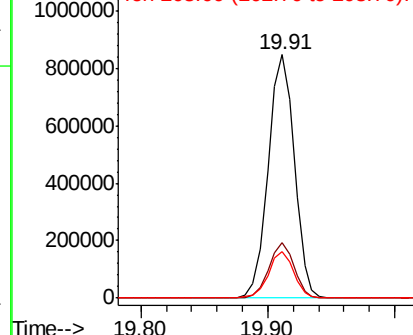
Lab File: BG040925.D

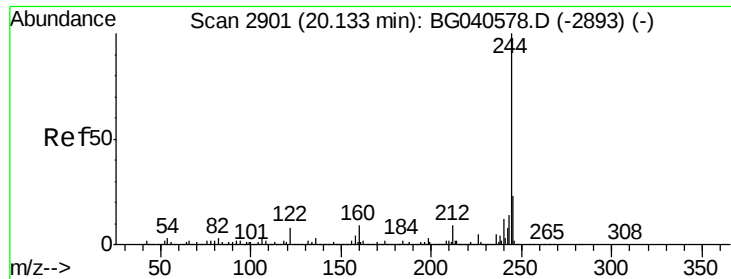
Acq: 13 May 2019 23:50

Tgt Ion:	202	Resp:	1216517
Ion Ratio	Lower	Upper	
202	100		
200	22.6	17.2	25.8
203	19.0	15.0	22.4



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





#79

Terphenyl-d14

Concen: 90.233 ng

RT: 20.10 min Scan# 2895

Delta R.T. -0.03 min

Lab File: BG040925.D

Acq: 13 May 2019 23:50

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:244 Resp: 1727716

Ion Ratio Lower Upper

244 100

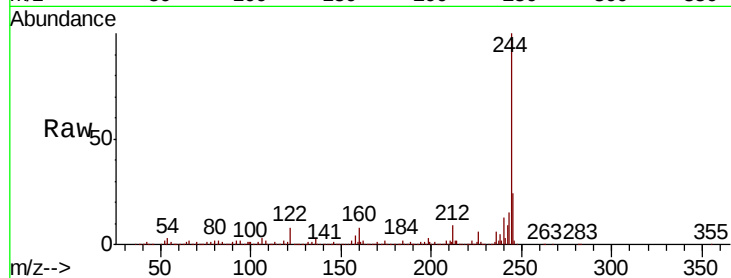
212 9.4 7.2 10.8

122 7.6 6.6 10.0

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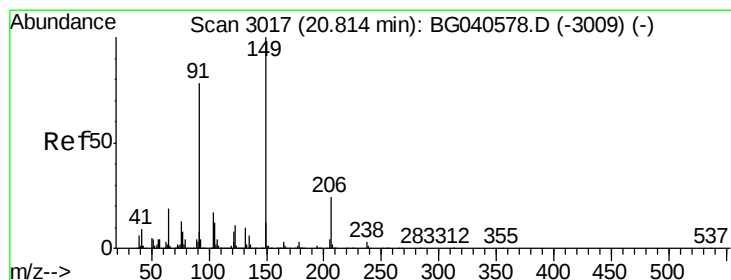
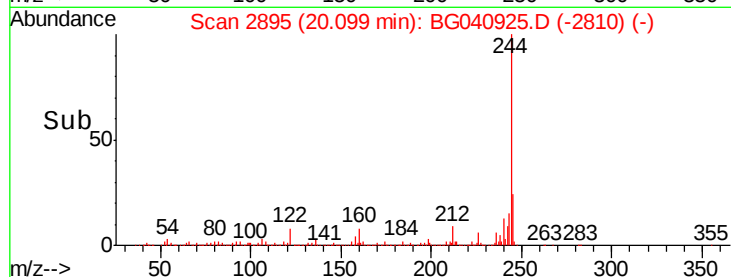
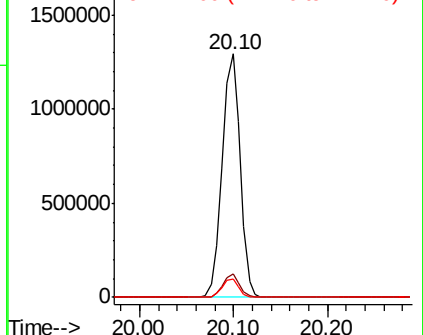
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.538 ng

