

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050218\
 Data File : BG034120.D
 Acq On : 2 May 2018 17:34
 Operator : SJ/JU
 Sample : PB108725BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB108725BS

Manual Integrations
 APPROVED

Quant Time: May 03 05:05:53 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 19:08:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	75843	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	319171	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	251644	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	671486	20.00	ng	0.00
75) Chrysene-d12	21.76	240	668600	20.00	ng	0.00
86) Perylene-d12	25.05	264	684081	20.00	ng	-0.02

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System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	742046	158.07	ng	0.00
7) Phenol-d6	7.23	99	1116372	152.76	ng	0.00
23) Nitrobenzene-d5	9.24	82	791901	95.20	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	515455	147.93	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1632262	94.52	ng	0.00
78) Terphenyl-d14	20.09	244	2777189	90.99	ng	0.00

5/3/2018 4:59:31 PM

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	72058	36.554	ng	# 82
3) Pyridine	3.94	79	234824	37.966	ng	# 84
4) n-Nitrosodimethylamine	3.86	42	157506	46.703	ng	# 79
6) Aniline	7.39	93	381723	38.402	ng	94
8) 2-Chlorophenol	7.63	128	238245	50.862	ng	89
9) Benzaldehyde	7.20	77	127753	28.957	ng	91
10) Phenol	7.25	94	383546	52.034	ng	77
11) bis(2-Chloroethyl)ether	7.49	93	258333	44.517	ng	92
12) 1,3-Dichlorobenzene	7.96	146	248833	41.989	ng	# 90
13) 1,4-Dichlorobenzene	8.11	146	252967	42.981	ng	96
14) 1,2-Dichlorobenzene	8.43	146	242763	43.425	ng	94
15) Benzyl Alcohol	8.31	79	365374	46.867	ng	# 83
16) 2,2'-oxybis(1-Chloropropan	8.61	45	349991	43.836	ng	87
17) 2-Methylphenol	8.51	107	249017	51.342	ng	# 80
18) Hexachloroethane	9.17	117	106899	42.695	ng	99
19) n-Nitroso-di-n-propylamine	8.88	70	274895	41.885	ng	92
20) 3+4-Methylphenols	8.83	107	336061	46.784	ng	83
22) Acetophenone	8.90	105	434351	39.951	ng	# 95
24) Nitrobenzene	9.28	77	402591	44.213	ng	# 87
25) Isophorone	9.81	82	745603	43.936	ng	98
26) 2-Nitrophenol	10.00	139	133701	53.041	ng	# 65
27) 2,4-Dimethylphenol	10.05	122	271540	55.566	ng	92
28) bis(2-Chloroethoxy)methane	10.29	93	386214	46.333	ng	98
29) 2,4-Dichlorophenol	10.52	162	302645	51.811	ng	94
30) 1,2,4-Trichlorobenzene	10.75	180	296006	42.085	ng	95
31) Naphthalene	10.94	128	727748	43.380	ng	99
32) Benzoic acid	10.19	122	182721	42.888	ng	93
33) 4-Chloroaniline	11.04	127	157105	20.768	ng	# 83
34) Hexachlorobutadiene	11.23	225	245895	41.304	ng	97
35) Caprolactam	11.82	113	107028m	51.585	ng	
36) 4-Chloro-3-methylphenol	12.16	107	368744	48.685	ng	94
37) 2-Methylnaphthalene	12.55	142	596467	43.849	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	425093	43.655	ng	# 98
40) Hexachlorocyclopentadiene	12.89	237	611393	105.963	ng	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
42) 2,4,6-Trichlorophenol	13.14	196	289268	51.129	nq	93	
43) 2,4,5-Trichlorophenol	13.22	196	307654	49.189	nq	94	
45) 1,1'-Biphenyl	13.55	154	835932	42.523	nq	99	
46) 2-Chloronaphthalene	13.59	162	658736	44.261	nq	97	
47) 2-Nitroaniline	13.79	65	294026	49.414	nq	87	
48) Acenaphthylene	14.44	152	1019093	42.888	nq	97	
49) Dimethylphthalate	14.17	163	922993	42.299	nq	#	96
50) 2,6-Dinitrotoluene	14.29	165	205685	49.079	nq	#	78
51) Acenaphthene	14.78	154	678609	42.020	nq		94
52) 3-Nitroaniline	14.61	138	128399	30.396	nq	#	84
53) 2,4-Dinitrophenol	14.82	184	229139	139.760	nq	#	72
54) Dibenzofuran	15.12	168	1048194	44.771	nq		92
55) 4-Nitrophenol	14.91	139	317033	98.331	nq	#	43
56) 2,4-Dinitrotoluene	15.07	165	301315	52.950	nq		88
57) Fluorene	15.77	166	862992	42.291	nq		98
58) 2,3,4,6-Tetrachlorophenol	15.34	232	329770	50.966	nq		96
59) Diethylphthalate	15.54	149	973382	42.154	nq		97
60) 4-Chlorophenyl-phenylether	15.76	204	543457	44.766	nq		98
61) 4-Nitroaniline	15.78	138	196861	43.935	nq	#	48
62) Azobenzene	16.06	77	1068752	42.845	nq		95
64) 4,6-Dinitro-2-methylphenol	15.84	198	155812	49.351	nq		98
65) n-Nitrosodiphenylamine	15.98	169	788120	43.044	nq		98
66) 4-Bromophenyl-phenylether	16.66	248	366218	43.927	nq		95
67) Hexachlorobenzene	16.77	284	356947	42.179	nq	#	93
68) Atrazine	16.93	200	378891	Below	Cal		94
69) Pentachlorophenol	17.11	266	498482	84.510	nq		97
70) Phenanthrene	17.52	178	1466139	42.492	nq		97
71) Anthracene	17.60	178	1505073	43.040	nq		99
72) Carbazole	17.87	167	1312227	40.992	nq		96
73) Di-n-butylphthalate	18.44	149	1531085	39.735	nq	#	96
74) Fluoranthene	19.52	202	1823692	41.827	nq		93
76) Benzidine	19.70	184	1025484	59.543	nq		98
77) Pyrene	19.88	202	1800321m	42.978	nq		
79) Butylbenzylphthalate	20.78	149	713337	43.622	nq		93
80) Benzo(a)anthracene	21.74	228	1866611	43.563	nq		99
81) 3,3'-Dichlorobenzidine	21.66	252	480247	29.638	nq	#	98
82) Chrysene	21.81	228	1736682	42.345	nq		97
83) Bis(2-ethylhexyl)phthalate	21.67	149	930465	41.343	nq	#	98
84) Di-n-octyl phthalate	22.92	149	1619923	45.065	nq		98
85) Indeno(1,2,3-cd)pyrene	28.81	276	2098677	46.499	nq	#	85
87) Benzo(b)fluoranthene	24.01	252	1900945	43.990	nq	#	95
88) Benzo(k)fluoranthene	24.08	252	1813629	43.912	nq	#	95
89) Benzo(a)pyrene	24.90	252	1824981	45.141	nq	#	96
90) Dibenzo(a,h)anthracene	28.89	278	1718117	45.083	nq	#	93
91) Benzo(g,h,i)perylene	29.98	276	1711809	45.572	nq	#	91

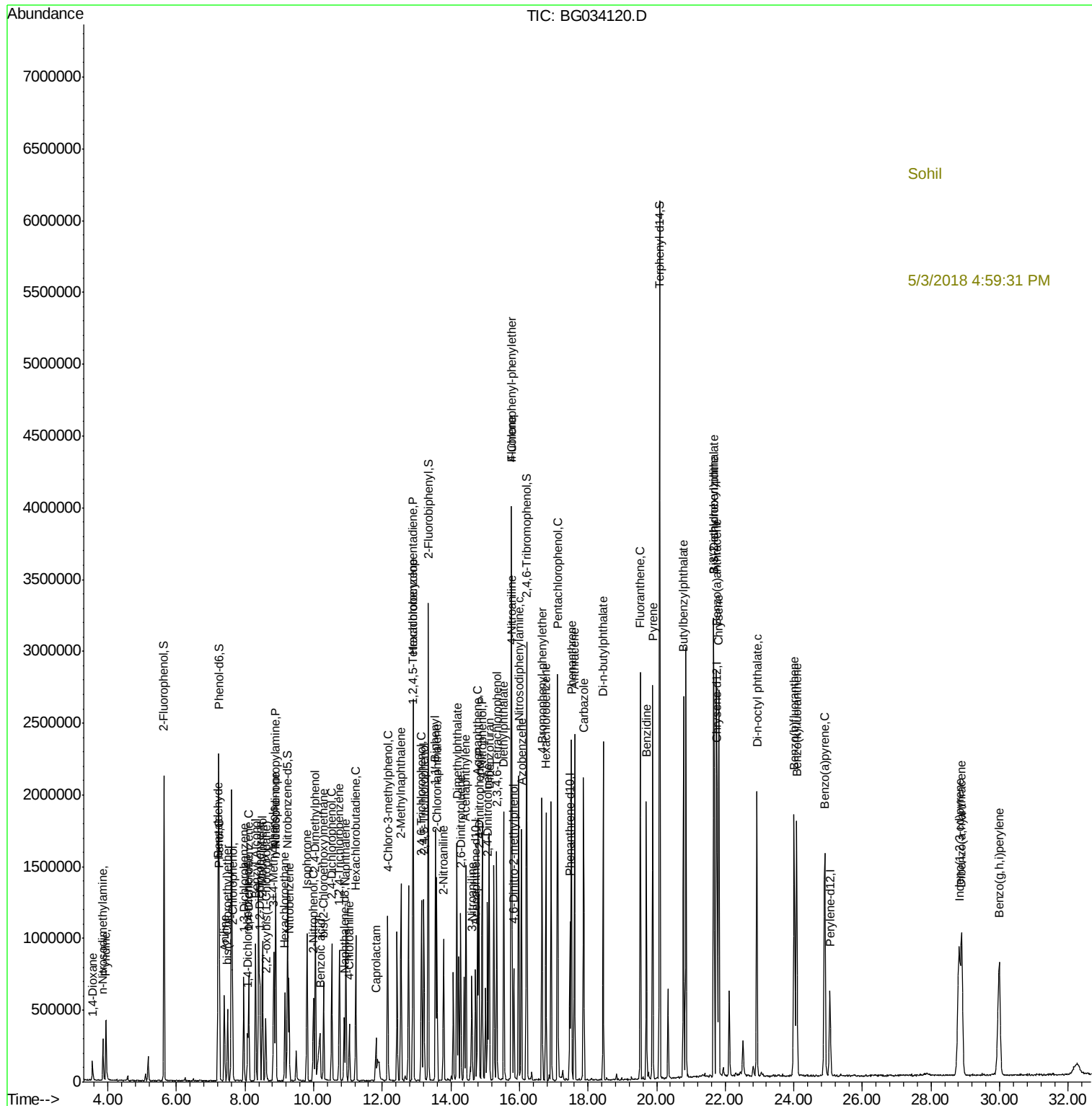
(#) = qualifier out of range (m) = manual integration (+) = signals summed

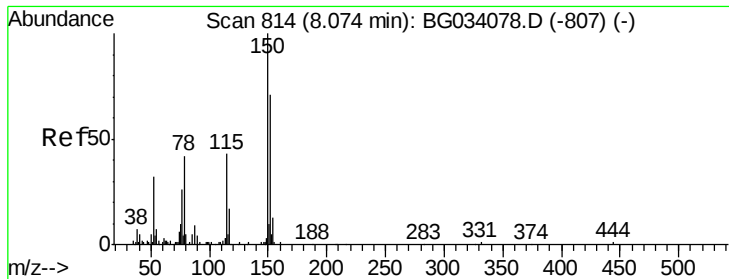
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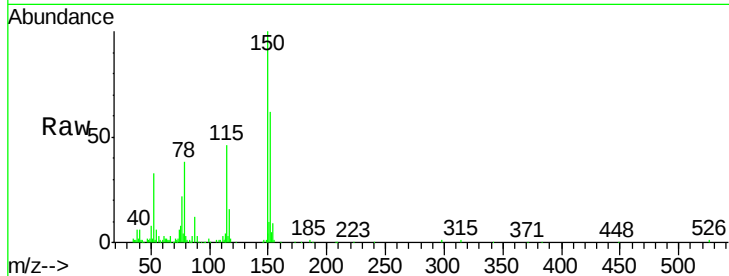
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. 0.00 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

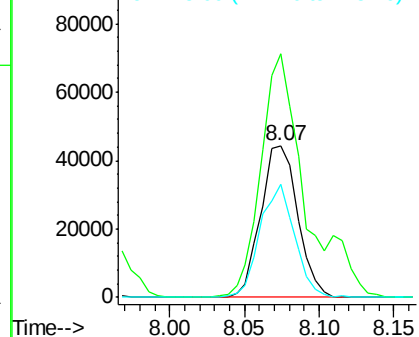
Instrument :
BNA_G
ClientSampleId :
PB108725BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	126.6	189.8
115	74.3	53.0	79.4

Manual Integrations
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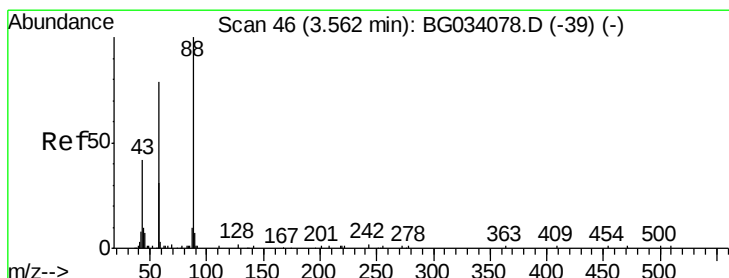
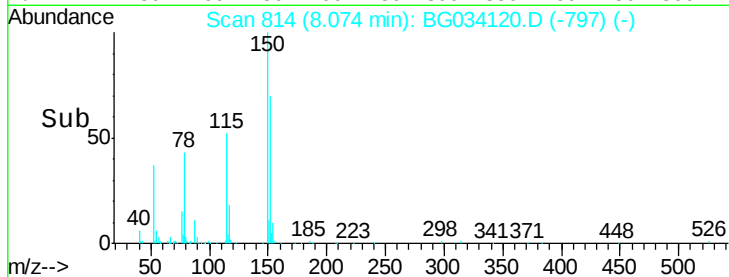


