

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050118\
 Data File : BG034082.D
 Acq On : 1 May 2018 17:16
 Operator : SJ/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG050118

Manual Integrations
 APPROVED

Sohil
 5/2/2018 4:50:39 PM

Quant Time: May 01 17:50:47 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 17:16:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	66467	20.00	ng	0.02
21) Naphthalene-d8	10.91	136	277305	20.00	ng	0.01
38) Acenaphthene-d10	14.73	164	219544	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	576296	20.00	ng	0.00
75) Chrysene-d12	21.77	240	583922	20.00	ng	0.00
86) Perylene-d12	25.07	264	584571	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	314018	76.33	ng	0.01
7) Phenol-d6	7.23	99	493206	77.01	ng	0.01
23) Nitrobenzene-d5	9.25	82	570223	78.90	ng	0.01
41) 2,4,6-Tribromophenol	16.22	330	240113	78.98	ng	0.00
44) 2-Fluorobiphenyl	13.36	172	1152746	76.51	ng	0.00
78) Terphenyl-d14	20.09	244	2128584	79.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.57	88	67571	39.113	ng	# 81
3) Pyridine	3.95	79	211053	38.936	ng	# 89
4) n-Nitrosodimethylamine	3.87	42	114248	38.655	ng	# 74
6) Aniline	7.41	93	337244	38.713	ng	# 97
8) 2-Chlorophenol	7.65	128	154086	37.535	ng	# 89
9) Benzaldehyde	7.22	77	141893	40.340	ng	# 92
10) Phenol	7.26	94	244506	37.850	ng	# 67
11) bis(2-Chloroethyl)ether	7.51	93	192974	37.945	ng	# 94
12) 1,3-Dichlorobenzene	7.98	146	194857	37.519	ng	# 88
13) 1,4-Dichlorobenzene	8.13	146	196021	38.004	ng	# 93
14) 1,2-Dichlorobenzene	8.44	146	188620m	38.499	ng	#
15) Benzyl Alcohol	8.32	79	263539	38.573	ng	# 83
16) 2,2'-oxybis(1-Chloropropan	8.61	45	276129	39.463	ng	# 85
17) 2-Methylphenol	8.52	107	170918m	40.211	ng	#
18) Hexachloroethane	9.18	117	80787	36.818	ng	# 96
19) n-Nitroso-di-n-propylamine	8.90	70	225750	39.249	ng	# 97
20) 3+4-Methylphenols	8.85	107	241453	38.355	ng	# 78
22) Acetophenone	8.91	105	358645	37.968	ng	# 91
24) Nitrobenzene	9.30	77	305014	38.554	ng	# 86
25) Isophorone	9.82	82	562509	38.152	ng	# 95
26) 2-Nitrophenol	10.01	139	88591	40.451	ng	# 80
27) 2,4-Dimethylphenol	10.06	122	166712	39.265	ng	# 87
28) bis(2-Chloroethoxy)methane	10.31	93	271715	37.518	ng	# 98
29) 2,4-Dichlorophenol	10.54	162	191165	37.667	ng	# 98
30) 1,2,4-Trichlorobenzene	10.76	180	233831	38.264	ng	# 97
31) Naphthalene	10.96	128	560854	38.479	ng	# 97
32) Benzoic acid	10.19	122	145096	39.707	ng	# 82
33) 4-Chloroaniline	11.06	127	255176	38.824	ng	# 86
34) Hexachlorobutadiene	11.24	225	198374	38.353	ng	# 95
35) Caprolactam	11.83	113	72762	40.364	ng	# 91
36) 4-Chloro-3-methylphenol	12.17	107	257830	39.181	ng	# 91
37) 2-Methylnaphthalene	12.56	142	451401	38.195	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	12.92	216	326788	38.466	ng	# 98
40) Hexachlorocyclopentadiene	12.91	237	195957	38.928	ng	# 90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.16	196	198148	40.144	nq	99
43) 2,4,5-Trichlorophenol	13.22	196	217012	39.770	nq	# 87
45) 1,1'-Biphenyl	13.57	154	648502	37.812	nq	100
46) 2-Chloronaphthalene	13.61	162	500719	38.563	nq	96
47) 2-Nitroaniline	13.80	65	216567	41.718	nq	86
48) Acenaphthylene	14.45	152	784410	37.838	nq	98
49) Dimethylphthalate	14.18	163	735984	38.660	nq	99
50) 2,6-Dinitrotoluene	14.30	165	153349	41.941	nq	# 78
51) Acenaphthene	14.79	154	548528	38.932	nq	95
52) 3-Nitroaniline	14.62	138	150496	40.837	nq	# 81
53) 2,4-Dinitrophenol	14.82	184	58210	40.696	nq	# 68
54) Dibenzofuran	15.12	168	797974	39.067	nq	# 89
55) 4-Nitrophenol	14.92	139	113781	40.450	nq	# 46
56) 2,4-Dinitrotoluene	15.08	165	214699	43.245	nq	94
57) Fluorene	15.78	166	664981	37.352	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.35	232	224456	39.762	nq	96
59) Diethylphthalate	15.55	149	763967	37.922	nq	98
60) 4-Chlorophenyl-phenylether	15.78	204	408032	38.525	nq	98
61) 4-Nitroaniline	15.79	138	155734	39.838	nq	# 53
62) Azobenzene	16.06	77	824699	37.895	nq	93
64) 4,6-Dinitro-2-methylphenol	15.85	198	110408	40.746	nq	89
65) n-Nitrosodiphenylamine	15.98	169	608438	38.719	nq	99
66) 4-Bromophenyl-phenylether	16.67	248	273418	38.213	nq	# 91
67) Hexachlorobenzene	16.78	284	293010	40.342	nq	95
68) Atrazine	16.93	200	272719	41.254	nq	96
69) Pentachlorophenol	17.12	266	207134	40.917	nq	95
70) Phenanthrene	17.52	178	1133437	38.275	nq	97
71) Anthracene	17.61	178	1149489	38.301	nq	98
72) Carbazole	17.88	167	1056353	38.449	nq	97
73) Di-n-butylphthalate	18.46	149	1281650	38.756	nq	# 96
74) Fluoranthene	19.53	202	1442301	38.544	nq	93
76) Benzidine	19.71	184	606250	40.306	nq	97
77) Pyrene	19.89	202	1450924	39.660	nq	94
79) Butylbenzylphthalate	20.79	149	572268	40.070	nq	88
80) Benzo(a)anthracene	21.76	228	1462229	39.074	nq	97
81) 3,3'-Dichlorobenzidine	21.67	252	553666	39.124	nq	# 95
82) Chrysene	21.82	228	1381564	38.572	nq	98
83) Bis(2-ethylhexyl)phthalate	21.69	149	769914	39.170	nq	96
84) Di-n-octyl phthalate	22.94	149	1231916	39.241	nq	98
85) Indeno(1,2,3-cd)pyrene	28.84	276	1562652	39.643	nq	# 84
87) Benzo(b)fluoranthene	24.03	252	1440204	39.002	nq	# 96
88) Benzo(k)fluoranthene	24.10	252	1414438	40.077	nq	# 95
89) Benzo(a)pyrene	24.92	252	1367158	39.573	nq	# 95
90) Dibenzo(a,h)anthracene	28.93	278	1276520	39.198	nq	# 94
91) Benzo(g,h,i)perylene	30.02	276	1262001	39.316	nq	# 93

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

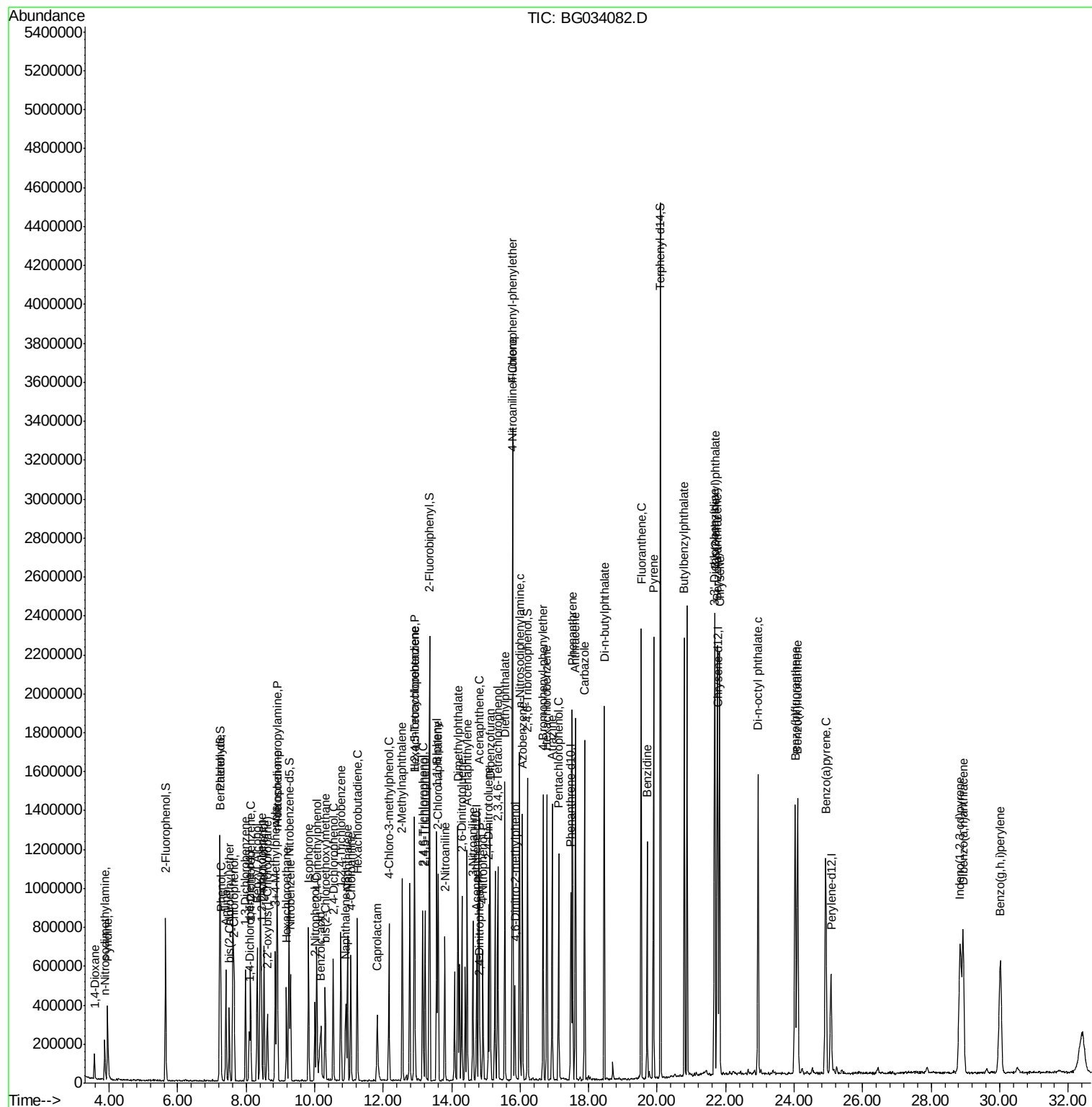
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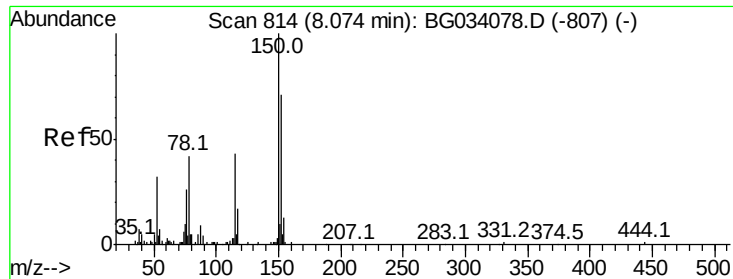
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#1

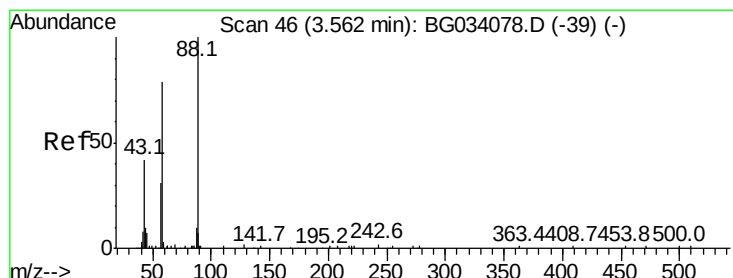
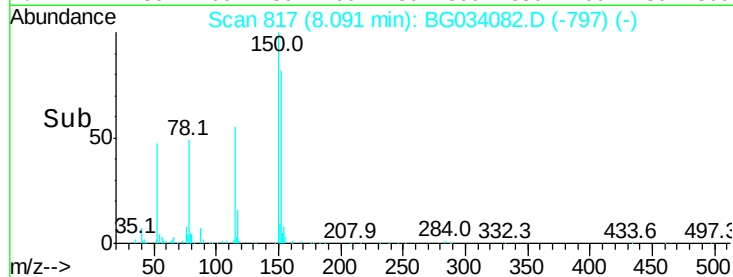
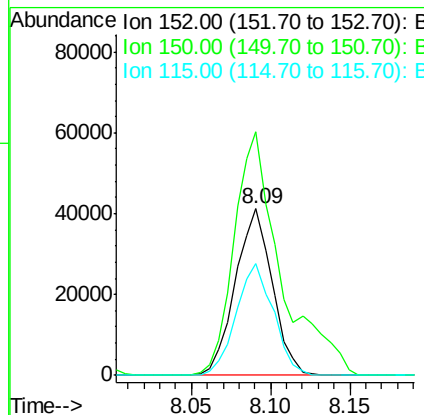
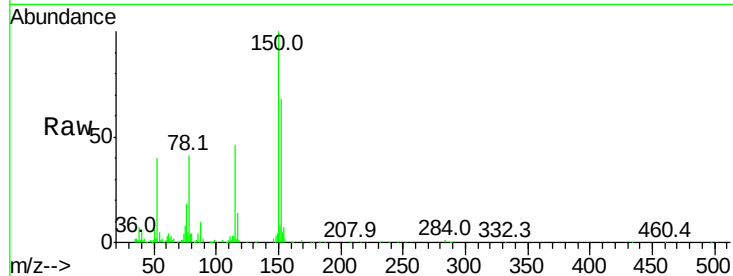
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. 0.02 min
Lab File: BG034082.D
Acq: 1 May 2018 17:16

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	146.0	126.6	189.8
115	67.1	53.0	79.4

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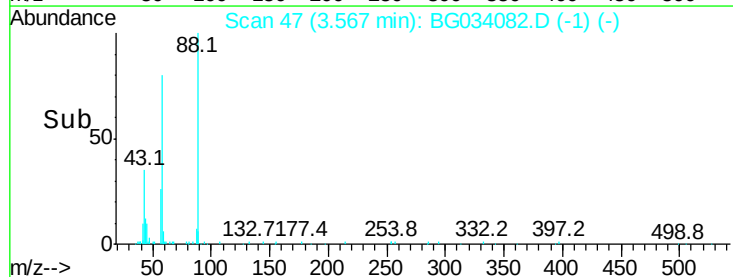
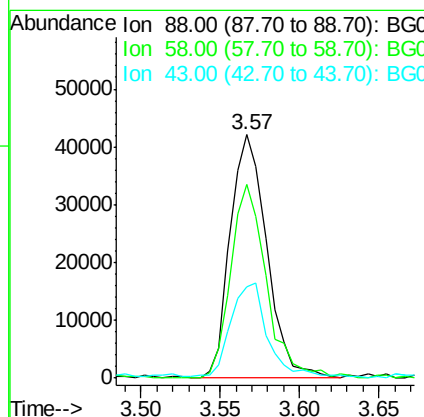
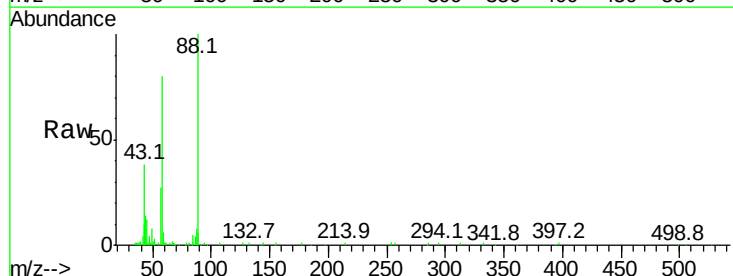
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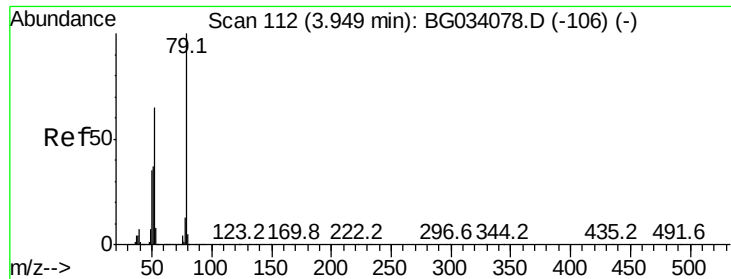


#2

1,4-Dioxane
Concen: 39.113 ng
RT: 3.57 min Scan# 47
Delta R.T. 0.01 min
Lab File: BG034082.D
Acq: 1 May 2018 17:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.8	79.6	119.4#
43	40.1	27.4	41.0





#3

Pvridine

Concen: 38.936 ng

RT: 3.95 min Scan# 113

Delta R.T. 0.01 min

Lab File: BG034082.D

Acq: 1 May 2018 17:16

Instrument :

BNA_G

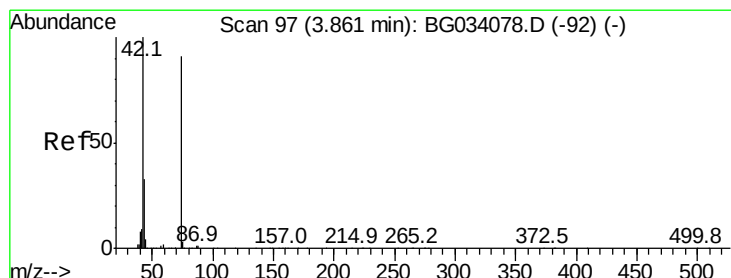
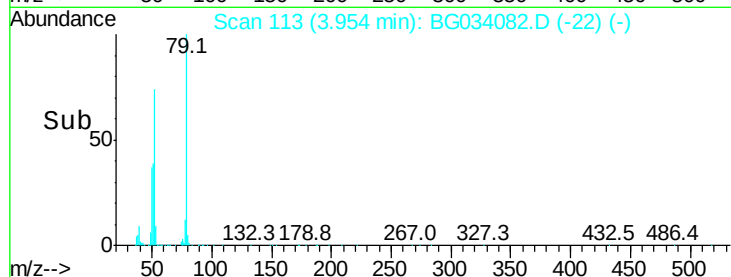
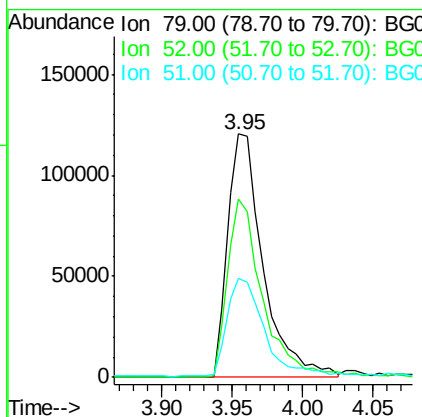
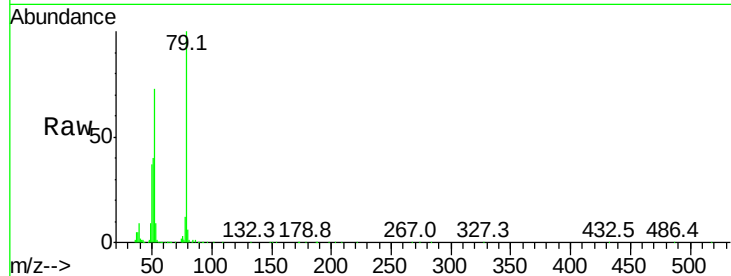
ClientSampleId :

ICVBG050118

Tot Ion:	79	Resp:	211053
Ion Ratio	Lower	Upper	
79	100		
52	73.4	69.9	104.9
51	40.5	34.0	51.0

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#4

n-Nitrosodimethylamine

Concen: 38.655 ng

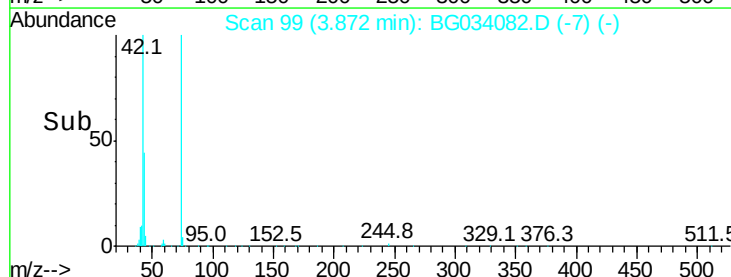
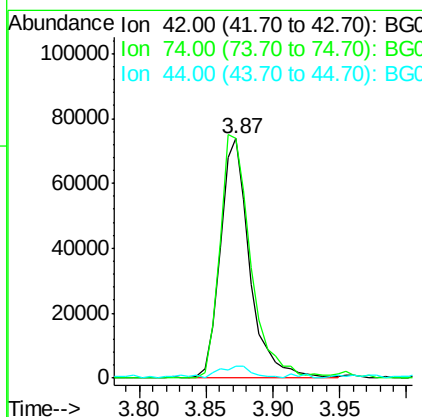
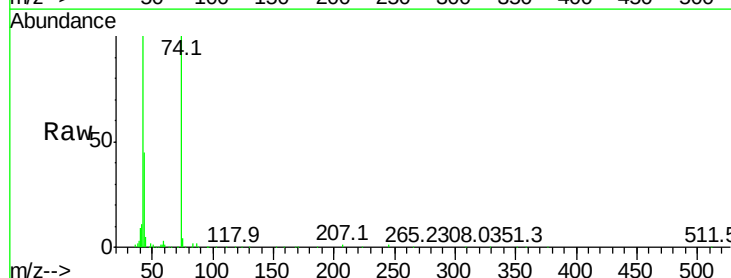
RT: 3.87 min Scan# 99

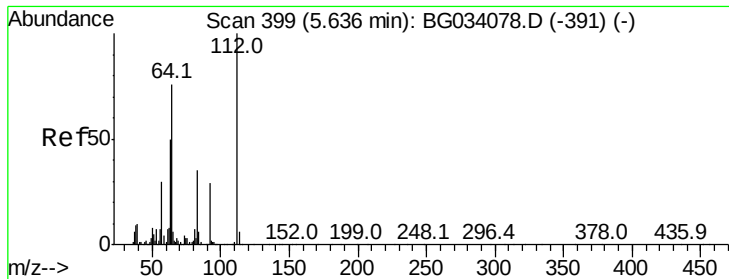
Delta R.T. 0.01 min

Lab File: BG034082.D

Acq: 1 May 2018 17:16

Tgt Ion:	42	Resp:	114248
Ion Ratio	Lower	Upper	
42	100		
74	100.2	102.5	153.7#
44	5.0	18.9	28.3#





#5

2-Fluorophenol

Concen: 76.329 ng

RT: 5.65 min Scan# 401

Delta R.T. 0.01 min

Lab File: BG034082.D

Acq: 1 May 2018 17:16

Instrument :

BNA_G

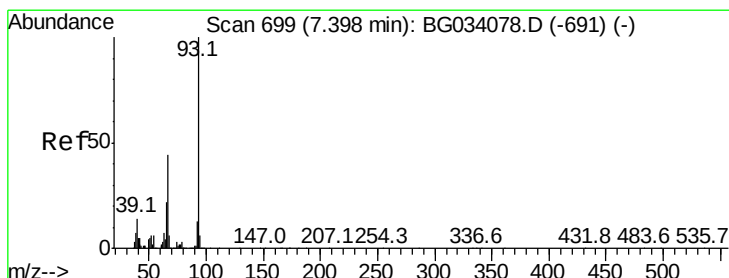
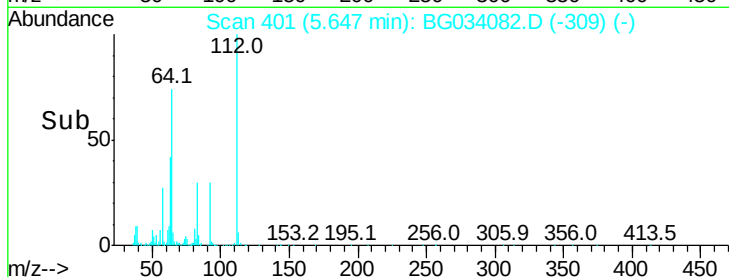
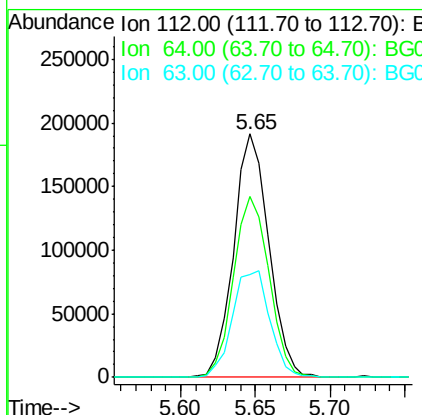
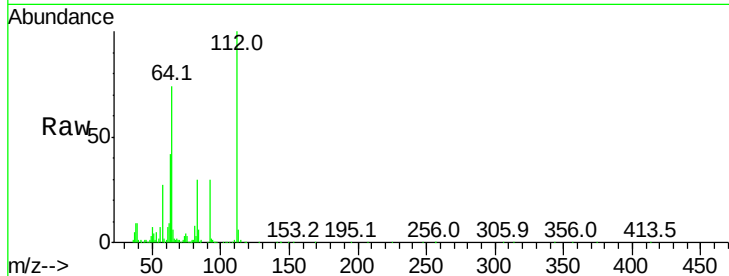
ClientSampleId :

ICVBG050118

Tot Ion:	112	Resp:	314018
Ion Ratio	Lower	Upper	
112	100		
64	74.1	56.3	84.5
63	42.5	30.1	45.1

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#6

Aniline

Concen: 38.713 ng

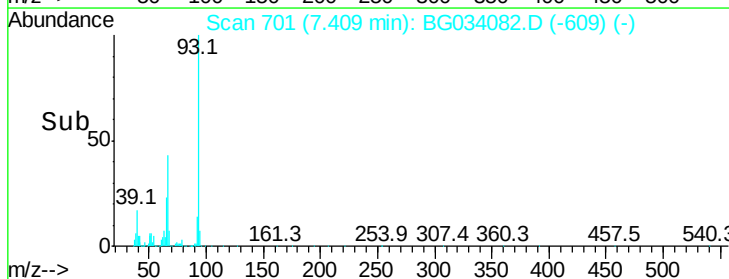
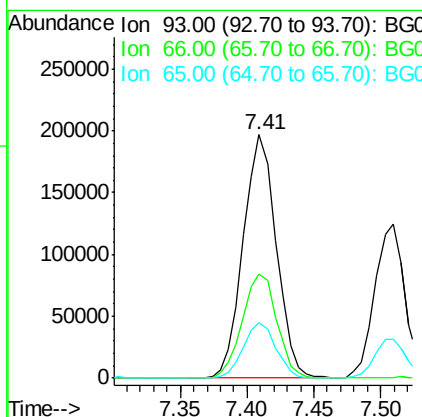
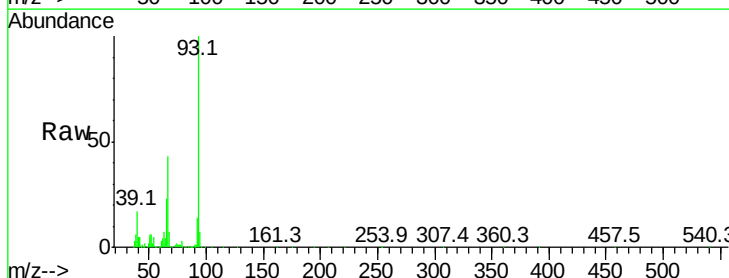
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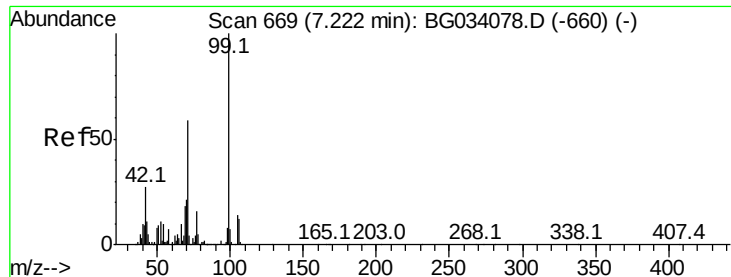
Delta R.T. 0.01 min

Lab File: BG034082.D

Acq: 1 May 2018 17:16

Tgt Ion:	93	Resp:	337244
Ion Ratio	Lower	Upper	
93	100		
66	42.7	33.7	50.5
65	23.0	16.1	24.1





#7

Phenol-d6

Concen: 77.007 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.01 min

Lab File: BG034082.D

Acq: 1 May 2018 17:16

Instrument :

BNA_G

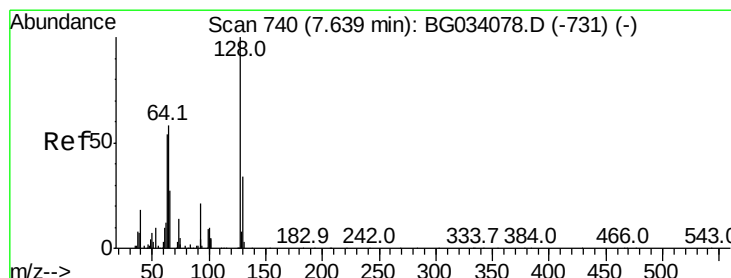
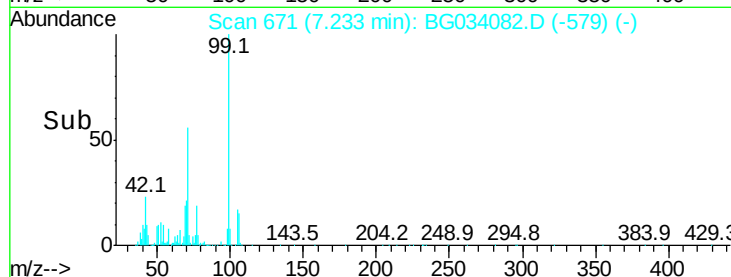
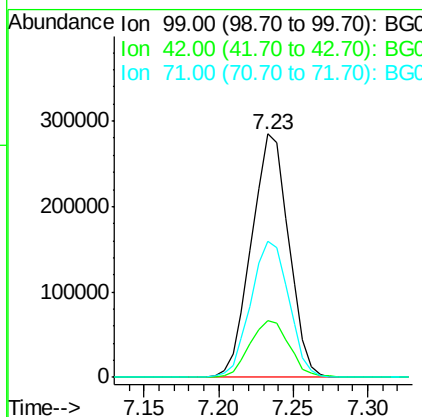
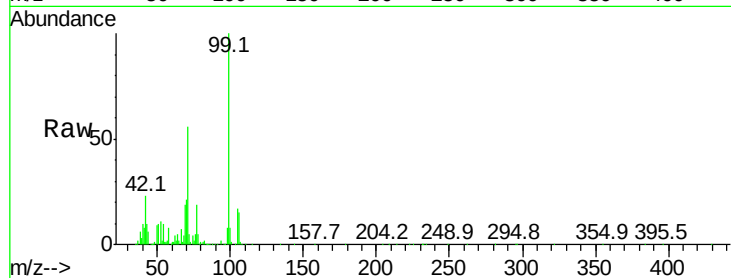
ClientSampleId :

ICVBG050118

Tot Ion:	99	Resp:	493206
Ion Ratio	Lower	Upper	
99	100		
42	23.4	14.1	21.1#
71	55.9	26.1	39.1#

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#8

2-Chlorophenol

Concen: 37.535 ng

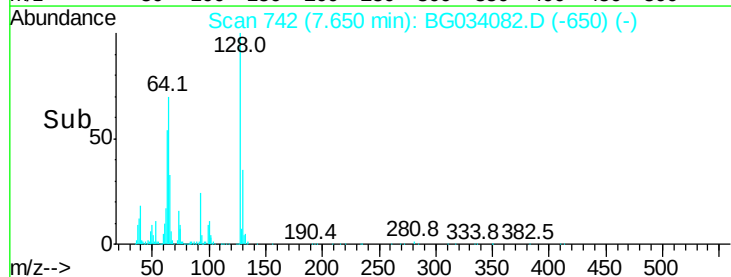
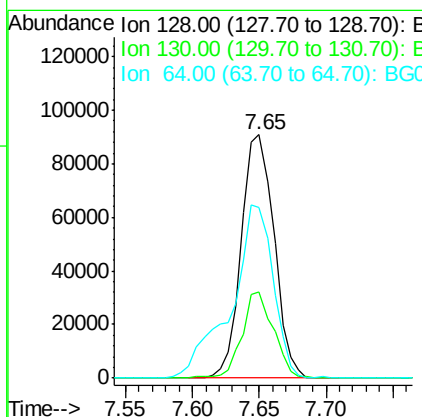
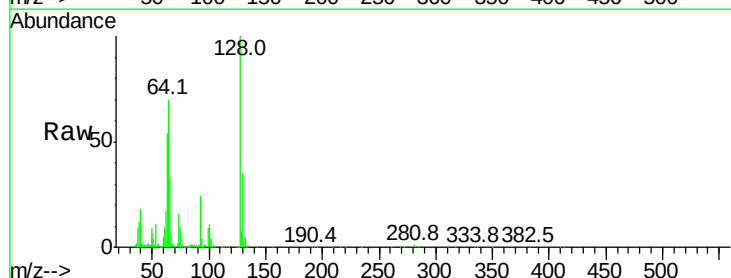
RT: 7.65 min Scan# 742