RT: 20.78 min Scan# 3010

Delta R.T. -0.04 min

Lab File: BG040925.D

Acq: 13 May 2019 23:50

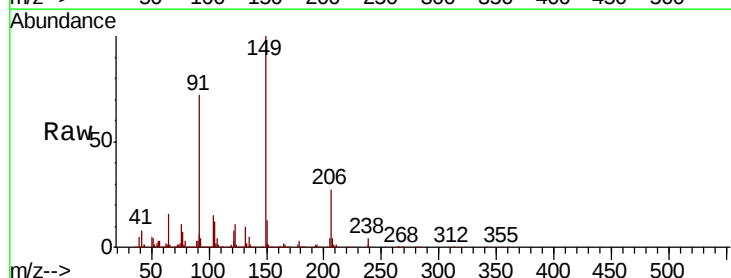
Tgt Ion:149 Resp: 461505

Ion Ratio Lower Upper

149 100

91 72.0 62.6 93.8

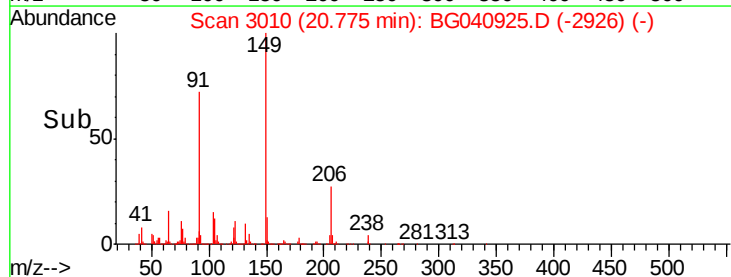
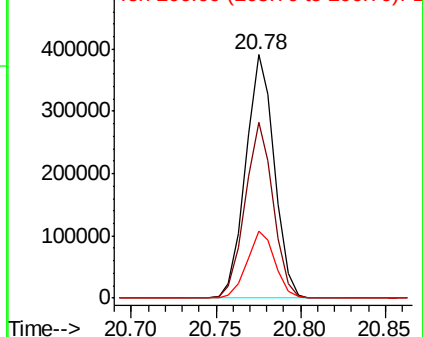
206 27.4 19.4 29.2

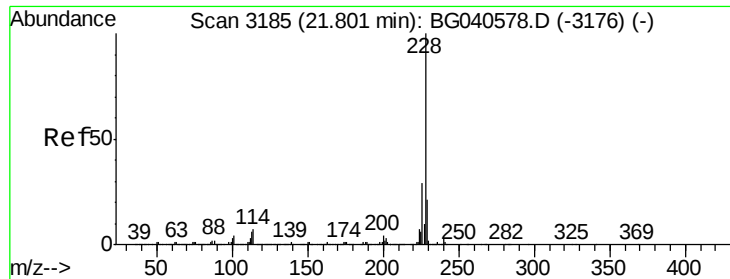


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.417 ng

RT: 21.77 min Scan# 3179

Delta R.T. -0.03 min

Lab File: BG040925.D

Acq: 13 May 2019 23:50

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:228 Resp: 1244393

Ion Ratio Lower Upper

228 100

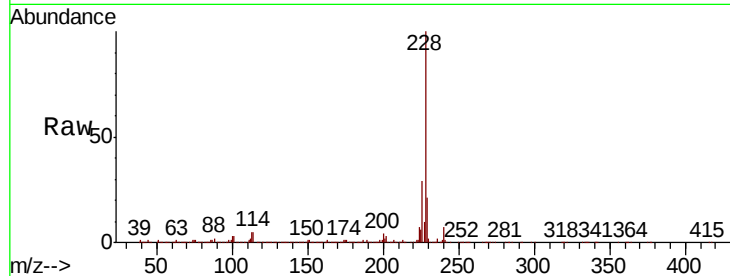
226 29.0 23.1 34.7

229 21.3 17.0 25.4

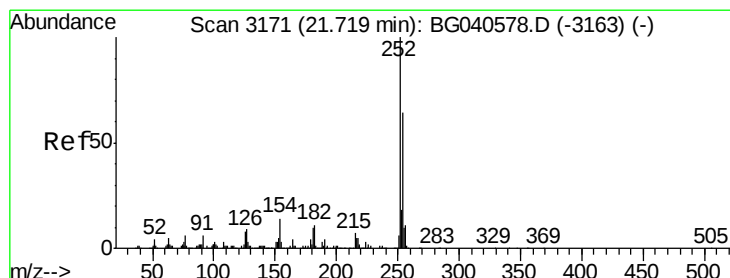
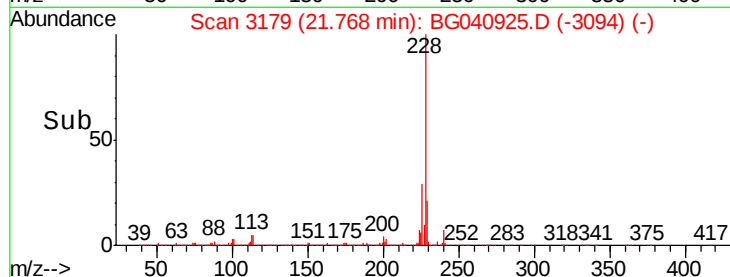
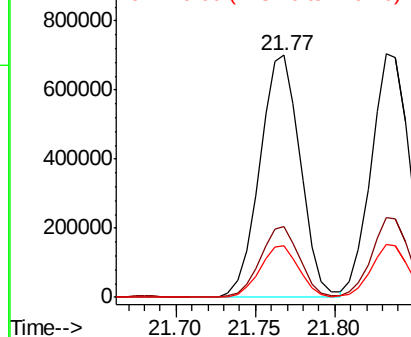
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 45.569 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.04 min