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



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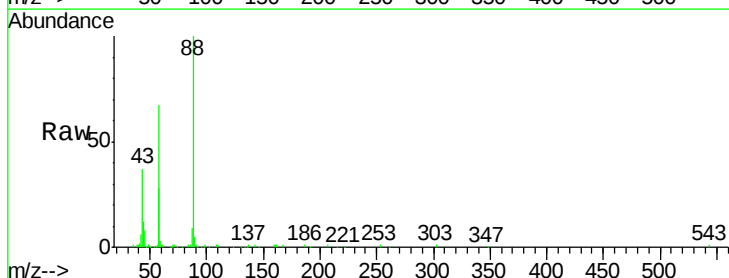
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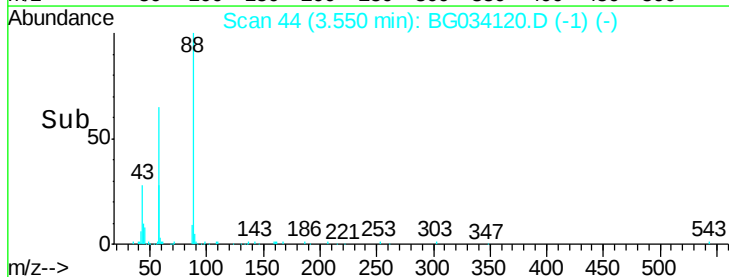
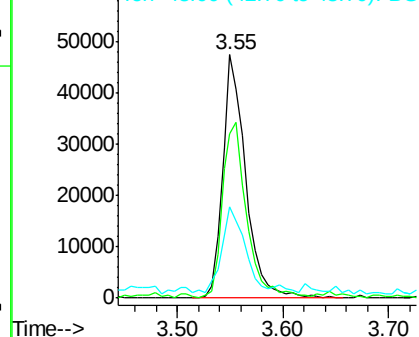
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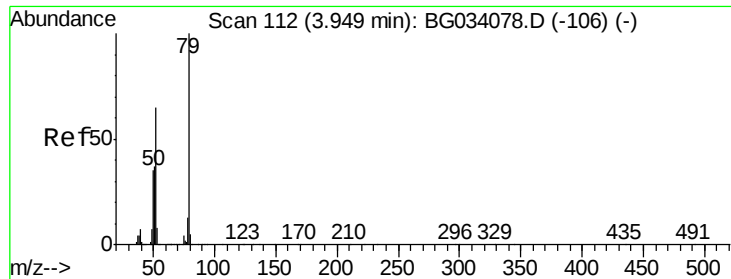
1,4-Dioxane
Concen: 36.554 ng
RT: 3.55 min Scan# 44
Delta R.T. -0.01 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.5	79.6	119.4#
43	35.1	27.4	41.0



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 37.966 ng

RT: 3.94 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

Instrument :

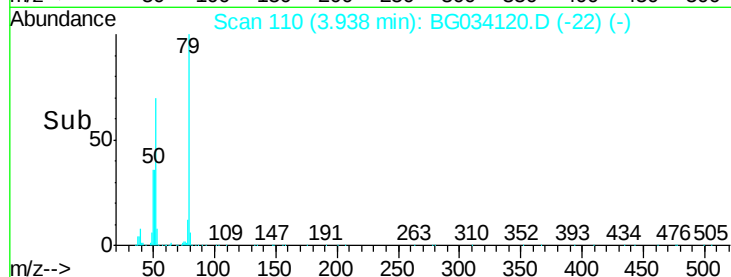
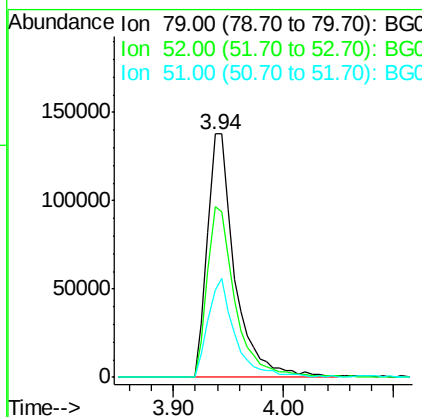
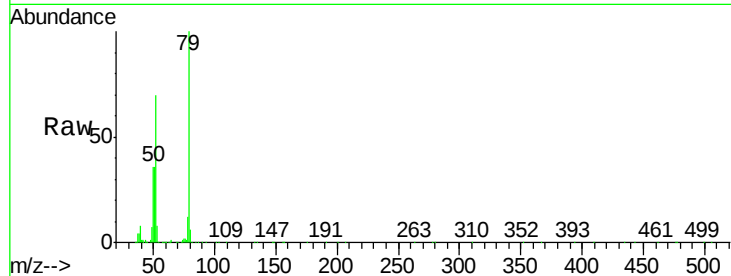
BNA_G

ClientSampleId :

PB108725BS

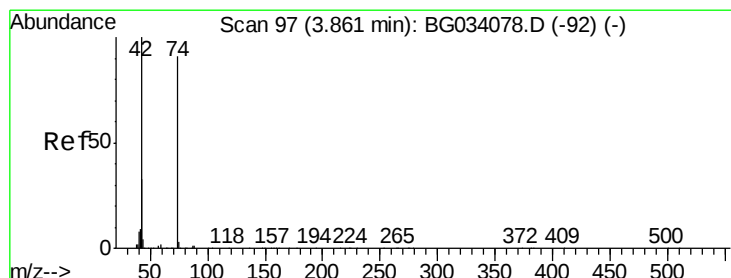
Tot Ion:	79	Resp:	234824
Ion Ratio	Lower	Upper	
79	100		
52	69.9	69.9	104.9#
51	36.0	34.0	51.0

Manual Integrations
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5/3/2018 4:59:31 PM



#4

n-Nitrosodimethylamine

Concen: 46.703 ng

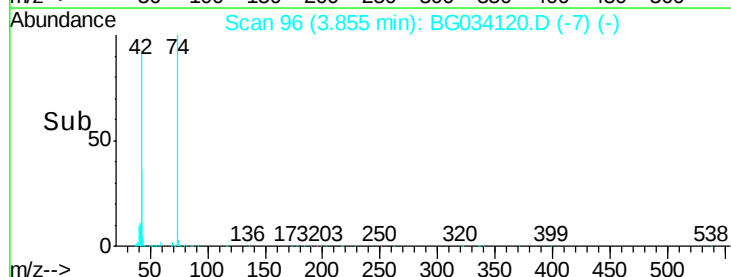
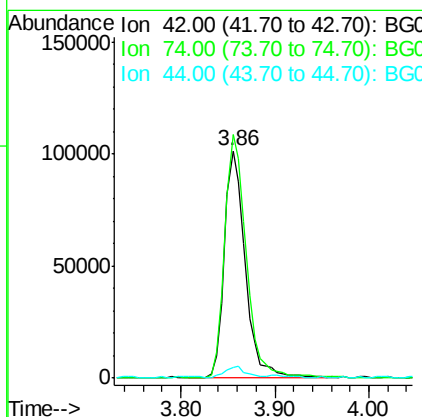
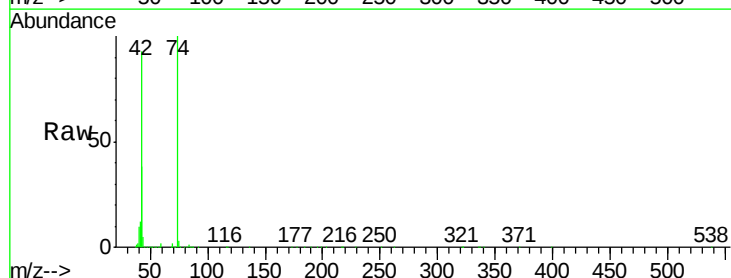
RT: 3.86 min Scan# 96

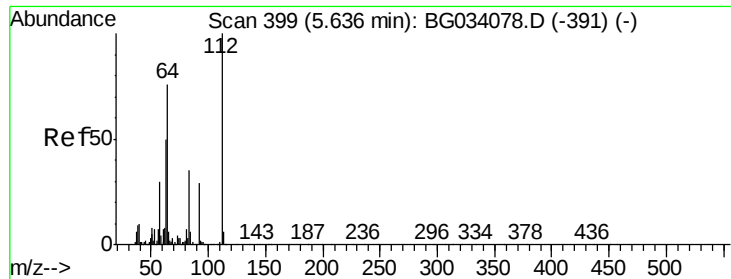
Delta R.T. -0.01 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

Tgt Ion:	42	Resp:	157506
Ion Ratio	Lower	Upper	
42	100		
74	107.1	102.5	153.7
44	4.9	18.9	28.3#





#5

2-Fluorophenol

Concen: 158.073 ng

RT: 5.64 min Scan# 399

Delta R.T. 0.00 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

Instrument :

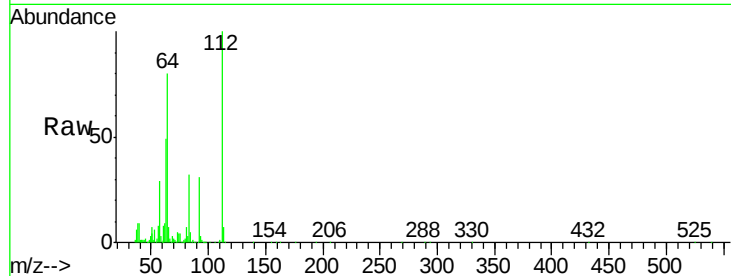
BNA_G

ClientSampleId :

PB108725BS

Tot Ion:	112	Resp:	742046
Ion Ratio	Lower	Upper	
112	100		
64	79.8	56.3	84.5
63	48.6	30.1	45.1#

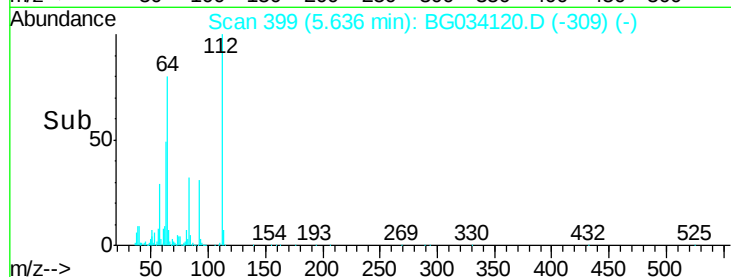
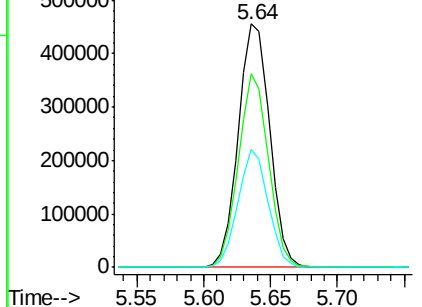
Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): BGC

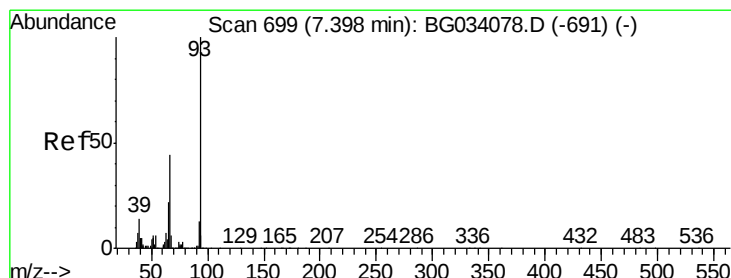
Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



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#6

Aniline

Concen: 38.402 ng

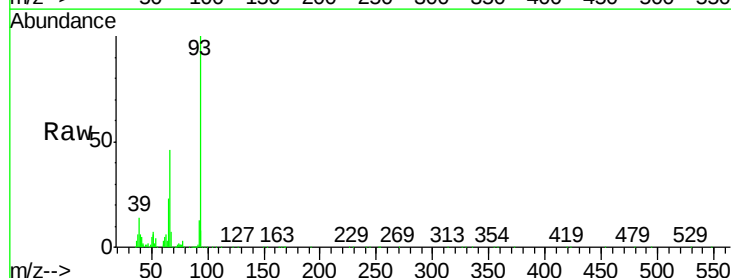
RT: 7.39 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

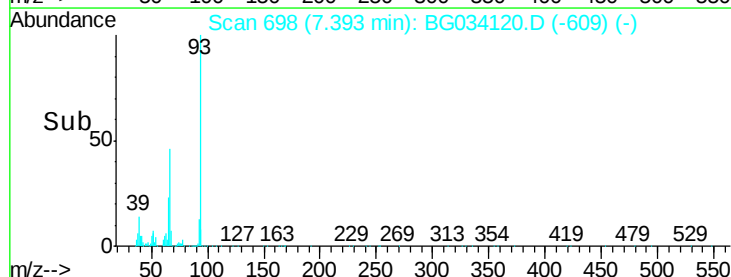
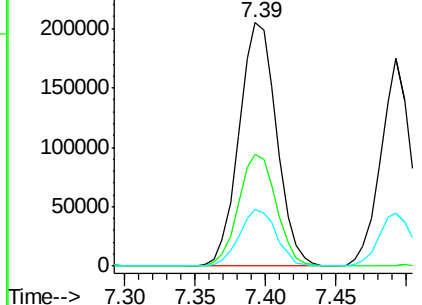
Tgt Ion:	93	Resp:	381723
Ion Ratio	Lower	Upper	
93	100		
66	46.0	33.7	50.5
65	23.4	16.1	24.1

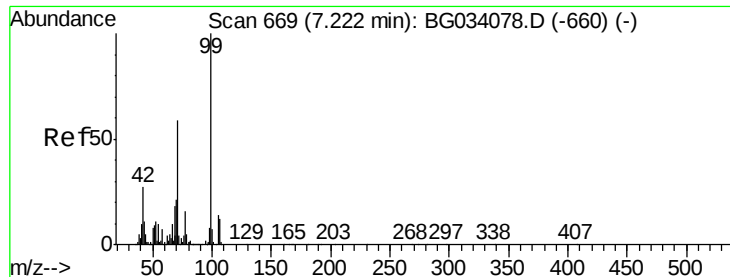


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 152.756 ng

RT: 7.23 min Scan# 670

Delta R.T. 0.01 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

Instrument :

BNA_G

ClientSampleId :

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Tot Ion: 99 Resp: 1116372

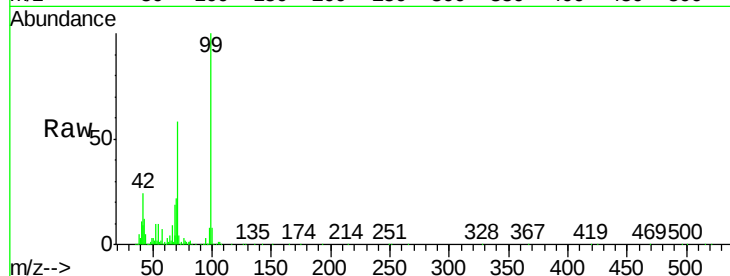
Ion Ratio Lower Upper

99 100

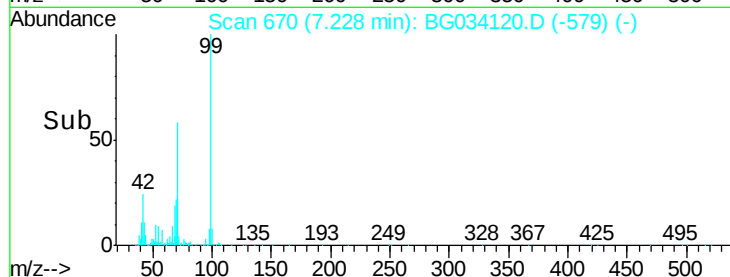
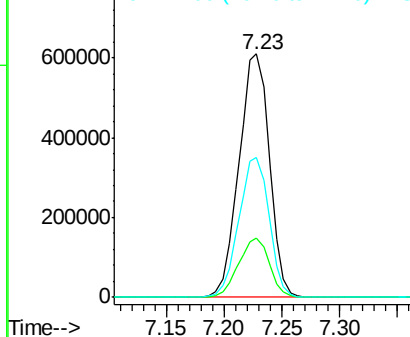
42 24.3 14.1 21.1#

71 57.6 26.1 39.1#

Manual Integrations
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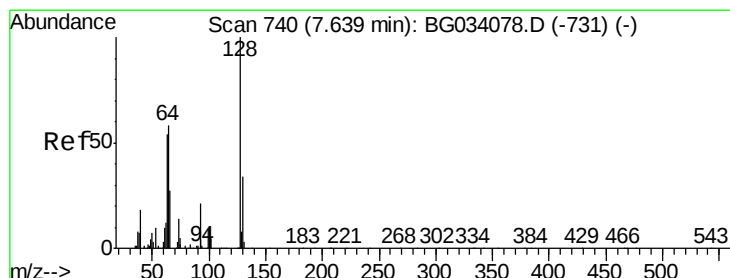


Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



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5/3/2018 4:59:31 PM



#8

2-Chlorophenol

Concen: 50.862 ng

RT: 7.63 min Scan# 739

Delta R.T. -0.01 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

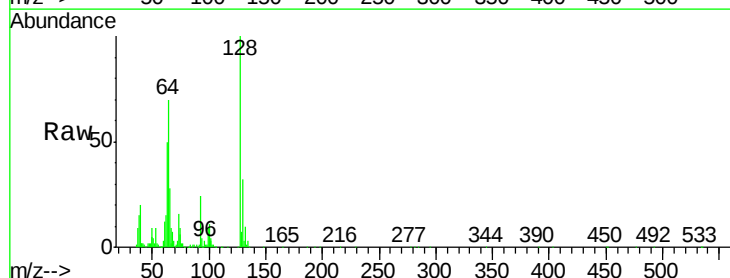
Tgt Ion: 128 Resp: 238245

Ion Ratio Lower Upper

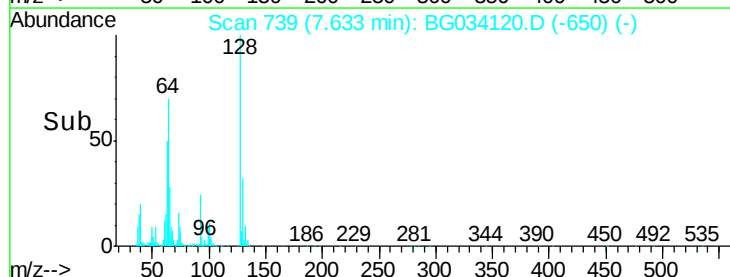
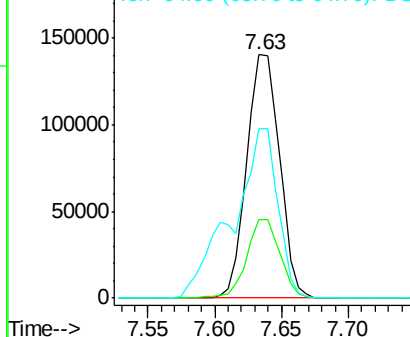
128 100

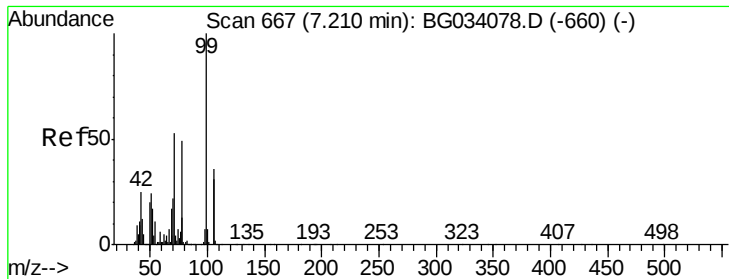
130 32.0 14.0 54.0

64 69.5 37.7 77.7



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 28.957 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

Instrument :

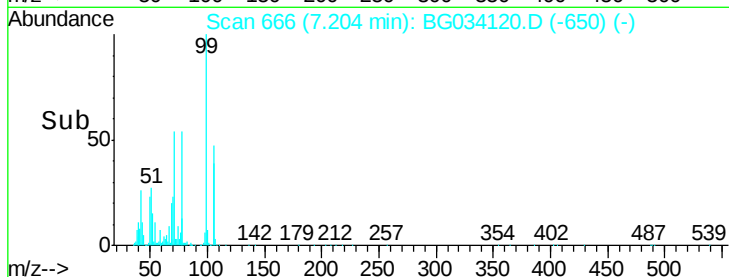
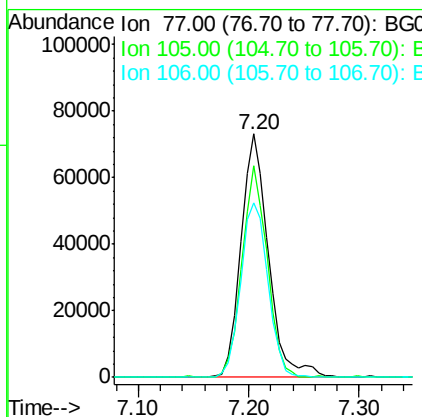
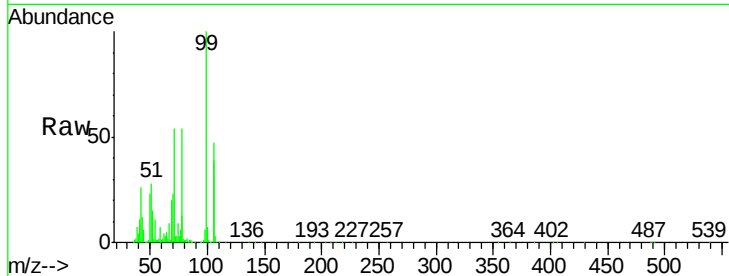
BNA_G

ClientSampled :

PB108725BS

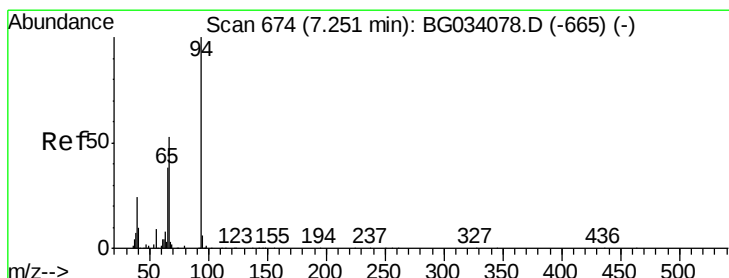
Tot Ion:	77	Resp:	127753
Ion	Ratio	Lower	Upper
77	100		
105	87.0	71.3	111.3
106	71.5	64.2	104.2

Manual Integrations
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5/3/2018 4:59:31 PM



#10

Phenol

Concen: 52.034 ng

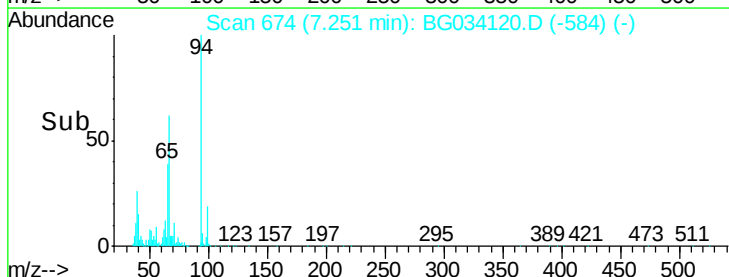
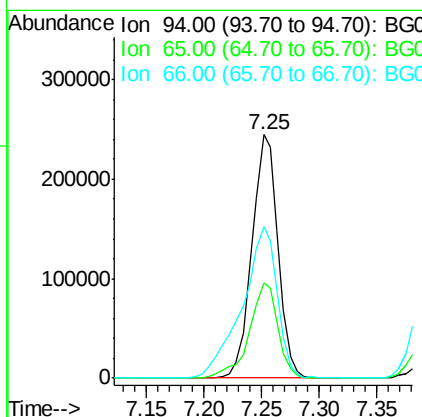
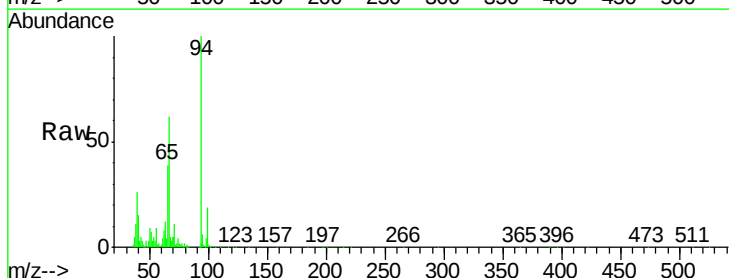
RT: 7.25 min Scan# 674

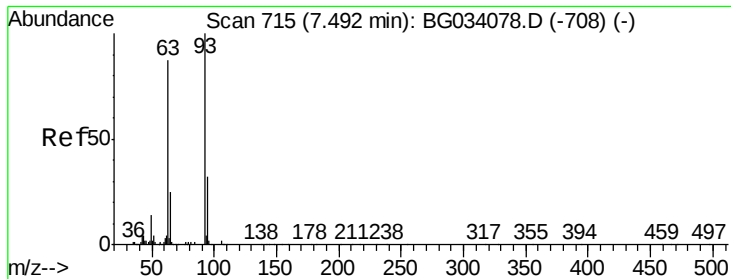
Delta R.T. 0.00 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

Tgt Ion:	94	Resp:	383546
Ion	Ratio	Lower	Upper
94	100		
65	38.8	11.9	51.9
66	62.0	22.2	62.2



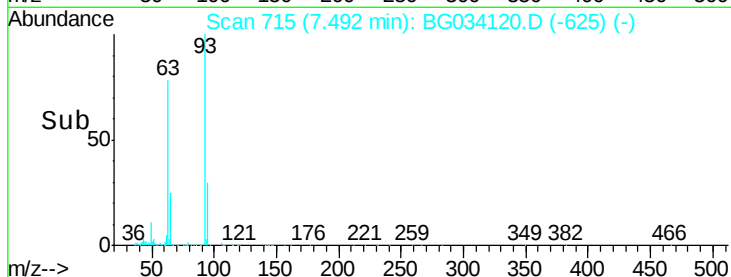
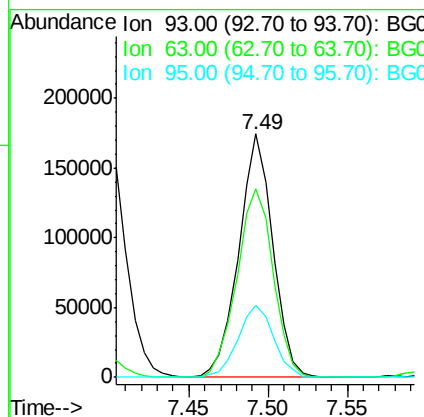
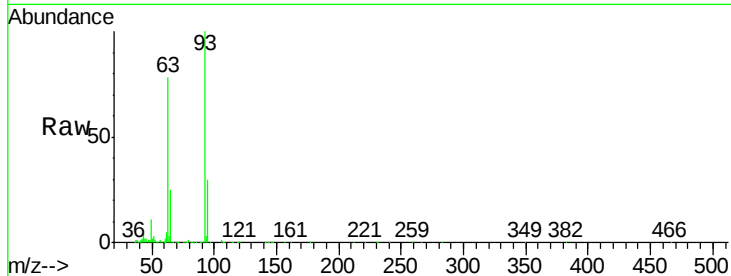


#11
bis(2-Chloroethyl)ether
Concen: 44.517 ng
RT: 7.49 min Scan# 715
Delta R.T. 0.00 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

Instrument :
BNA_G
ClientSampleId :
PB108725BS

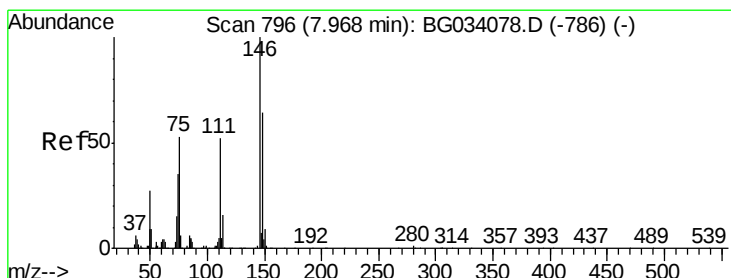
Tot Ion	Ratio	Lower	Upper
93	100		
63	77.6	67.1	107.1
95	29.5	11.5	51.5

Manual Integrations
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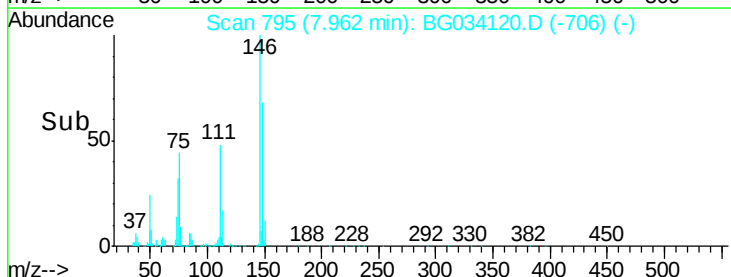
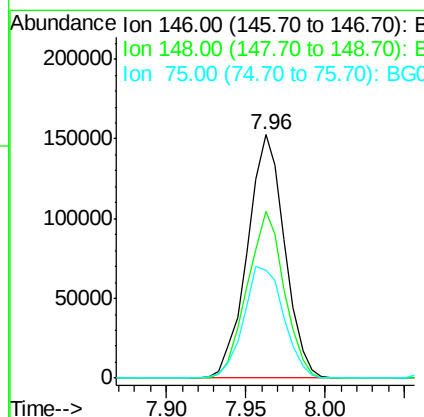
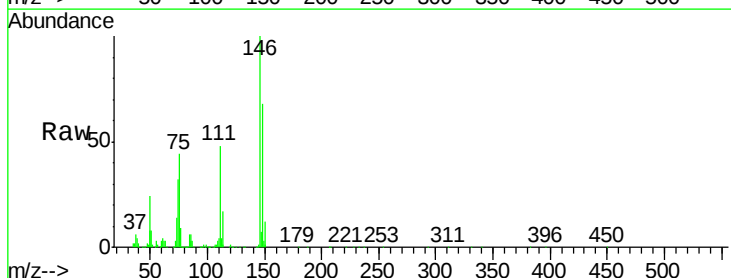
Sohil

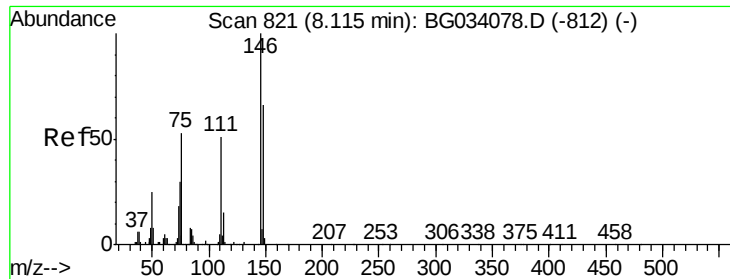
5/3/2018 4:59:31 PM



#12
1,3-Dichlorobenzene
Concen: 41.989 ng
RT: 7.96 min Scan# 795
Delta R.T. -0.01 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.3	51.4	77.2
75	44.4	26.6	39.8



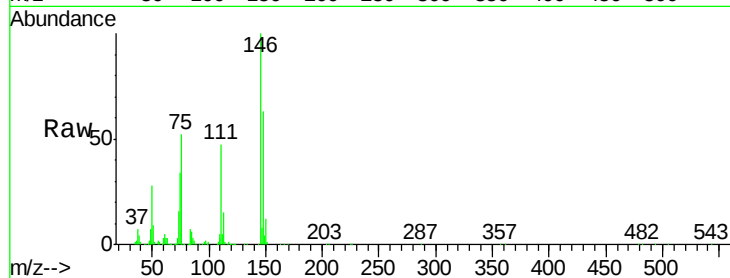


#13
1,4-Dichlorobenzene
Concen: 42.981 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.01 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