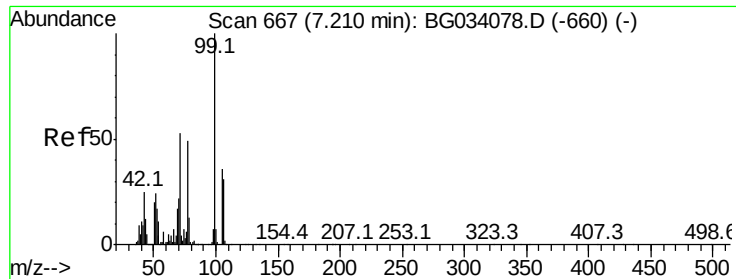
Delta R.T. 0.01 min

Lab File: BG034082.D

Acq: 1 May 2018 17:16

Tgt Ion:	128	Resp:	154086
Ion Ratio	Lower	Upper	
128	100		
130	35.2	14.0	54.0
64	70.3	37.7	77.7





#9

Benzaldehyde

Concen: 40.340 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.01 min

Lab File: BG034082.D

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Instrument :

BNA_G

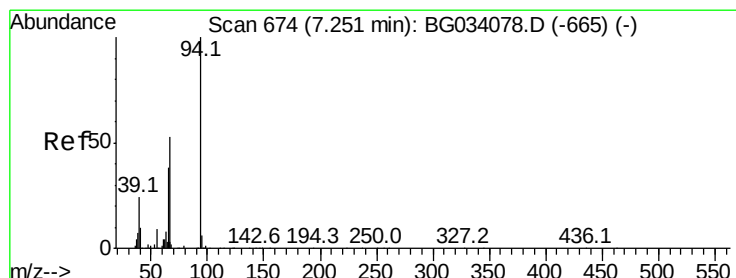
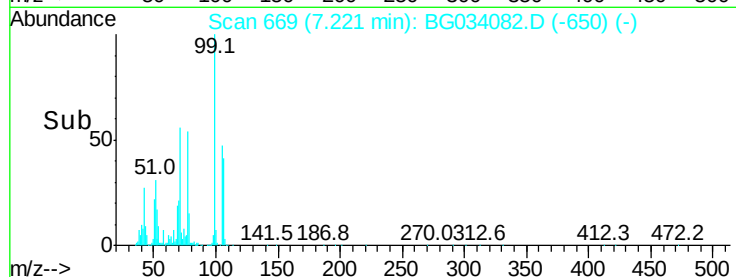
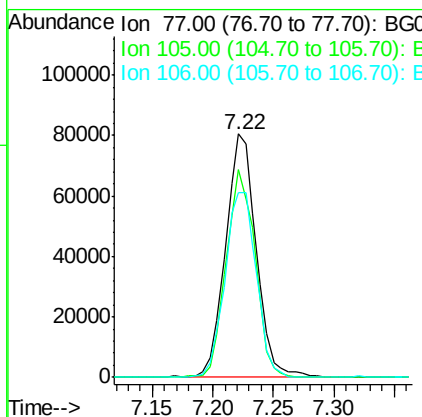
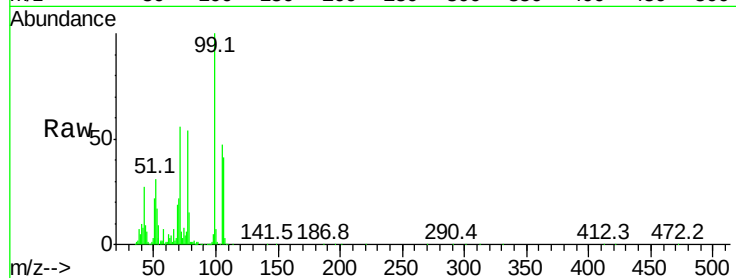
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
77	100		
105	85.6	71.3	111.3
106	75.8	64.2	104.2

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#10

Phenol

Concen: 37.850 ng

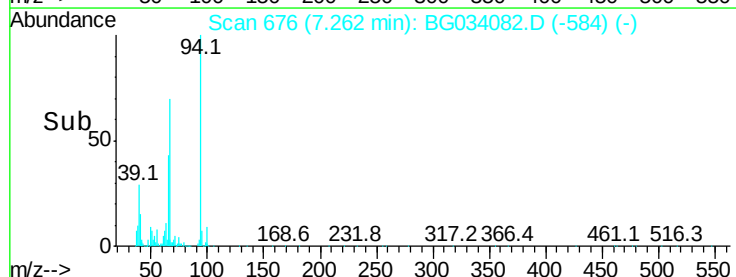
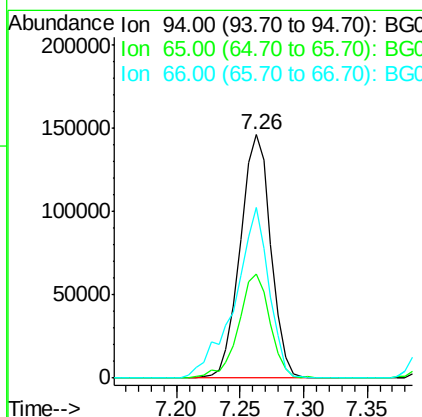
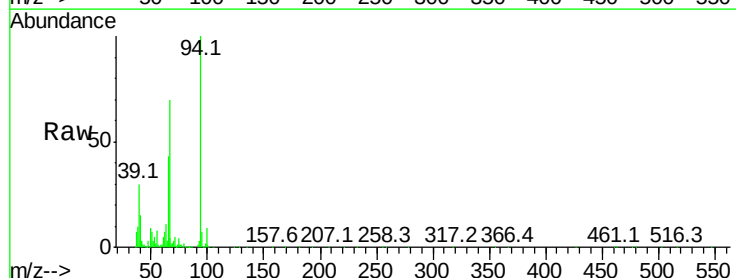
RT: 7.26 min Scan# 676

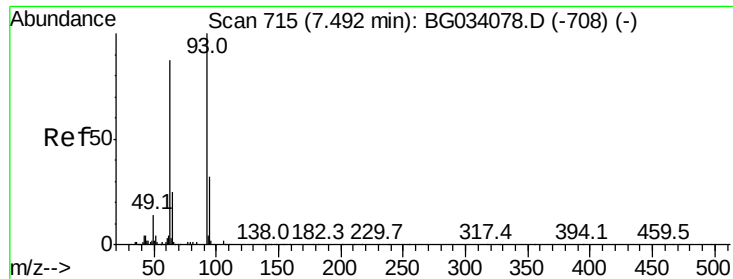
Delta R.T. 0.01 min

Lab File: BG034082.D

Acq: 1 May 2018 17:16

Tgt Ion	Ratio	Lower	Upper
94	100		
65	42.7	11.9	51.9
66	70.1	22.2	62.2





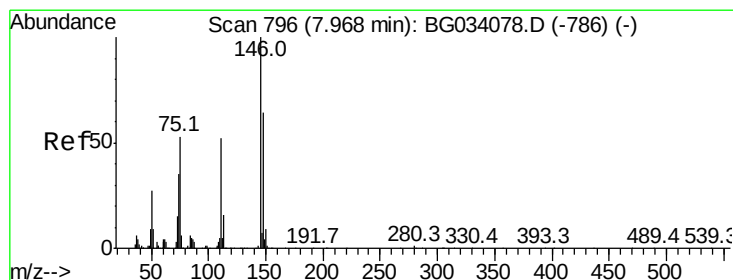
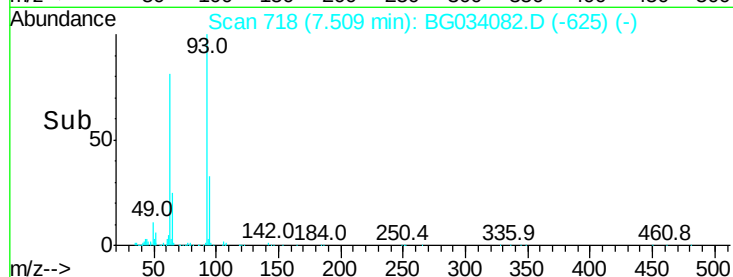
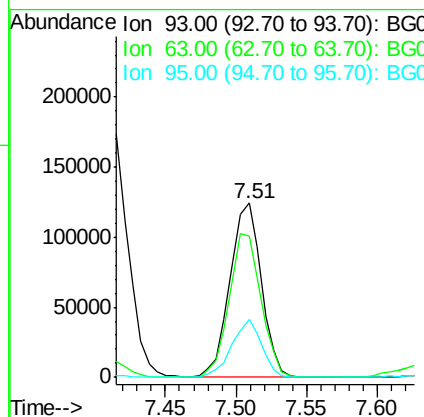
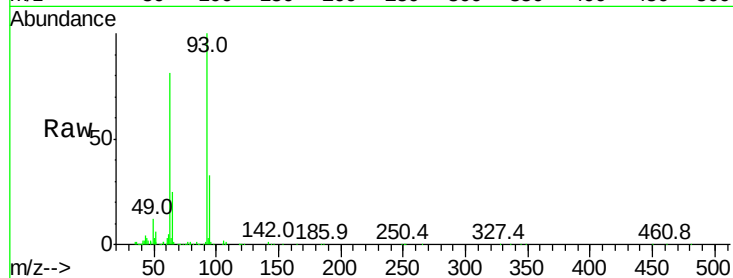
#11
bis(2-Chloroethyl)ether
Concen: 37.945 ng
RT: 7.51 min Scan# 718
Delta R.T. 0.02 min
Lab File: BG034082.D
Acq: 1 May 2018 17:16

Instrument :
BNA_G
ClientSampleId :
ICVBG050118

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.0	67.1	107.1
95	33.3	11.5	51.5

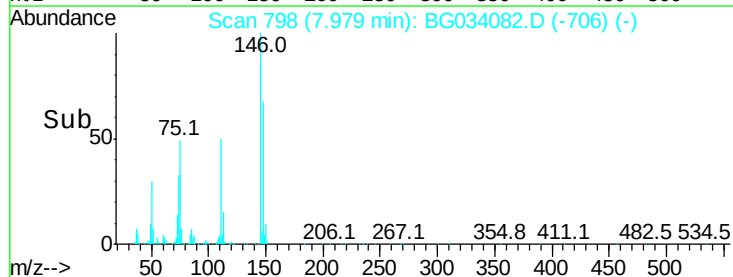
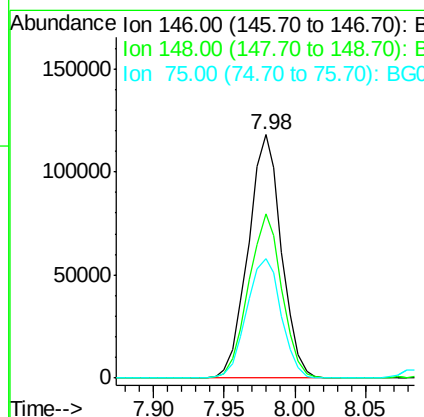
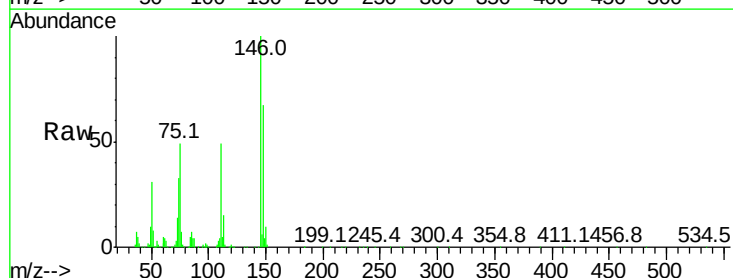
Manual Integrations
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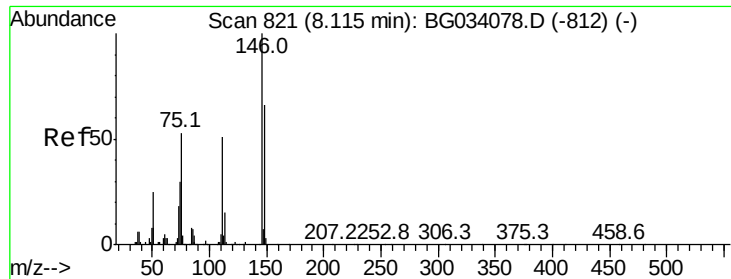
Sohil
5/2/2018 4:50:39 PM



#12
1,3-Dichlorobenzene
Concen: 37.519 ng
RT: 7.98 min Scan# 798
Delta R.T. 0.01 min
Lab File: BG034082.D
Acq: 1 May 2018 17:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.2	51.4	77.2
75	49.1	26.6	39.8#





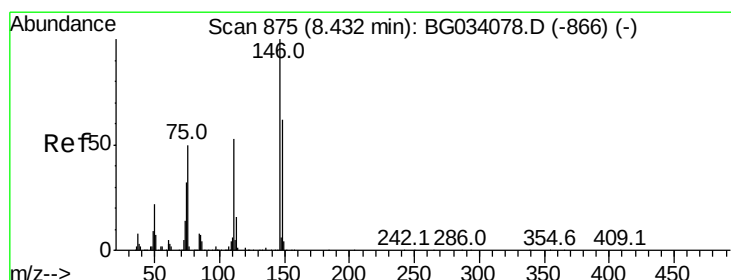
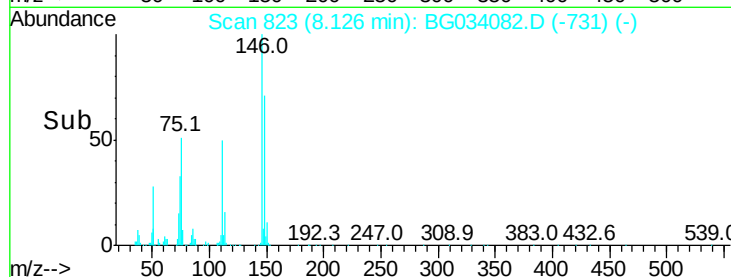
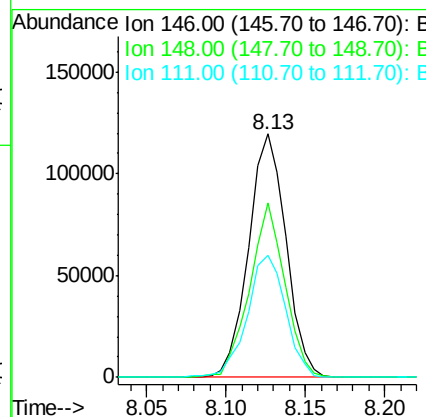
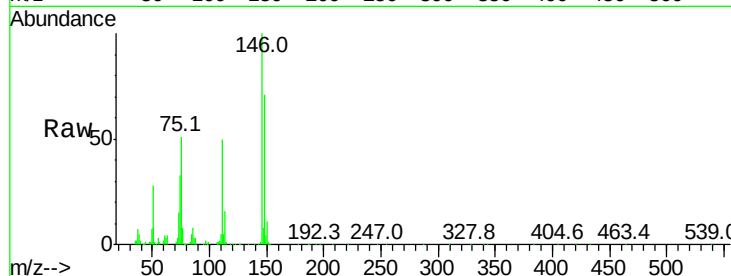
#13
1,4-Dichlorobenzene
Concen: 38.004 ng
RT: 8.13 min Scan# 823
Delta R.T. 0.01 min
Lab File: BG034082.D
Acq: 1 May 2018 17:16

Instrument :
BNA_G
ClientSampleId :
ICVBG050118

Tot Ion	Ratio	Lower	Upper
146	100		
148	71.4	53.7	80.5
111	50.0	35.2	52.8

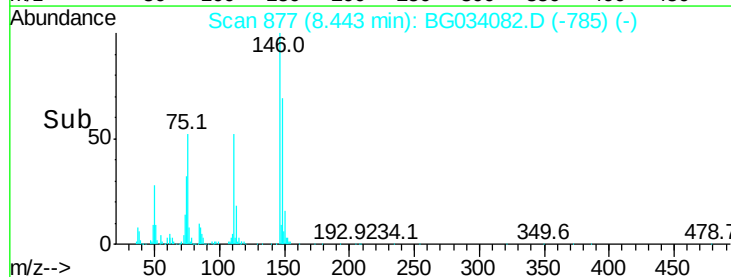
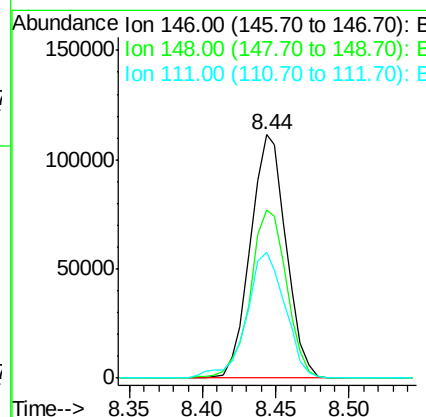
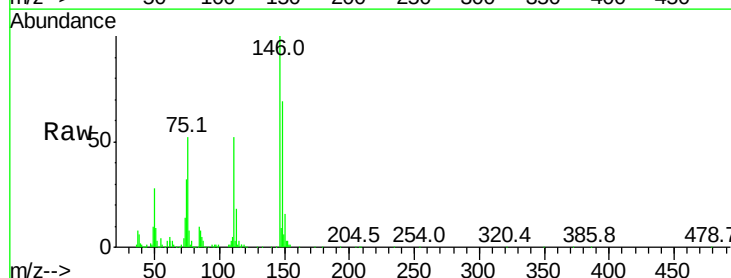
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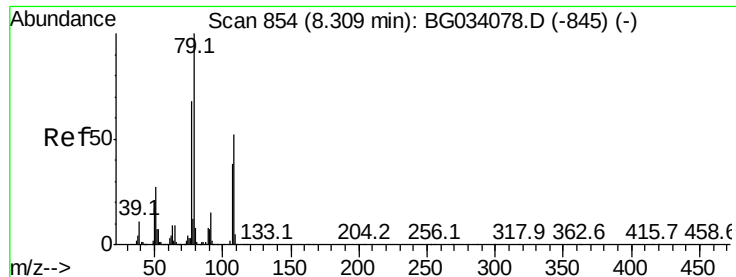
Sohil
5/2/2018 4:50:39 PM



#14
1,2-Dichlorobenzene
Concen: 38.499 ng m
RT: 8.44 min Scan# 877
Delta R.T. 0.01 min
Lab File: BG034082.D
Acq: 1 May 2018 17:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.2	49.3	73.9
111	51.9	34.3	51.5





#15

Benzyl Alcohol

Concen: 38.573 ng

RT: 8.32 min Scan# 856

Delta R.T. 0.01 min

Lab File: BG034082.D

Acq: 1 May 2018 17:16

Instrument :

BNA_G

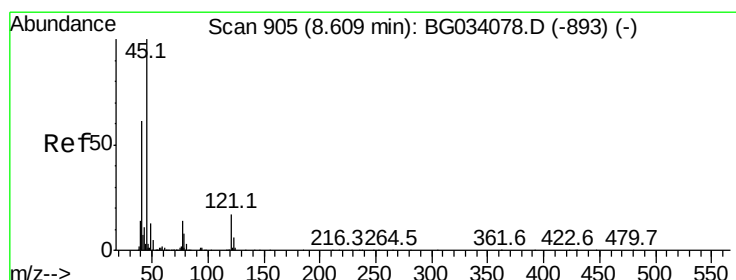
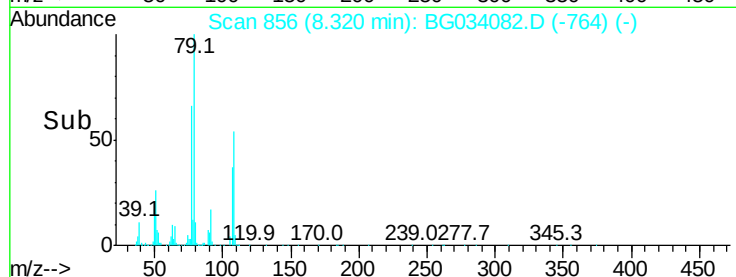
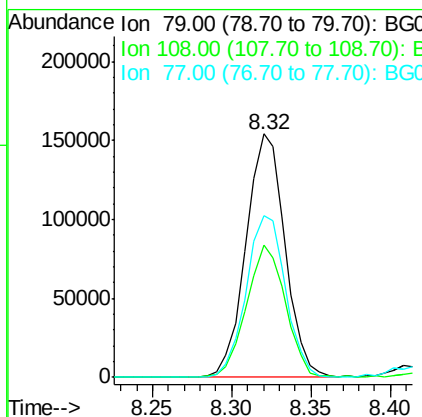
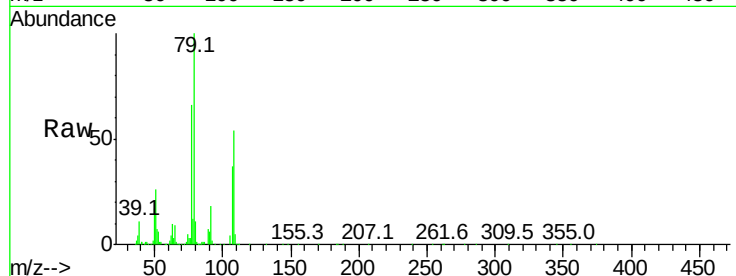
ClientSampleId :

ICVBG050118

Tot Ion:	79	Resp:	263539
Ion Ratio	Lower	Upper	
79	100		
108	54.3	57.2	85.8#
77	66.4	46.1	69.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.463 ng

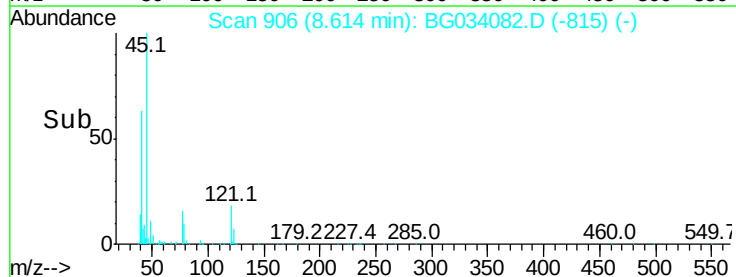
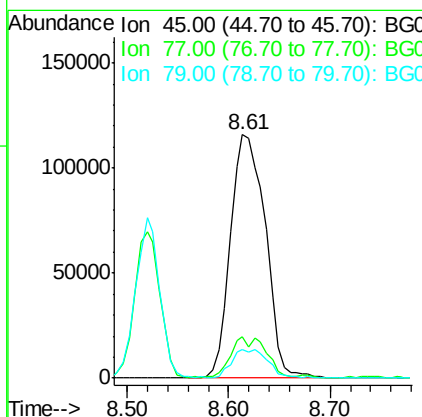
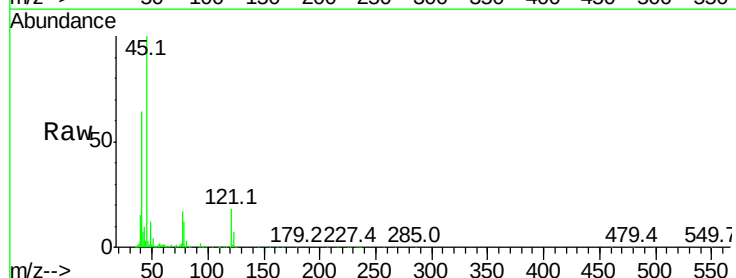
RT: 8.61 min Scan# 906

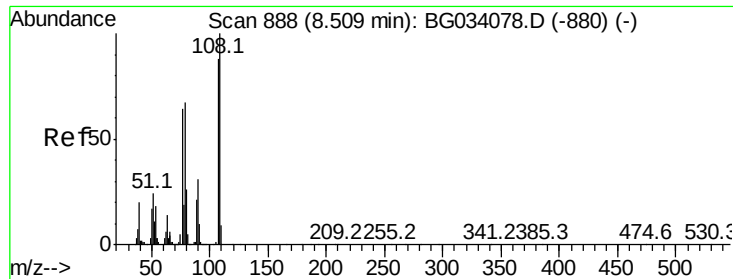
Delta R.T. 0.01 min

Lab File: BG034082.D

Acq: 1 May 2018 17:16

Tgt Ion:	45	Resp:	276129
Ion Ratio	Lower	Upper	
45	100		
77	16.9	0.0	30.2
79	11.8	0.0	27.9





#17

2-Methylphenol

Concen: 40.211 ng/ml

RT: 8.52 min Scan# 890

Delta R.T. 0.01 min

Lab File: BG034082.D

Acq: 1 May 2018 17:16

Instrument :

BNA_G

ClientSampleId :

ICVBG050118

Tot Ion:107 Resp: 170918

Ion Ratio Lower Upper

107 100

108 130.1 83.9 125.9#

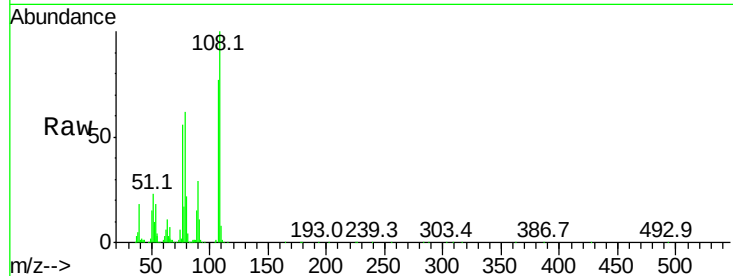
77 73.1 37.2 55.8#

79 80.1 36.2 54.2#

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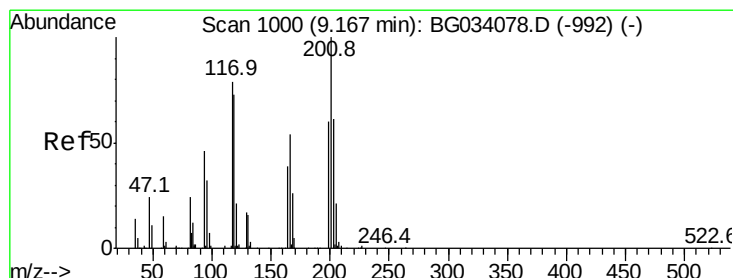
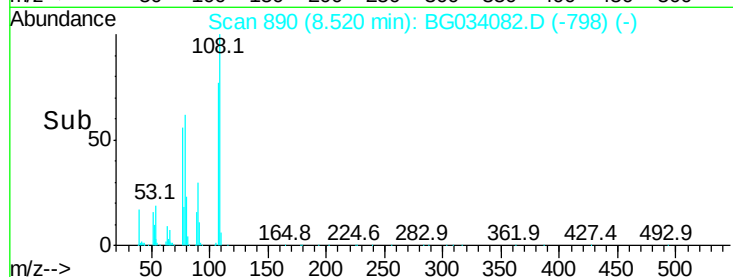
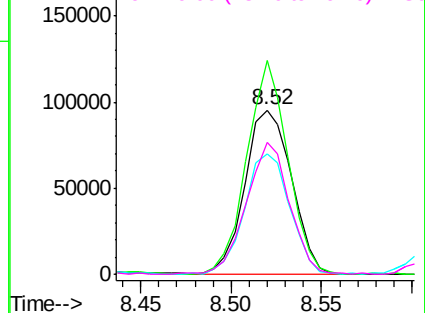


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 36.818 ng/ml

RT: 9.18 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BG034082.D

Acq: 1 May 2018 17:16

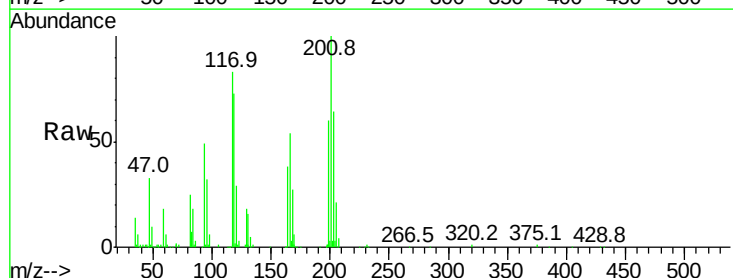
Tgt Ion:117 Resp: 80787

Ion Ratio Lower Upper

117 100

119 87.1 76.7 115.1

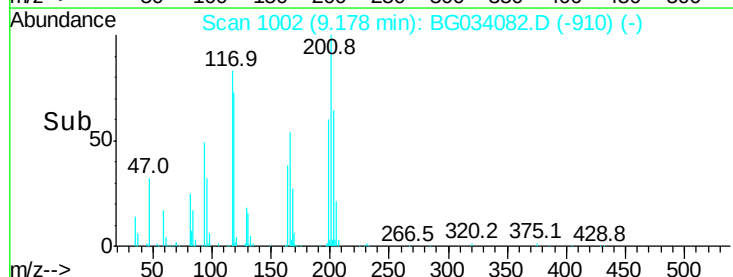
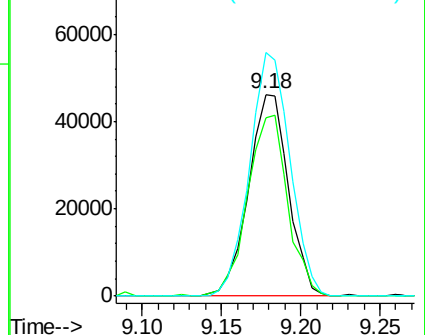
201 118.7 95.7 143.5

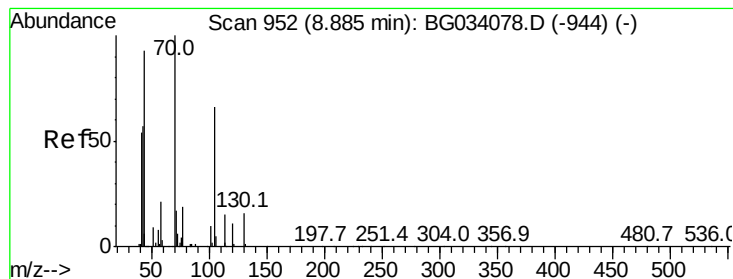


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.249 ng

RT: 8.90 min Scan# 954

Delta R.T. 0.01 min

Lab File: BG034082.D

Acq: 1 May 2018 17:16

Instrument :

BNA_G

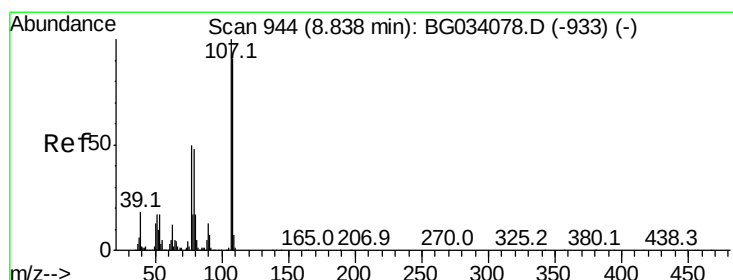
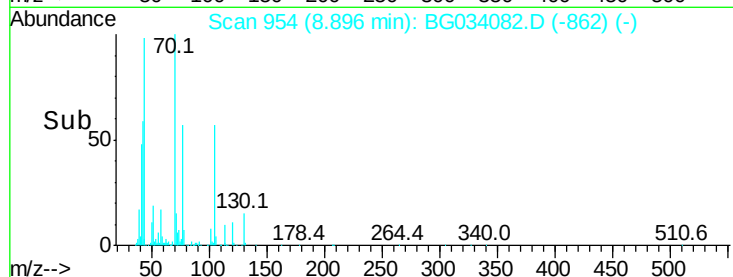
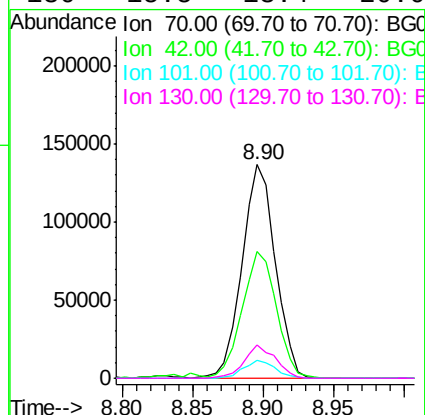
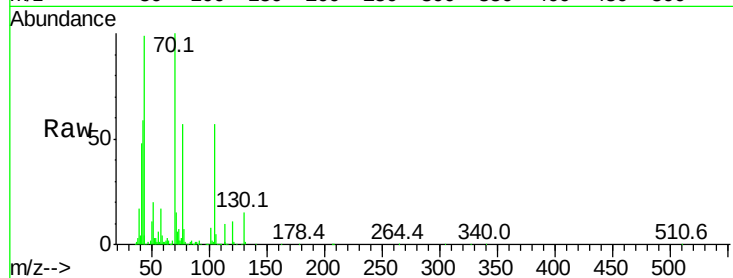
ClientSampleId :

ICVBG050118

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.2	49.1	73.7
101	8.2	8.5	12.7#
130	15.5	13.4	20.0

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#20

3+4-Methylphenols

Concen: 38.355 ng

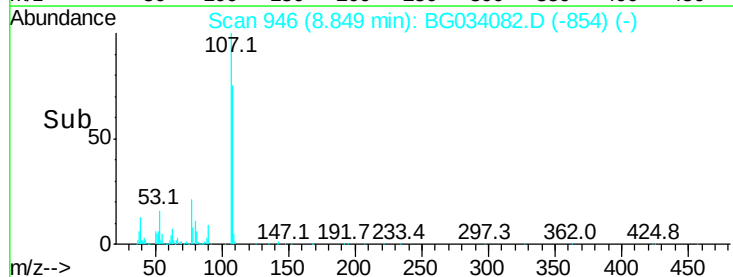
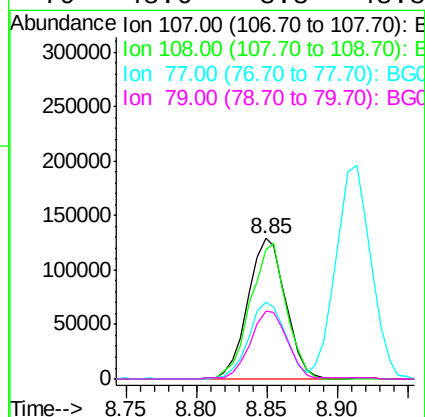
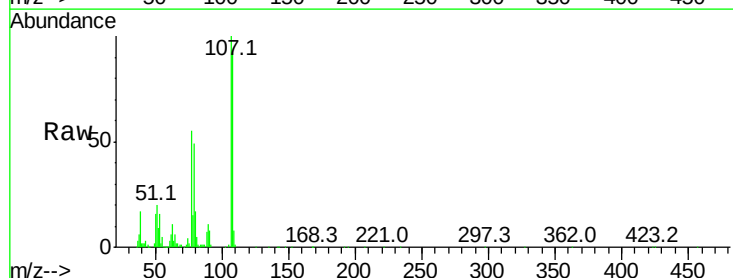
RT: 8.85 min Scan# 946