Lab File: BG040925.D

Acq: 13 May 2019 23:50

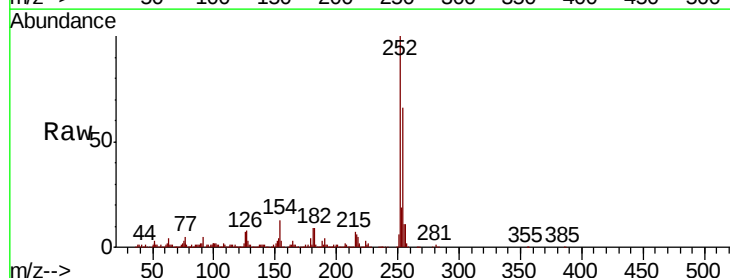
Tgt Ion:252 Resp: 435431

Ion Ratio Lower Upper

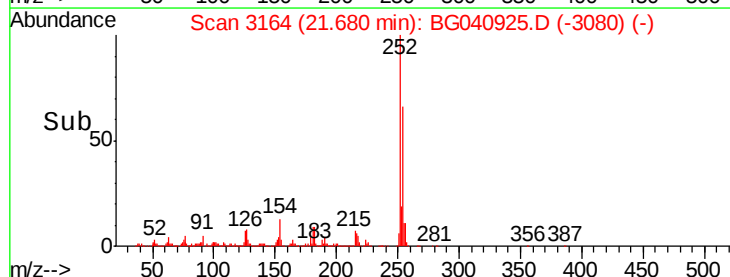
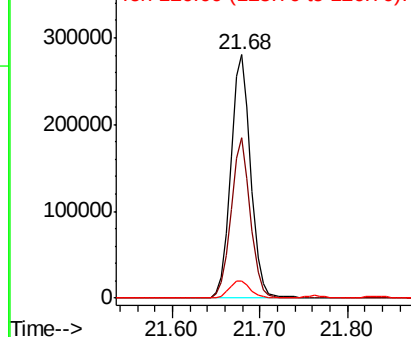
252 100

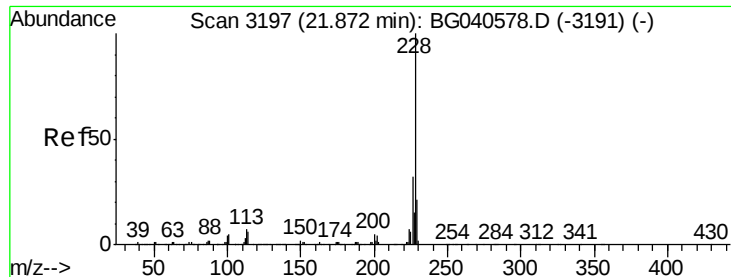
254 65.9 51.2 76.8

126 7.2 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





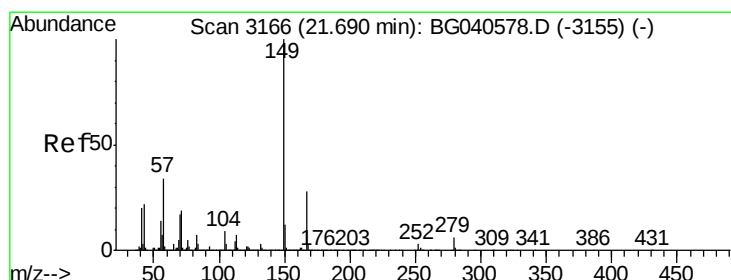
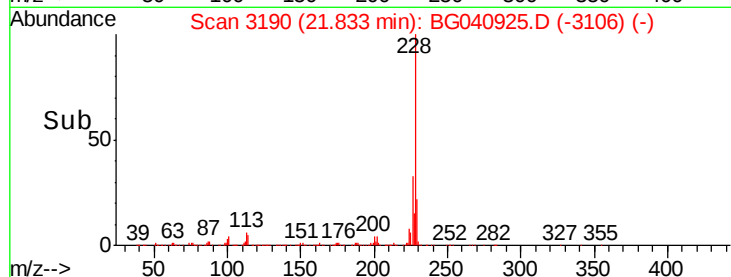
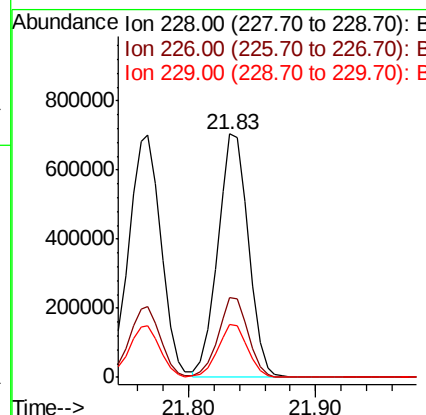
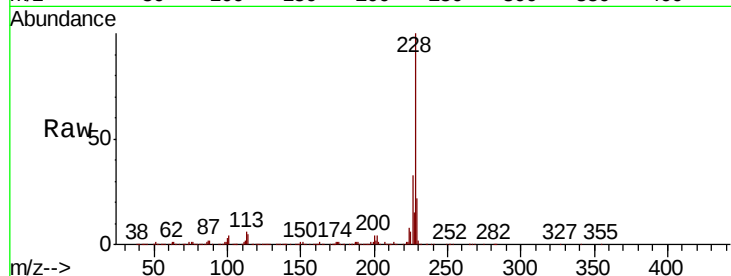
#83
Chrysene
Concen: 46.312 ng
RT: 21.83 min Scan# 3190
Delta R.T. -0.04 min
Lab File: BG040925.D
Acq: 13 May 2019 23:50