Instrument :
BNA_G
ClientSampleId :
PB108725BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	53.7	80.5
111	46.6	35.2	52.8

Manual Integrations
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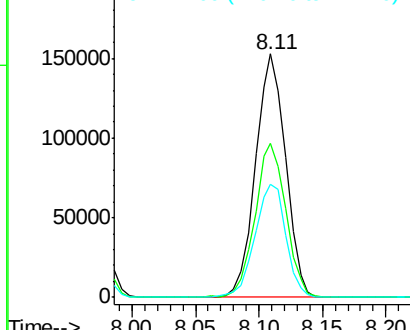


Abundance

Ion 146.00 (145.70 to 146.70): E

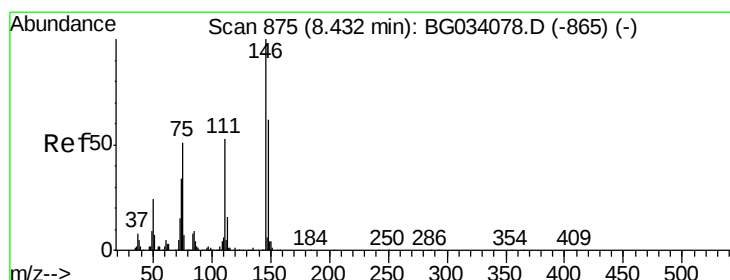
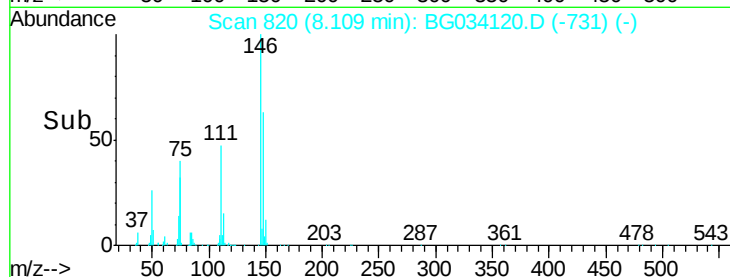
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



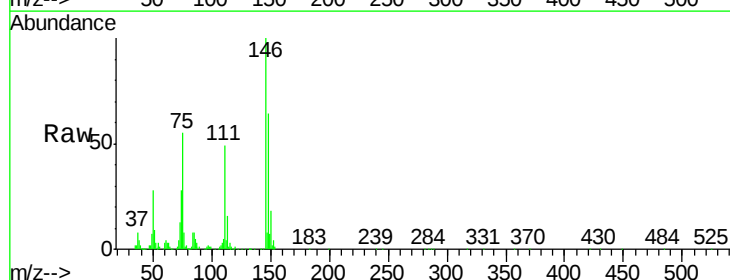
Sohil

5/3/2018 4:59:31 PM



#14
1,2-Dichlorobenzene
Concen: 43.425 ng
RT: 8.43 min Scan# 874
Delta R.T. -0.01 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	49.3	73.9
111	49.5	34.3	51.5

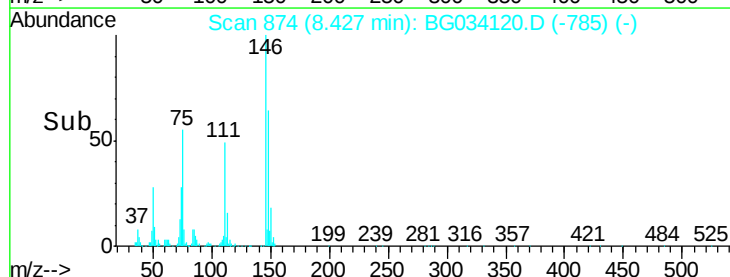
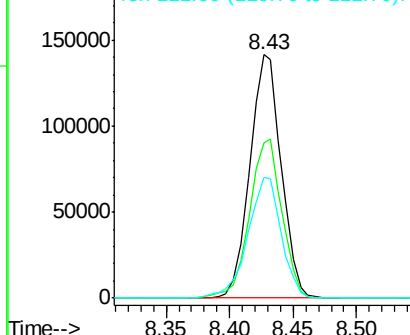


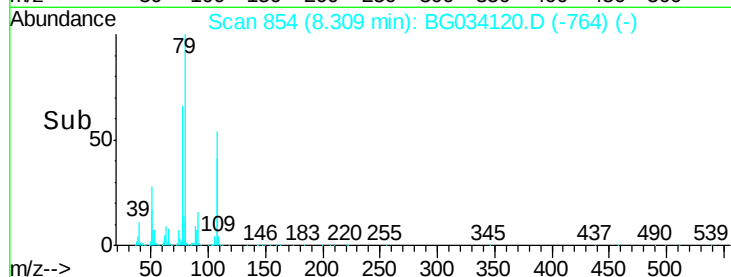
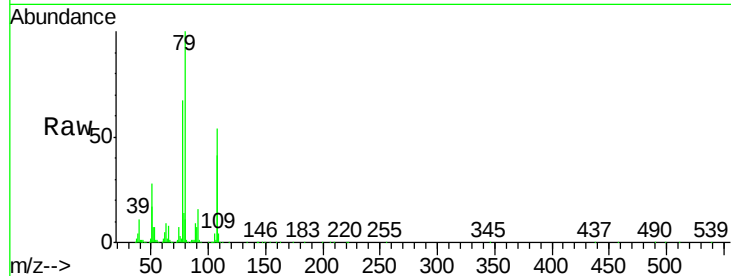
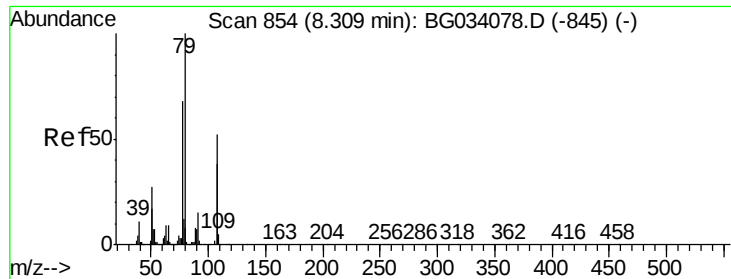
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.867 ng

RT: 8.31 min Scan# 854

Delta R.T. 0.00 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

Tot Ion:	79	Resp:	365374
Ion Ratio	Lower	Upper	
79	100		
108	54.2	57.2	85.8#
77	66.5	46.1	69.1

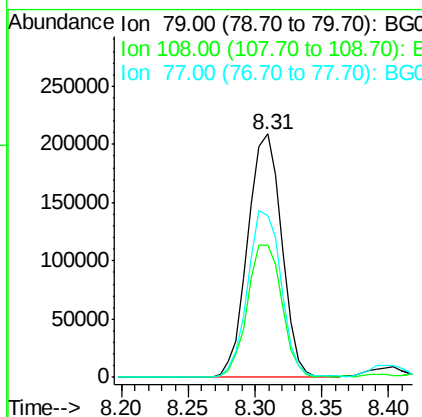
Instrument :

BNA_G

ClientSampleId :

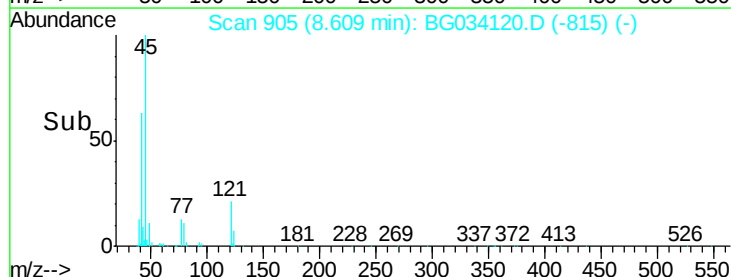
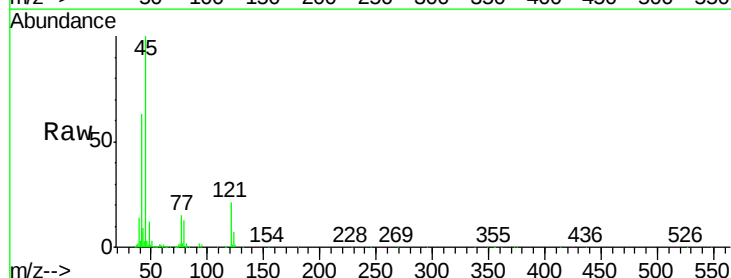
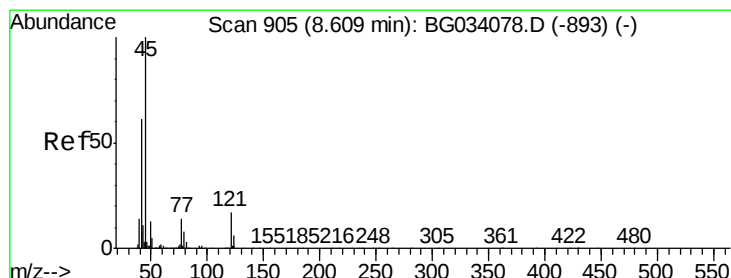
PB108725BS

Manual Integrations
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5/3/2018 4:59:31 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.836 ng

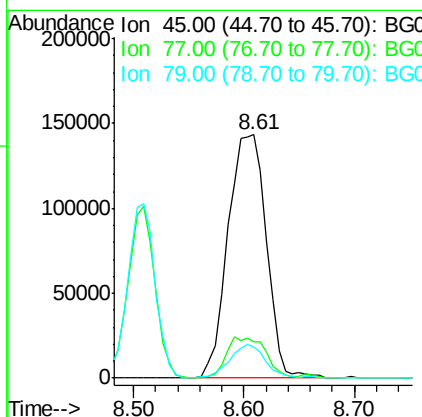
RT: 8.61 min Scan# 905

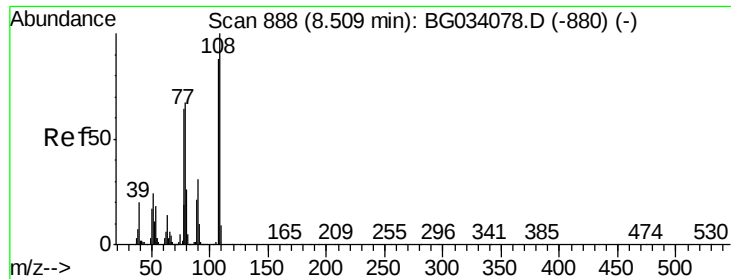
Delta R.T. 0.00 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

Tgt Ion:	45	Resp:	349991
Ion Ratio	Lower	Upper	
45	100		
77	14.9	0.0	30.2
79	12.6	0.0	27.9



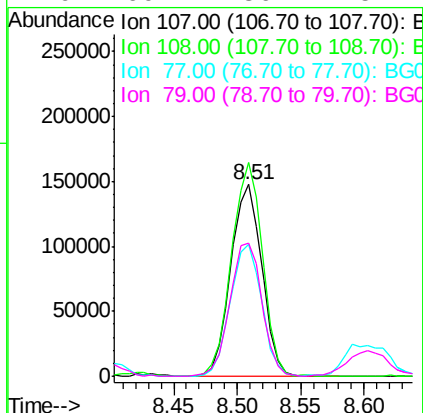
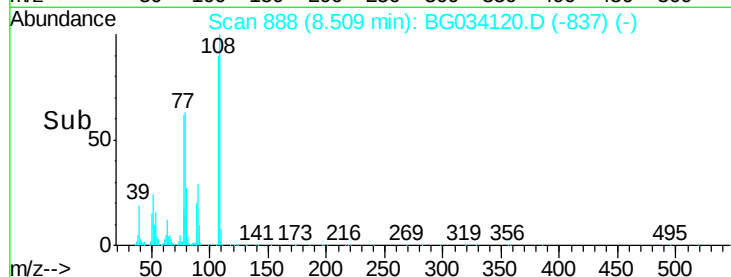
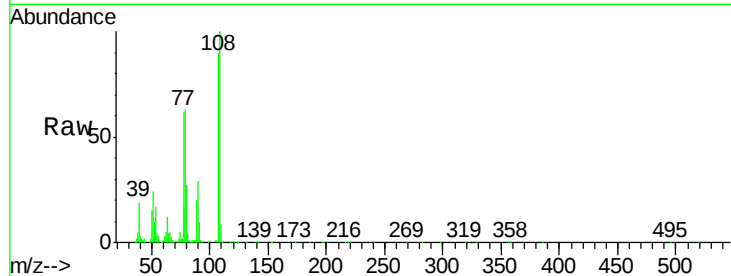


#17
2-Methylphenol
Concen: 51.342 ng
RT: 8.51 min Scan# 888
Delta R.T. 0.00 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

Instrument :
BNA_G
ClientSampleId :
PB108725BS

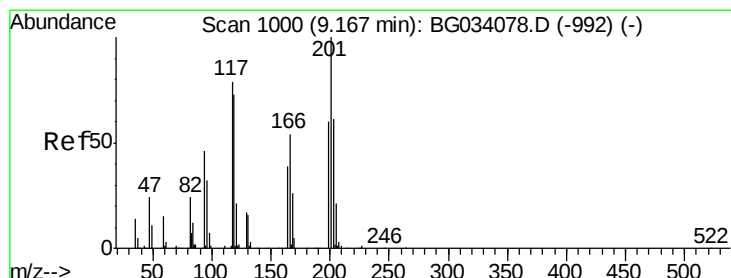
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.3	83.9	125.9	
77	68.6	37.2	55.8	
79	69.7	36.2	54.2	

Manual Integrations
APPROVED



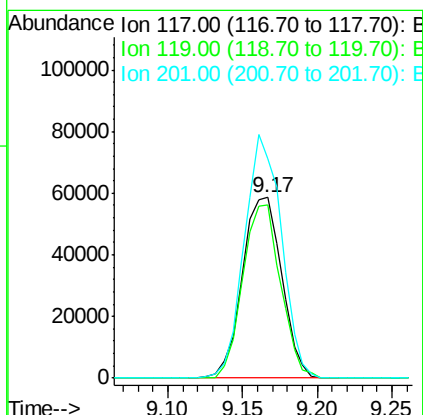
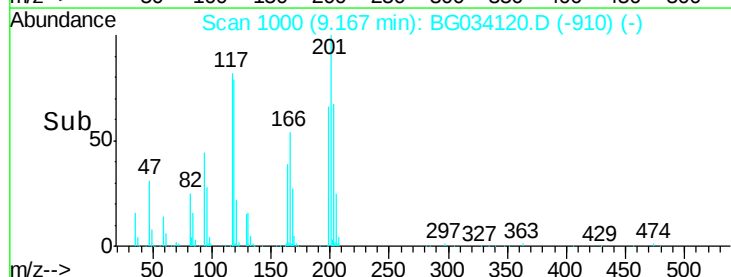
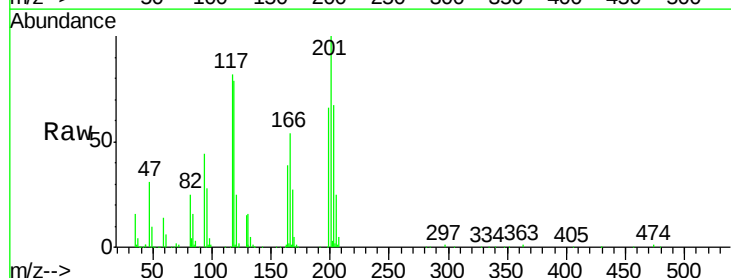
Sohil