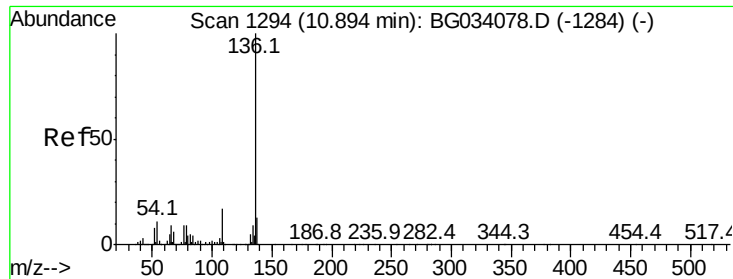
Delta R.T. 0.01 min

Lab File: BG034082.D

Acq: 1 May 2018 17:16

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.9	61.6	101.6
77	54.6	13.9	53.9#
79	48.6	8.8	48.8





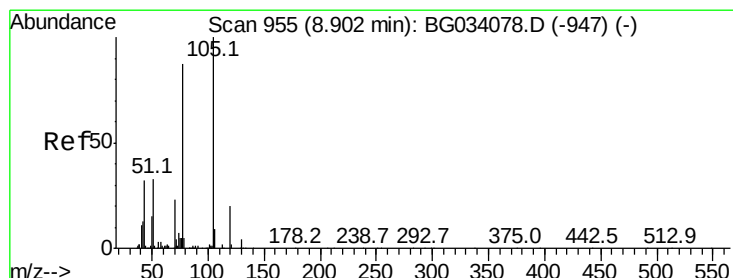
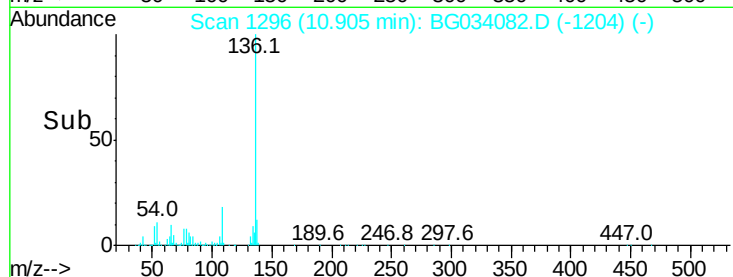
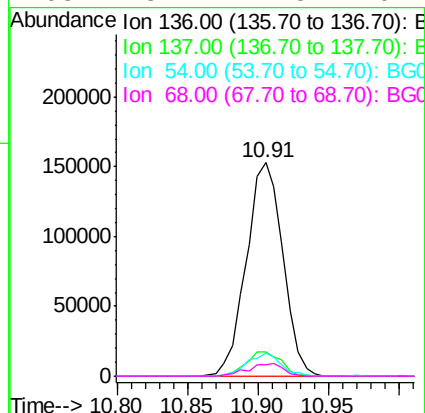
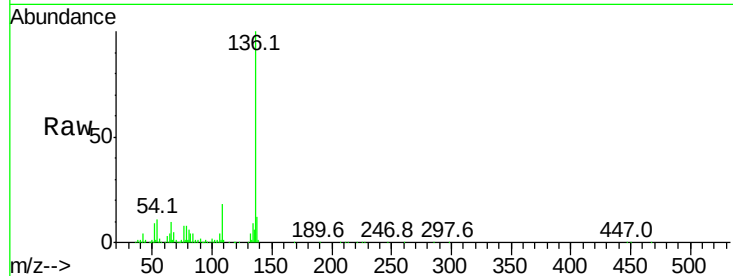
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BG034082.D
Acq: 1 May 2018 17:16

Instrument :
BNA_G
ClientSampleId :
ICVBG050118

Tot Ion	Ratio	Resp	Lower	Upper
136	100	277305		
137	11.5		9.2	13.8
54	10.7		10.3	15.5
68	5.4		4.5	6.7

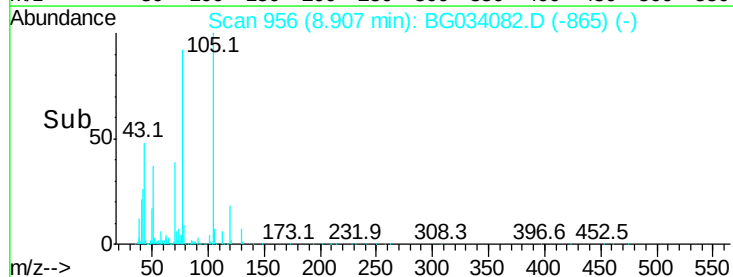
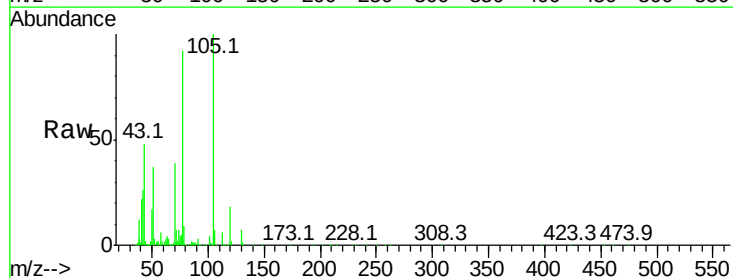
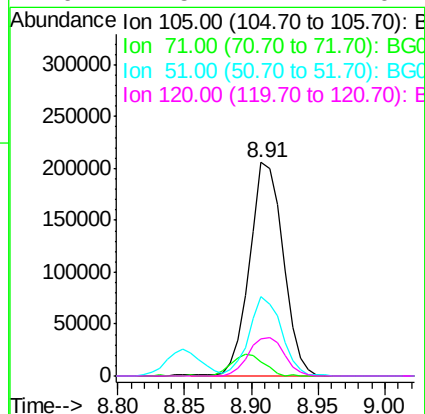
Manual Integrations
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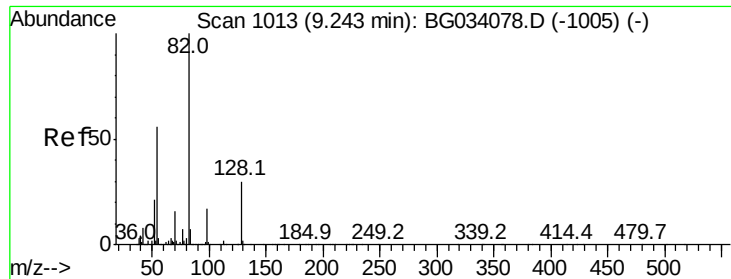
Sohil
5/2/2018 4:50:39 PM



#22
Acetophenone
Concen: 37.968 ng
RT: 8.91 min Scan# 956
Delta R.T. 0.01 min
Lab File: BG034082.D
Acq: 1 May 2018 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	358645		
71	6.5		3.0	4.4#
51	37.4		26.1	39.1
120	17.5		17.4	26.2





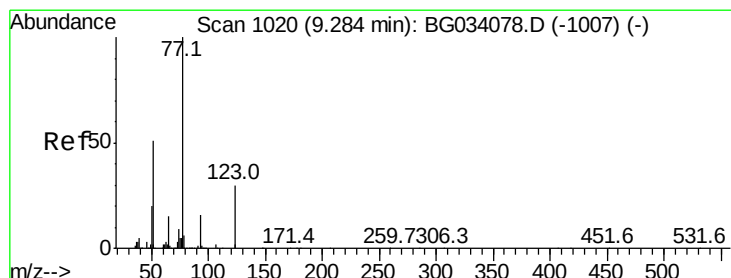
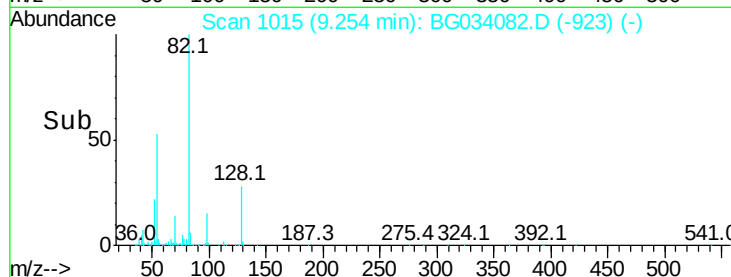
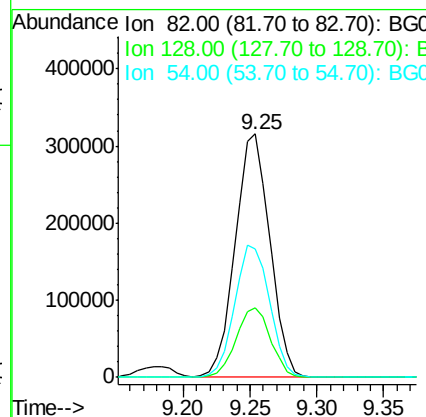
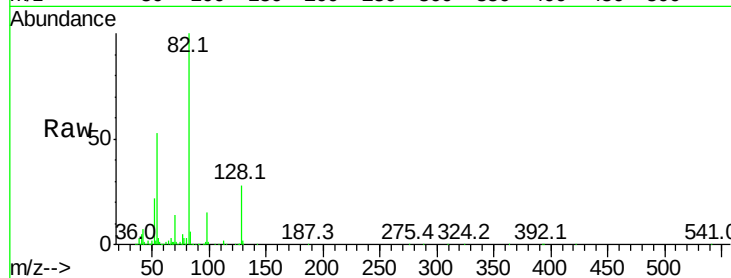
#23
 Nitrobenzene-d5
 Concen: 78.896 ng
 RT: 9.25 min Scan# 1015
 Delta R.T. 0.01 min
 Lab File: BG034082.D
 Acq: 1 May 2018 17:16

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG050118

Tot Ion	82	Resp	570223
Ion Ratio	100	Lower	Upper
82	100		
128	28.4	29.7	44.5#
54	52.9	43.1	64.7

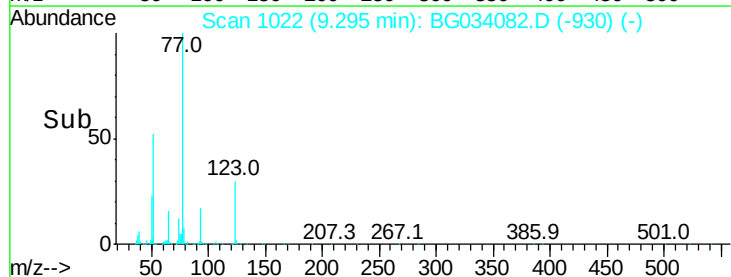
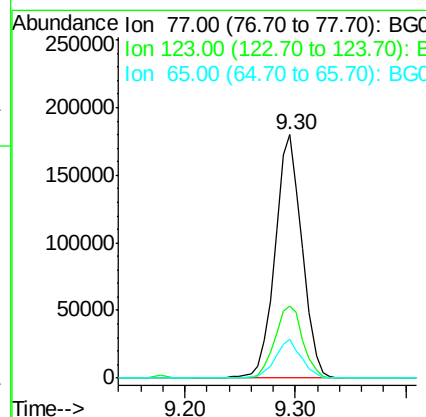
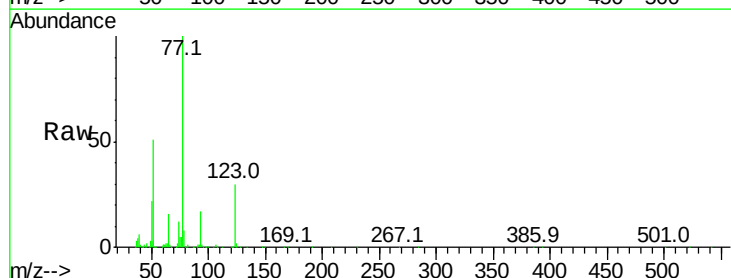
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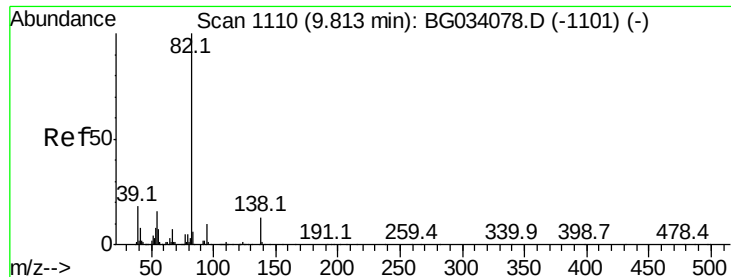
Sohil
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#24
 Nitrobenzene
 Concen: 38.554 ng
 RT: 9.30 min Scan# 1022
 Delta R.T. 0.01 min
 Lab File: BG034082.D
 Acq: 1 May 2018 17:16

Tgt Ion	77	Resp	305014
Ion Ratio	100	Lower	Upper
77	100		
123	29.6	33.0	49.6#
65	15.8	13.0	19.6





#25

Isophorone

Concen: 38.152 ng

RT: 9.82 min Scan# 1111

Delta R.T. 0.01 min

Lab File: BG034082.D

Acq: 1 May 2018 17:16

Instrument :

BNA_G

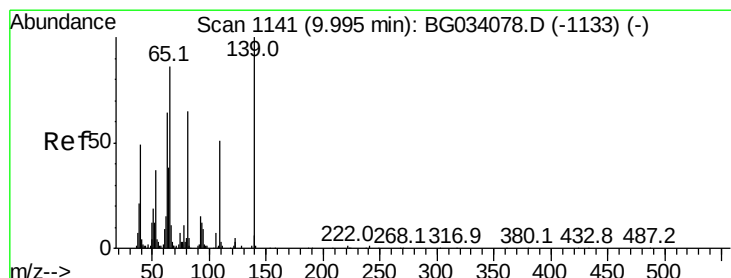
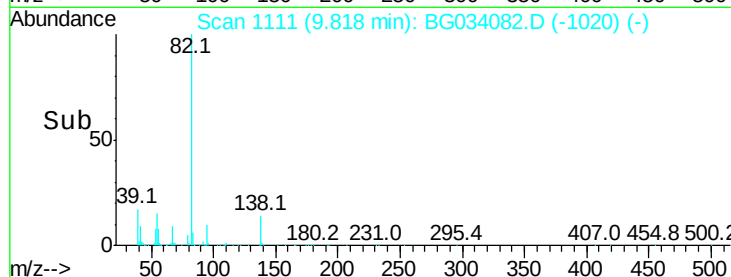
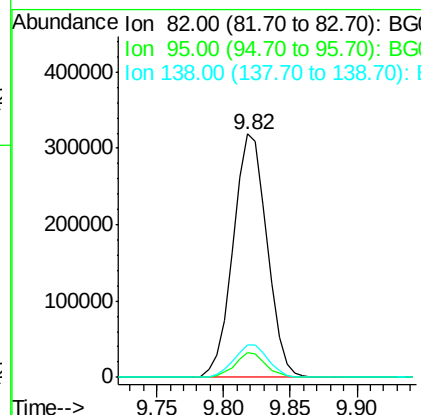
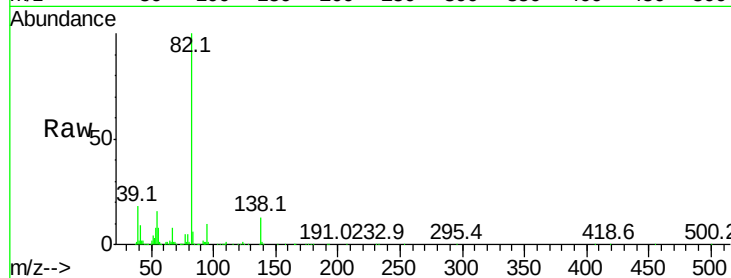
ClientSampleId :

ICVBG050118

Tot Ion:	82	Resp:	562509
Ion Ratio	Lower	Upper	
82	100		
95	10.0	6.2	9.2#
138	13.4	12.1	18.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.451 ng

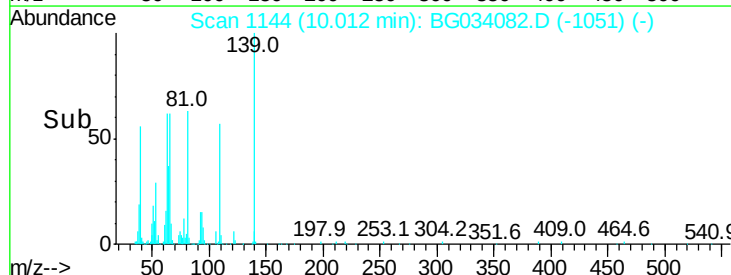
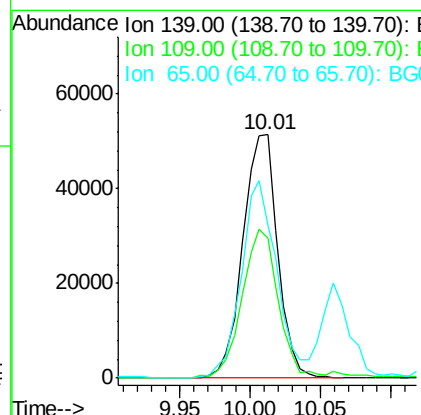
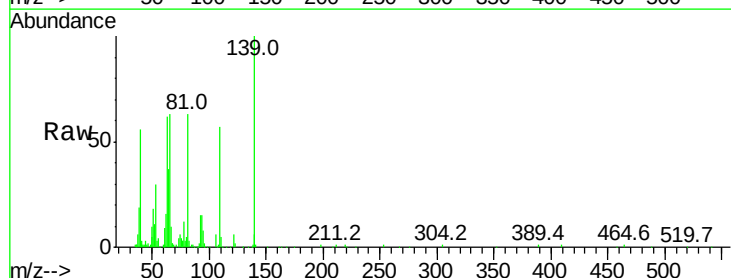
RT: 10.01 min Scan# 1144

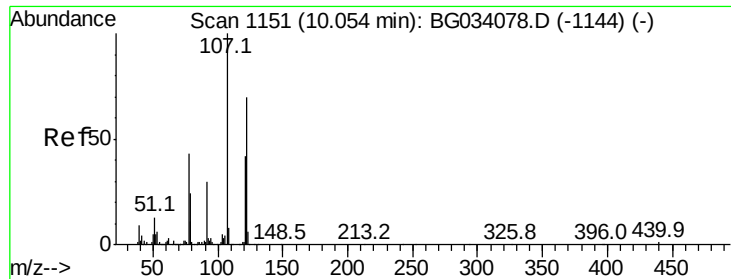
Delta R.T. 0.02 min

Lab File: BG034082.D

Acq: 1 May 2018 17:16

Tgt Ion:	139	Resp:	88591
Ion Ratio	Lower	Upper	
139	100		
109	57.2	24.2	36.2#
65	62.6	47.4	71.0





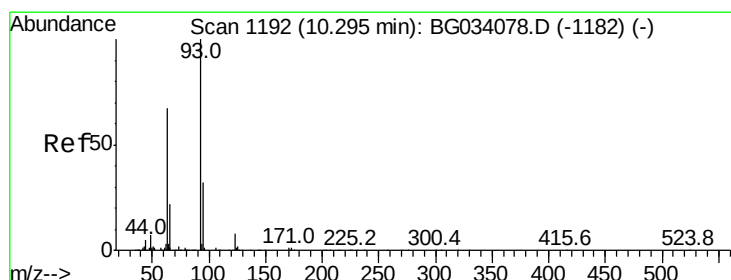
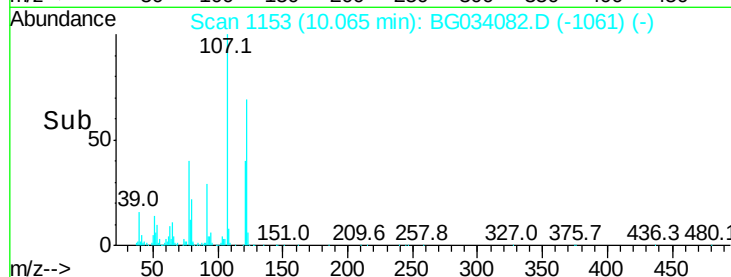
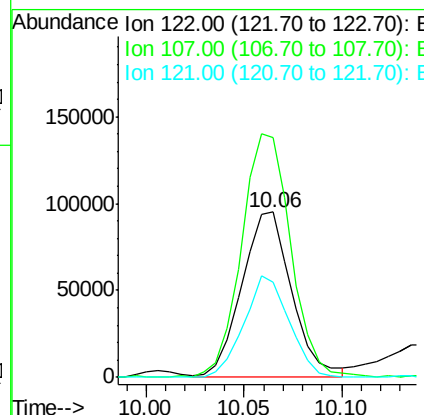
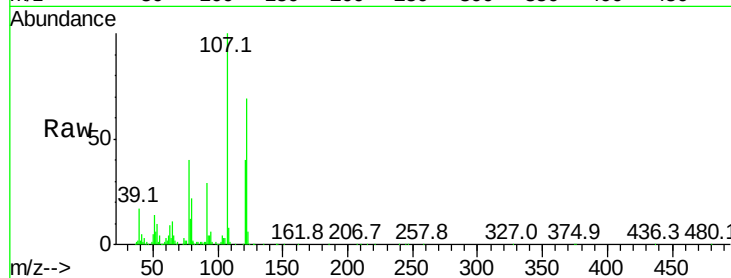
#27
2,4-Dimethylphenol
Concen: 39.265 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.01 min
Lab File: BG034082.D
Acq: 1 May 2018 17:16

Instrument :
BNA_G
ClientSampleId :
ICVBG050118

Tot Ion	Ratio	Lower	Upper
122	100		
107	145.1	100.2	150.2
121	57.6	44.4	66.6

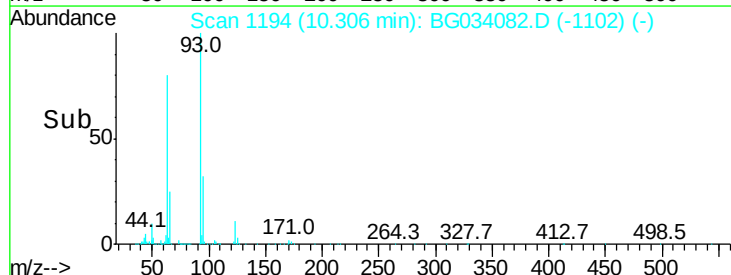
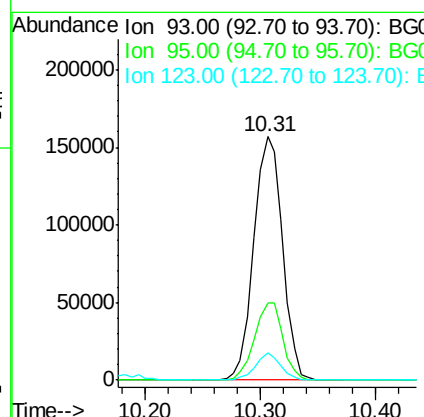
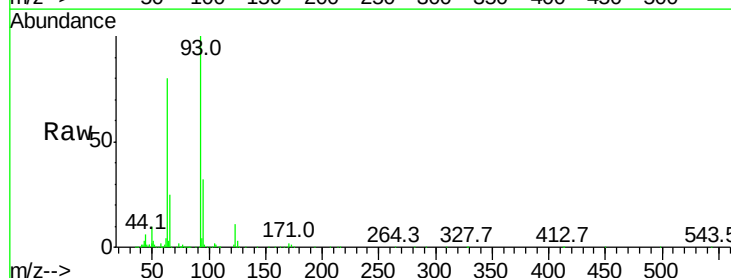
Manual Integrations
APPROVED

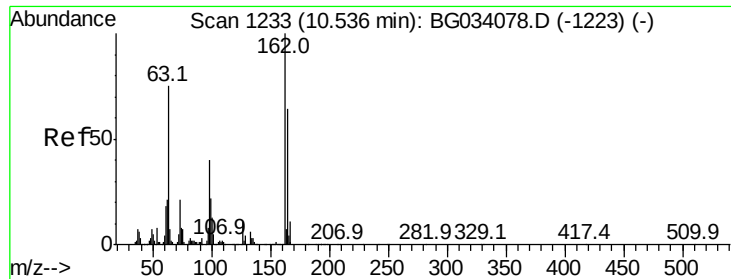
Sohil
5/2/2018 4:50:39 PM



#28
bis(2-Chloroethoxy)methane
Concen: 37.518 ng
RT: 10.31 min Scan# 1194
Delta R.T. 0.01 min
Lab File: BG034082.D
Acq: 1 May 2018 17:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.7	24.3	36.5
123	11.0	8.4	12.6





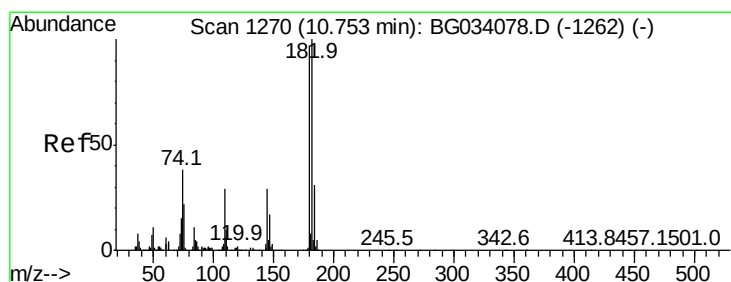
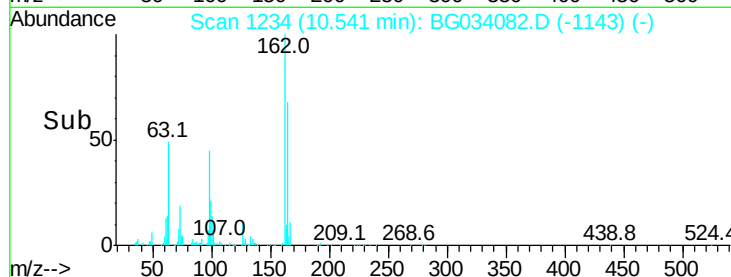
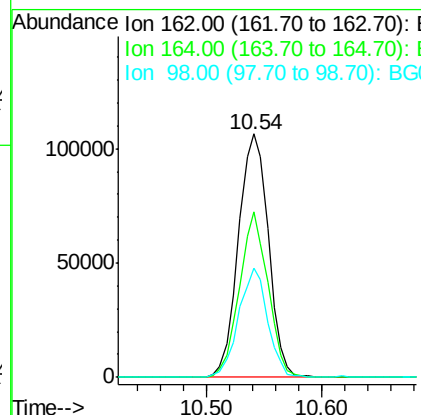
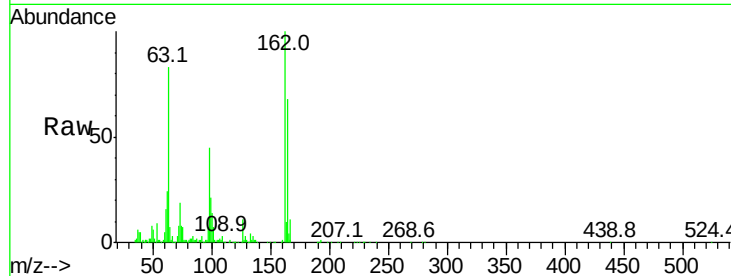
#29
 2,4-Dichlorophenol
 Concen: 37.667 ng
 RT: 10.54 min Scan# 1234
 Delta R.T. 0.01 min
 Lab File: BG034082.D
 Acq: 1 May 2018 17:16

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG050118

Tot Ion	Ratio	Resp	Lower	Upper
162	100	191165		
164	68.0	48.0	88.0	
98	44.9	21.1	61.1	

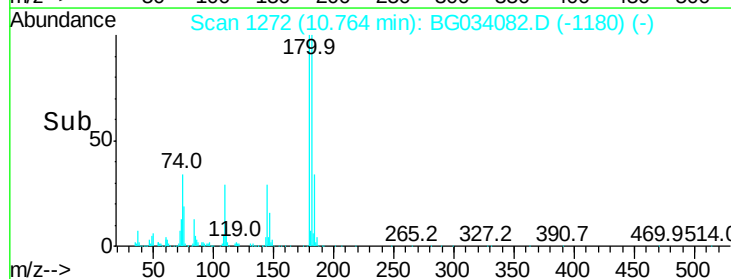
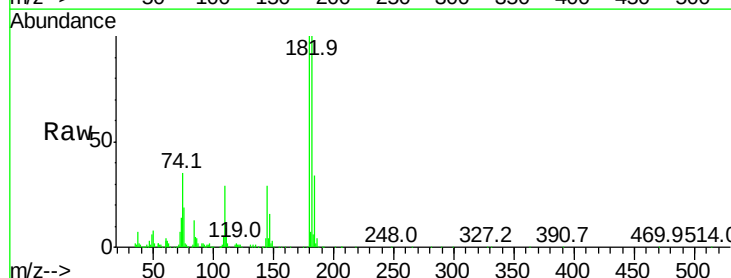
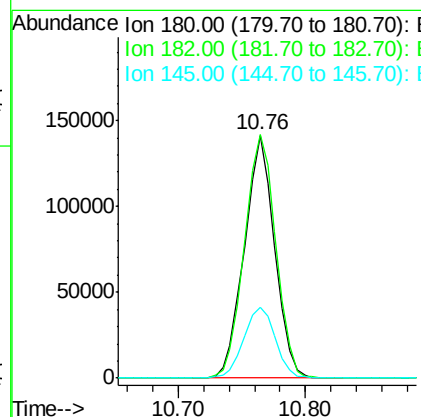
Manual Integrations
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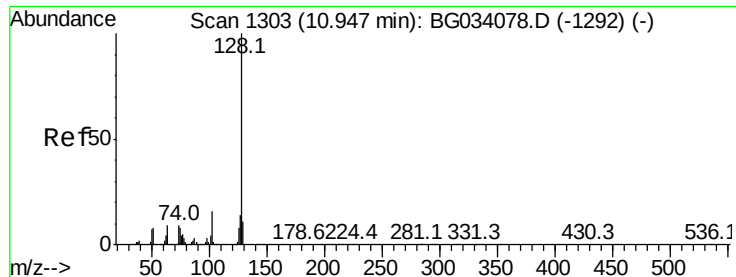
Sohil
 5/2/2018 4:50:39 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.264 ng
 RT: 10.76 min Scan# 1272
 Delta R.T. 0.01 min
 Lab File: BG034082.D
 Acq: 1 May 2018 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	233831		
182	100.2	77.5	116.3	
145	29.4	23.4	35.2	





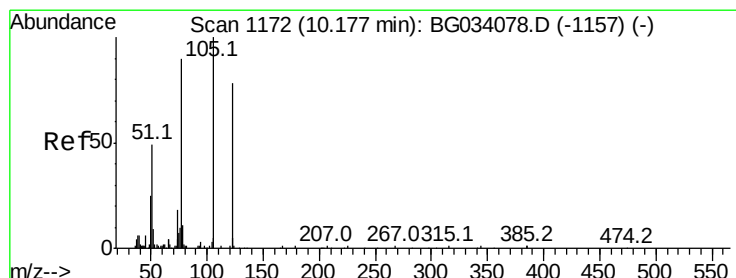
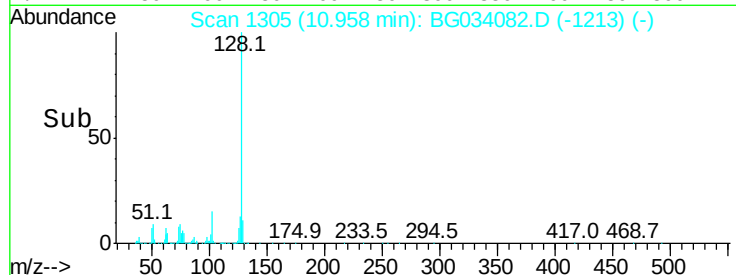
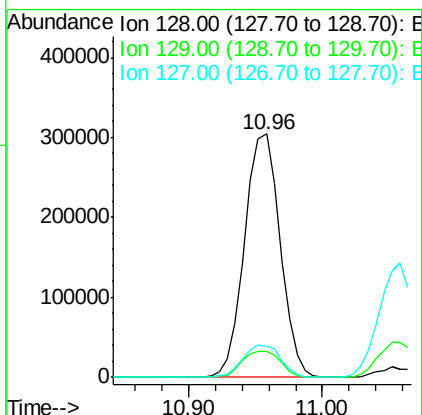
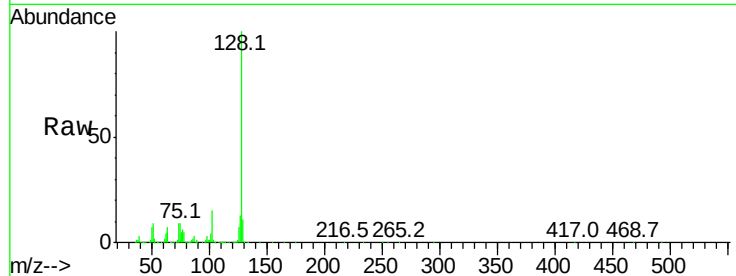
#31
Naphthalene
Concen: 38.479 ng
RT: 10.96 min Scan# 1305
Delta R.T. 0.01 min
Lab File: BG034082.D
Acq: 1 May 2018 17:16

Instrument :
BNA_G
ClientSampleId :
ICVBG050118

Tot Ion	Ratio	Resp	Lower	Upper
128	100	560854		
129	10.8		8.6	12.8
127	12.8		11.6	17.4