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.7	25.5	38.3
229	21.9	16.8	25.2

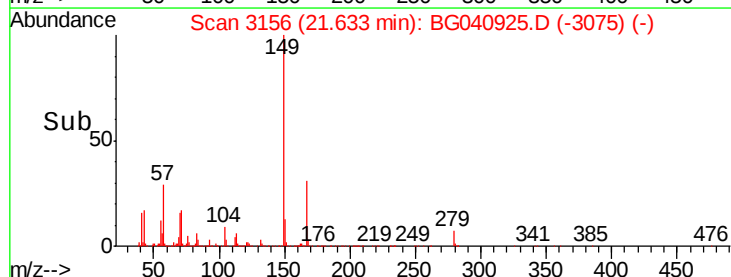
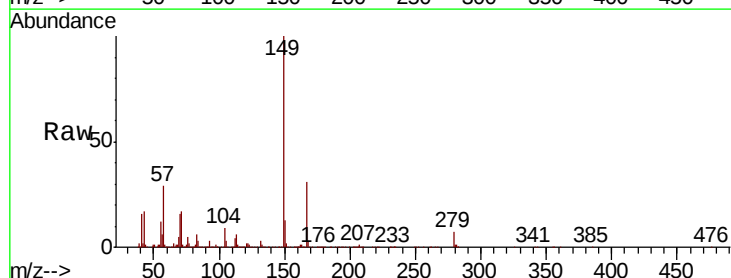
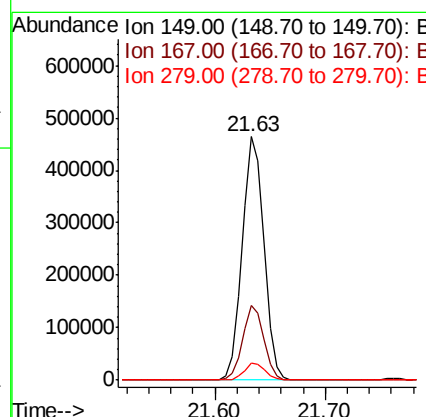
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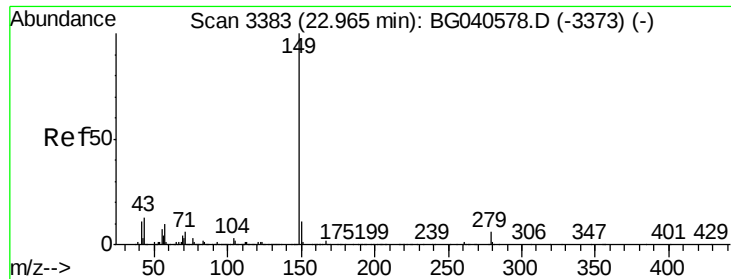
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#84
Bis(2-ethylhexyl)phthalate
Concen: 43.032 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.06 min
Lab File: BG040925.D
Acq: 13 May 2019 23:50

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.6	22.4	33.6
279	6.8	4.6	6.8