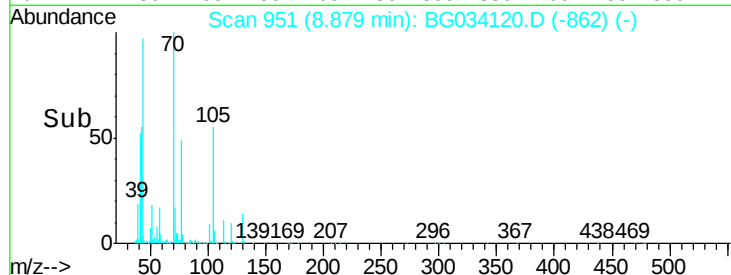
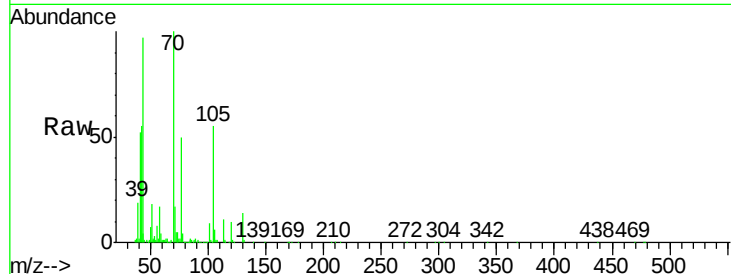
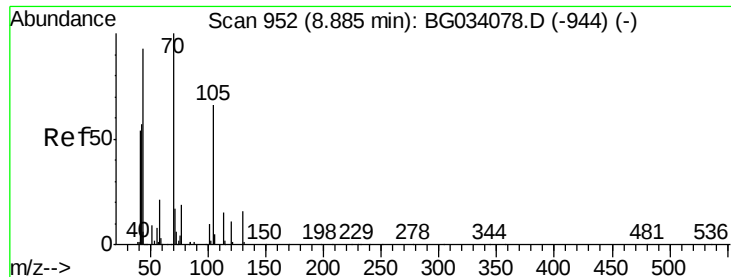
5/3/2018 4:59:31 PM



#18
Hexachloroethane
Concen: 42.695 ng
RT: 9.17 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

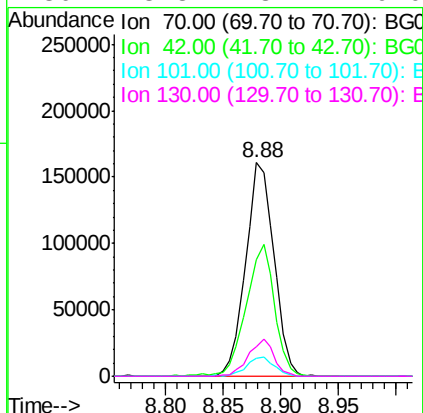
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	76.7	115.1	
201	122.0	95.7	143.5	





#19
n-Nitroso-di-n-propylamine
Concen: 41.885 ng
RT: 8.88 min Scan# 951
Delta R.T. -0.01 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.7	49.1	73.7	
101	8.6	8.5	12.7	
130	13.8	13.4	20.0	

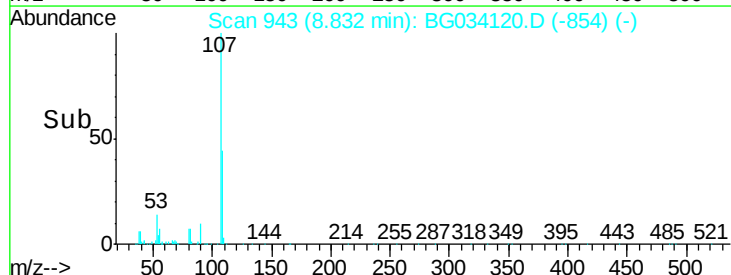
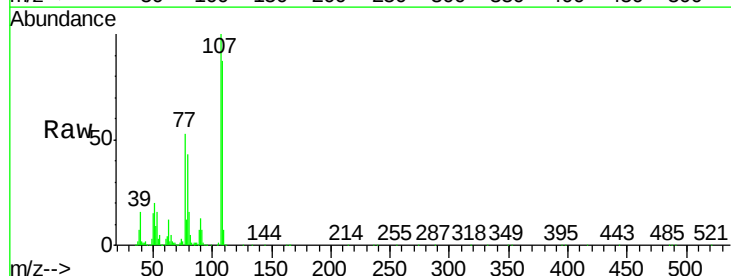
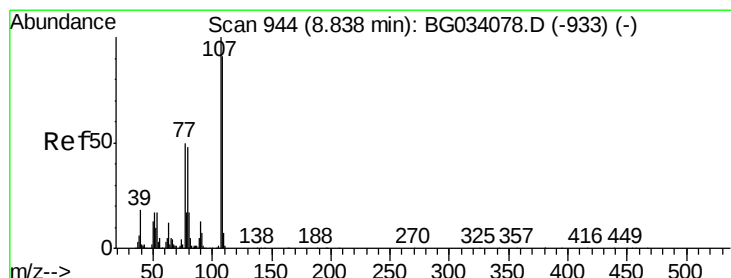


Instrument :
BNA_G
ClientSampleId :
PB108725BS

Manual Integrations
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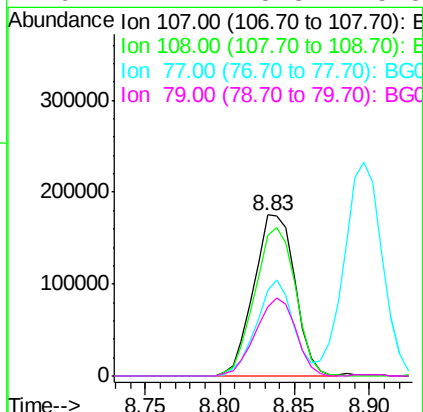
Sohil

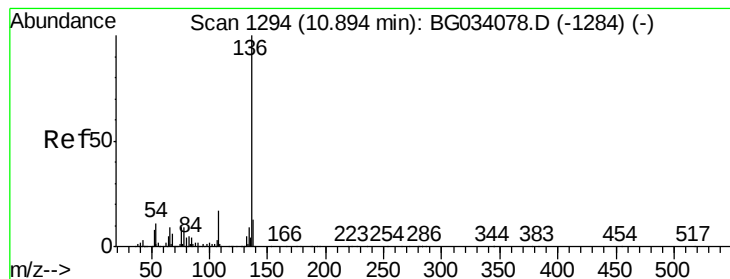
5/3/2018 4:59:31 PM



#20
3+4-Methylphenols
Concen: 46.784 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.01 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.1	61.6	101.6	
77	53.5	13.9	53.9	
79	42.7	8.8	48.8	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.89 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

Instrument :

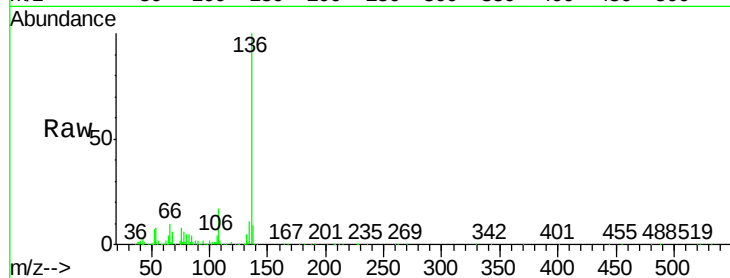
BNA_G

ClientSampleId :

PB108725BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	319171		
137	9.3	9.2	13.8	
54	8.2	10.3	15.5	
68	5.9	4.5	6.7	

Manual Integrations
APPROVED

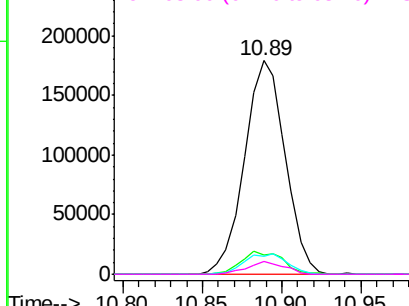


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

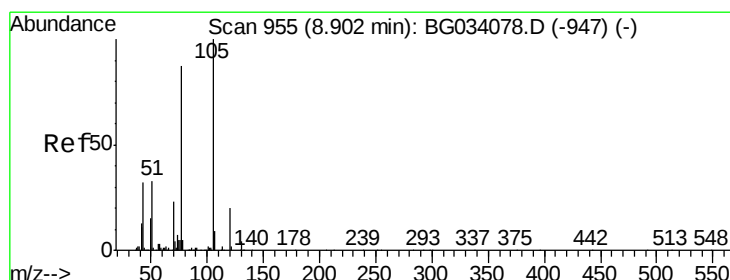
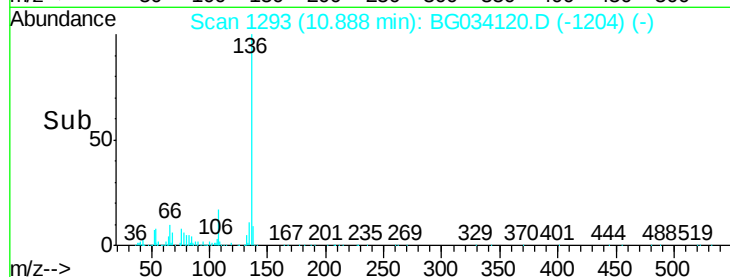
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



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5/3/2018 4:59:31 PM



#22

Acetophenone

Concen: 39.951 ng

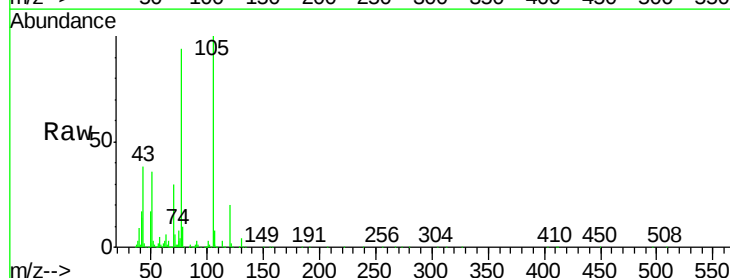
RT: 8.90 min Scan# 954

Delta R.T. -0.01 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	434351		
71	5.5	3.0	4.4	
51	35.9	26.1	39.1	
120	19.7	17.4	26.2	

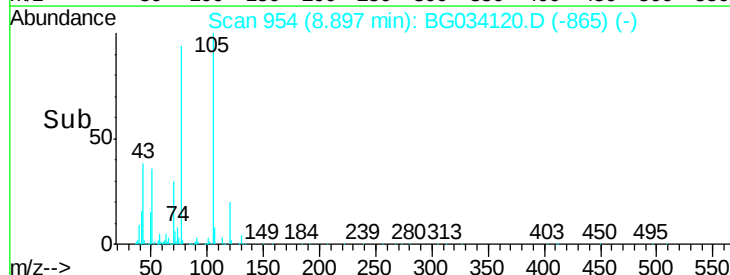
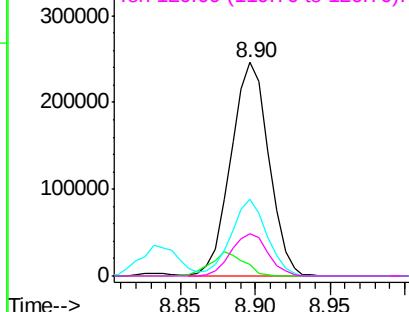


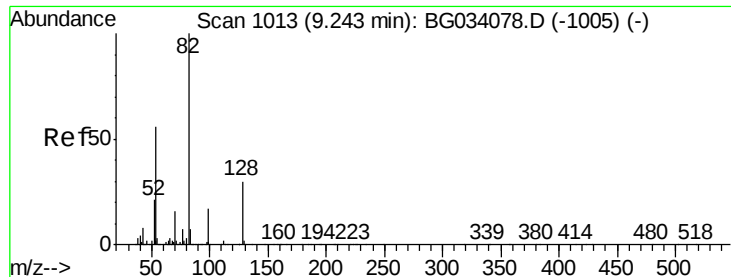
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



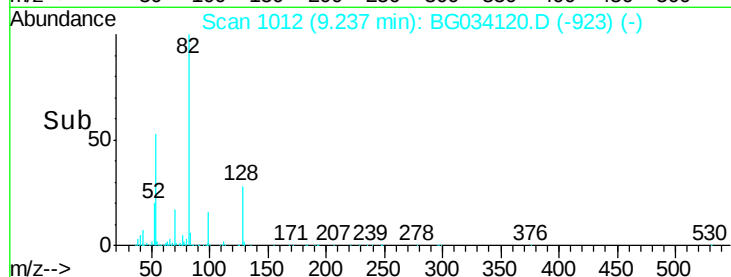
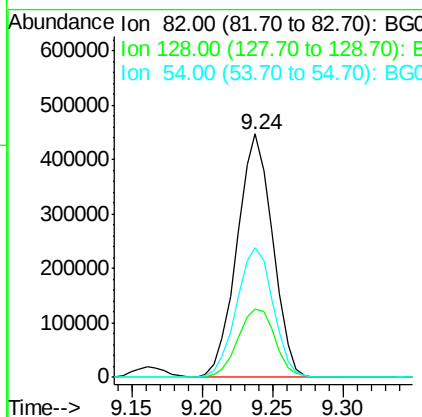
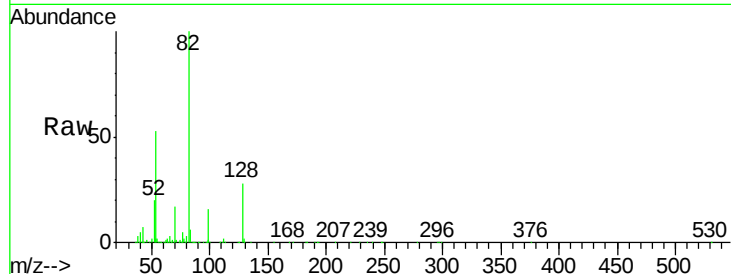


#23
Nitrobenzene-d5
Concen: 95.196 ng
RT: 9.24 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

Instrument :
BNA_G
ClientSampleId :
PB108725BS

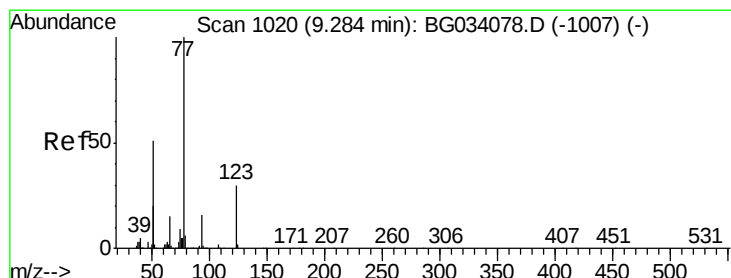
Tot Ion	Ratio	Lower	Upper
82	100		
128	27.9	29.7	44.5#
54	53.3	43.1	64.7