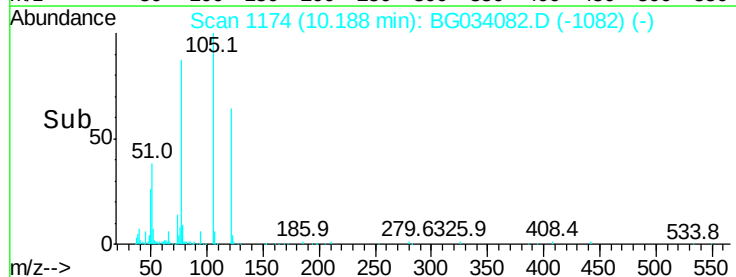
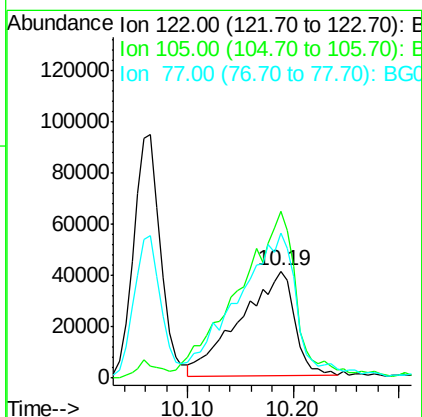
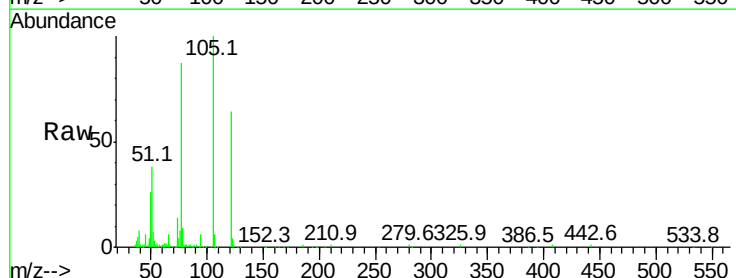
Manual Integrations
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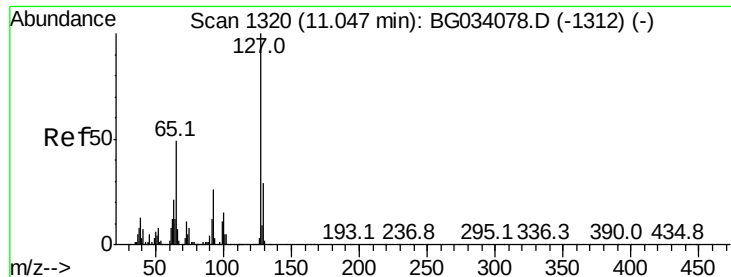
Sohil
5/2/2018 4:50:39 PM



#32
Benzoic acid
Concen: 39.707 ng
RT: 10.19 min Scan# 1174
Delta R.T. 0.01 min
Lab File: BG034082.D
Acq: 1 May 2018 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	145096		
105	156.1		123.5	163.5
77	136.1		85.7	125.7#





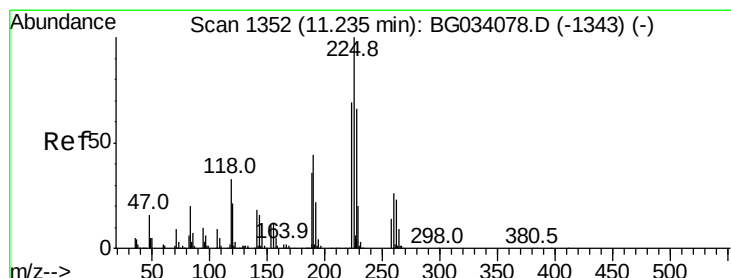
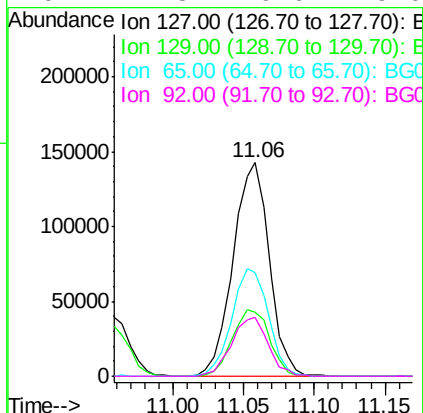
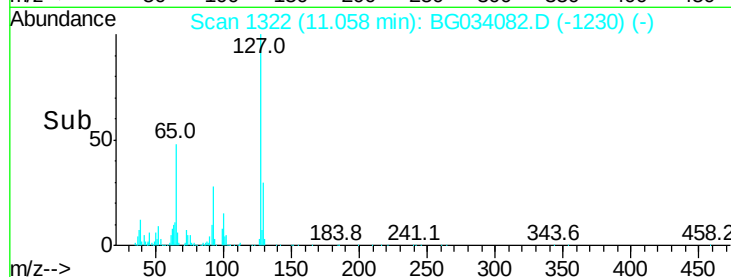
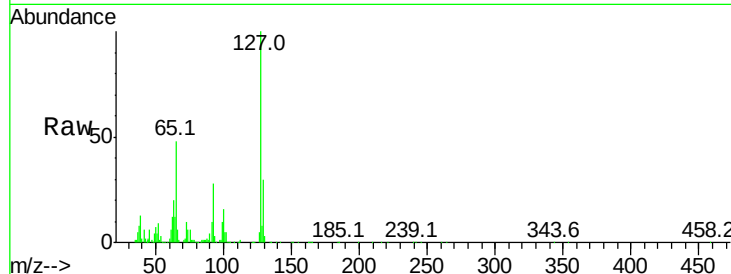
#33
4-Chloroaniline
Concen: 38.824 ng
RT: 11.06 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BG034082.D
Acq: 1 May 2018 17:16

Instrument :
BNA_G
ClientSampleId :
ICVBG050118

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	30.1	24.0	36.0
65	48.5	27.0	40.4
92	27.8	16.6	25.0

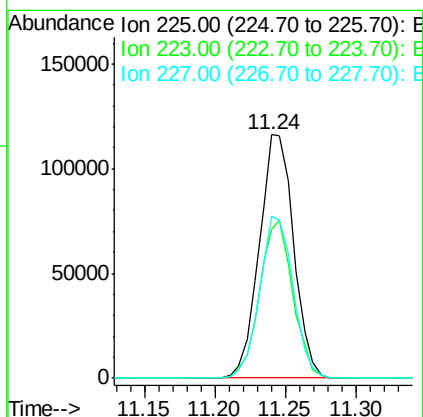
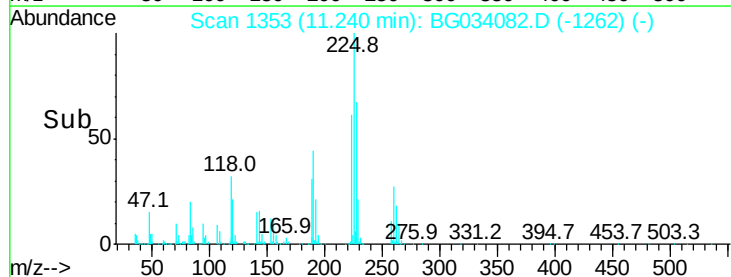
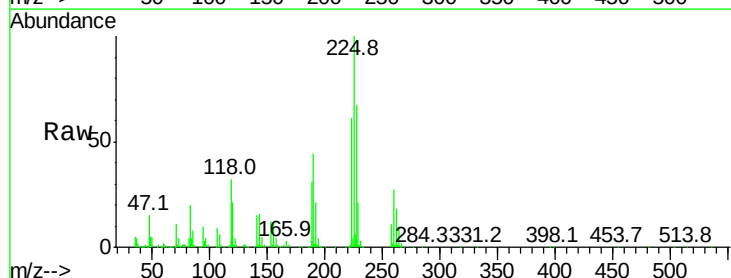
Manual Integrations
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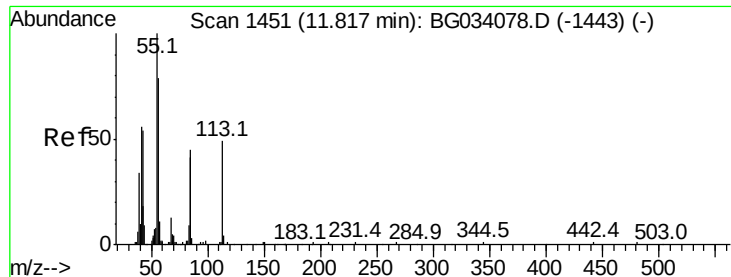
Sohil
5/2/2018 4:50:39 PM



#34
Hexachlorobutadiene
Concen: 38.353 ng
RT: 11.24 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BG034082.D
Acq: 1 May 2018 17:16

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	61.0	49.7	74.5
227	66.6	48.1	72.1





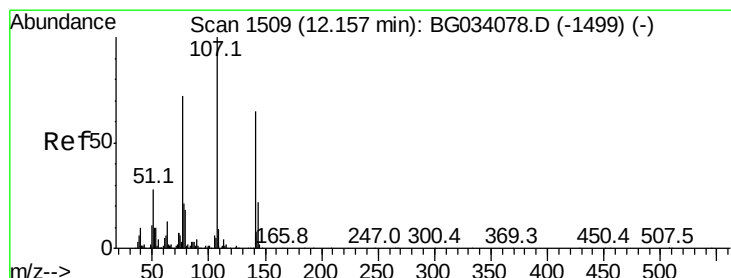
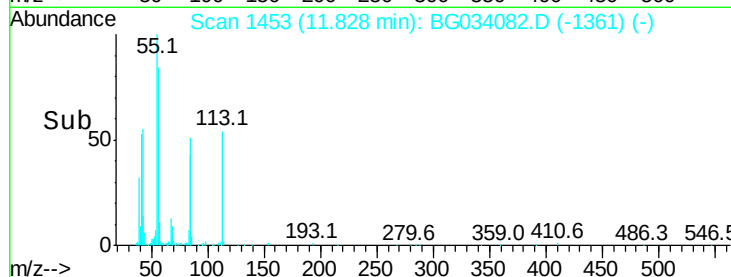
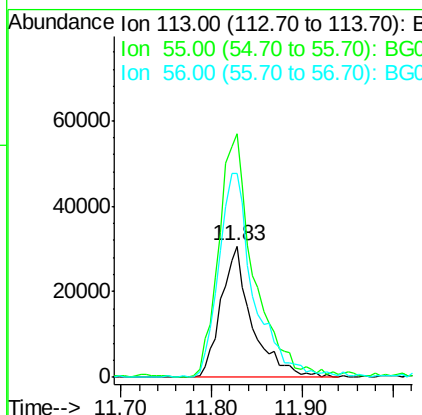
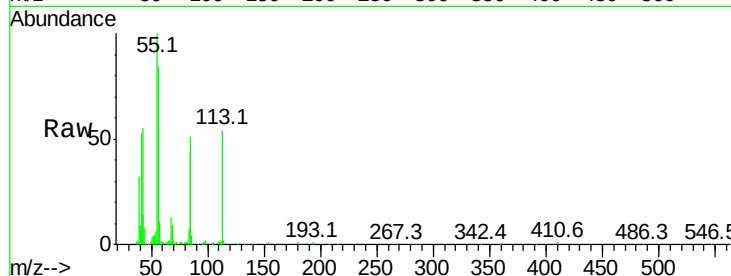
#35
 Caprolactam
 Concen: 40.364 ng
 RT: 11.83 min Scan# 1453
 Delta R.T. 0.01 min
 Lab File: BG034082.D
 Acq: 1 May 2018 17:16

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG050118

Tot Ion	Ratio	Lower	Upper
113	100		
55	185.5	186.9	226.9#
56	155.1	130.9	170.9

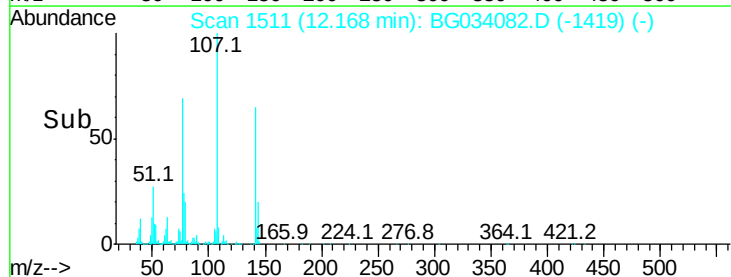
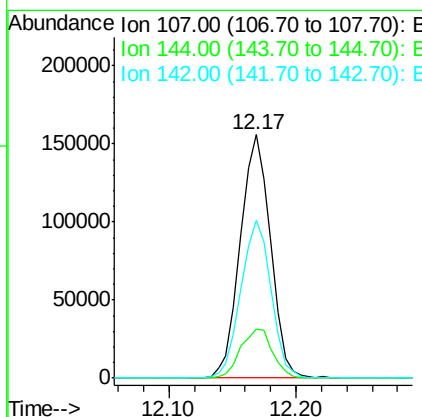
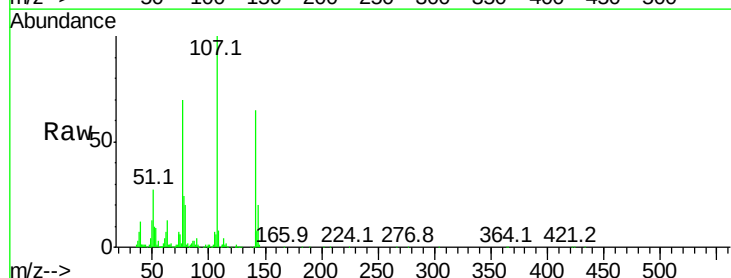
Manual Integrations
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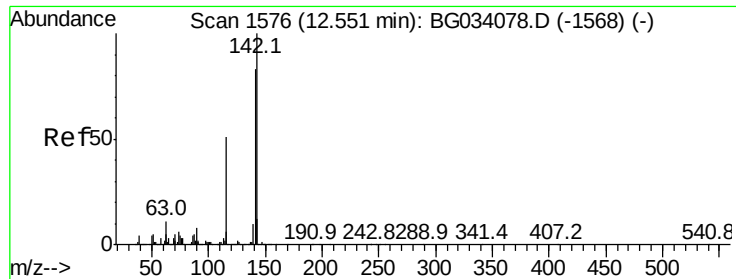
Sohil
 5/2/2018 4:50:39 PM



#36
 4-Chloro-3-methylphenol
 Concen: 39.181 ng
 RT: 12.17 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: BG034082.D
 Acq: 1 May 2018 17:16

Tgt Ion	Ratio	Lower	Upper
107	100		
144	20.4	18.2	27.4
142	64.9	59.0	88.4





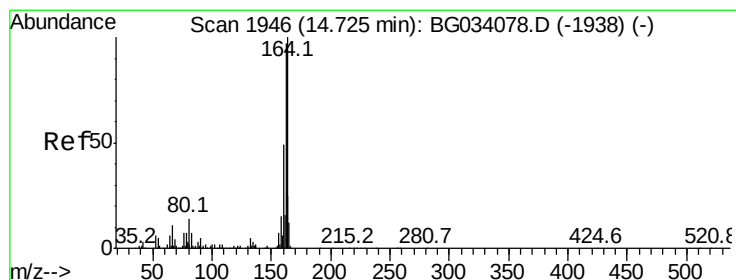
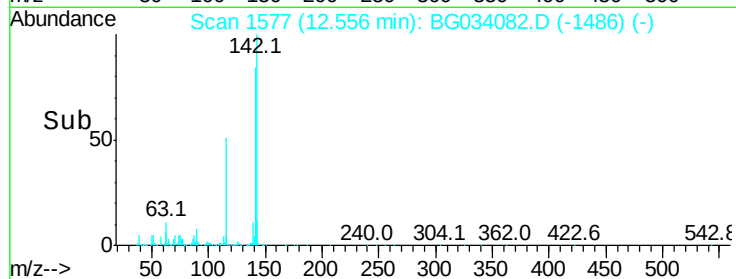
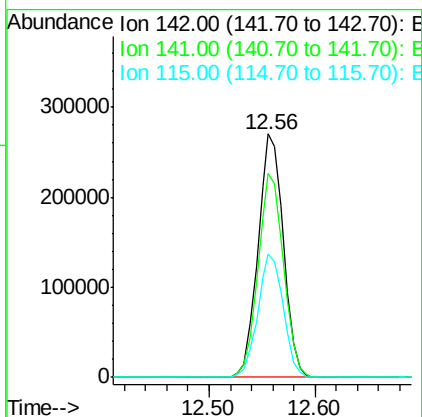
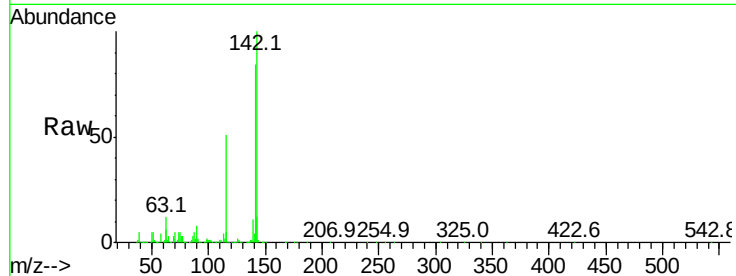
#37
2-Methylnaphthalene
Concen: 38.195 ng
RT: 12.56 min Scan# 1577
Delta R.T. 0.01 min
Lab File: BG034082.D
Acq: 1 May 2018 17:16

Instrument :
BNA_G
ClientSampleId :
ICVBG050118

Tot Ion	Ratio	Lower	Upper
142	100		
141	83.7	67.1	100.7
115	50.7	30.7	46.1

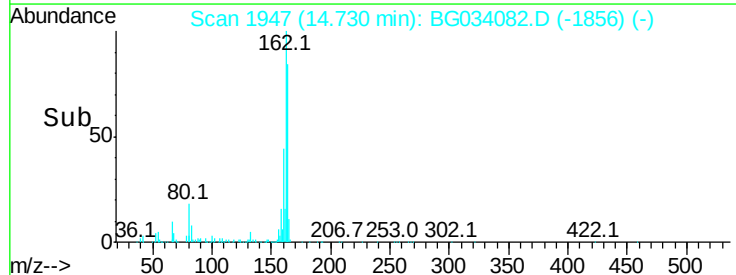
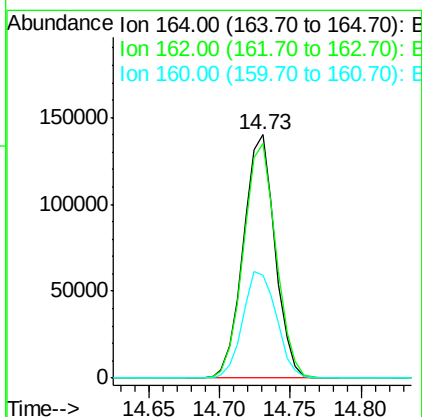
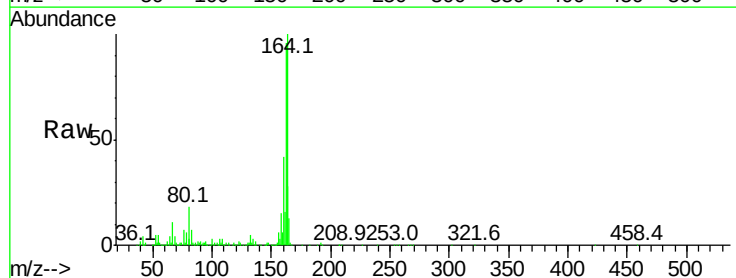
Manual Integrations
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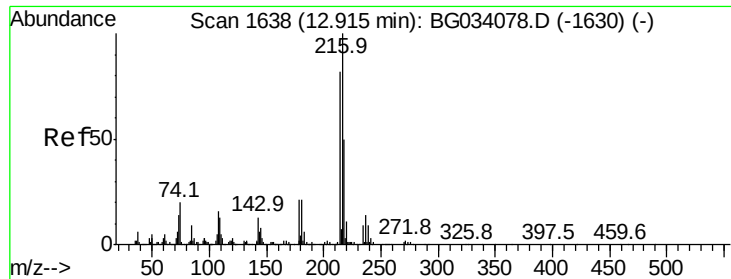
Sohil
5/2/2018 4:50:39 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. 0.01 min
Lab File: BG034082.D
Acq: 1 May 2018 17:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.4	78.8	118.2
160	42.0	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.466 ng

RT: 12.92 min Scan# 1639

Delta R.T. 0.01 min

Lab File: BG034082.D

Acq: 1 May 2018 17:16

Instrument :

BNA_G

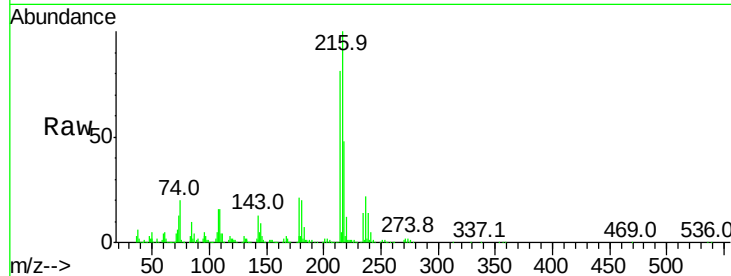
ClientSampleId :

ICVBG050118

Tot Ion	Ratio	Resp	Lower	Upper
216	100	326788		
214	79.9	63.0	94.4	
179	19.9	17.0	25.6	
108	17.2	12.8	19.2	

Manual Integrations
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5/2/2018 4:50:39 PM



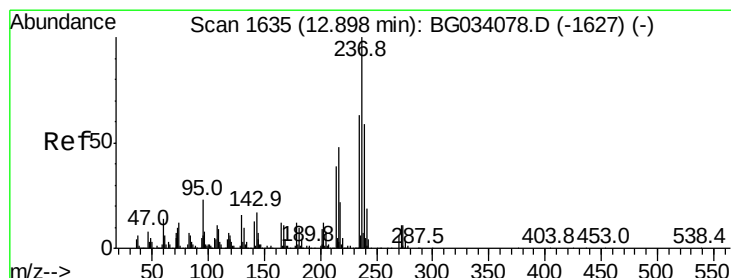
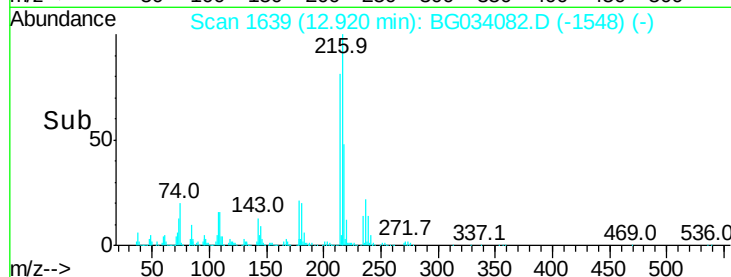
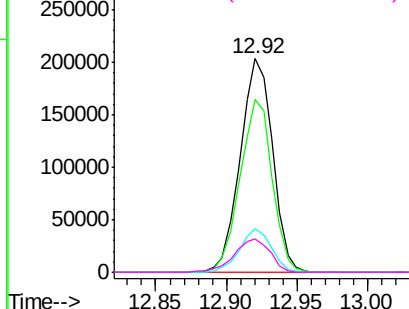
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 38.928 ng

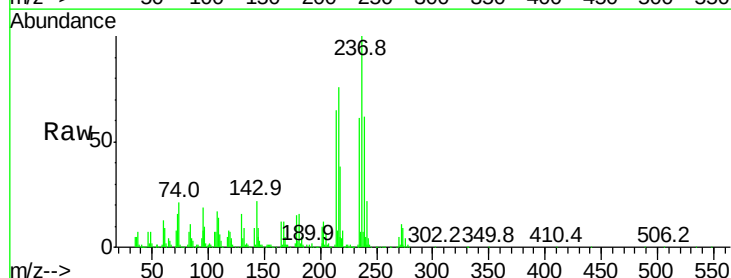
RT: 12.91 min Scan# 1637

Delta R.T. 0.01 min

Lab File: BG034082.D

Acq: 1 May 2018 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	195957		
235	61.0	50.4	90.4	
272	11.0	0.0	31.8	

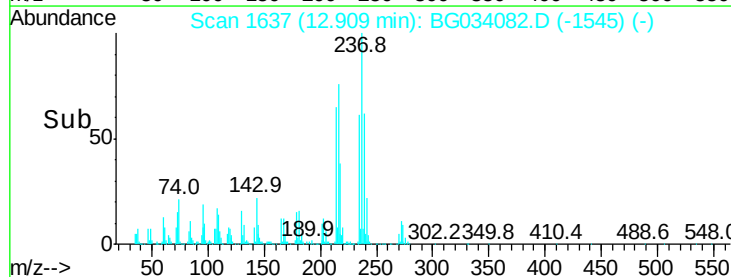
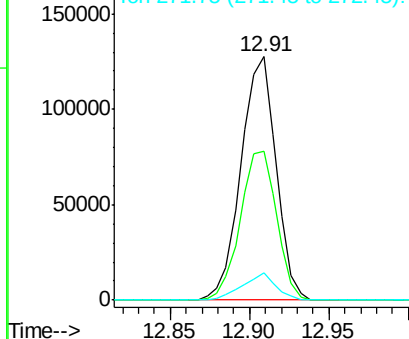


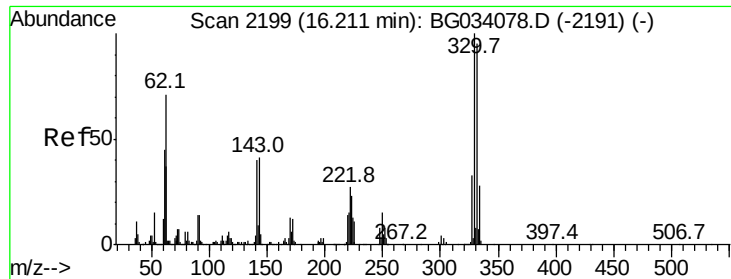
Abundance

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





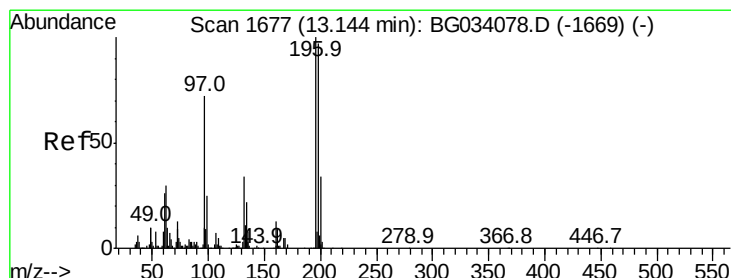
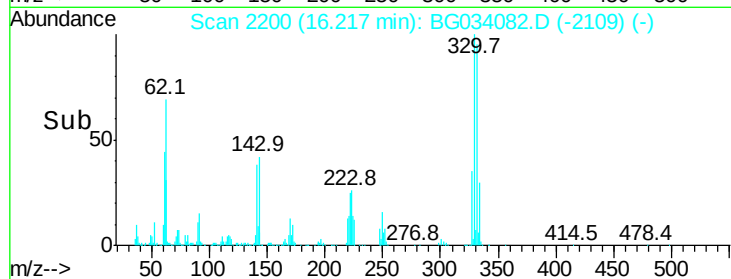
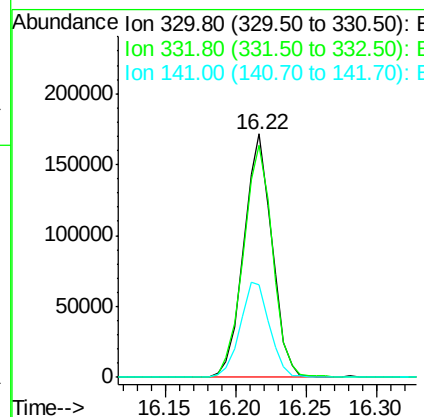
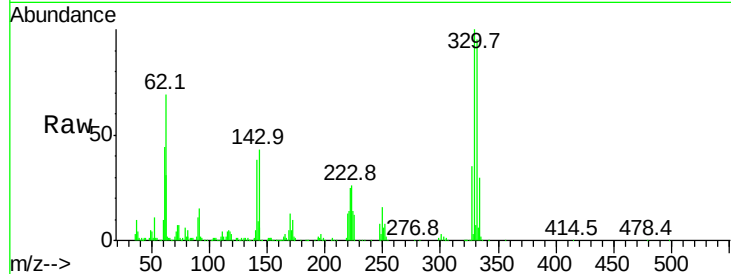
#41
 2,4,6-Tribromophenol
 Concen: 78.983 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: BG034082.D
 Acq: 1 May 2018 17:16

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG050118

Tot Ion	Ratio	Resp	Lower	Upper
330	100	240113		
332	98.5	77.0	115.6	
141	41.0	25.2	37.8	

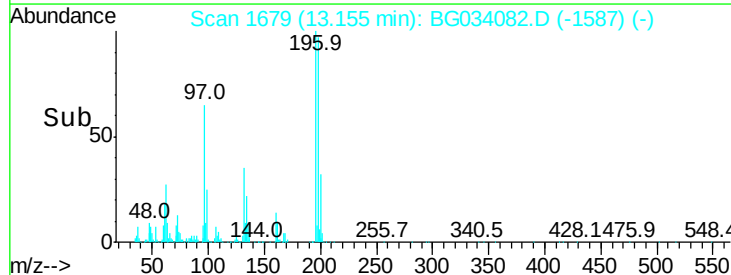
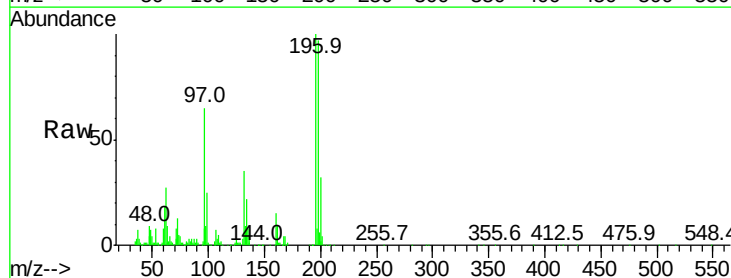
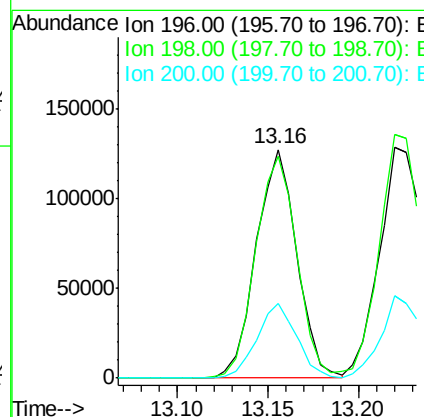
Manual Integrations
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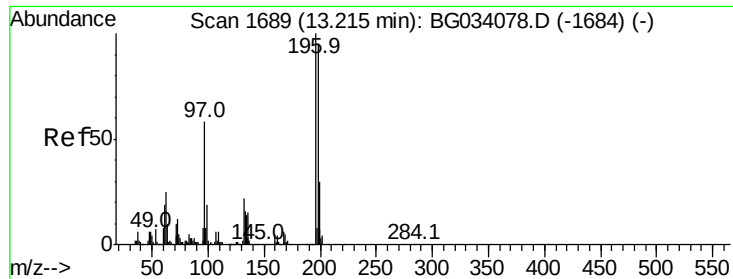
Sohil
 5/2/2018 4:50:39 PM



#42
 2,4,6-Trichlorophenol
 Concen: 40.144 ng
 RT: 13.16 min Scan# 1679
 Delta R.T. 0.01 min
 Lab File: BG034082.D
 Acq: 1 May 2018 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	198148		
198	97.1	78.2	117.2	
200	32.5	24.6	36.8	





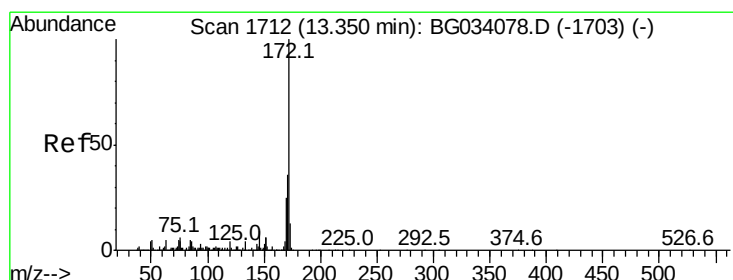
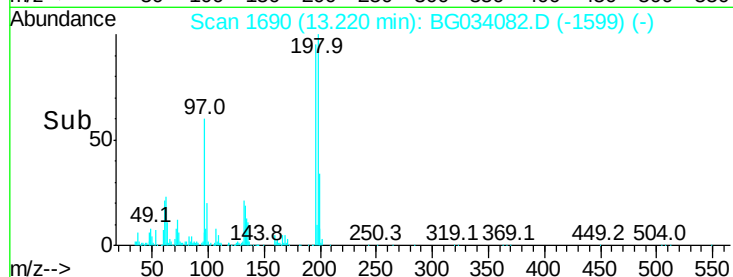
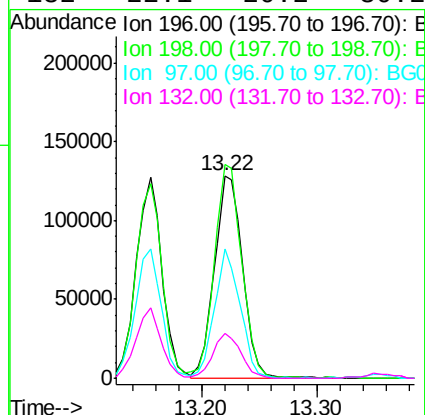
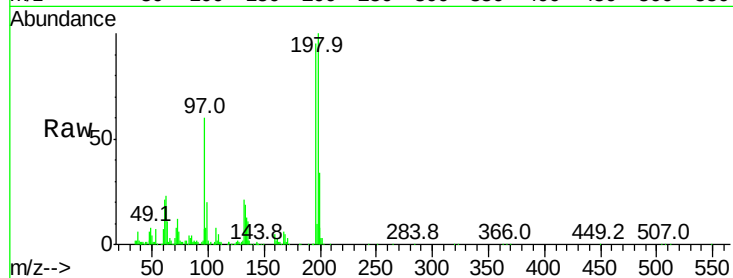
#43
 2,4,5-Trichlorophenol
 Concen: 39.770 ng
 RT: 13.22 min Scan# 1690
 Delta R.T. 0.01 min
 Lab File: BG034082.D
 Acq: 1 May 2018 17:16

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG050118

Tot Ion	Ratio	Resp	Lower	Upper
196	100	217012		
198	105.4	76.2	114.4	
97	63.6	38.7	58.1	
132	22.1	20.2	30.2	