#85

Di-n-octyl phthalate

Concen: 43.502 ng

RT: 22.88 min Scan# 3369

Delta R.T. -0.08 min

Lab File: BG040925.D

Acq: 13 May 2019 23:50

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 1095869

Ion Ratio Lower Upper

149 100

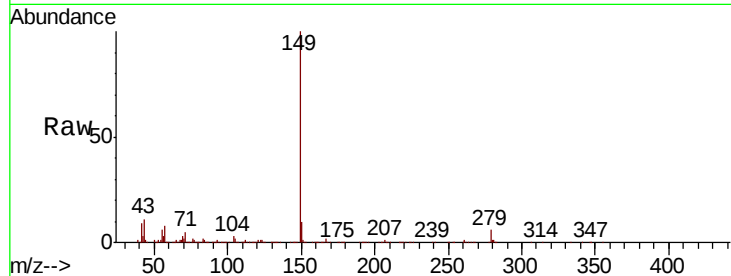
167 1.8 1.4 2.2

43 10.8 10.2 15.2

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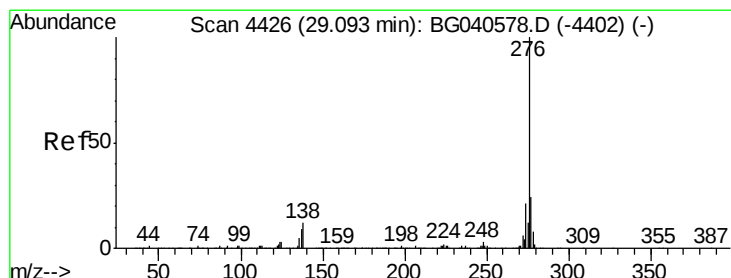
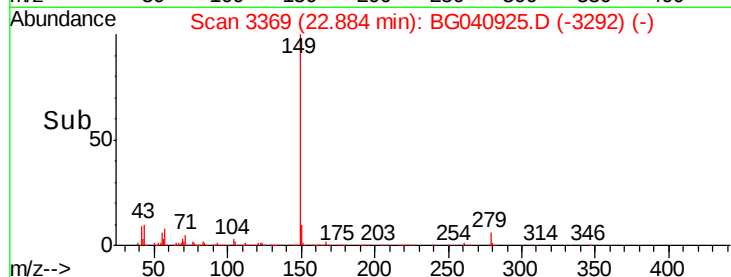
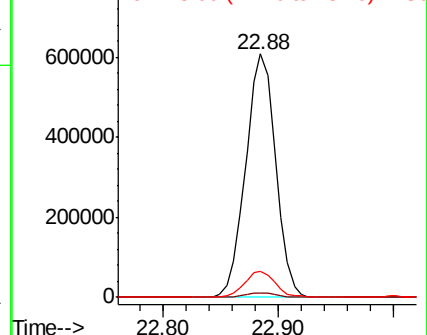


Abundance

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.350 ng

RT: 28.97 min Scan# 4405

Delta R.T. -0.12 min

Lab File: BG040925.D

Acq: 13 May 2019 23:50

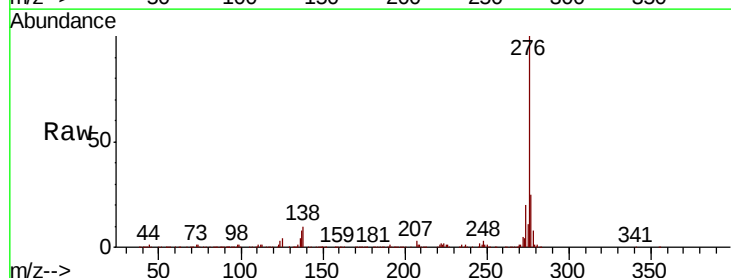
Tgt Ion:276 Resp: 1459623

Ion Ratio Lower Upper

276 100

138 8.8 9.8 14.6#

277 25.9 17.3 25.9

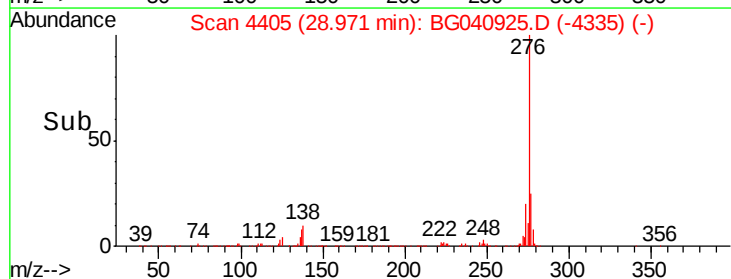
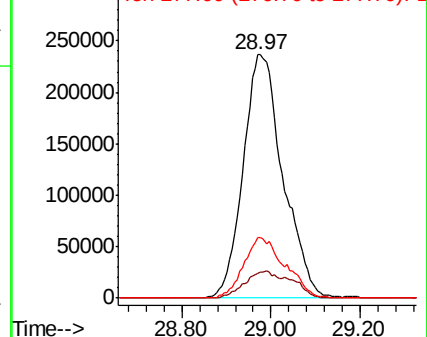


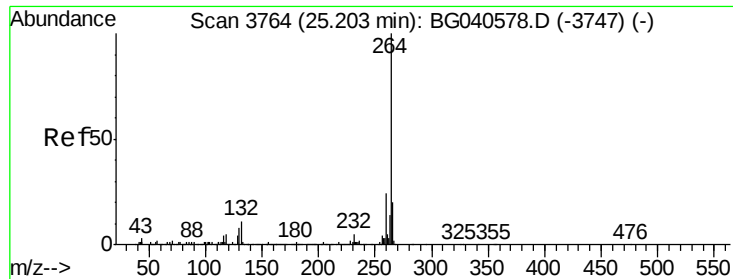
Abundance

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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.13 min Scan# 3751

Delta R.T. -0.07 min

Lab File: BG040925.D

Acq: 13 May 2019 23:50

Instrument :