Manual Integrations
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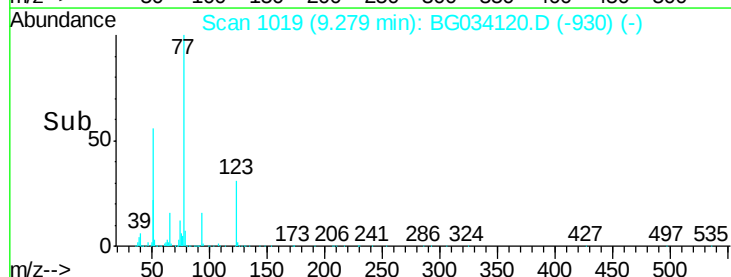
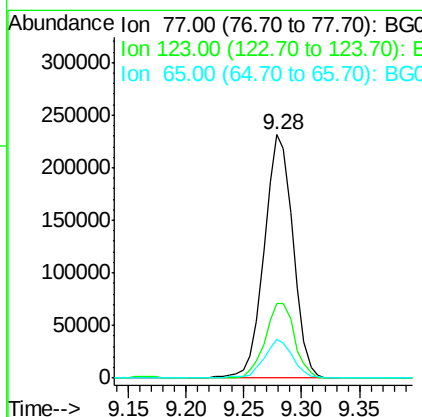
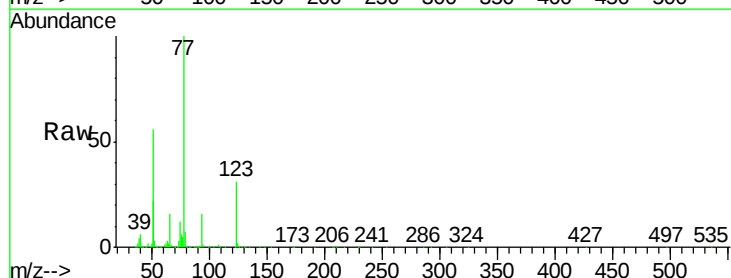
Sohil

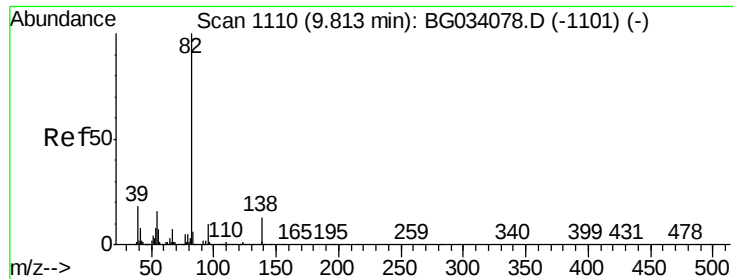
5/3/2018 4:59:31 PM



#24
Nitrobenzene
Concen: 44.213 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

Tgt Ion	Ratio	Lower	Upper
77	100		
123	30.5	33.0	49.6#
65	15.8	13.0	19.6





#25

Isophorone

Concen: 43.936 ng

RT: 9.81 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

Instrument :

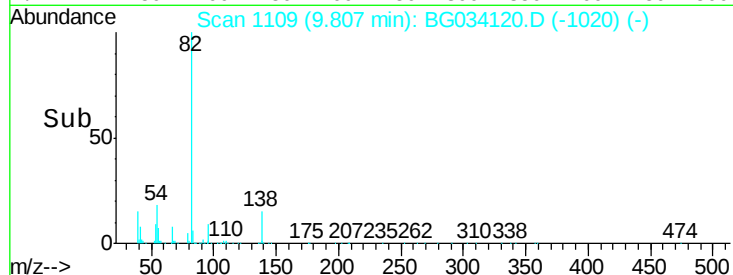
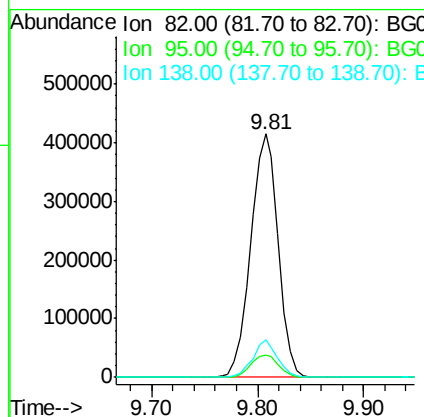
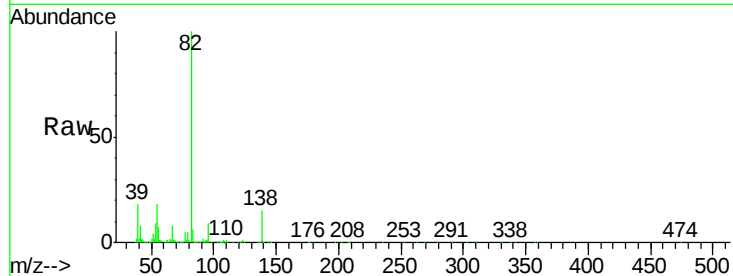
BNA_G

ClientSampleId :

PB108725BS

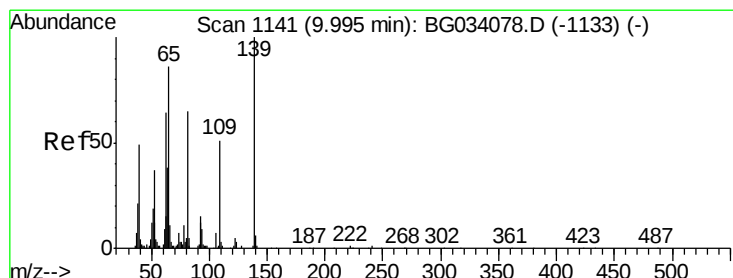
Tot Ion:	82	Resp:	745603
Ion Ratio	Lower	Upper	
82	100		
95	9.0	6.2	9.2
138	15.3	12.1	18.1

Manual Integrations
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5/3/2018 4:59:31 PM



#26

2-Nitrophenol

Concen: 53.041 ng

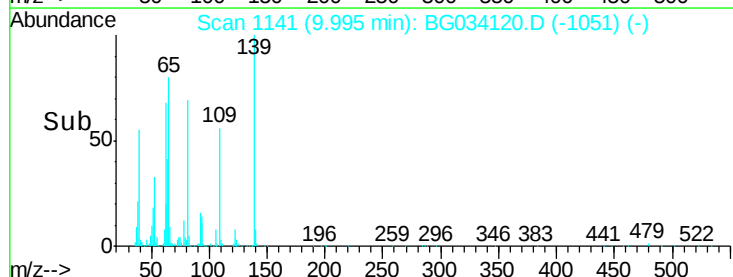
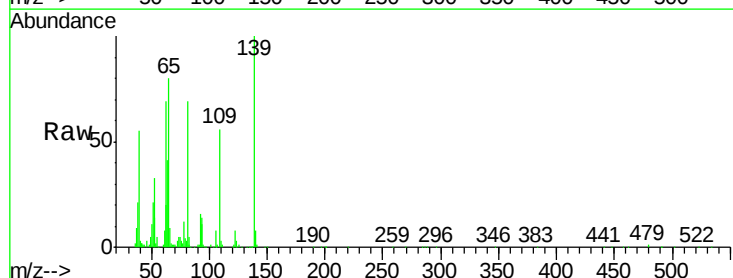
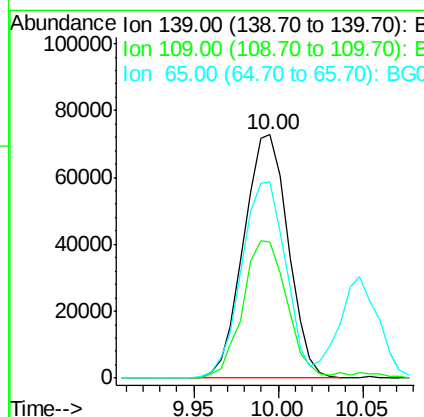
RT: 10.00 min Scan# 1141

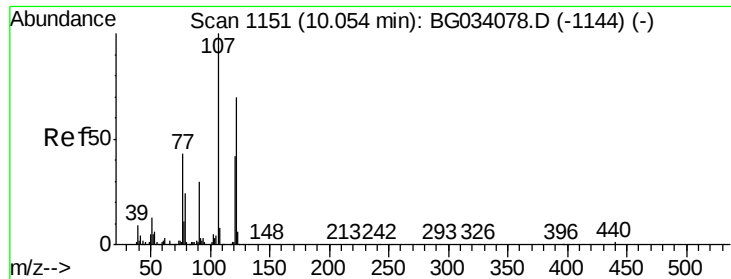
Delta R.T. 0.00 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

Tgt Ion:	139	Resp:	133701
Ion Ratio	Lower	Upper	
139	100		
109	56.1	24.2	36.2#
65	80.5	47.4	71.0#



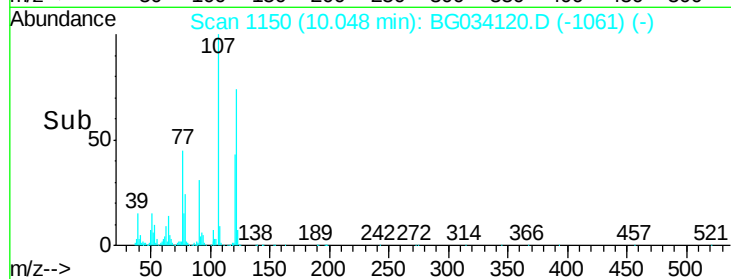
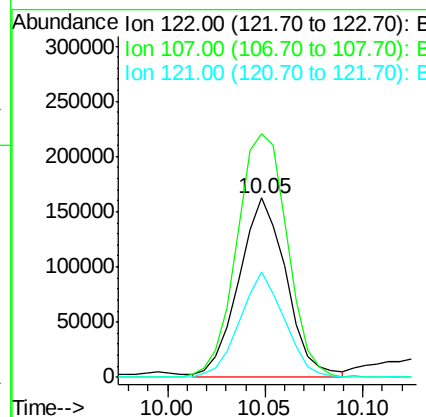
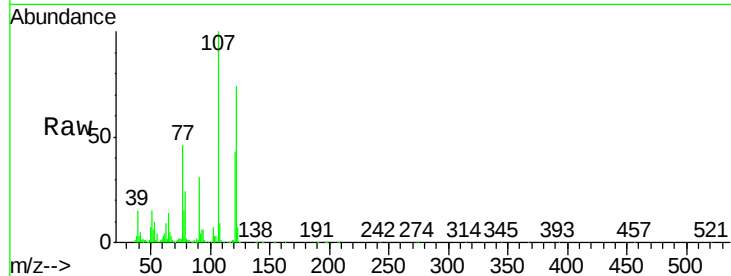


#27
2,4-Dimethylphenol
Concen: 55.566 ng
RT: 10.05 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

Instrument :
BNA_G
ClientSampleId :
PB108725BS

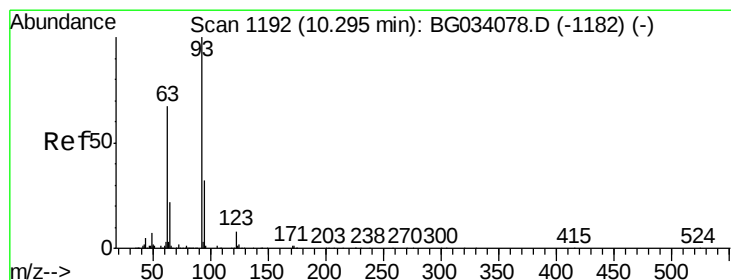
Tot Ion	Ratio	Lower	Upper
122	100		
107	135.9	100.2	150.2
121	58.8	44.4	66.6

Manual Integrations
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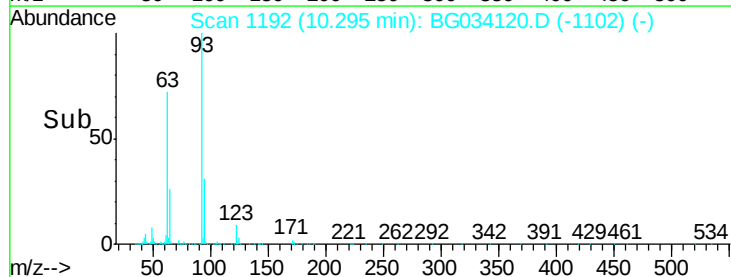
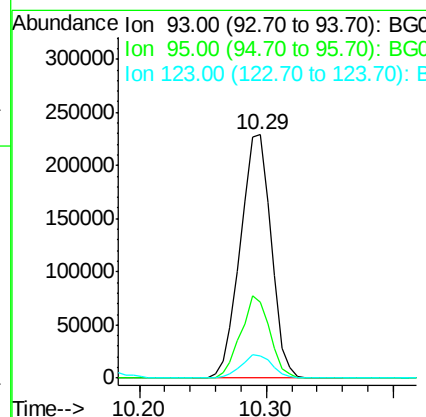
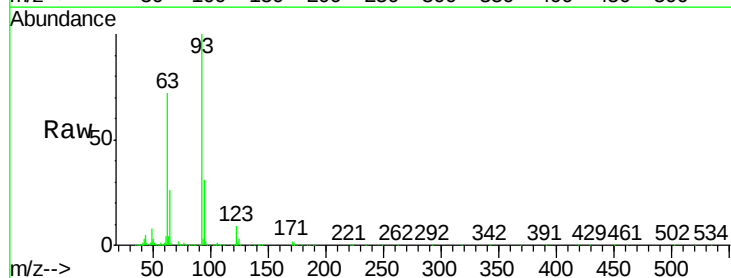
Sohil

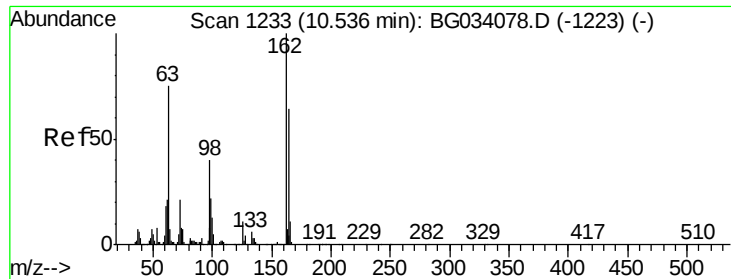
5/3/2018 4:59:31 PM



#28
bis(2-Chloroethoxy)methane
Concen: 46.333 ng
RT: 10.29 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.1	24.3	36.5
123	9.3	8.4	12.6



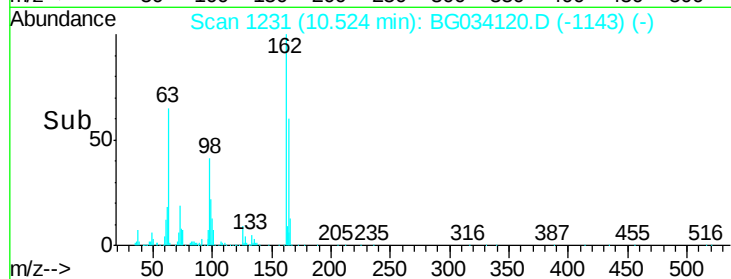
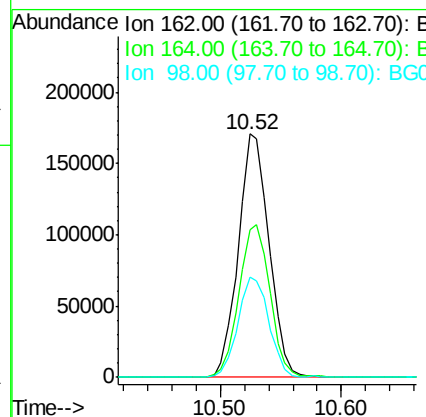
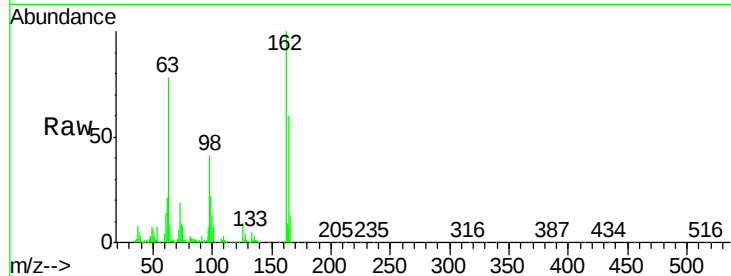