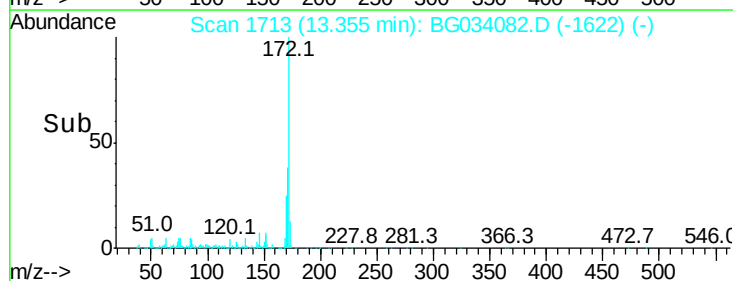
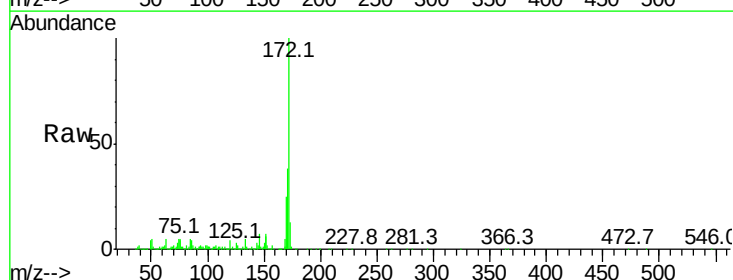
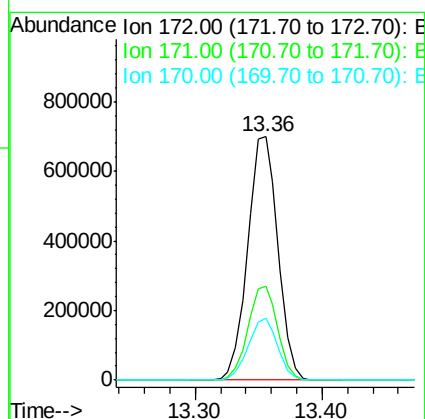
Manual Integrations
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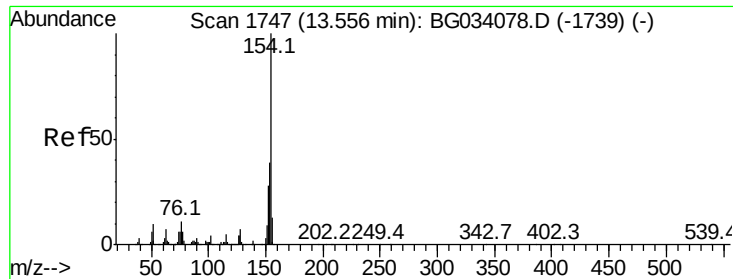
Sohil
 5/2/2018 4:50:39 PM



#44
 2-Fluorobiphenyl
 Concen: 76.510 ng
 RT: 13.36 min Scan# 1713
 Delta R.T. 0.01 min
 Lab File: BG034082.D
 Acq: 1 May 2018 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1152746		
171	38.3	30.0	45.0	
170	25.2	19.5	29.3	





#45

1,1'-Biphenyl

Concen: 37.812 ng

RT: 13.57 min Scan# 1749

Delta R.T. 0.01 min

Lab File: BG034082.D

Acq: 1 May 2018 17:16

Instrument :

BNA_G

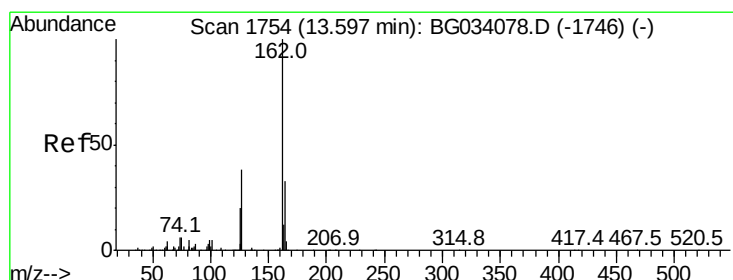
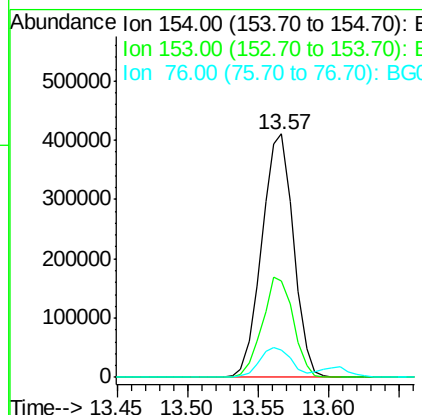
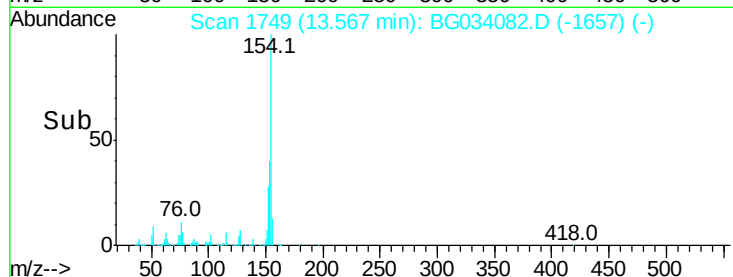
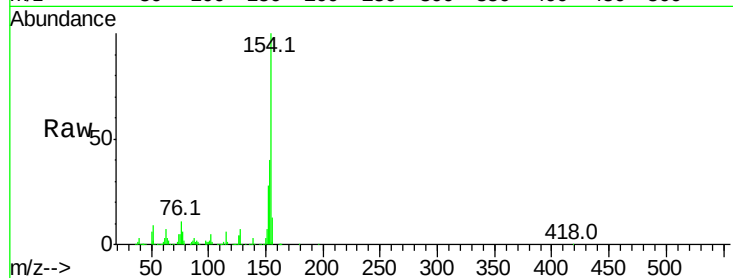
ClientSampleId :

ICVBG050118

Tot Ion:	154	Resp:	648502
Ion Ratio	Lower	Upper	
154	100		
153	39.8	19.8	59.8
76	11.4	0.0	31.9

Manual Integrations
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5/2/2018 4:50:39 PM



#46

2-Chloronaphthalene

Concen: 38.563 ng

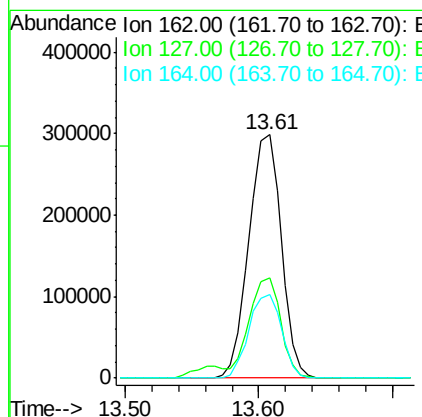
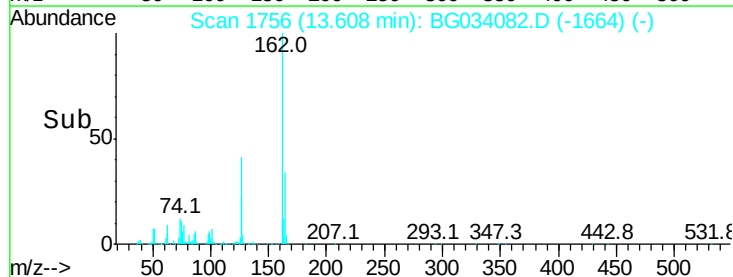
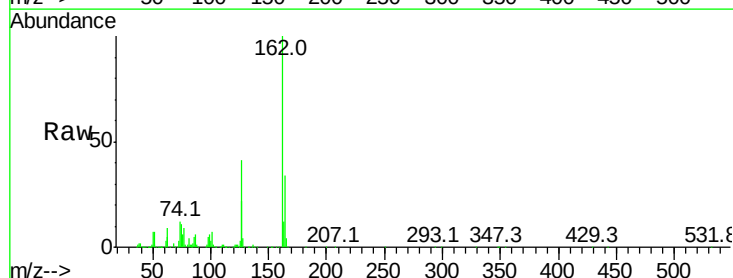
RT: 13.61 min Scan# 1756

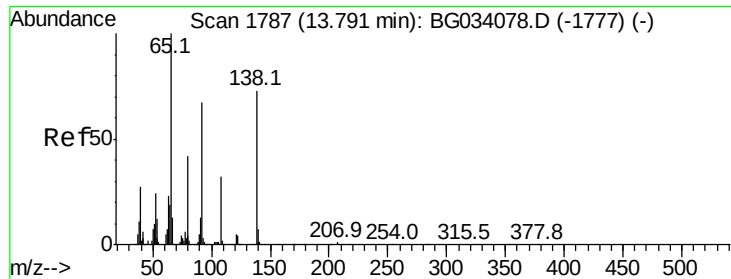
Delta R.T. 0.01 min

Lab File: BG034082.D

Acq: 1 May 2018 17:16

Tgt Ion:	162	Resp:	500719
Ion Ratio	Lower	Upper	
162	100		
127	41.2	30.7	46.1
164	34.4	26.0	39.0





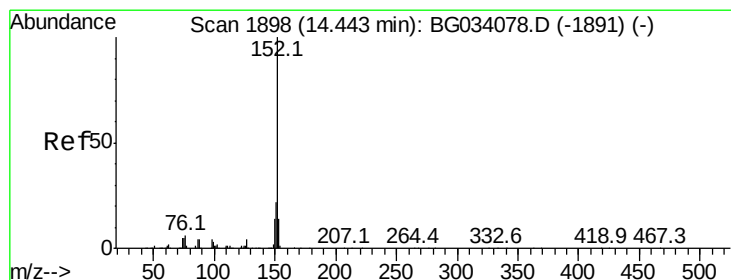
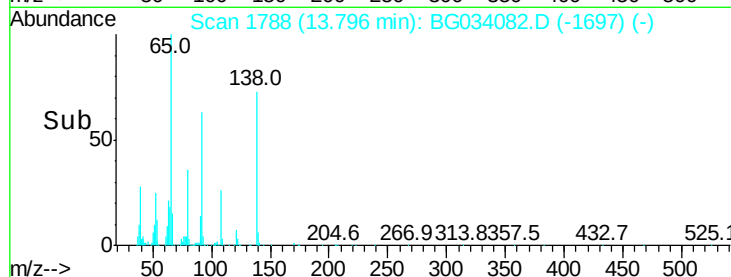
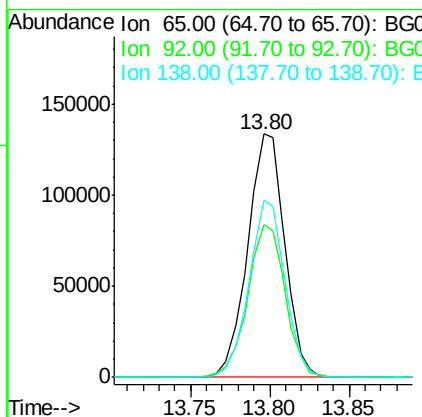
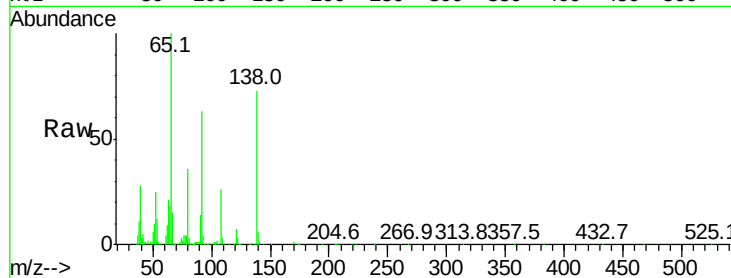
#47
 2-Nitroaniline
 Concen: 41.718 ng
 RT: 13.80 min Scan# 1788
 Delta R.T. 0.01 min
 Lab File: BG034082.D
 Acq: 1 May 2018 17:16

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG050118

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.7	54.6	82.0
138	73.0	72.9	109.3

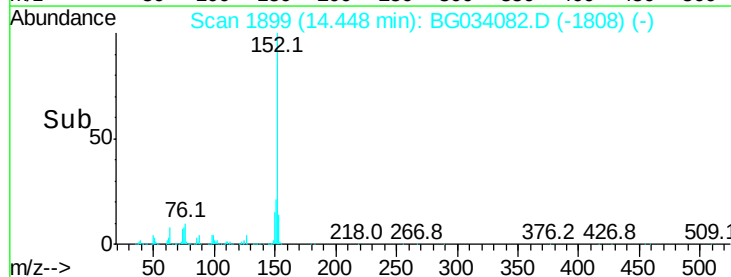
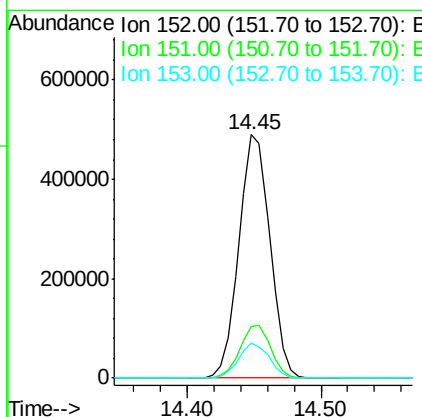
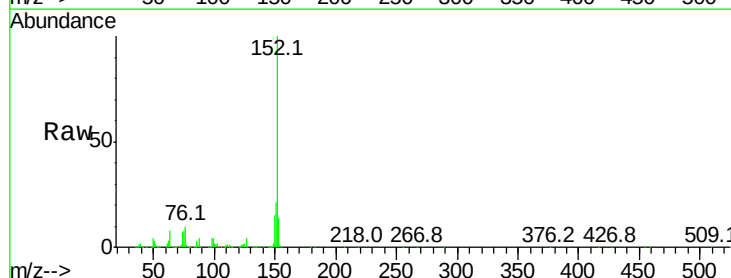
Manual Integrations
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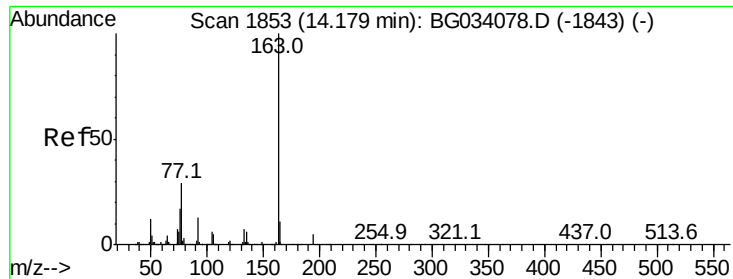
Sohil
 5/2/2018 4:50:39 PM



#48
 Acenaphthylene
 Concen: 37.838 ng
 RT: 14.45 min Scan# 1899
 Delta R.T. 0.01 min
 Lab File: BG034082.D
 Acq: 1 May 2018 17:16

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.2	25.8
153	14.5	10.2	15.4





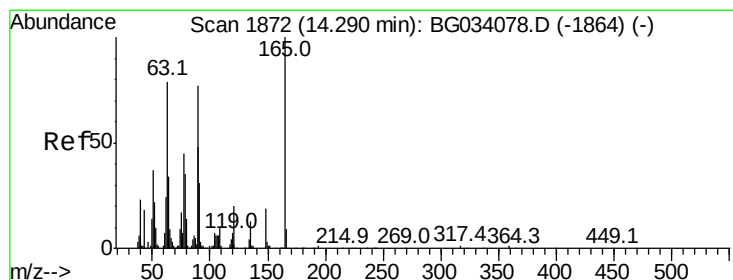
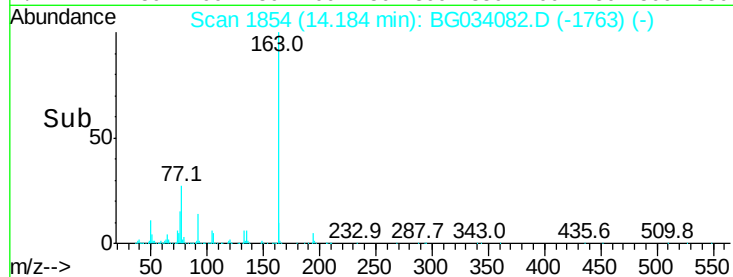
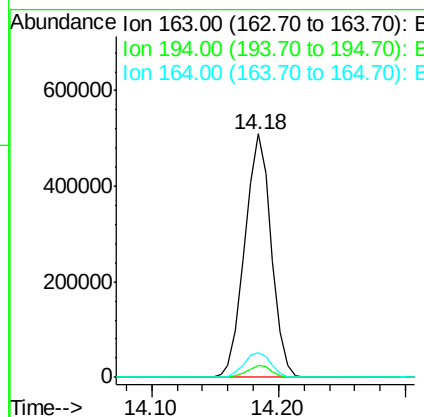
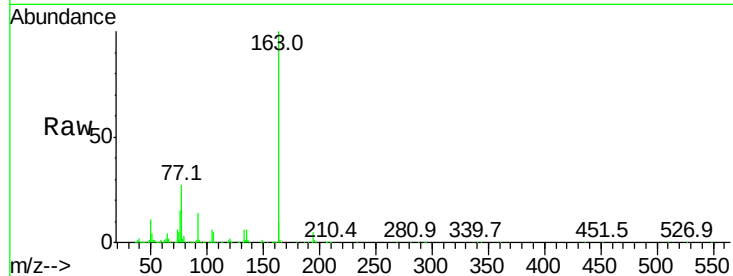
#49
Dimethylphthalate
Concen: 38.660 ng
RT: 14.18 min Scan# 1854
Delta R.T. 0.01 min
Lab File: BG034082.D
Acq: 1 May 2018 17:16

Instrument :
BNA_G
ClientSampleId :
ICVBG050118

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	5.1	3.4	5.2	
164	10.1	8.2	12.4	

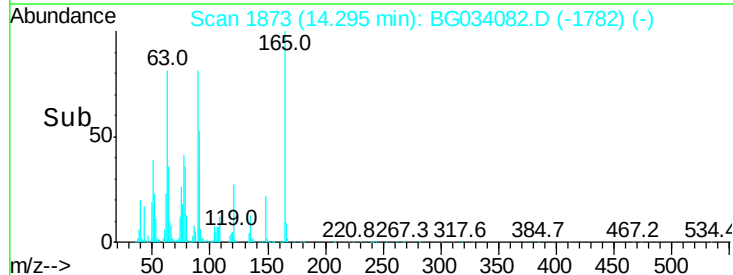
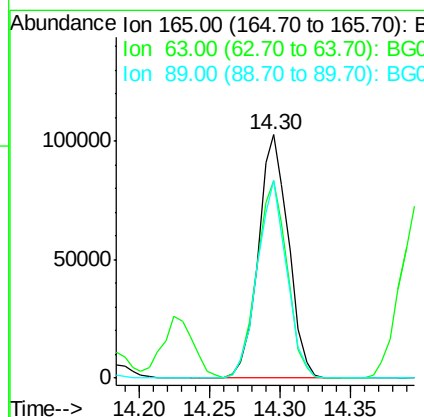
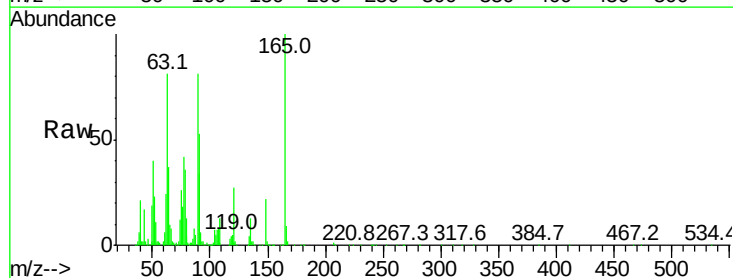
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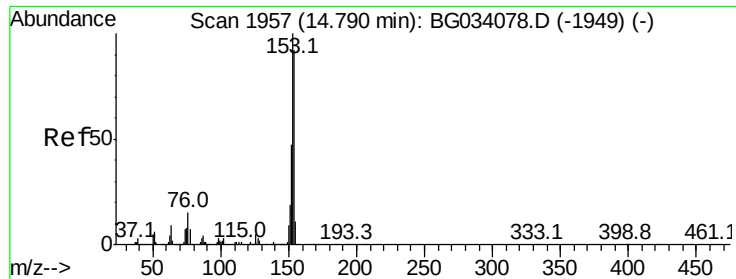
Sohil
5/2/2018 4:50:39 PM



#50
2,6-Dinitrotoluene
Concen: 41.941 ng
RT: 14.30 min Scan# 1873
Delta R.T. 0.01 min
Lab File: BG034082.D
Acq: 1 May 2018 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	81.1	52.7	79.1#	
89	81.4	49.2	73.8#	





#51

Acenaphthene

Concen: 38.932 ng

RT: 14.79 min Scan# 1958

Delta R.T. 0.01 min

Lab File: BG034082.D

Acq: 1 May 2018 17:16

Instrument :

BNA_G

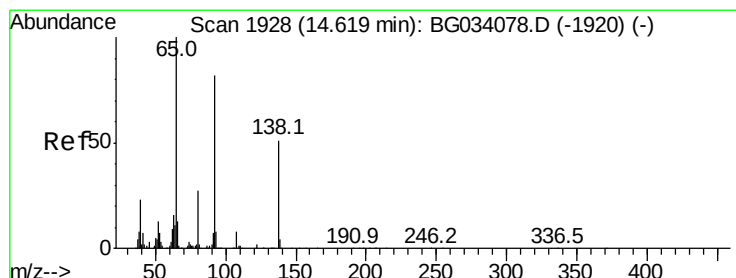
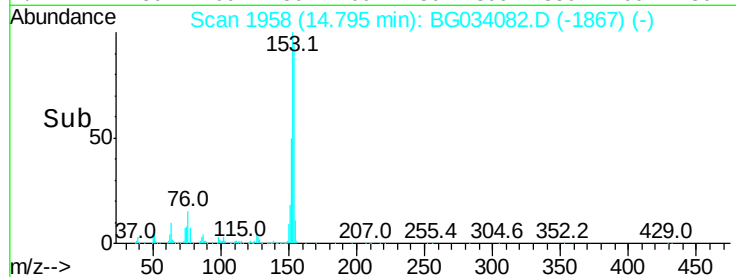
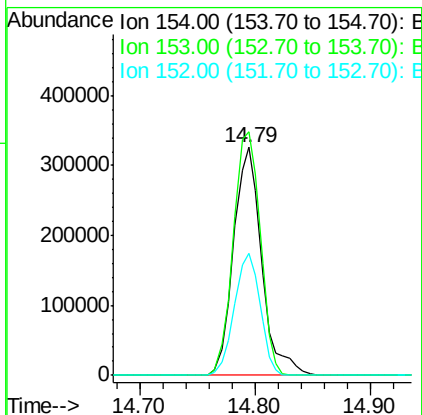
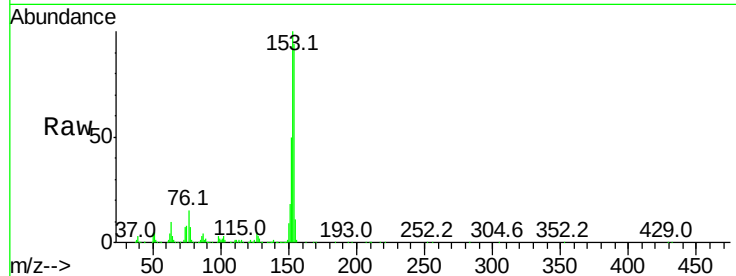
ClientSampleId :

ICVBG050118

Tot Ion:	154	Resp:	548528
Ion Ratio	Lower	Upper	
154	100		
153	106.7	90.4	135.6
152	53.4	41.6	62.4

Manual Integrations
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5/2/2018 4:50:39 PM



#52

3-Nitroaniline

Concen: 40.837 ng

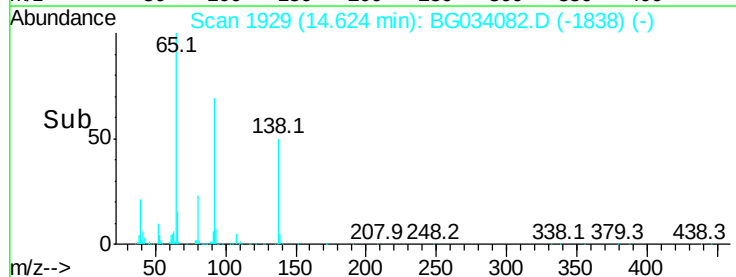
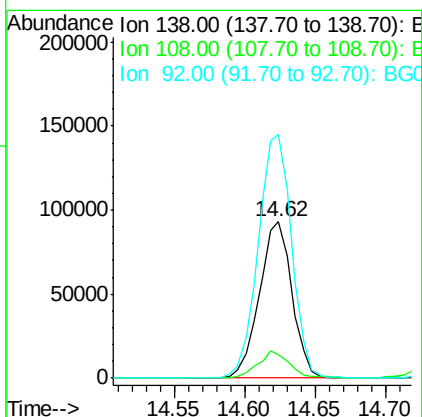
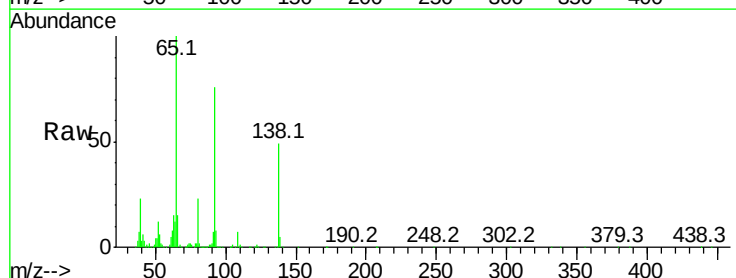
RT: 14.62 min Scan# 1929

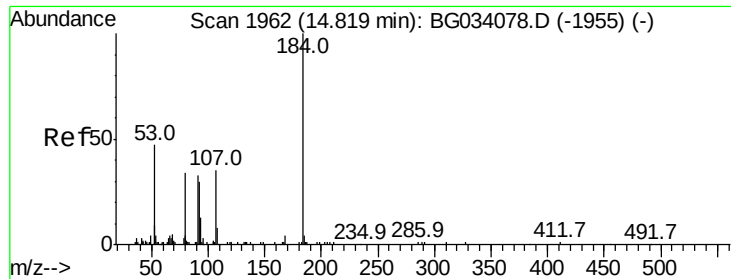
Delta R.T. 0.01 min

Lab File: BG034082.D

Acq: 1 May 2018 17:16

Tgt Ion:	138	Resp:	150496
Ion Ratio	Lower	Upper	
138	100		
108	14.9	17.5	26.3#
92	155.9	105.8	158.8





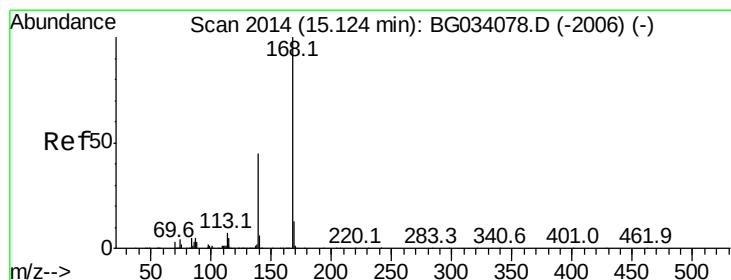
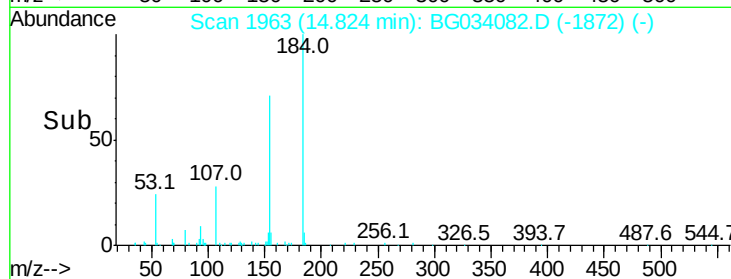
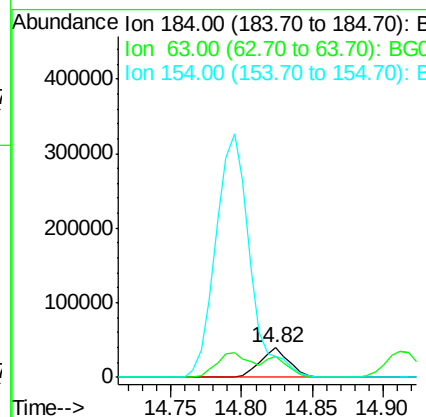
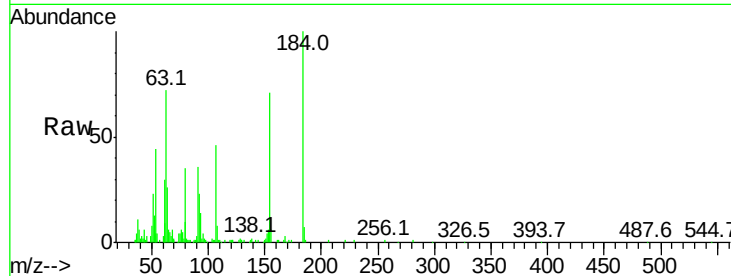
#53
2,4-Dinitrophenol
Concen: 40.696 ng
RT: 14.82 min Scan# 1963
Delta R.T. 0.01 min
Lab File: BG034082.D
Acq: 1 May 2018 17:16

Instrument :
BNA_G
ClientSampleId :
ICVBG050118

Tot Ion	Ratio	Lower	Upper
184	100		
63	72.3	59.8	89.8
154	71.0	101.8	152.8#

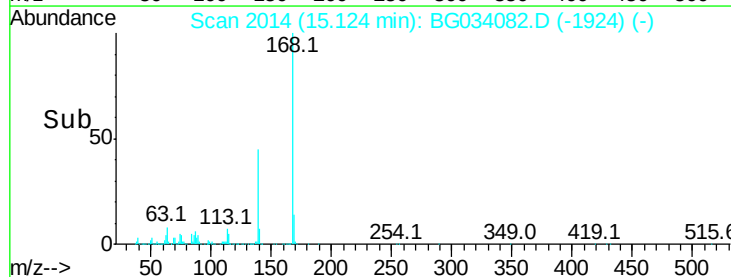
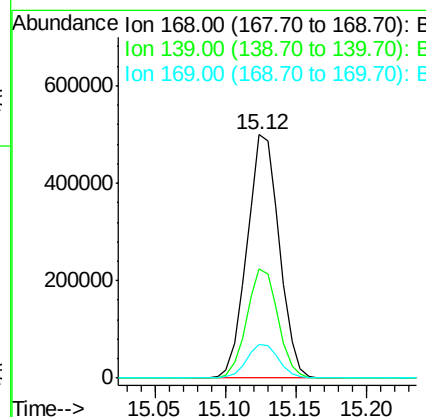
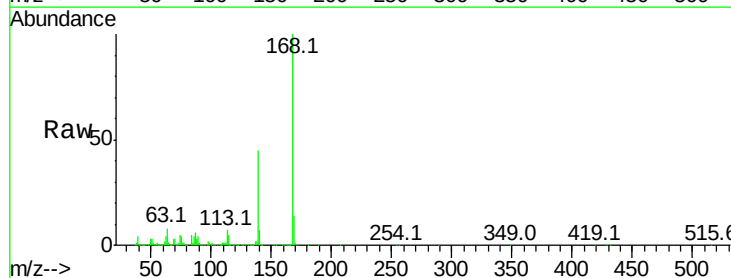
Manual Integrations
APPROVED

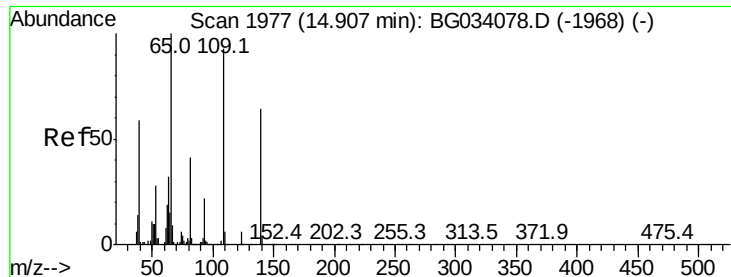
Sohil
5/2/2018 4:50:39 PM



#54
Dibenzofuran
Concen: 39.067 ng
RT: 15.12 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BG034082.D
Acq: 1 May 2018 17:16

Tgt Ion	Ratio	Lower	Upper
168	100		
139	44.7	28.6	43.0#
169	13.6	11.2	16.8





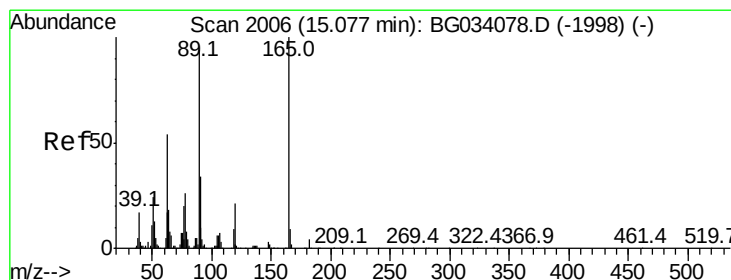
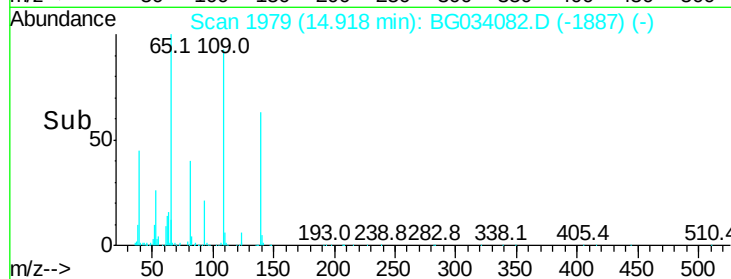
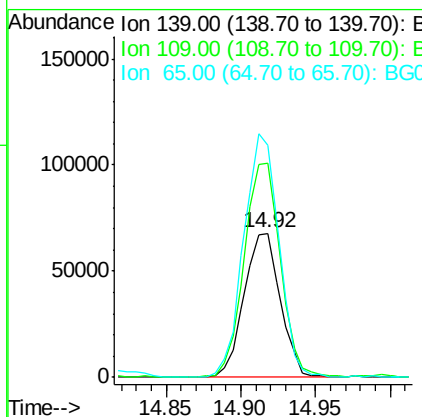
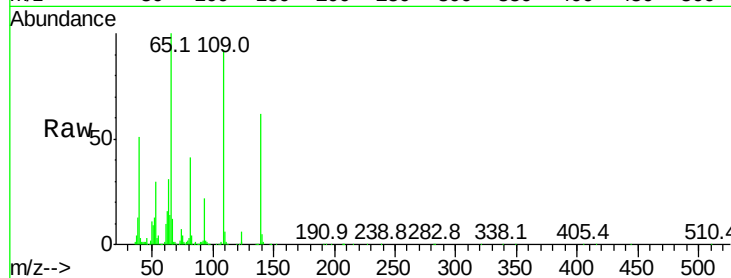
#55
4-Nitrophenol
Concen: 40.450 ng
RT: 14.92 min Scan# 1979
Delta R.T. 0.01 min
Lab File: BG034082.D
Acq: 1 May 2018 17:16