BNA_G

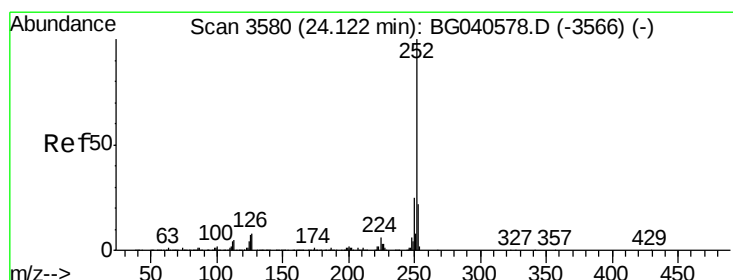
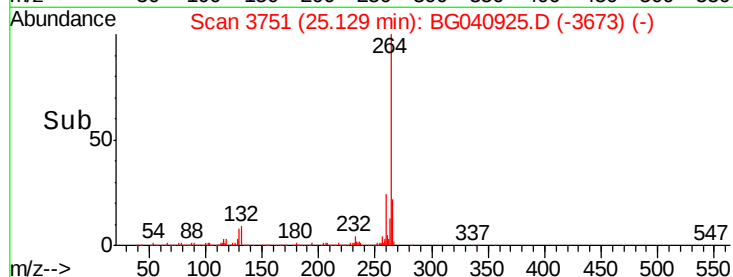
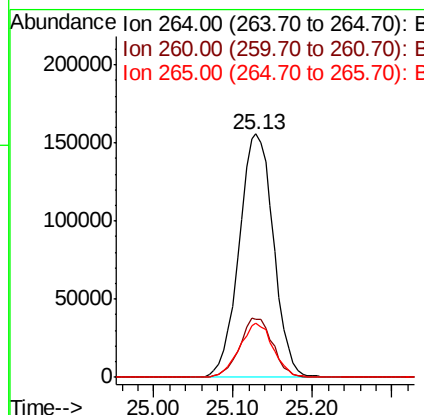
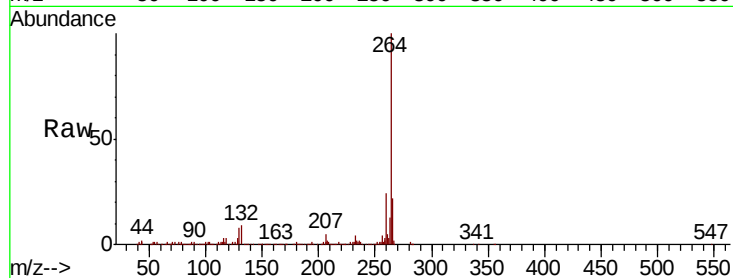
ClientSampleId :

SSTDCCC040EC

Tot Ion:	264	Resp:	467806
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.2	28.8
265	22.3	16.6	25.0

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#88

Benzo(b)fluoranthene

Concen: 43.184 ng m

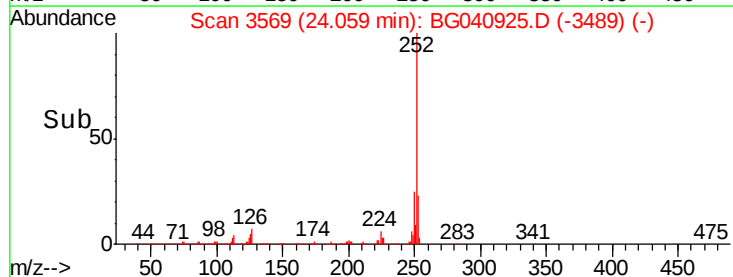
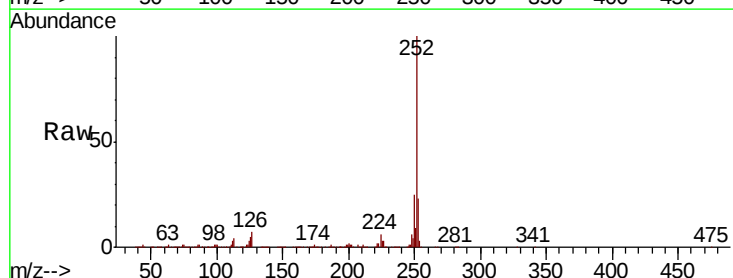
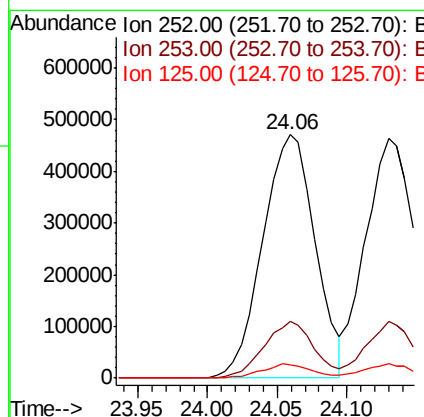
RT: 24.06 min Scan# 3569