#29
 2,4-Dichlorophenol
 Concen: 51.811 ng
 RT: 10.52 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BG034120.D
 Acq: 2 May 2018 17:34

Instrument :
 BNA_G
 ClientSampleId :
 PB108725BS

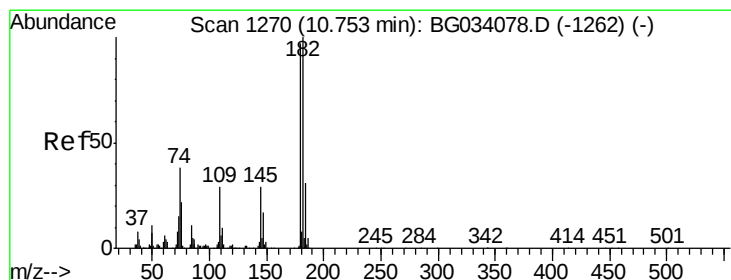
Tot Ion	Ratio	Resp	Lower	Upper
162	100	302645		
164	60.4	48.0	88.0	
98	41.4	21.1	61.1	

Manual Integrations
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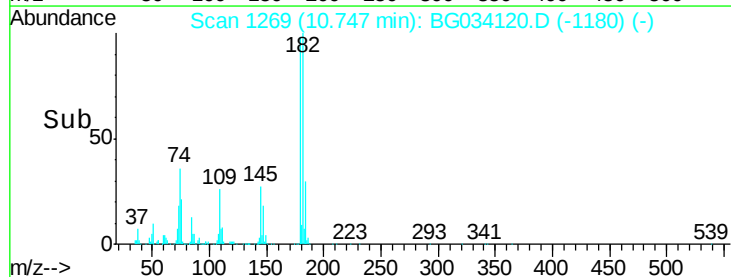
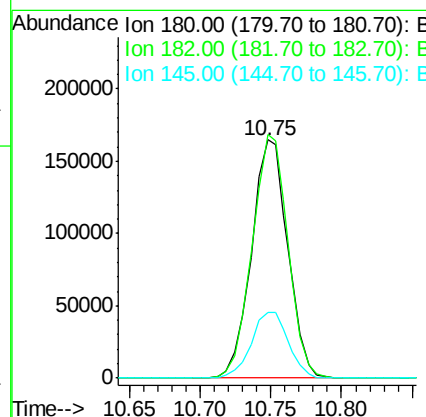
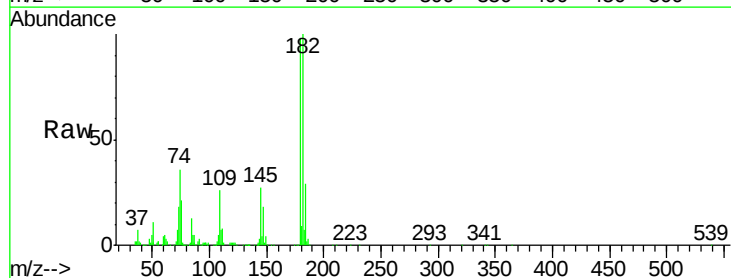
Sohil

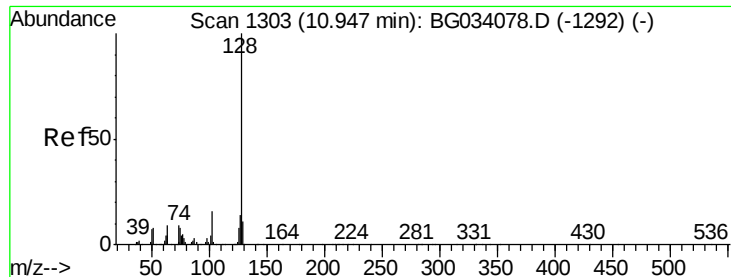
5/3/2018 4:59:31 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 42.085 ng
 RT: 10.75 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BG034120.D
 Acq: 2 May 2018 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	296006		
182	102.3	77.5	116.3	
145	27.5	23.4	35.2	



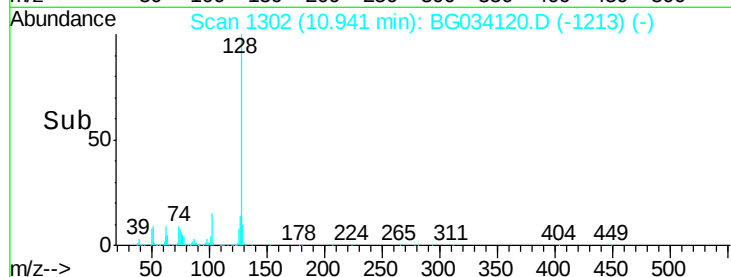
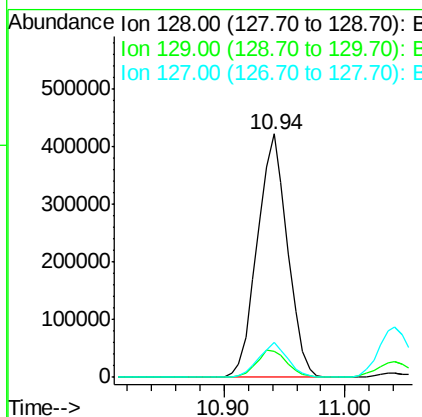
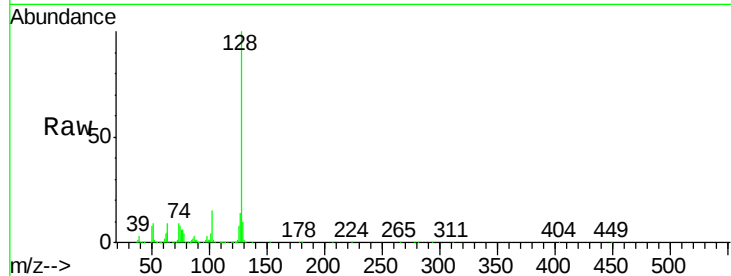


#31
Naphthalene
Concen: 43.380 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

Instrument :
BNA_G
ClientSampleId :
PB108725BS

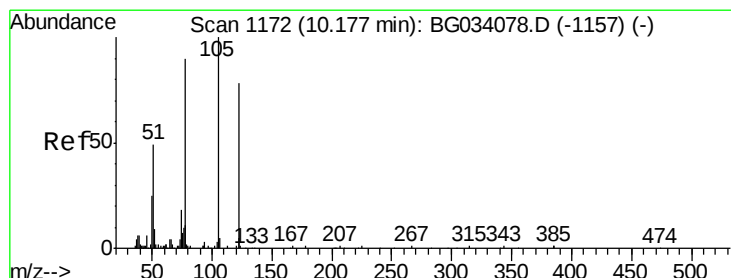
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.6	12.8
127	14.1	11.6	17.4

Manual Integrations
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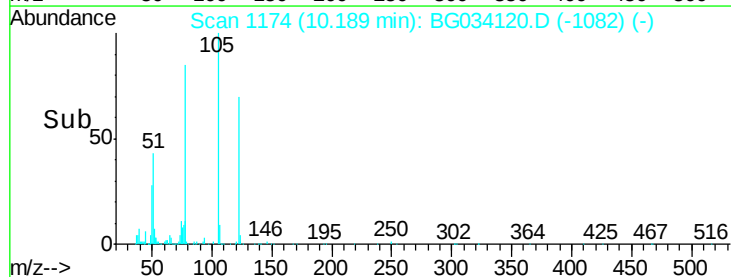
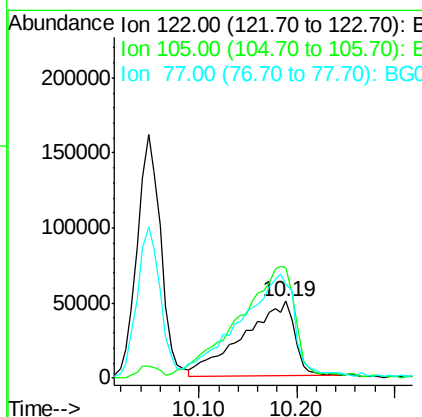
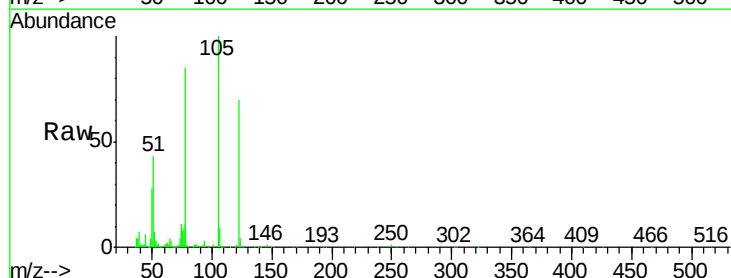
Sohil

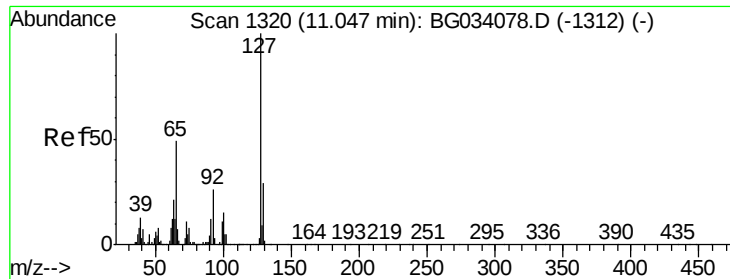
5/3/2018 4:59:31 PM



#32
Benzoic acid
Concen: 42.888 ng
RT: 10.19 min Scan# 1174
Delta R.T. 0.01 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

Tgt Ion	Ratio	Lower	Upper
122	100		
105	142.9	123.5	163.5
77	121.5	85.7	125.7



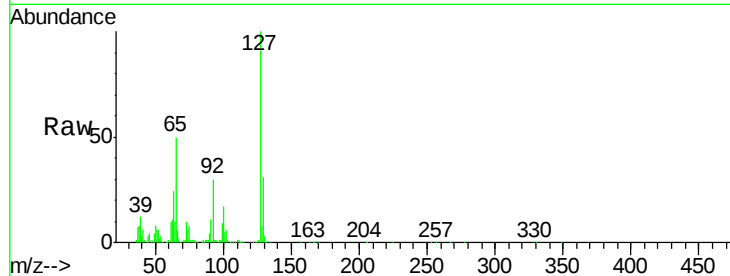


#33
4-Chloroaniline
Concen: 20.768 ng
RT: 11.04 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

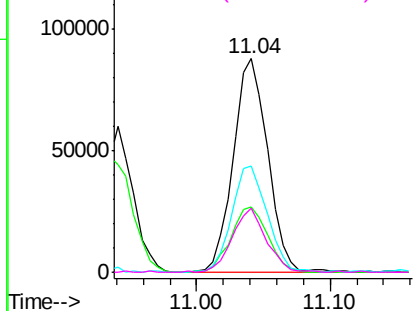
Instrument :
BNA_G
ClientSampleId :
PB108725BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.8	24.0	36.0	
65	50.0	27.0	40.4	
92	29.8	16.6	25.0	

Manual Integrations
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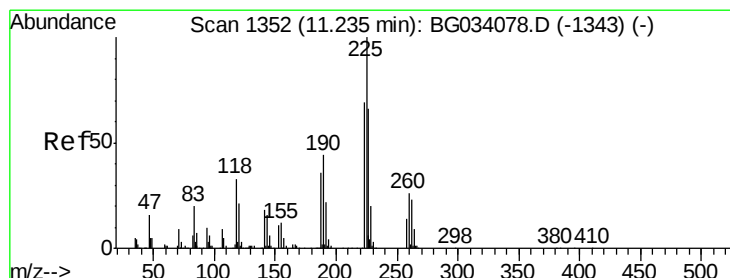
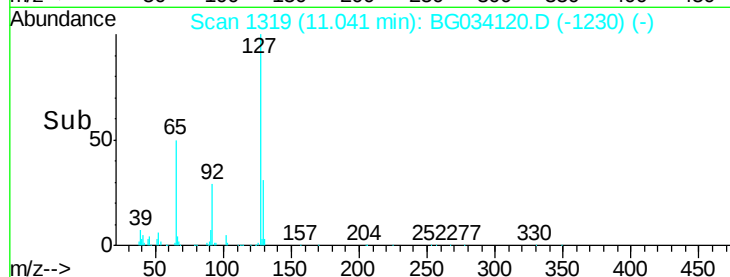


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG



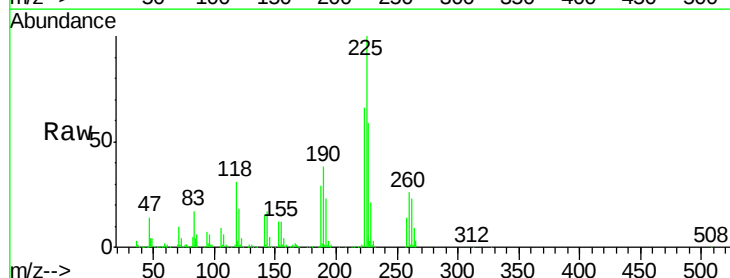
Sohil

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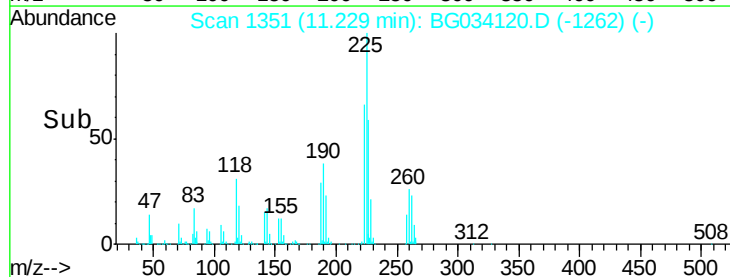
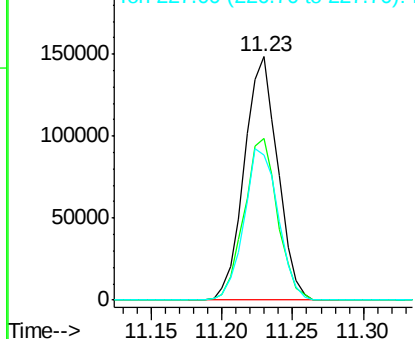


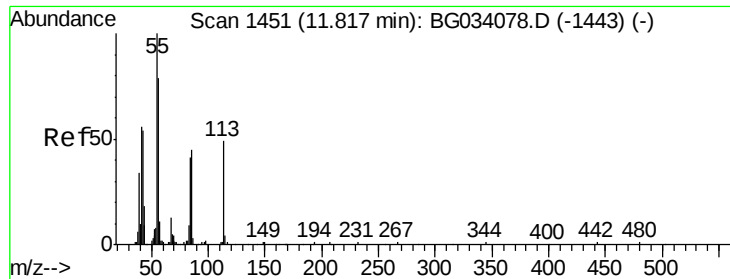
#34
Hexachlorobutadiene
Concen: 41.304 ng
RT: 11.23 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	66.3	49.7	74.5	
227	59.5	48.1	72.1	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