Instrument :
BNA_G
ClientSampleId :
ICVBG050118

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	148.3	62.2	102.2#	
65	160.8	97.2	137.2#	

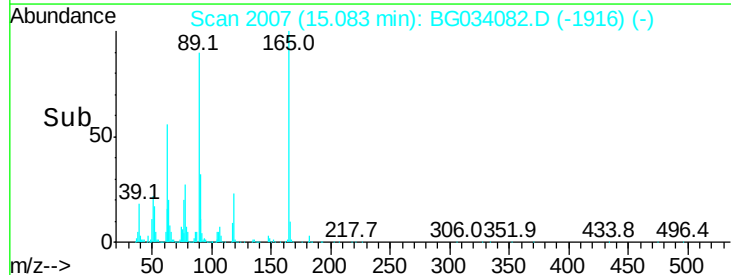
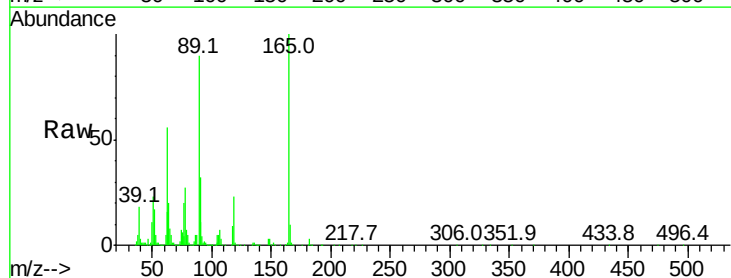
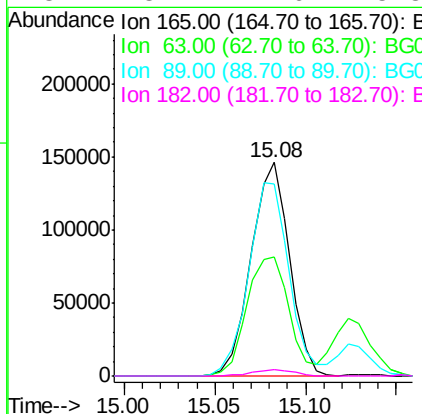
Manual Integrations
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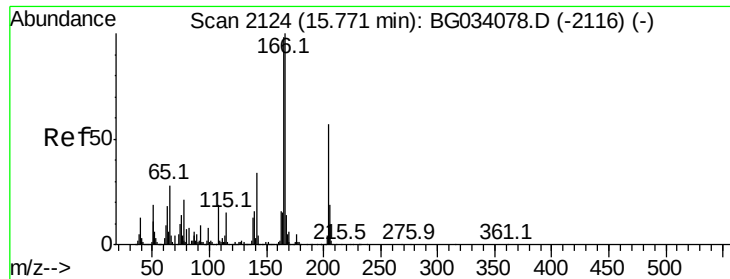
Sohil
5/2/2018 4:50:39 PM



#56
2,4-Dinitrotoluene
Concen: 43.245 ng
RT: 15.08 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BG034082.D
Acq: 1 May 2018 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	55.8	42.0	63.0	
89	89.9	66.9	100.3	
182	3.2	2.6	3.8	





#57

Fluorene

Concen: 37.352 ng

RT: 15.78 min Scan# 2125

Delta R.T. 0.01 min

Lab File: BG034082.D

Acq: 1 May 2018 17:16

Instrument :

BNA_G

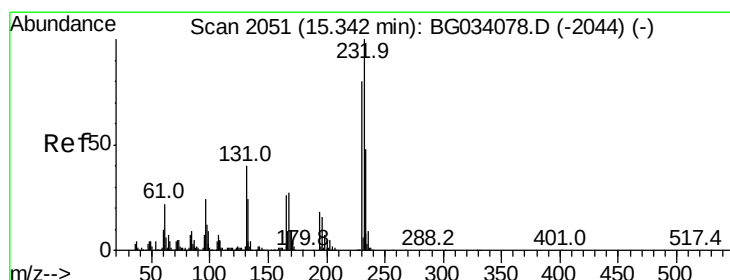
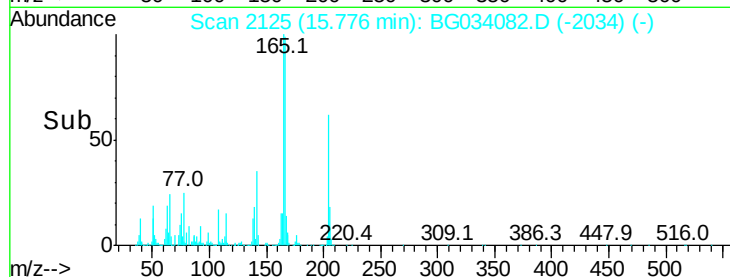
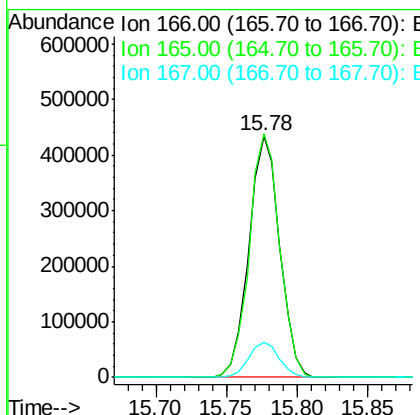
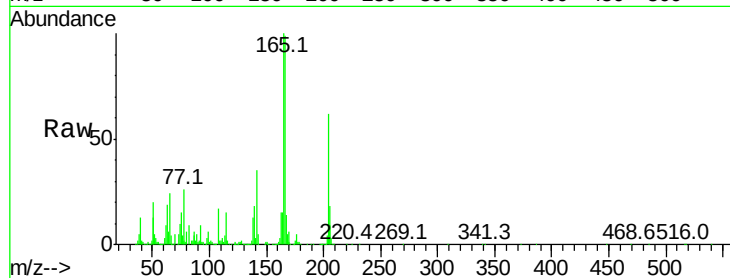
ClientSampleId :

ICVBG050118

Tot Ion:	166	Resp:	664981
Ion Ratio	Lower	Upper	
166	100		
165	100.8	80.6	121.0
167	14.3	10.4	15.6

Manual Integrations
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Sohil
5/2/2018 4:50:39 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.762 ng

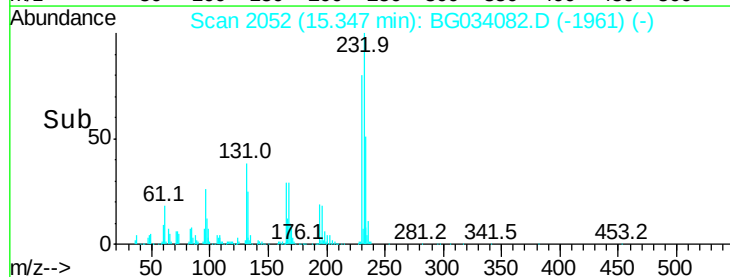
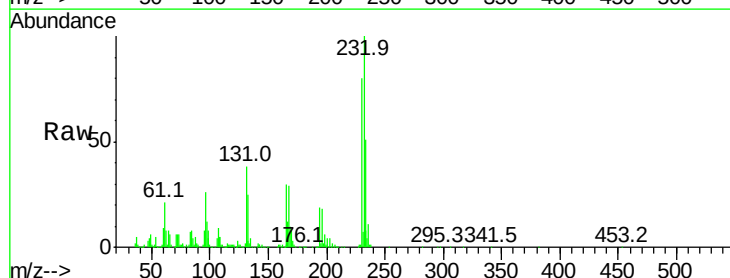
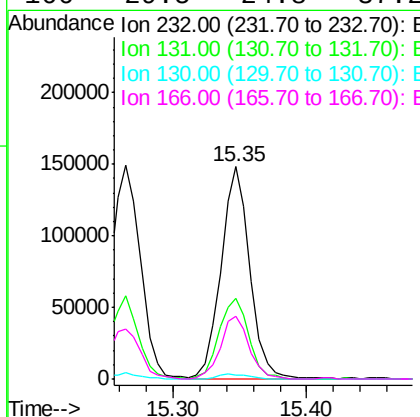
RT: 15.35 min Scan# 2052

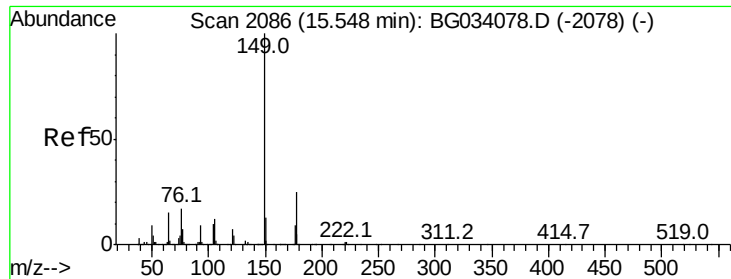
Delta R.T. 0.01 min

Lab File: BG034082.D

Acq: 1 May 2018 17:16

Tgt Ion:	232	Resp:	224456
Ion Ratio	Lower	Upper	
232	100		
131	39.1	33.5	50.3
130	2.8	2.2	3.2
166	29.5	24.8	37.2





#59

Diethylphthalate

Concen: 37.922 ng

RT: 15.55 min Scan# 2087

Delta R.T. 0.01 min

Lab File: BG034082.D

Acq: 1 May 2018 17:16

Instrument :

BNA_G

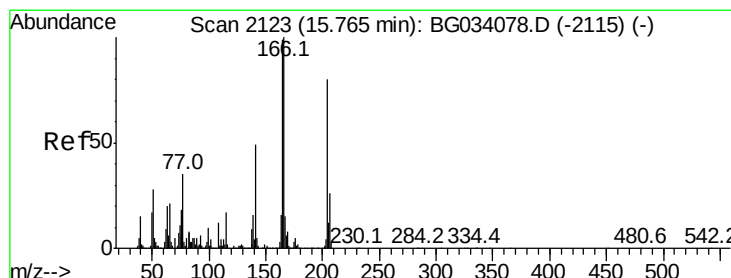
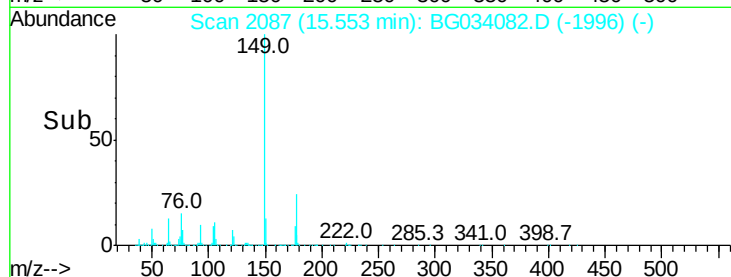
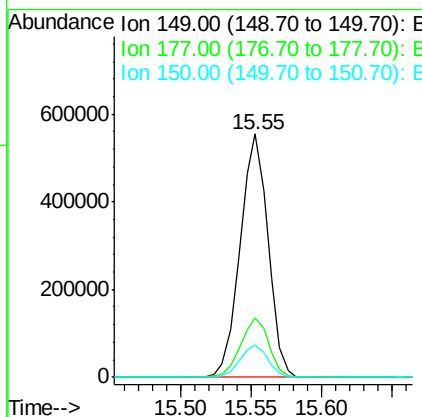
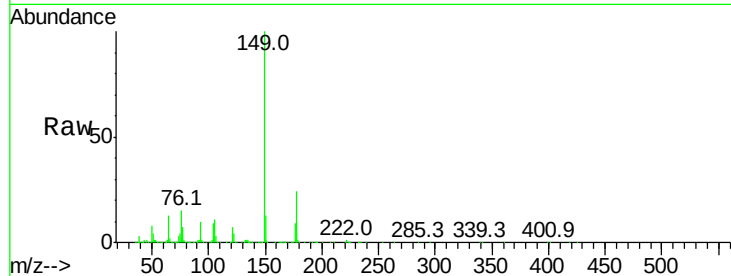
ClientSampleId :

ICVBG050118

Tot Ion:	149	Resp:	763967
Ion Ratio	Lower	Upper	
149	100		
177	24.4	18.5	27.7
150	13.3	10.2	15.2

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Sohil
5/2/2018 4:50:39 PM



#60

4-Chlorophenyl-phenylether

Concen: 38.525 ng

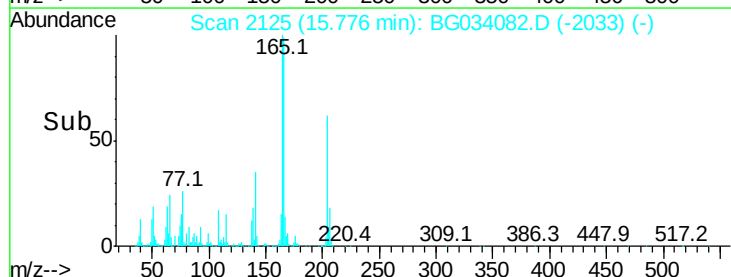
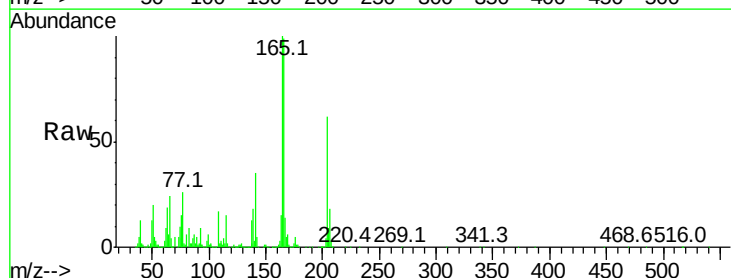
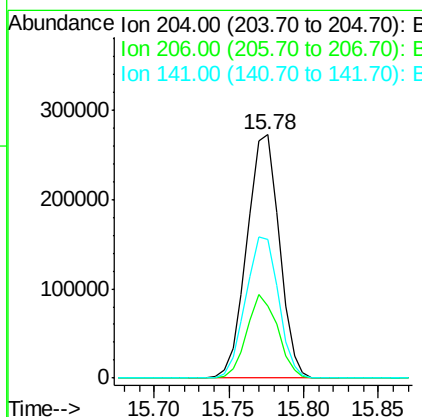
RT: 15.78 min Scan# 2125

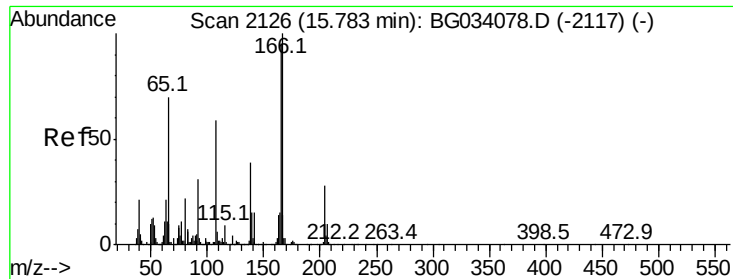
Delta R.T. 0.01 min

Lab File: BG034082.D

Acq: 1 May 2018 17:16

Tgt Ion:	204	Resp:	408032
Ion Ratio	Lower	Upper	
204	100		
206	29.7	26.2	39.2
141	56.8	45.8	68.6





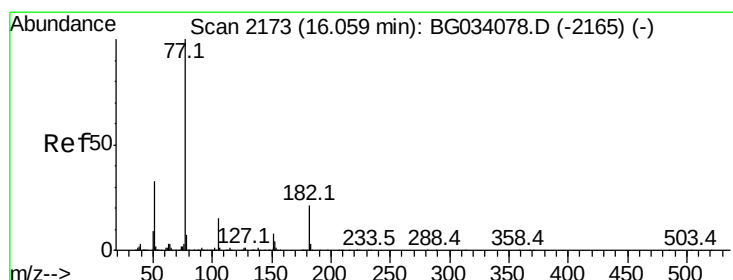
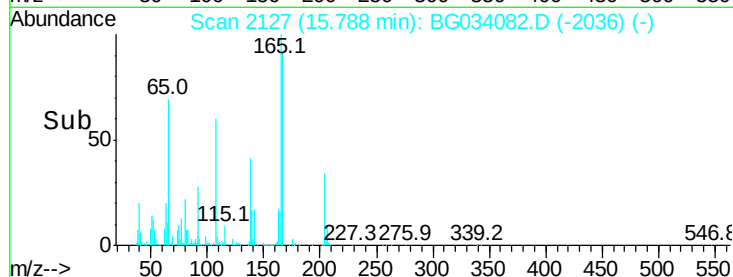
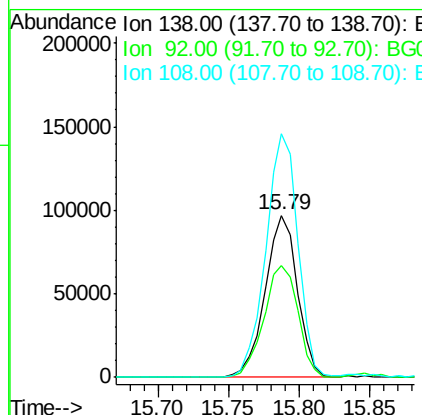
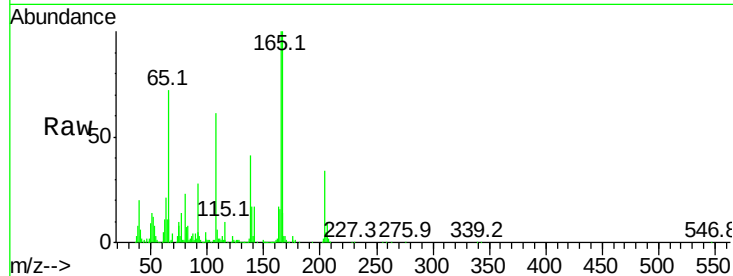
#61
4-Nitroaniline
Concen: 39.838 ng
RT: 15.79 min Scan# 2127
Delta R.T. 0.01 min
Lab File: BG034082.D
Acq: 1 May 2018 17:16

Instrument :
BNA_G
ClientSampleId :
ICVBG050118

Tot Ion	Ratio	Lower	Upper
138	100		
92	69.0	40.1	80.1
108	150.5	65.4	105.4#

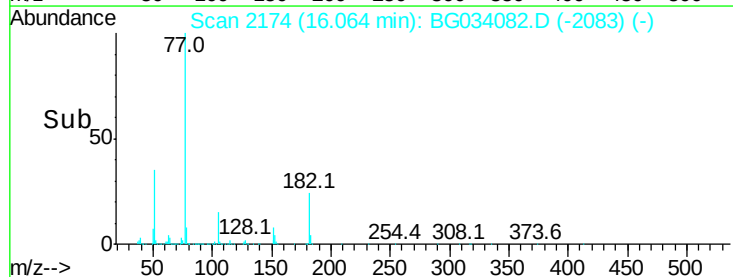
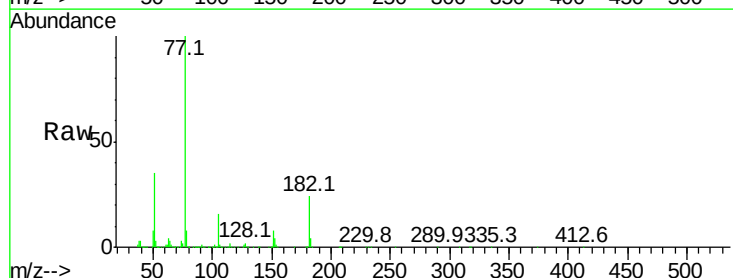
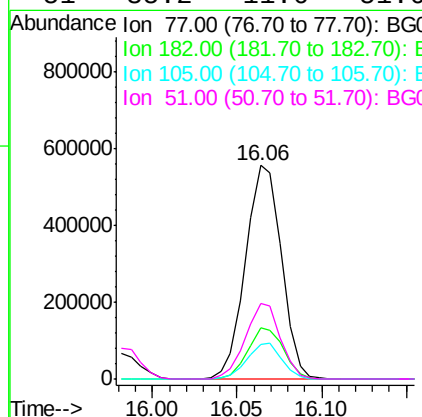
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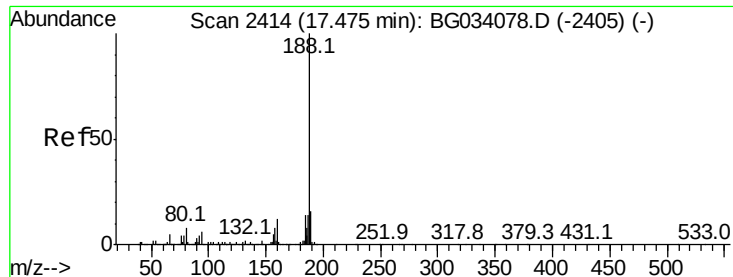
Sohil
5/2/2018 4:50:39 PM



#62
Azobenzene
Concen: 37.895 ng
RT: 16.06 min Scan# 2174
Delta R.T. 0.01 min
Lab File: BG034082.D
Acq: 1 May 2018 17:16

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.8	7.4	47.4
105	16.1	0.3	40.3
51	35.2	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2415

Delta R.T. 0.01 min

Lab File: BG034082.D

Acq: 1 May 2018 17:16

Instrument :

BNA_G

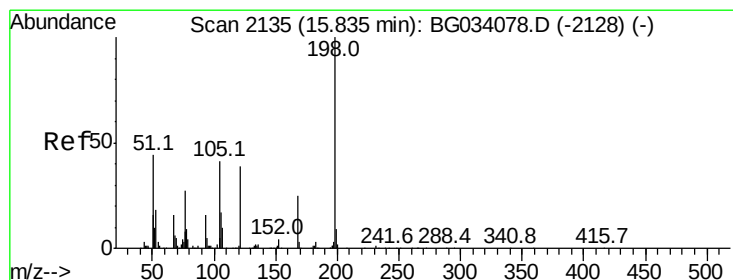
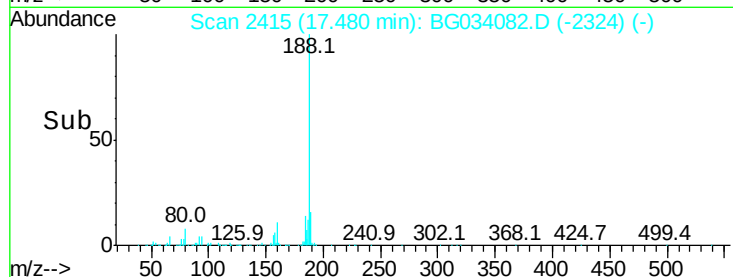
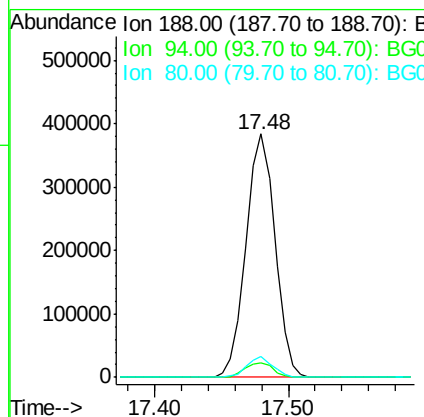
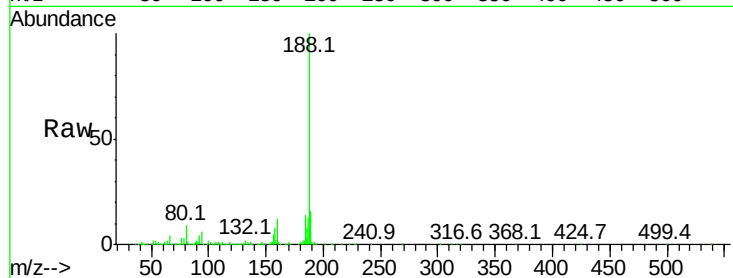
ClientSampleId :

ICVBG050118

Tot Ion:	188	Resp:	576296
Ion Ratio	Lower	Upper	
188	100		
94	6.0	6.9	10.3#
80	8.5	7.7	11.5

Manual Integrations
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5/2/2018 4:50:39 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 40.746 ng

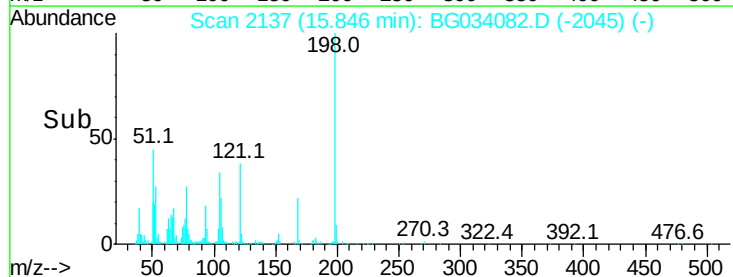
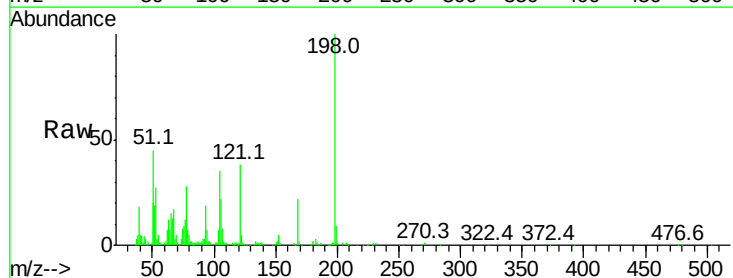
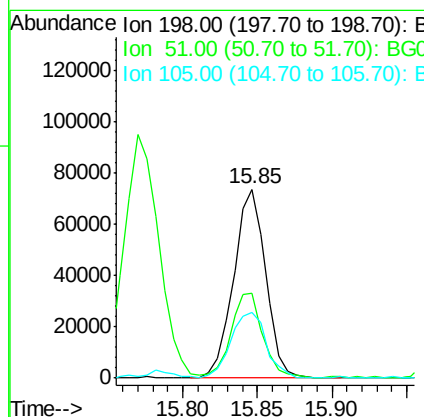
RT: 15.85 min Scan# 2137

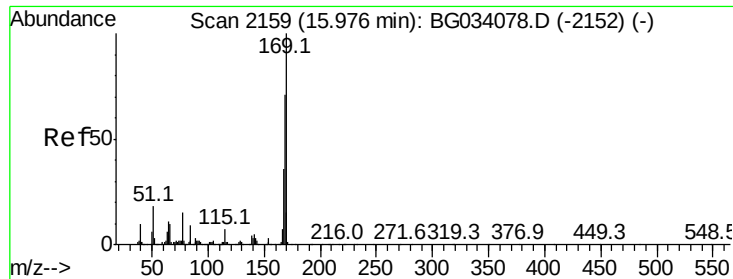
Delta R.T. 0.01 min

Lab File: BG034082.D

Acq: 1 May 2018 17:16

Tgt Ion:	198	Resp:	110408
Ion Ratio	Lower	Upper	
198	100		
51	44.9	30.6	70.6
105	34.5	23.8	63.8





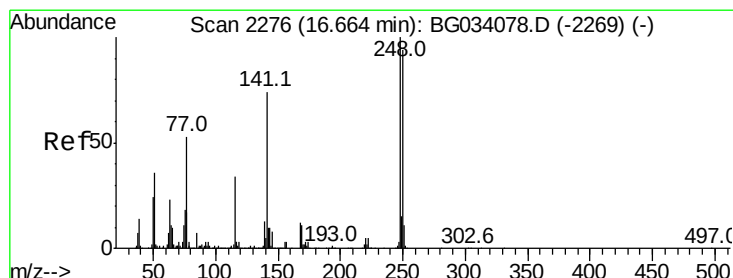
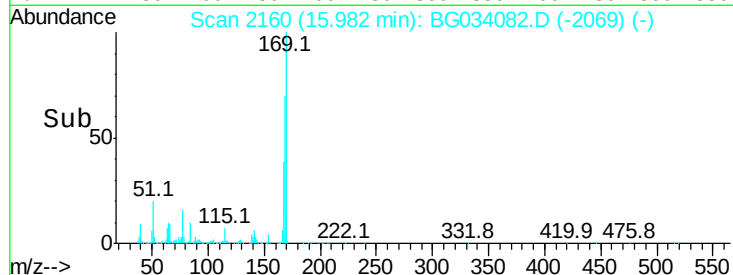
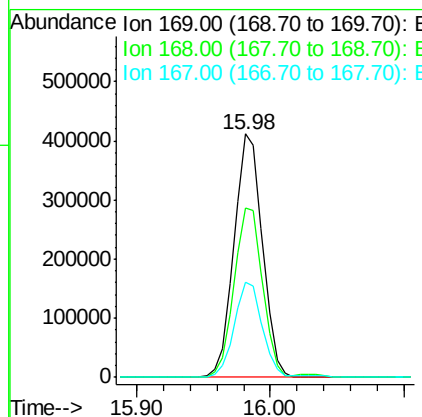
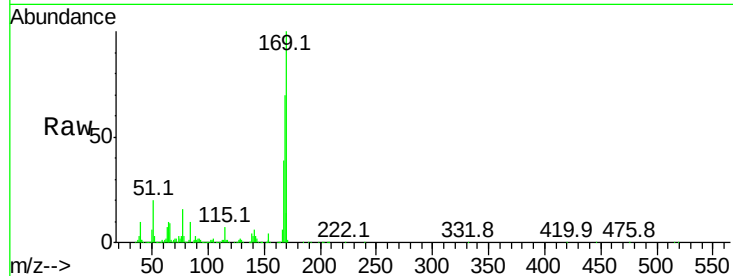
#65
n-Nitrosodiphenylamine
Concen: 38.719 ng
RT: 15.98 min Scan# 2160
Delta R.T. 0.01 min
Lab File: BG034082.D
Acq: 1 May 2018 17:16

Instrument :
BNA_G
ClientSampleId :
ICVBG050118

Tot Ion	Ratio	Resp	Lower	Upper
169	100	608438		
168	69.7		55.7	83.5
167	38.9		30.1	45.1

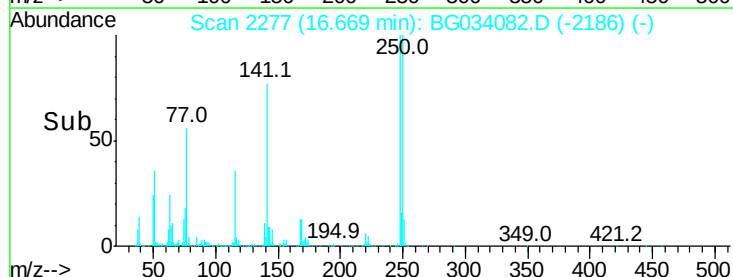
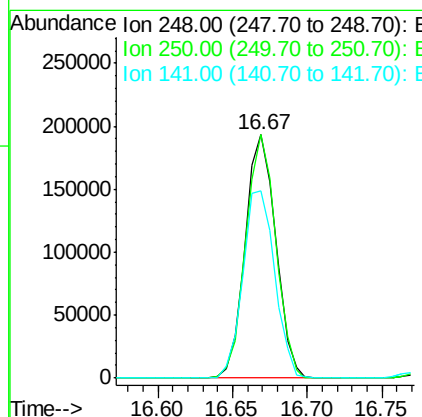
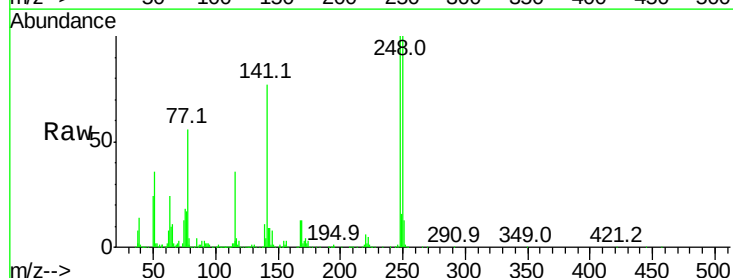
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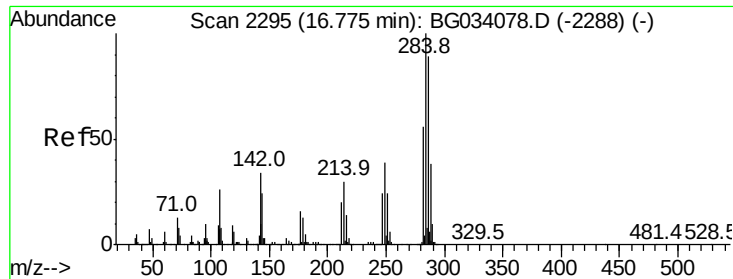
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 38.213 ng
RT: 16.67 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BG034082.D
Acq: 1 May 2018 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	273418		
250	100.0		77.1	115.7
141	76.7		50.8	76.2#





#67

Hexachlorobenzene

Concen: 40.342 ng

RT: 16.78 min Scan# 2296

Delta R.T. 0.01 min

Lab File: BG034082.D

Acq: 1 May 2018 17:16

Instrument :