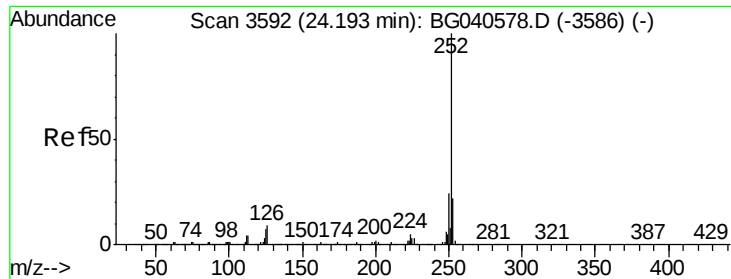
Delta R.T. -0.06 min

Lab File: BG040925.D

Acq: 13 May 2019 23:50

Tgt Ion:	252	Resp:	1234488
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.6	26.4
125	5.3	5.4	8.0#





#89

Benzo(k)fluoranthene

Concen: 42.397 ng

RT: 24.13 min Scan# 3581

Delta R.T. -0.06 min

Lab File: BG040925.D

Acq: 13 May 2019 23:50

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:252 Resp: 1131884

Ion Ratio Lower Upper

252 100

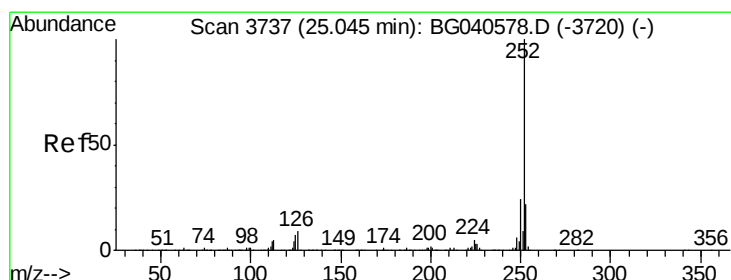
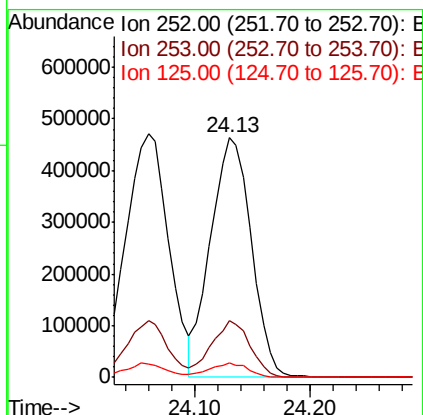
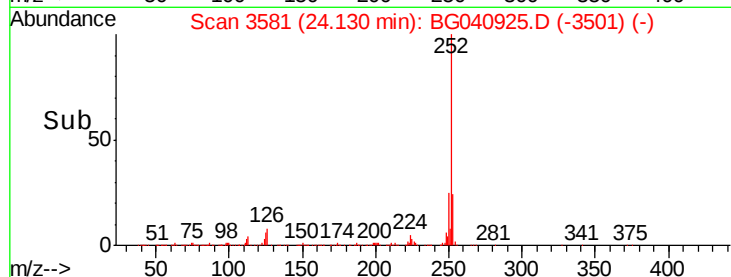
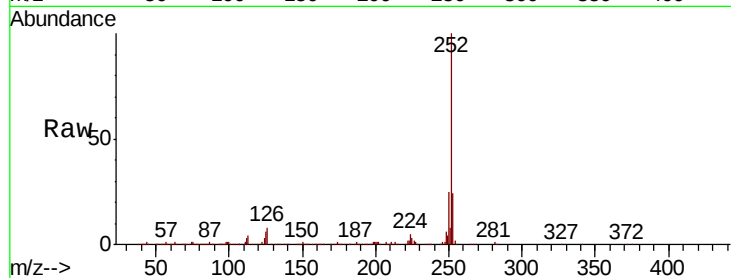
253 23.5 17.6 26.4