BNA_G

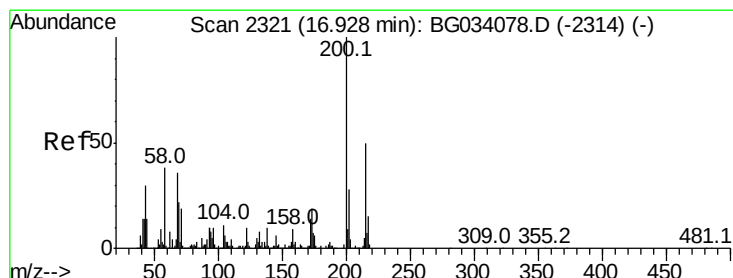
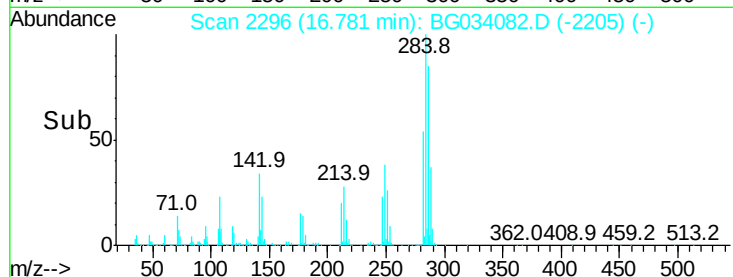
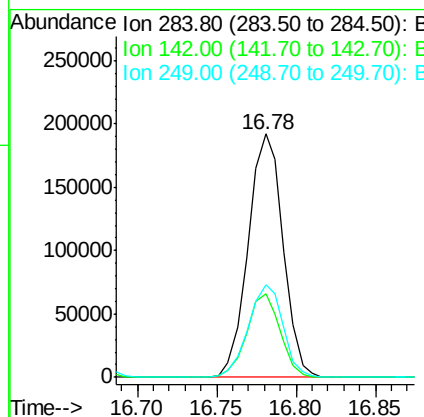
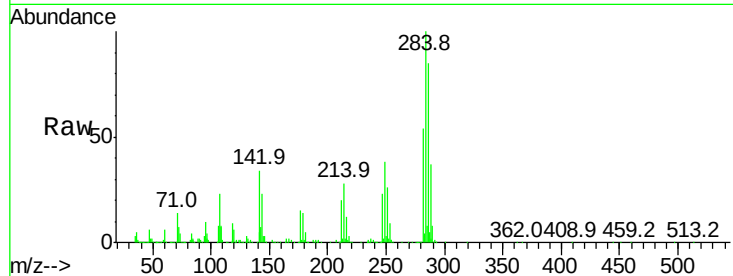
ClientSampleId :

ICVBG050118

Tot Ion:	284	Resp:	293010
Ion Ratio		Lower	Upper
284	100		
142	34.4	26.8	40.2
249	38.0	26.3	39.5

Manual Integrations
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#68

Atrazine

Concen: 41.254 ng

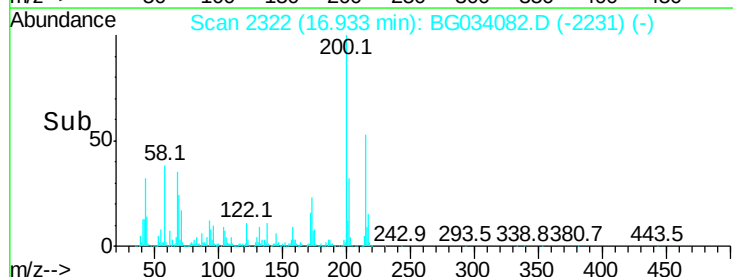
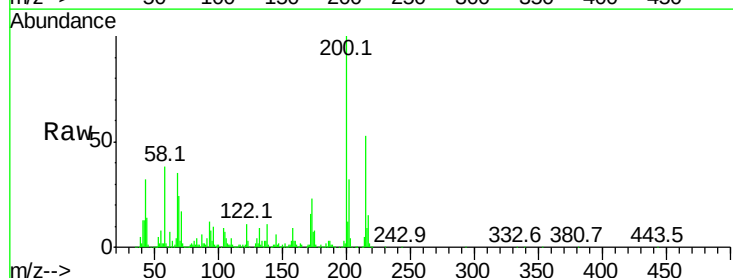
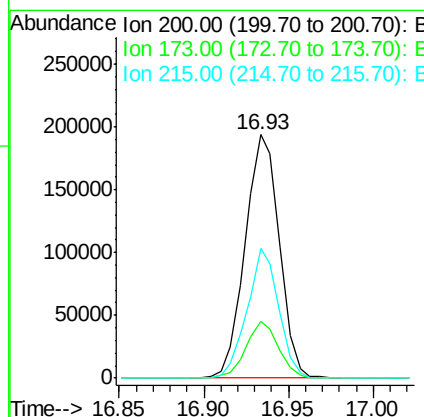
RT: 16.93 min Scan# 2322

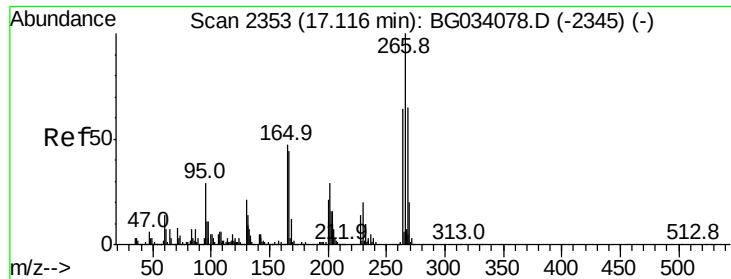
Delta R.T. 0.01 min

Lab File: BG034082.D

Acq: 1 May 2018 17:16

Tgt Ion:	200	Resp:	272719
Ion Ratio		Lower	Upper
200	100		
173	23.3	5.2	45.2
215	53.5	30.4	70.4





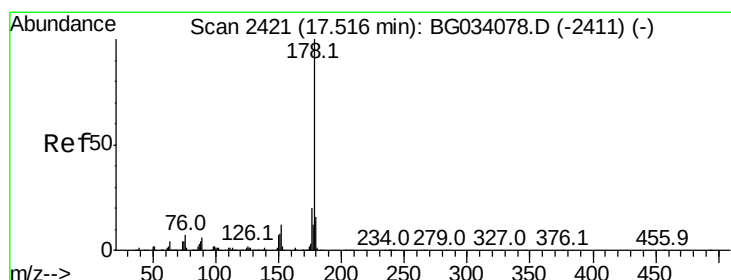
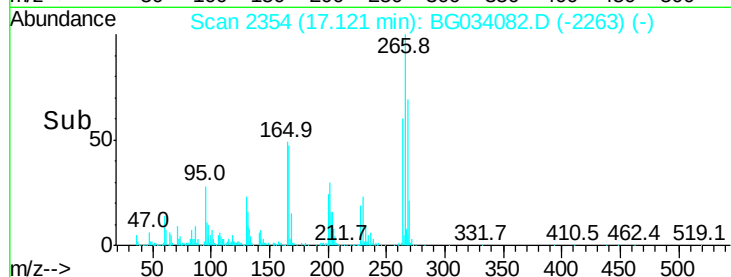
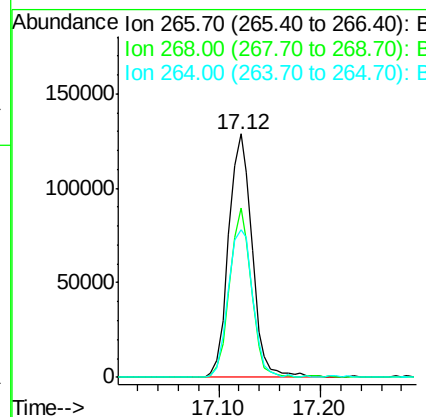
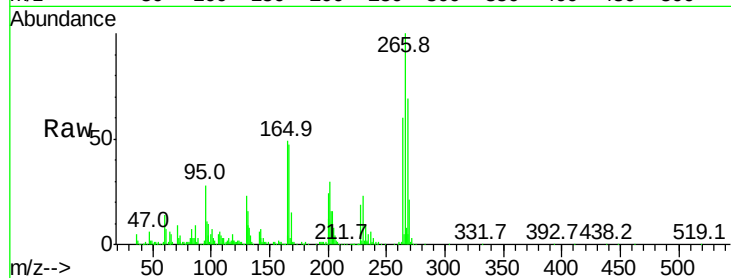
#69
 Pentachlorophenol
 Concen: 40.917 ng
 RT: 17.12 min Scan# 2354
 Delta R.T. 0.01 min
 Lab File: BG034082.D
 Acq: 1 May 2018 17:16

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG050118

Tot Ion	Ratio	Lower	Upper
266	100		
268	69.4	51.1	76.7
264	60.5	49.6	74.4

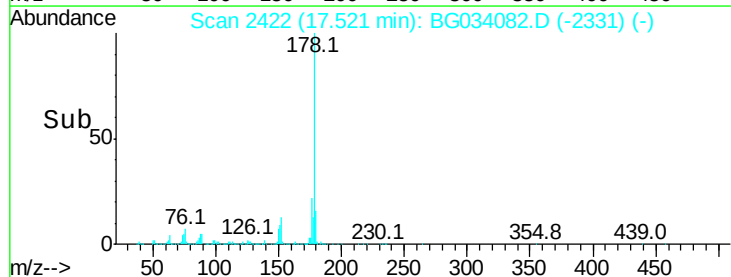
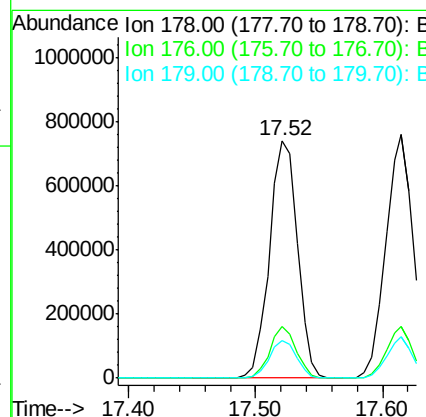
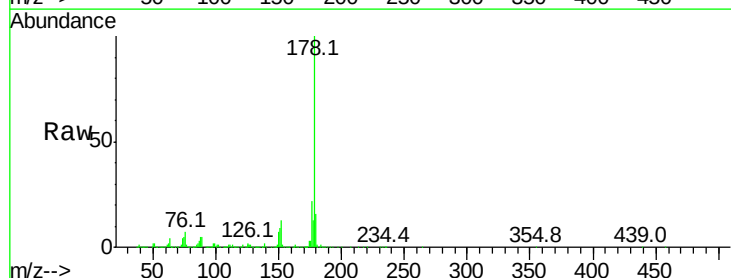
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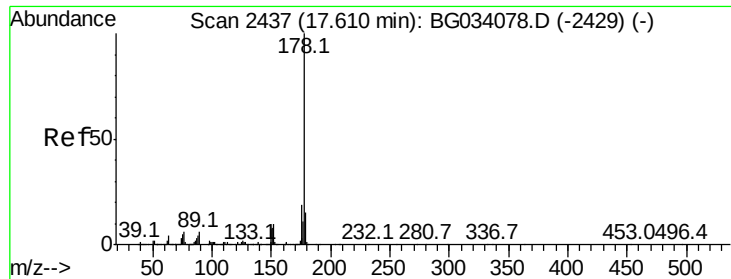
Sohil
 5/2/2018 4:50:39 PM



#70
 Phenanthrene
 Concen: 38.275 ng
 RT: 17.52 min Scan# 2422
 Delta R.T. 0.01 min
 Lab File: BG034082.D
 Acq: 1 May 2018 17:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.8	15.7	23.5
179	16.0	12.5	18.7





#71

Anthracene

Concen: 38.301 ng

RT: 17.61 min Scan# 2438

Delta R.T. 0.01 min

Lab File: BG034082.D

Acq: 1 May 2018 17:16

Instrument :

BNA_G

ClientSampleId :

ICVBG050118

Tot Ion:178 Resp: 1149489

Ion Ratio Lower Upper

178 100

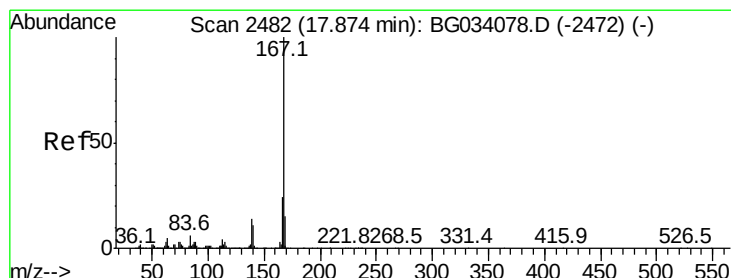
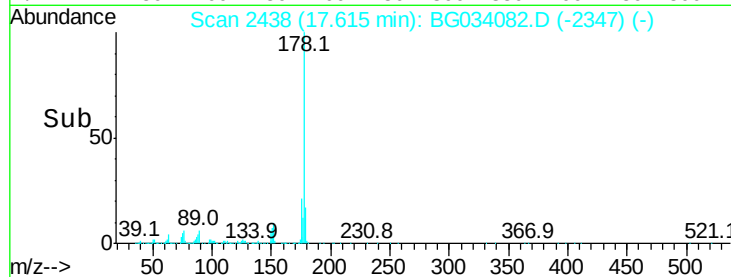
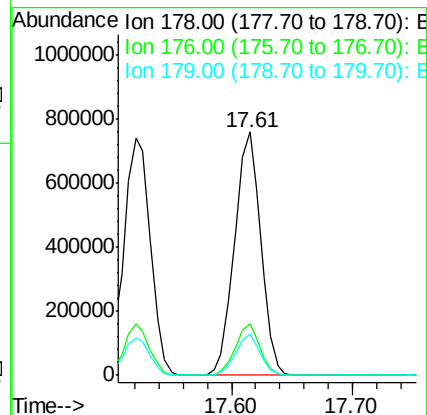
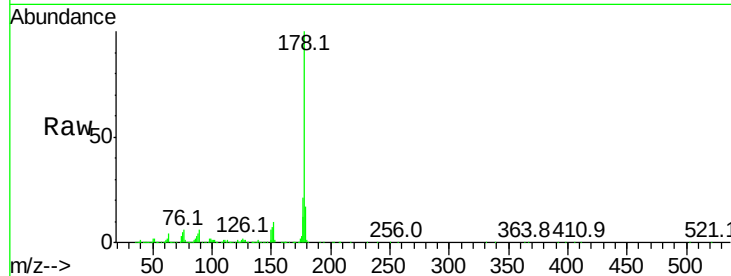
176 20.9 16.0 24.0

179 16.7 12.5 18.7

Manual Integrations
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#72

Carbazole

Concen: 38.449 ng

RT: 17.88 min Scan# 2483

Delta R.T. 0.01 min

Lab File: BG034082.D

Acq: 1 May 2018 17:16

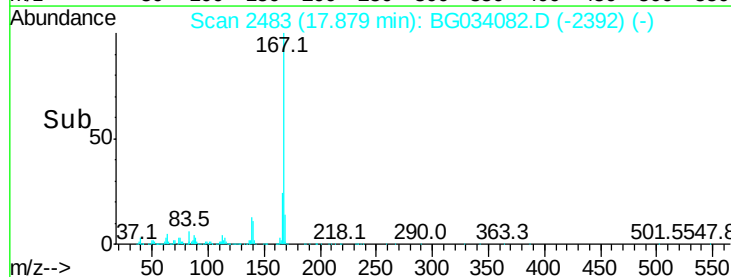
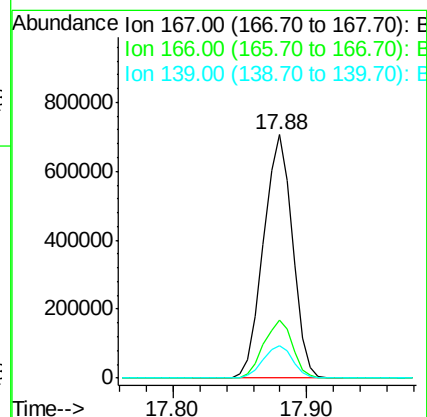
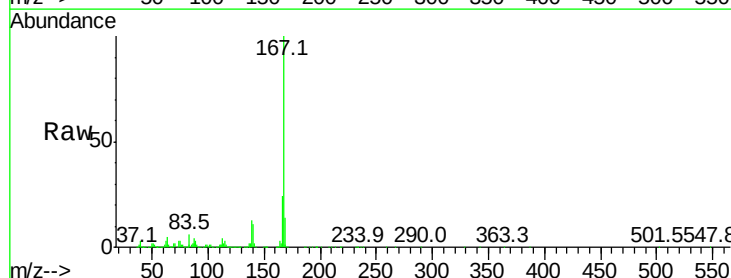
Tgt Ion:167 Resp: 1056353

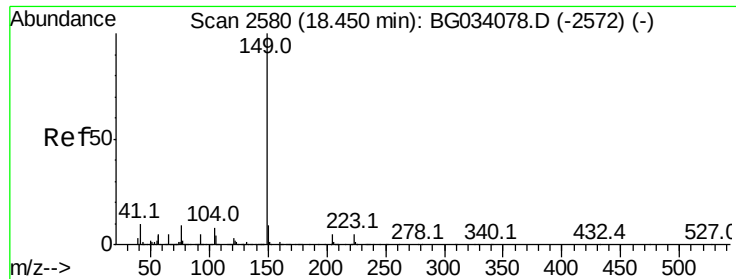
Ion Ratio Lower Upper

167 100

166 24.0 18.2 27.4

139 13.5 9.4 14.2





#73

Di-n-butylphthalate

Concen: 38.756 ng

RT: 18.46 min Scan# 2581

Delta R.T. 0.01 min

Lab File: BG034082.D

Acq: 1 May 2018 17:16

Instrument :

BNA_G

ClientSampleId :

ICVBG050118

Tot Ion:149 Resp: 1281650

Ion Ratio Lower Upper

149 100

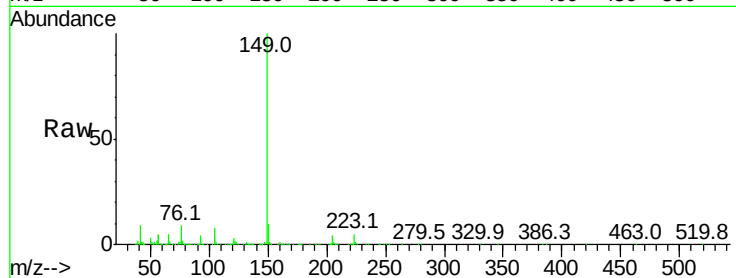
150 9.6 7.8 11.6

104 8.3 3.9 5.9#

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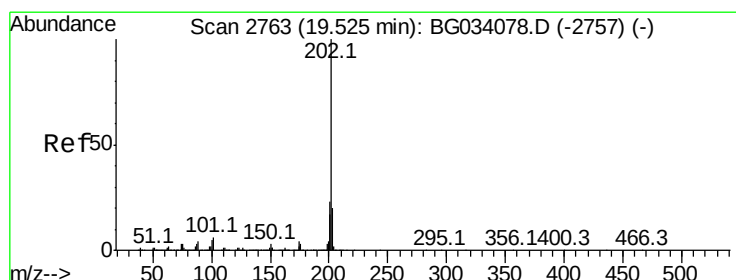
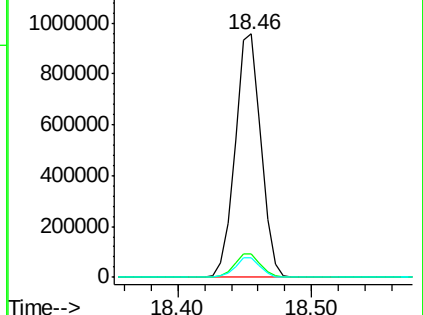
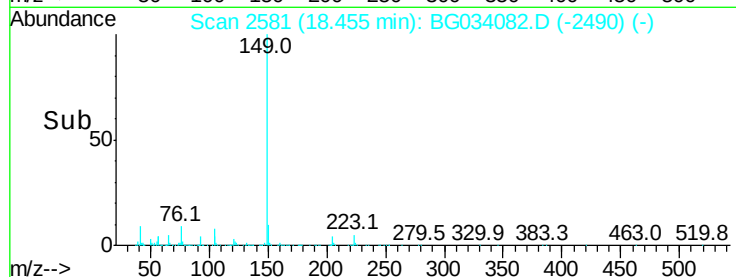
5/2/2018 4:50:39 PM



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



#74

Fluoranthene

Concen: 38.544 ng

RT: 19.53 min Scan# 2764

Delta R.T. 0.01 min

Lab File: BG034082.D

Acq: 1 May 2018 17:16

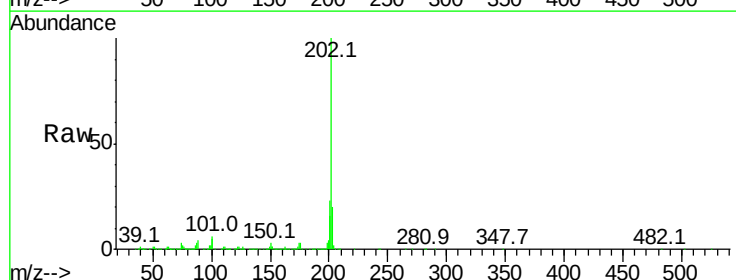
Tgt Ion:202 Resp: 1442301

Ion Ratio Lower Upper

202 100

101 6.3 0.0 28.9

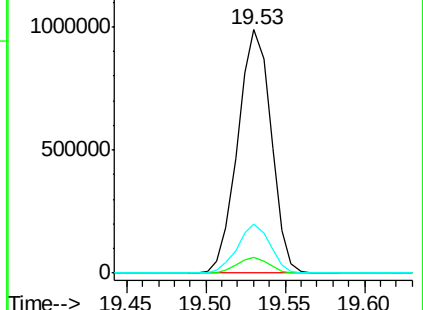
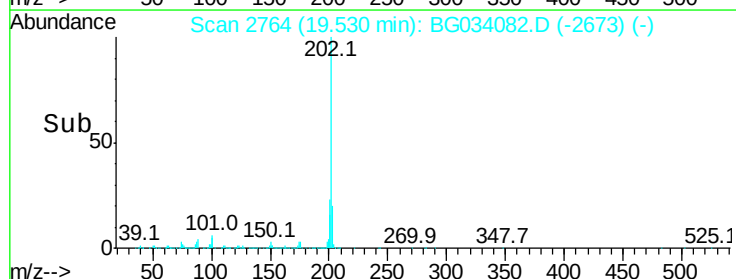
203 20.2 0.0 37.5

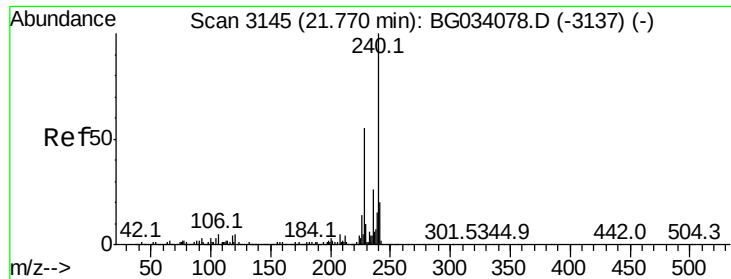


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3146

Delta R.T. 0.01 min

Lab File: BG034082.D

Acq: 1 May 2018 17:16

Instrument :

BNA_G

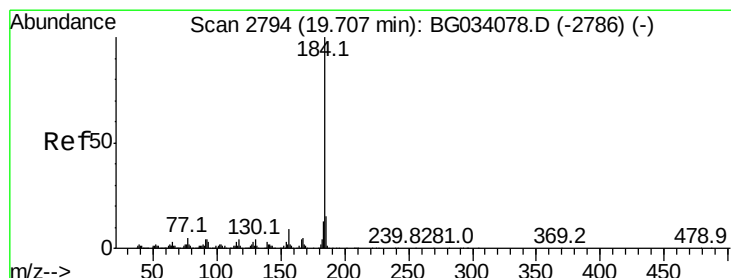
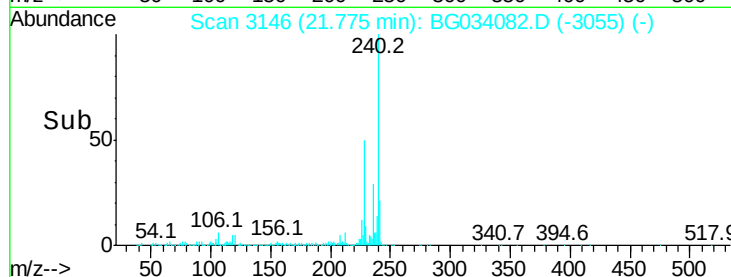
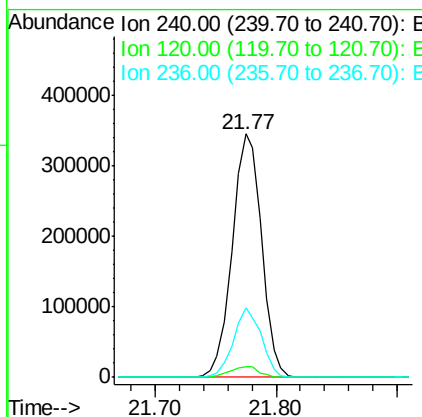
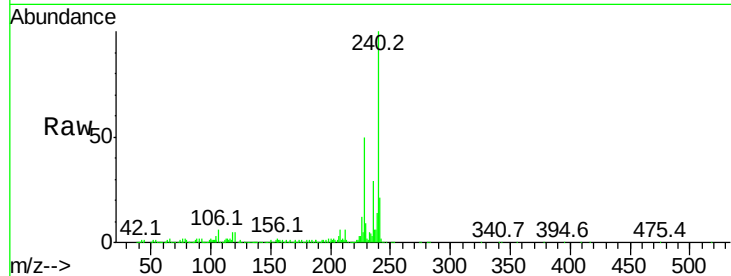
ClientSampleId :

ICVBG050118

Tot Ion	Ratio	Lower	Upper
240	100		
120	4.6	6.8	10.2#
236	28.5	20.9	31.3

Manual Integrations
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5/2/2018 4:50:39 PM



#76

Benzidine

Concen: 40.306 ng

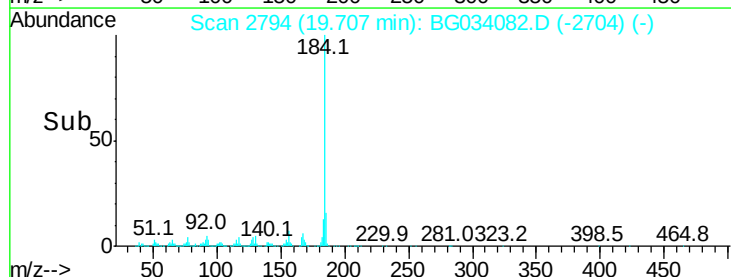
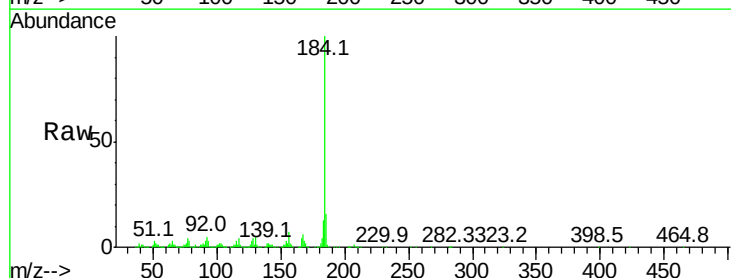
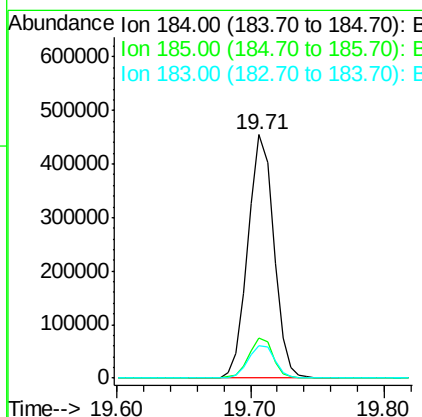
RT: 19.71 min Scan# 2794

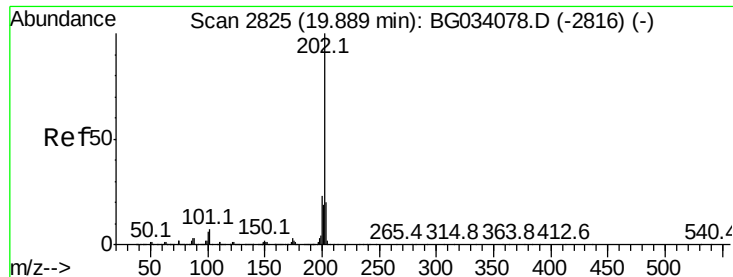
Delta R.T. -0.00 min

Lab File: BG034082.D

Acq: 1 May 2018 17:16

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.4	11.1	16.7
183	13.5	10.6	16.0





#77

Pvrene

Concen: 39.660 ng

RT: 19.89 min Scan# 2826

Delta R.T. 0.01 min

Lab File: BG034082.D

Acq: 1 May 2018 17:16

Instrument :

BNA_G

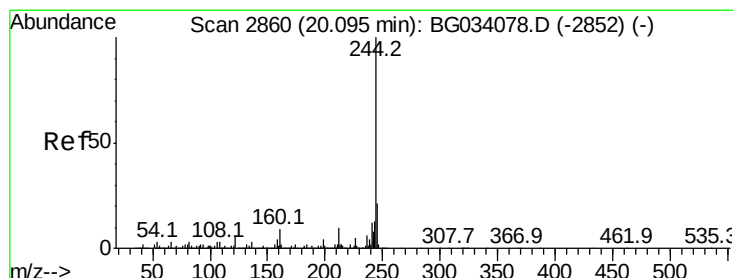
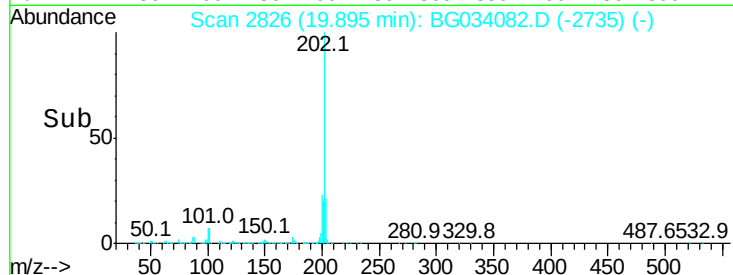
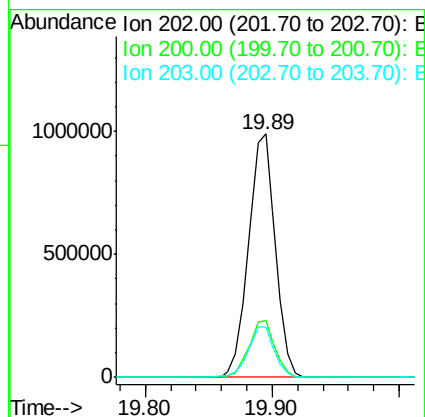
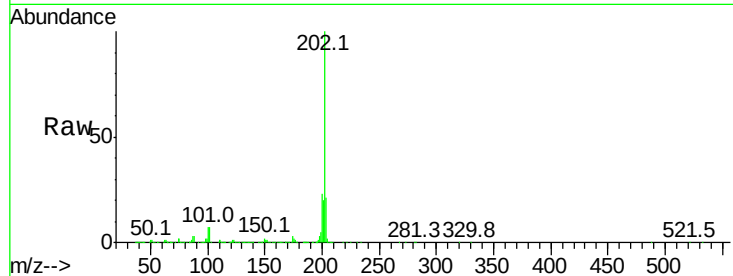
ClientSampleId :

ICVBG050118

Tot Ion:	202	Resp:	1450924
Ion Ratio	Lower	Upper	
202	100		
200	23.1	16.9	25.3
203	20.5	13.9	20.9

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#78

Terphenyl-d14

Concen: 79.857 ng

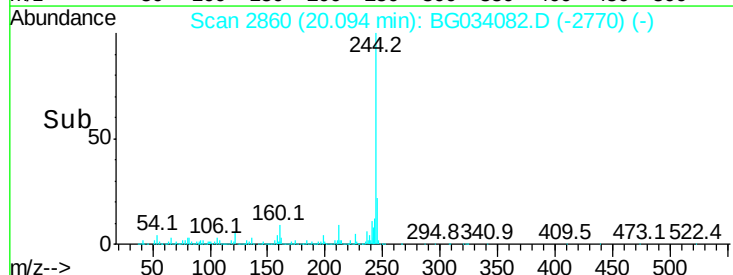
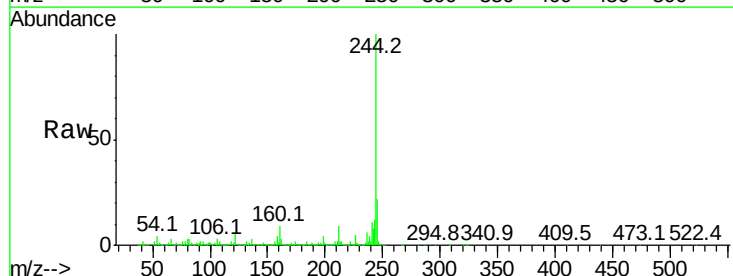
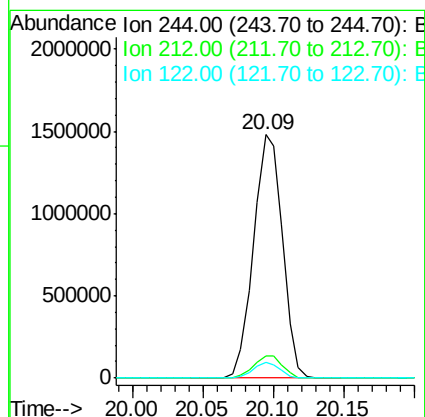
RT: 20.09 min Scan# 2860

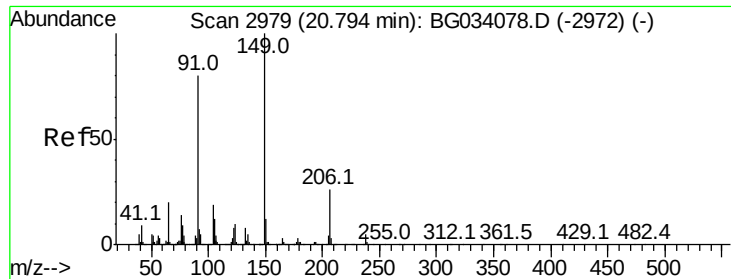
Delta R.T. -0.00 min

Lab File: BG034082.D

Acq: 1 May 2018 17:16

Tgt Ion:	244	Resp:	2128584
Ion Ratio	Lower	Upper	
244	100		
212	9.2	5.8	8.8#
122	6.5	7.0	10.4#