125 6.2 5.5 8.3

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#90

Benzo(a)pyrene

Concen: 42.879 ng

RT: 24.98 min Scan# 3725

Delta R.T. -0.07 min

Lab File: BG040925.D

Acq: 13 May 2019 23:50

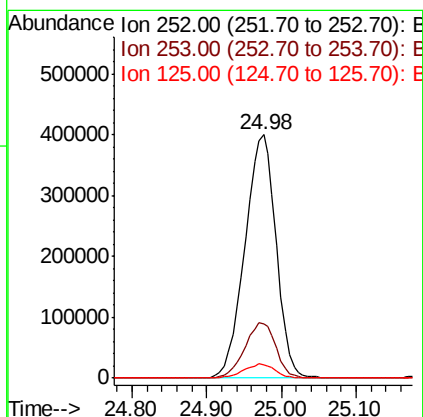
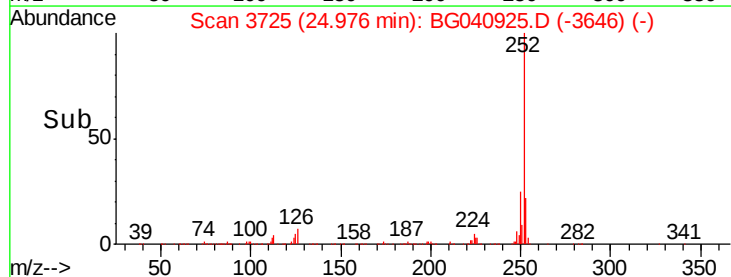
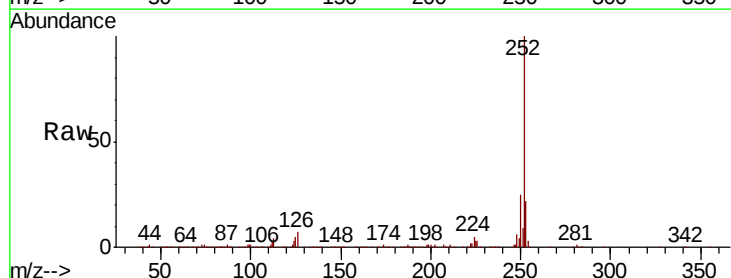
Tgt Ion:252 Resp: 1160314

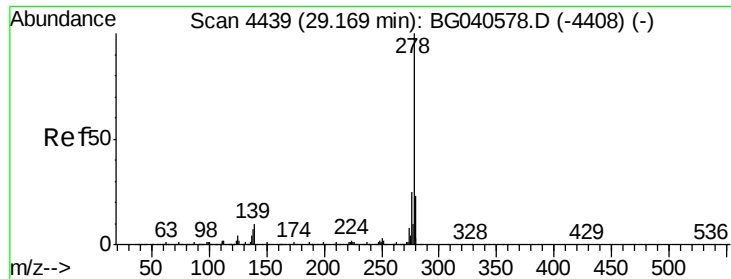
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

125 5.3 5.7 8.5#





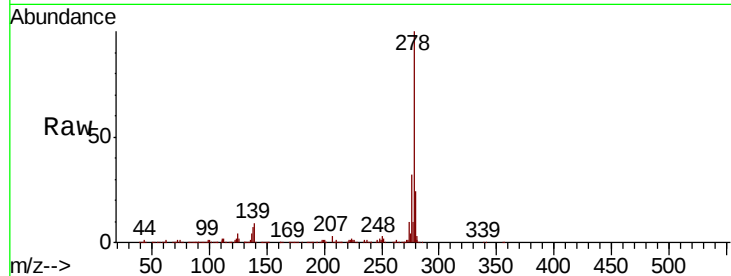
#91
Dibenzo(a,h)anthracene
Concen: 42.583 ng
RT: 29.05 min Scan# 4418
Delta R.T. -0.12 min
Lab File: BG040925.D
Acq: 13 May 2019 23:50

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.1	8.2	12.4
279	24.1	18.5	27.7

Manual Integrations
APPROVED

Sohil
5/14/2019 8:04:45 PM

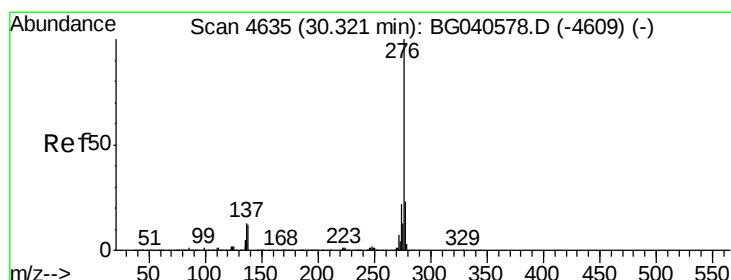
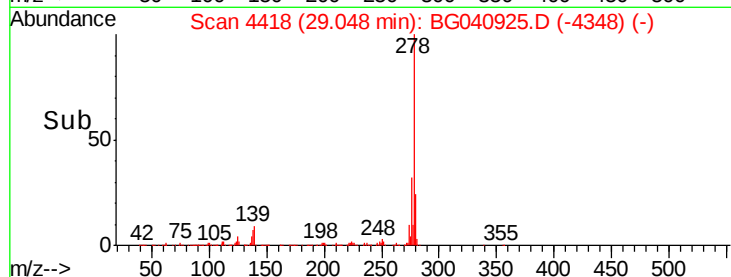
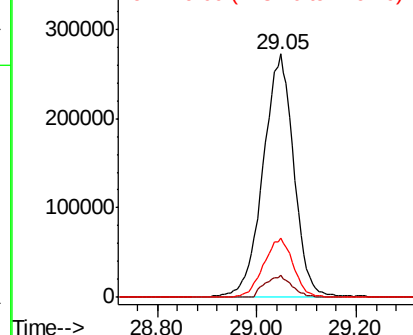


Abundance

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: 43.371 ng
RT: 30.19 min Scan# 4613
Delta R.T. -0.13 min
Lab File: BG040925.D
Acq: 13 May 2019 23:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.4	27.6
138	11.2	9.8	14.6

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