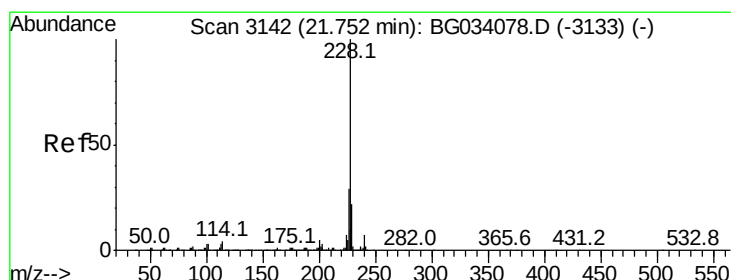
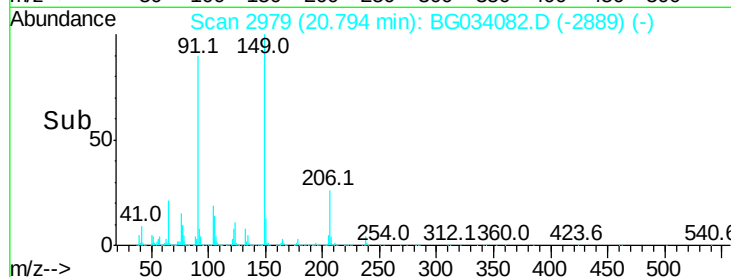
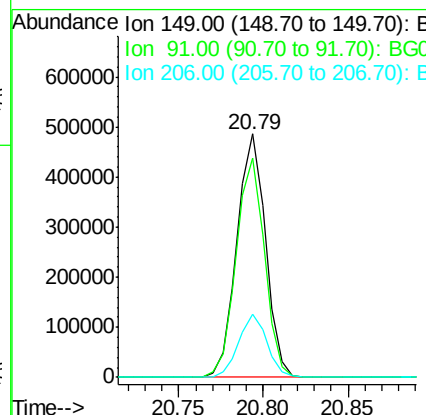
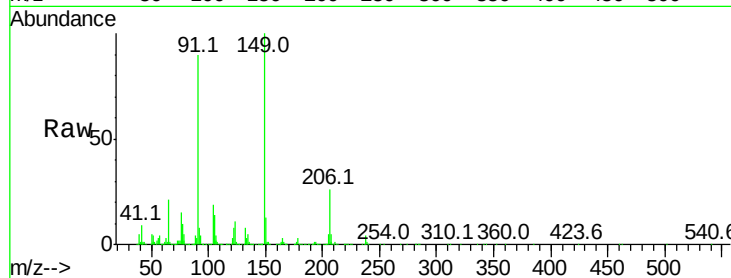
#79
Butylbenzylphthalate
Concen: 40.070 ng
RT: 20.79 min Scan# 2979
Delta R.T. -0.00 min
Lab File: BG034082.D
Acq: 1 May 2018 17:16

Instrument :
BNA_G
ClientSampleId :
ICVBG050118

Tot Ion	Ratio	Lower	Upper
149	100		
91	90.1	62.2	93.2
206	25.9	18.6	27.8

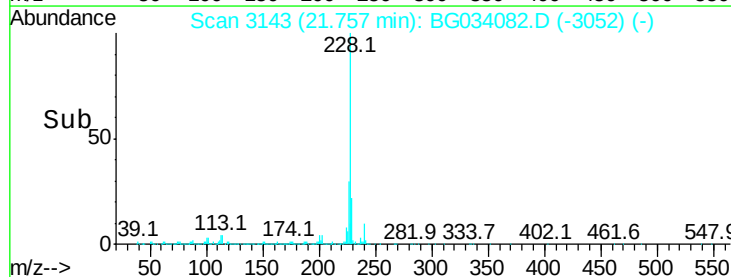
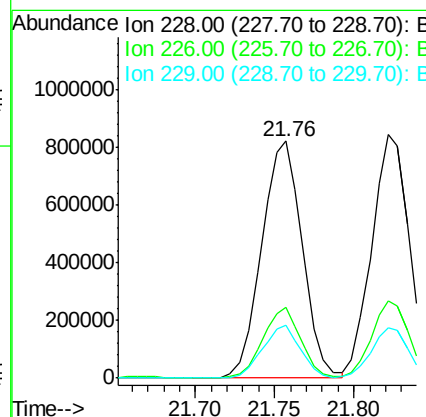
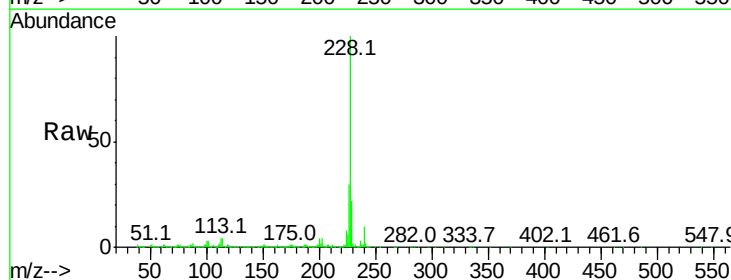
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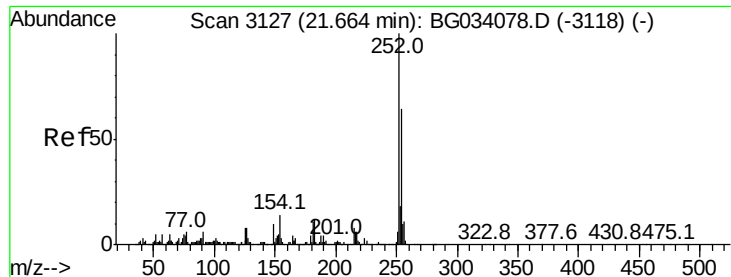
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#80
Benzo(a)anthracene
Concen: 39.074 ng
RT: 21.76 min Scan# 3143
Delta R.T. 0.01 min
Lab File: BG034082.D
Acq: 1 May 2018 17:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.7	34.1
229	22.5	16.2	24.2





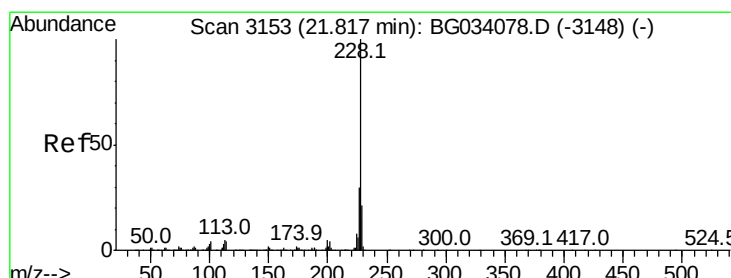
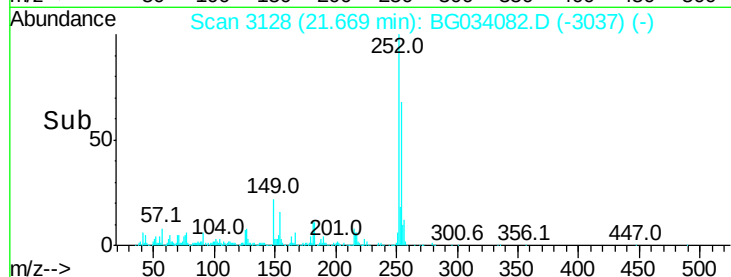
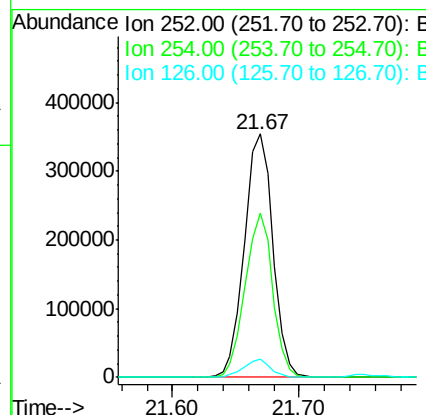
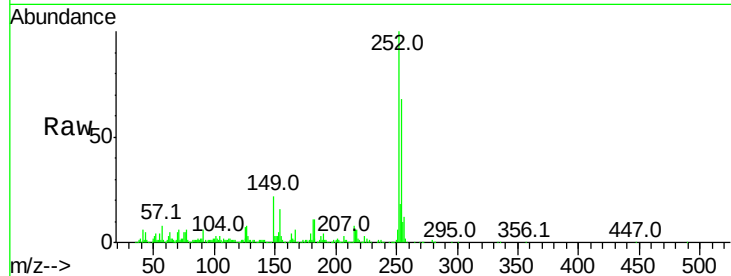
#81
 3,3'-Dichlorobenzidine
 Concen: 39.124 ng
 RT: 21.67 min Scan# 3128
 Delta R.T. 0.01 min
 Lab File: BG034082.D
 Acq: 1 May 2018 17:16

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG050118

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	67.7	50.8	76.2	
126	7.3	7.4	11.2	

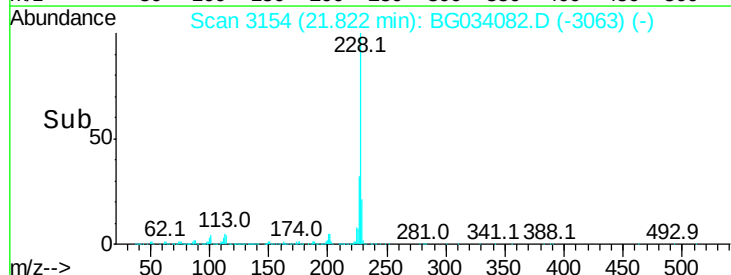
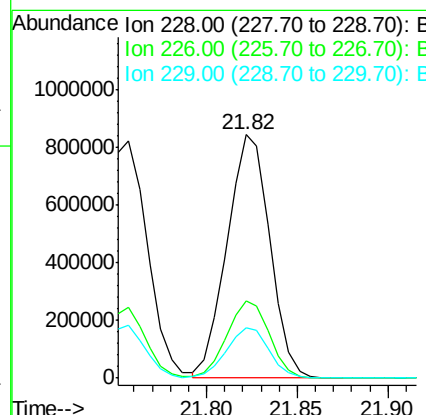
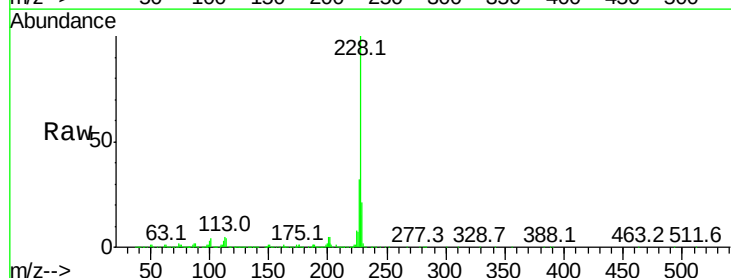
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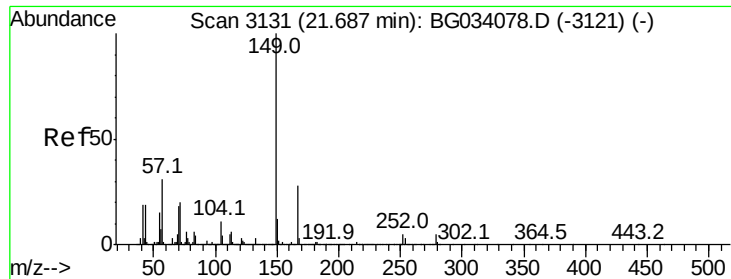
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#82
 Chrysene
 Concen: 38.572 ng
 RT: 21.82 min Scan# 3154
 Delta R.T. 0.01 min
 Lab File: BG034082.D
 Acq: 1 May 2018 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	31.8	24.9	37.3	
229	20.6	15.0	22.4	





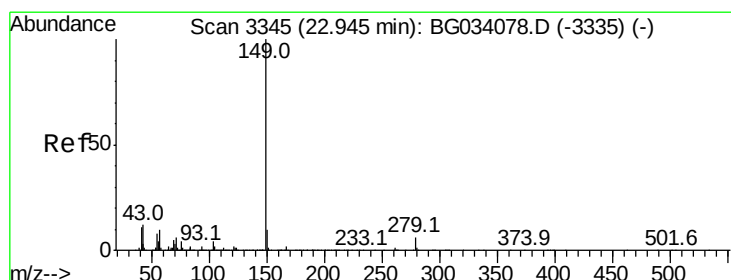
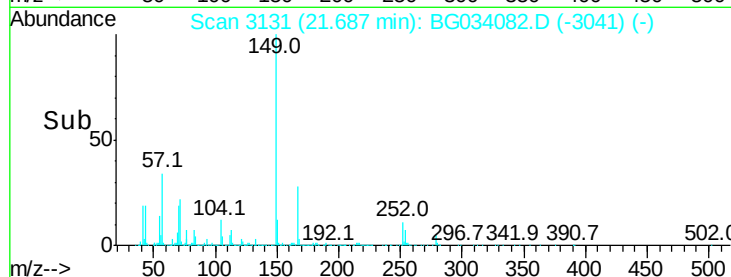
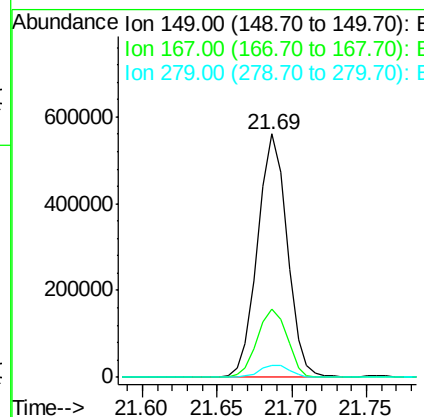
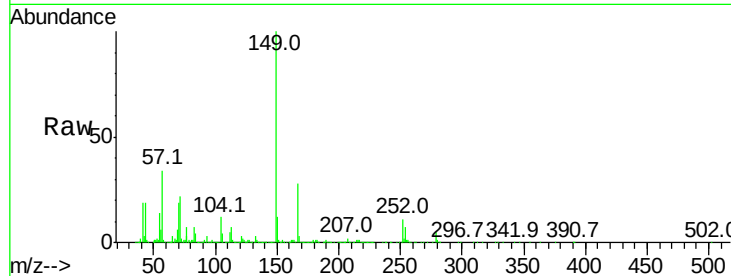
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.170 ng
 RT: 21.69 min Scan# 3131
 Delta R.T. -0.00 min
 Lab File: BG034082.D
 Acq: 1 May 2018 17:16

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG050118

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.2	24.3	36.5
279	5.2	4.0	6.0

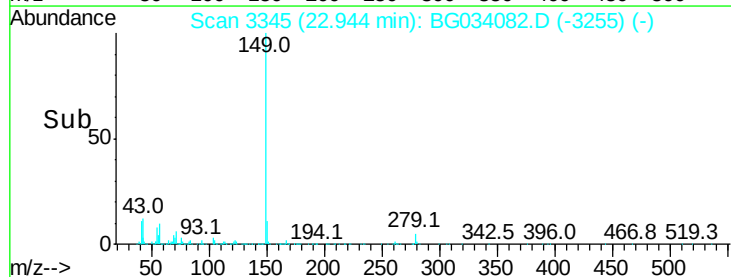
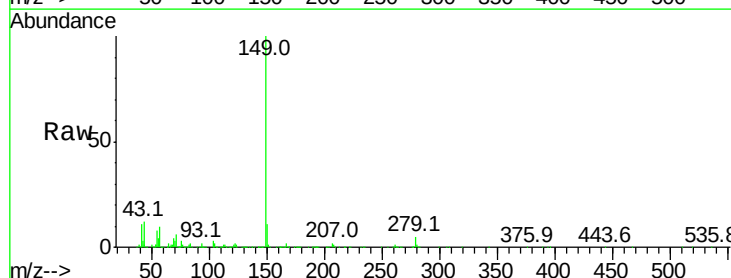
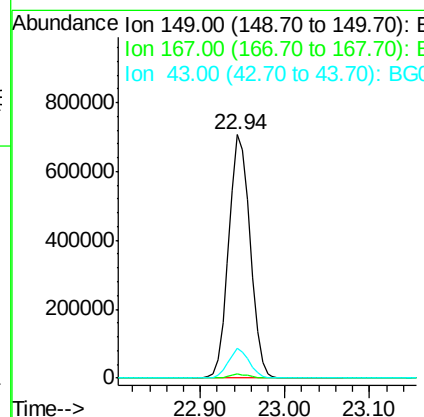
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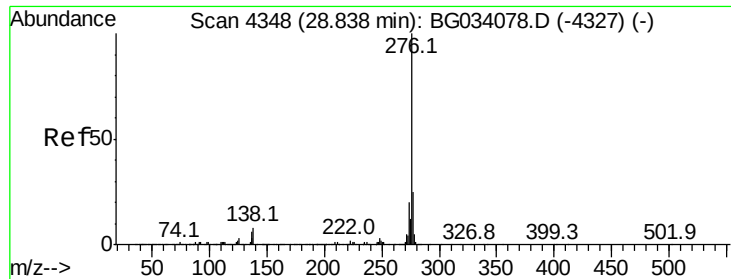
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#84
 Di-n-octyl phthalate
 Concen: 39.241 ng
 RT: 22.94 min Scan# 3345
 Delta R.T. -0.00 min
 Lab File: BG034082.D
 Acq: 1 May 2018 17:16

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	11.9	8.9	13.3





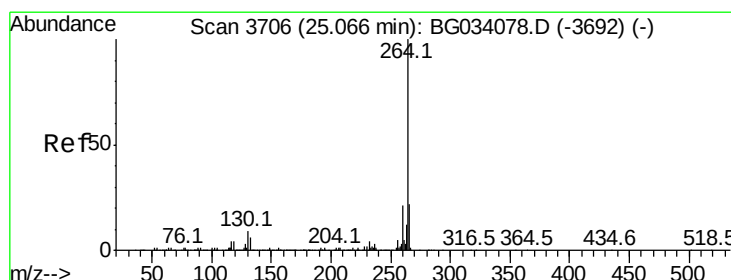
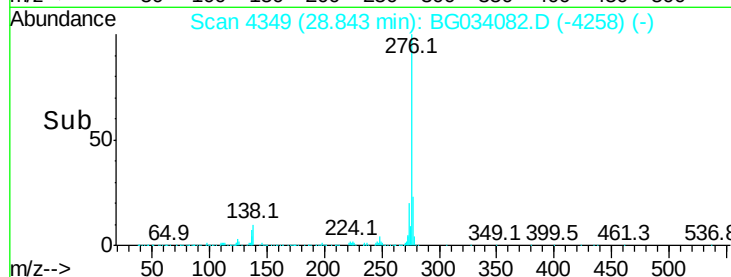
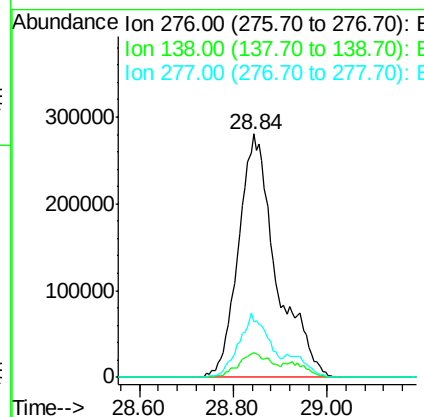
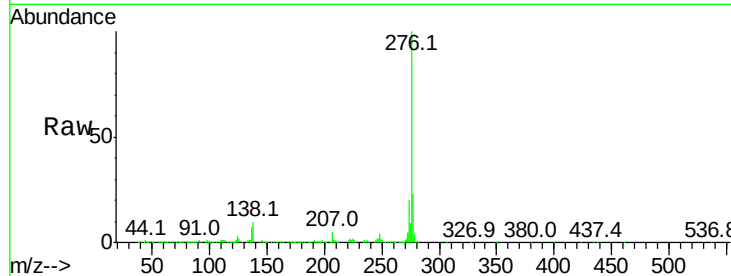
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.643 ng
RT: 28.84 min Scan# 4349
Delta R.T. 0.01 min
Lab File: BG034082.D
Acq: 1 May 2018 17:16

Instrument :
BNA_G
ClientSampleId :
ICVBG050118

Tot Ion	Ratio	Lower	Upper
276	100		
138	8.7	16.0	24.0#
277	20.6	20.0	30.0

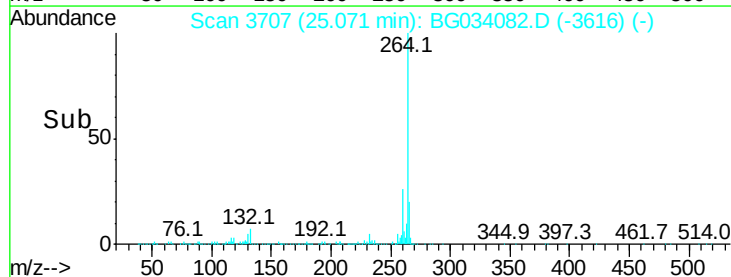
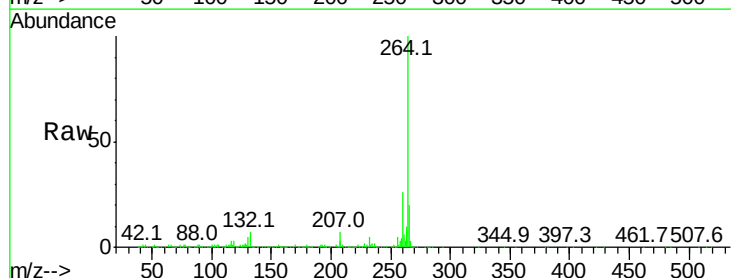
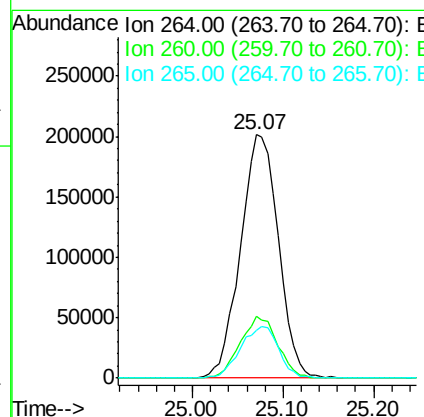
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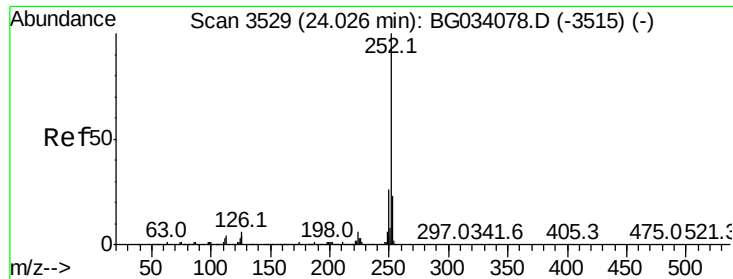
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#86
Perylene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3707
Delta R.T. 0.01 min
Lab File: BG034082.D
Acq: 1 May 2018 17:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.6	17.4	26.0
265	19.7	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 39.002 ng

RT: 24.03 min Scan# 3530

Delta R.T. 0.01 min

Lab File: BG034082.D

Acq: 1 May 2018 17:16

Instrument :

BNA_G

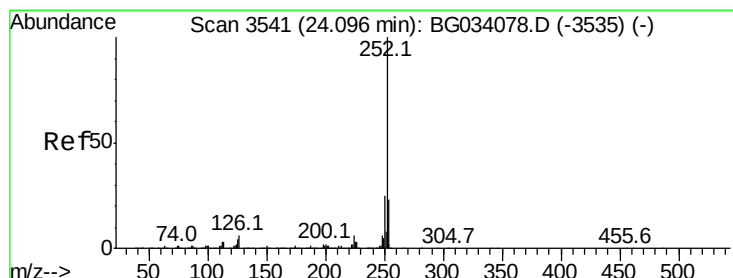
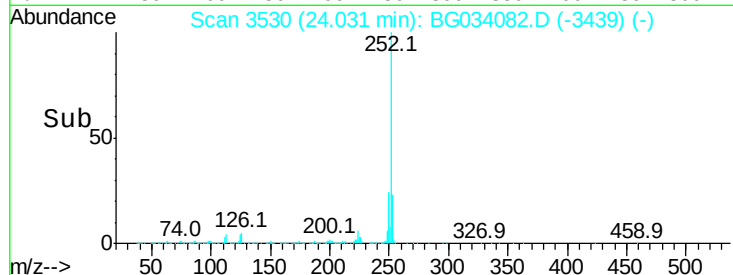
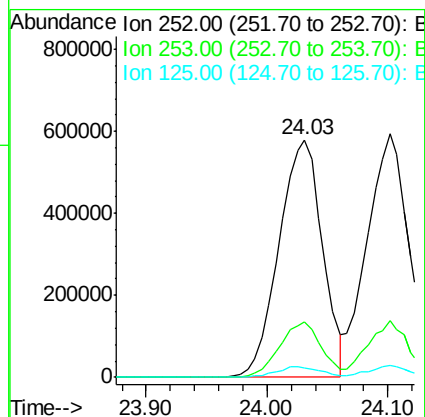
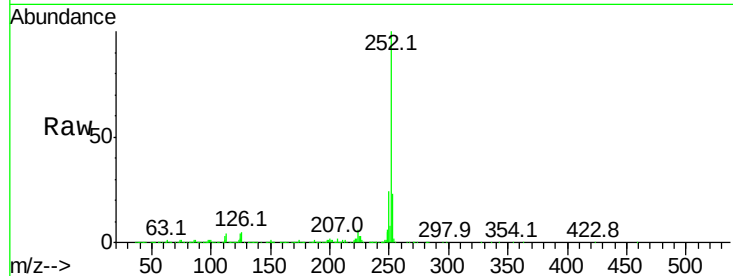
ClientSampleId :

ICVBG050118

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.4
125	4.2	7.2	10.8

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 40.077 ng

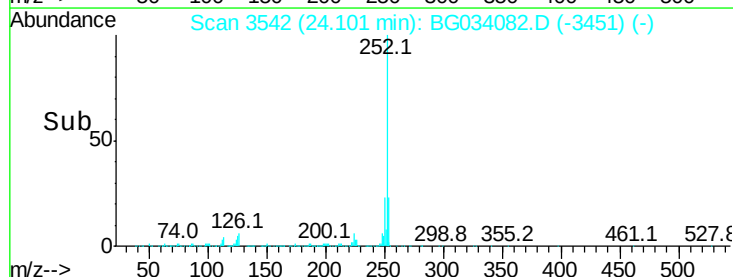
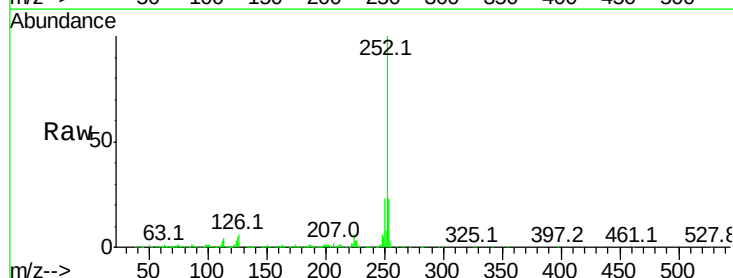
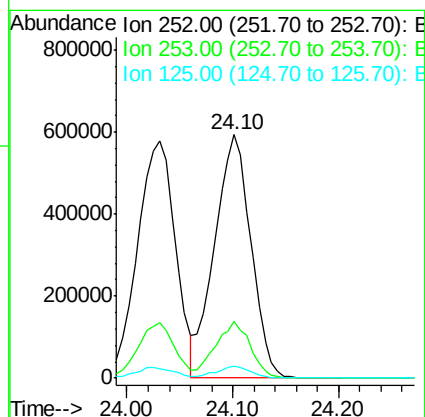
RT: 24.10 min Scan# 3542

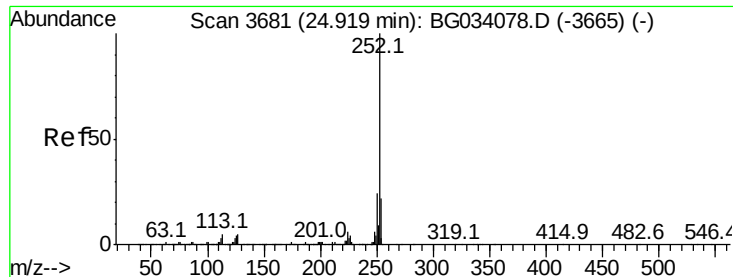
Delta R.T. 0.01 min

Lab File: BG034082.D

Acq: 1 May 2018 17:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.2
125	5.0	6.6	9.8





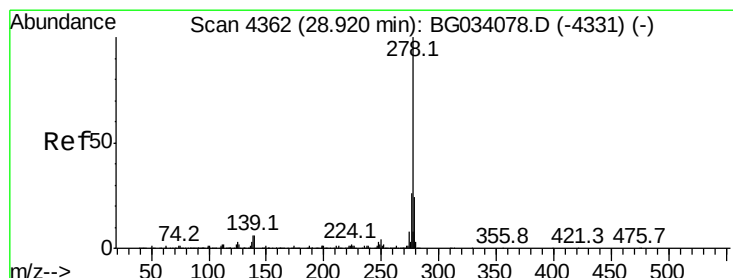
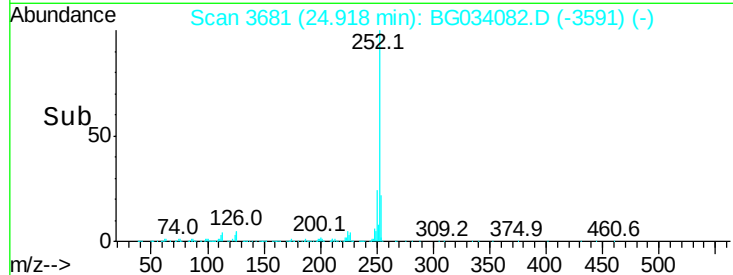
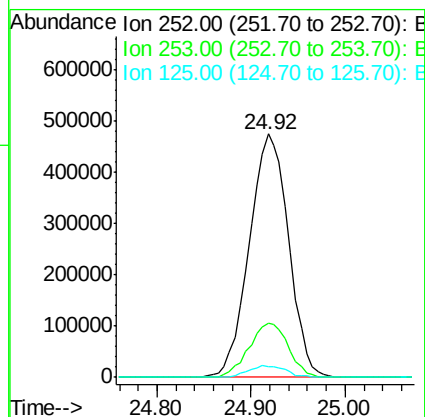
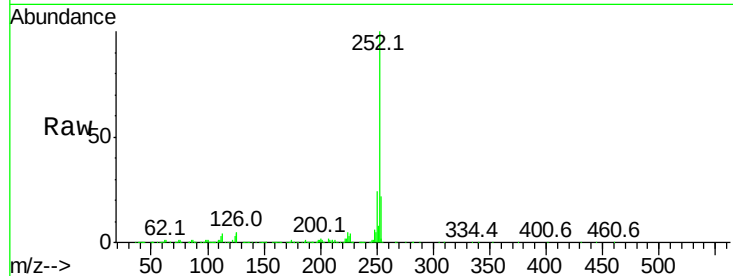
#89
Benzo(a)pyrene
Concen: 39.573 ng
RT: 24.92 min Scan# 3681
Delta R.T. -0.00 min
Lab File: BG034082.D
Acq: 1 May 2018 17:16

Instrument :
BNA_G
ClientSampleId :
ICVBG050118

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.3	27.5
125	4.4	7.3	10.9

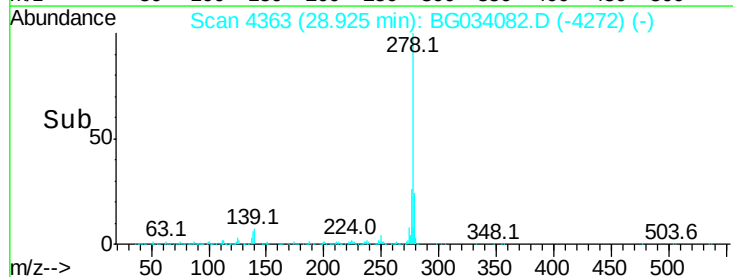
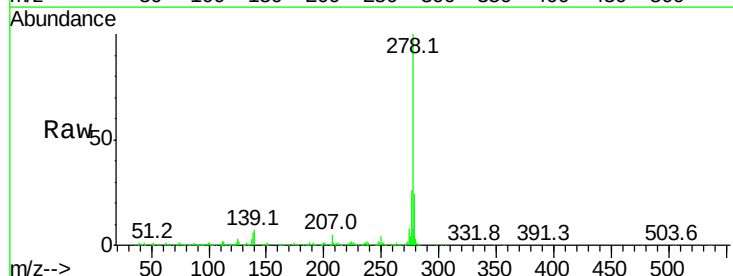
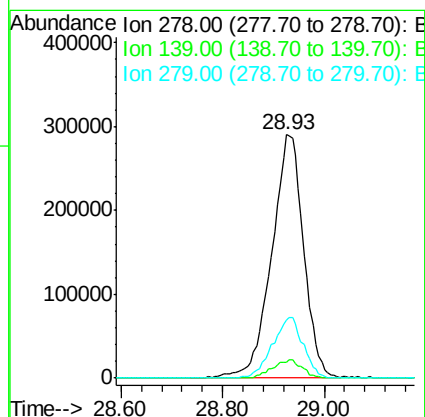
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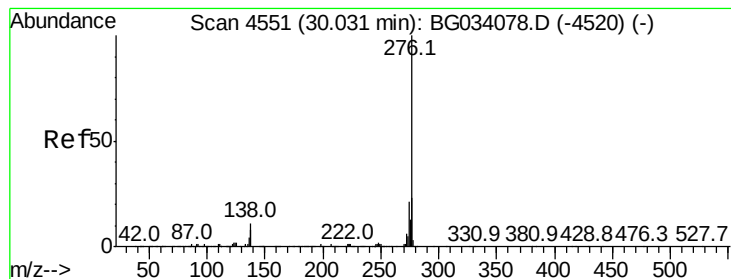
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#90
Dibenzo(a,h)anthracene
Concen: 39.198 ng
RT: 28.93 min Scan# 4363
Delta R.T. 0.01 min
Lab File: BG034082.D
Acq: 1 May 2018 17:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	6.7	9.8	14.6
279	24.0	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 39.316 ng

RT: 30.02 min Scan# 4549

Delta R.T. -0.01 min

Lab File: BG034082.D

Acq: 1 May 2018 17:16

Instrument :

BNA_G

ClientSampleId :

ICVBG050118

Tot Ion:	276	Resp:	1262001
Ion Ratio	Lower	Upper	
276	100		
277	22.5	18.3	27.5
138	10.5	13.9	20.9

Manual Integrations
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