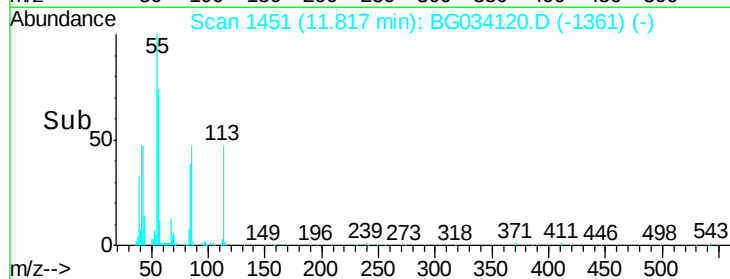
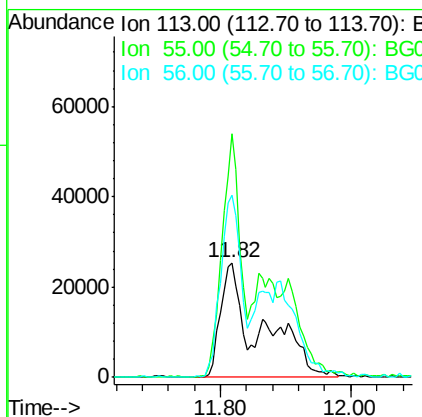
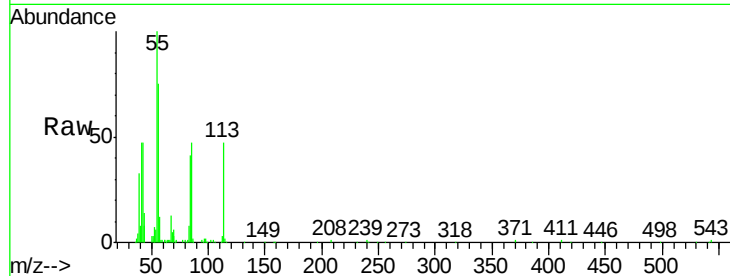


#35
 Caprolactam
 Concen: 51.585 ng/ml
 RT: 11.82 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BG034120.D
 Acq: 2 May 2018 17:34

Instrument :
 BNA_G
 ClientSampleId :
 PB108725BS

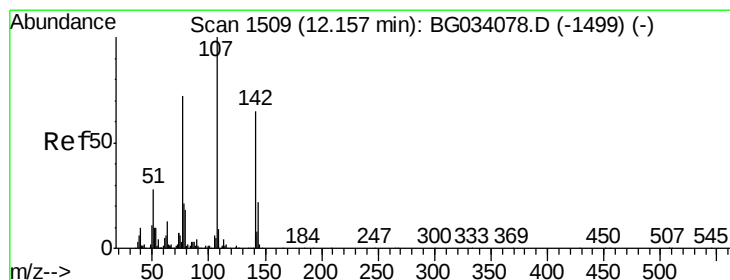
Tot Ion	Ratio	Lower	Upper
113	100		
55	212.2	186.9	226.9
56	159.1	130.9	170.9

Manual Integrations
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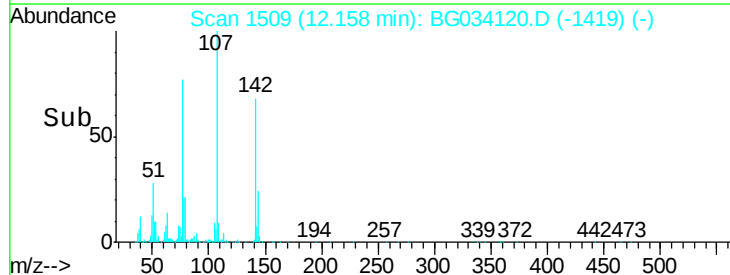
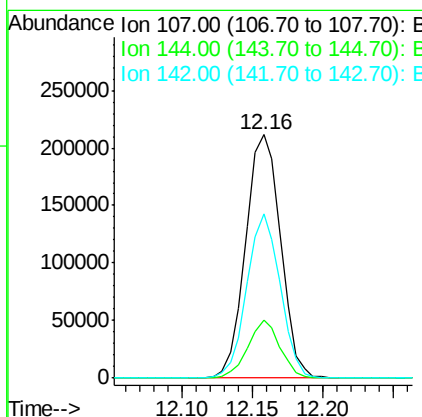
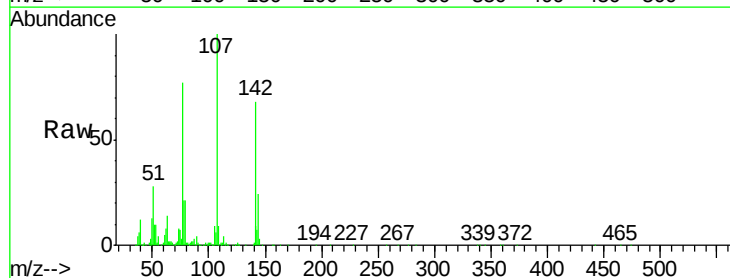
Sohil

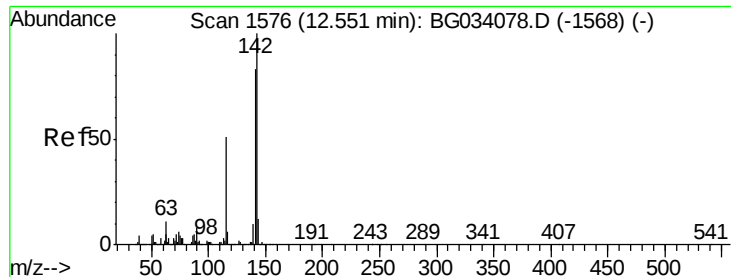
5/3/2018 4:59:31 PM



#36
 4-Chloro-3-methylphenol
 Concen: 48.685 ng/ml
 RT: 12.16 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: BG034120.D
 Acq: 2 May 2018 17:34

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.6	18.2	27.4
142	67.6	59.0	88.4





#37

2-Methylnaphthalene

Concen: 43.849 ng

RT: 12.55 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

Instrument :

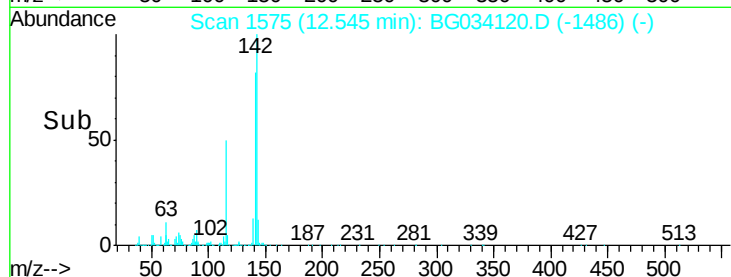
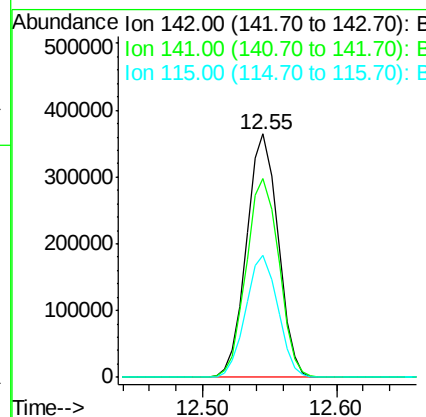
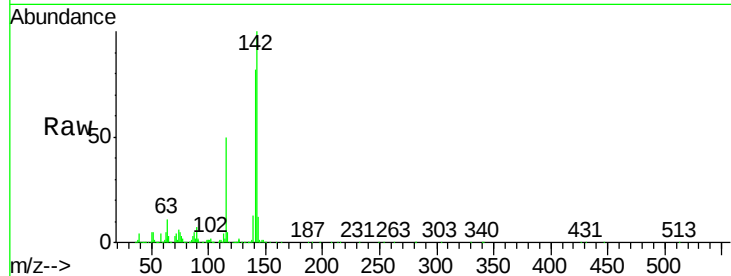
BNA_G

ClientSampleId :

PB108725BS

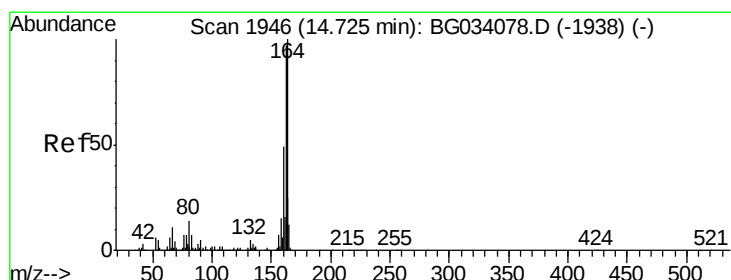
Tot Ion	Ratio	Lower	Upper
142	100		
141	81.6	67.1	100.7
115	50.2	30.7	46.1

Manual Integrations
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#38

Acenaphthene-d10

Concen: 20.000 ng

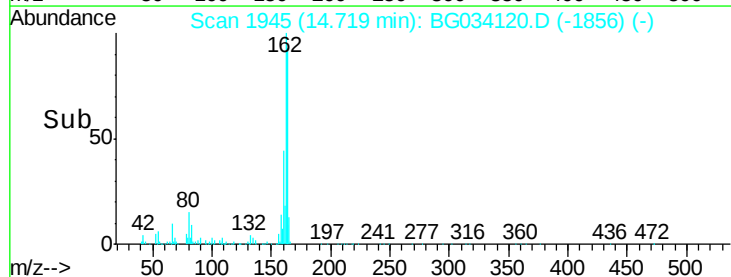
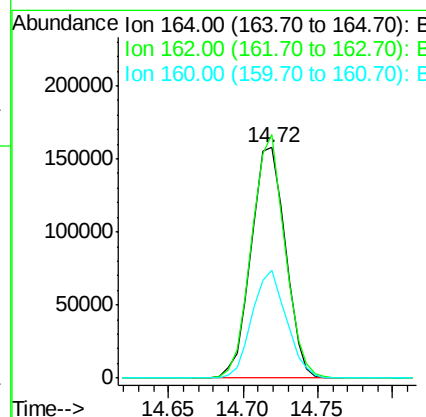
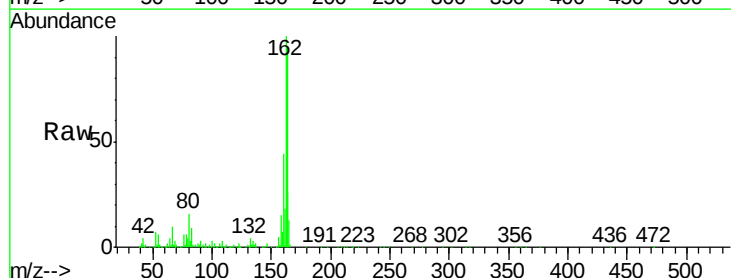
RT: 14.72 min Scan# 1945

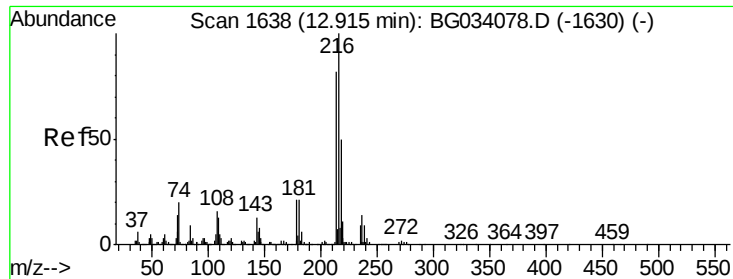
Delta R.T. -0.01 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	78.8	118.2
160	46.9	35.4	53.0



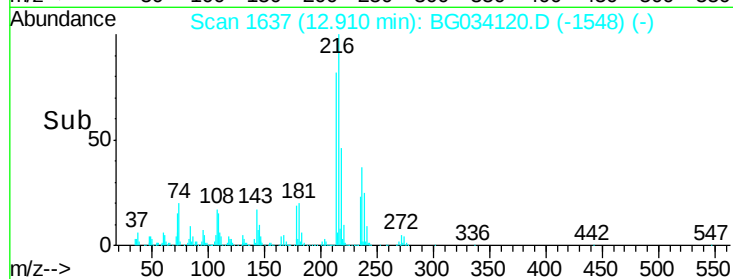
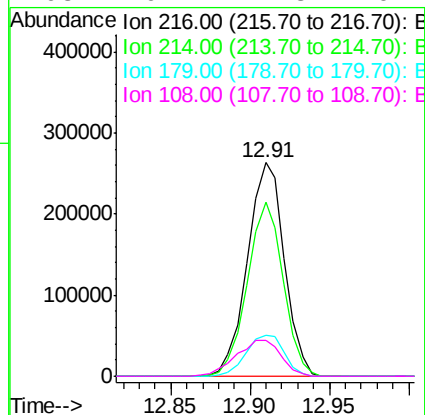
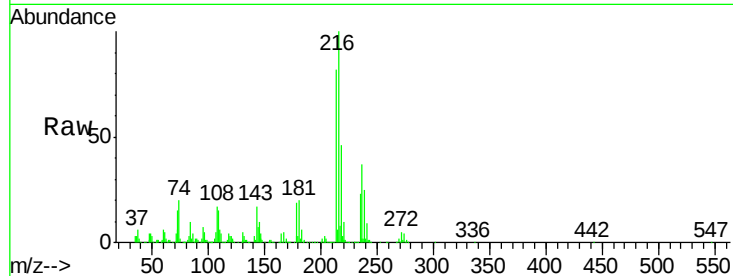


#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.655 ng
 RT: 12.91 min Scan# 1637
 Delta R.T. -0.01 min
 Lab File: BG034120.D
 Acq: 2 May 2018 17:34

Instrument :
 BNA_G
 ClientSampleId :
 PB108725BS

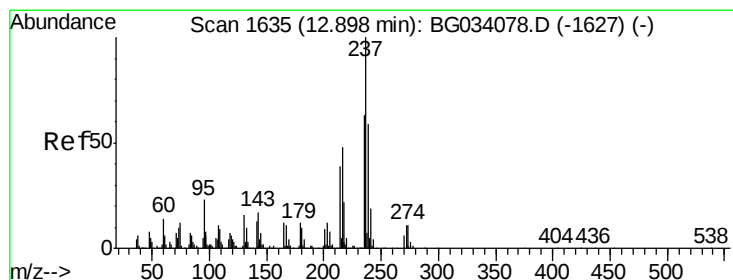
Tot Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.0	94.4
179	20.0	17.0	25.6
108	20.4	12.8	19.2

Manual Integrations
 APPROVED



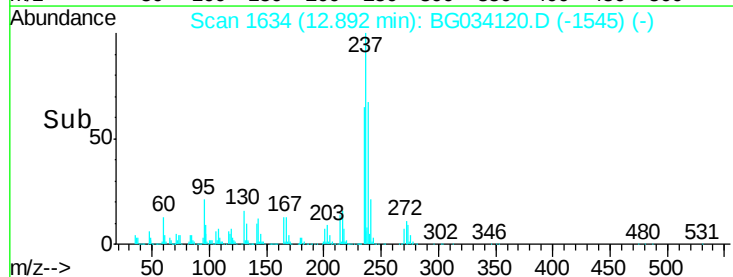
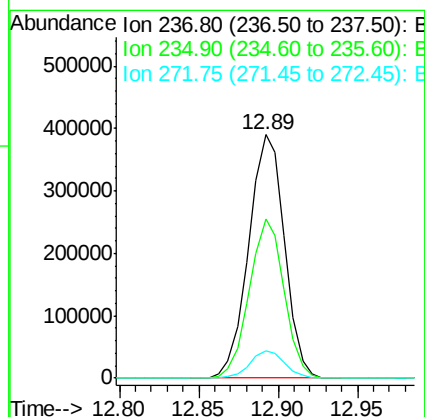
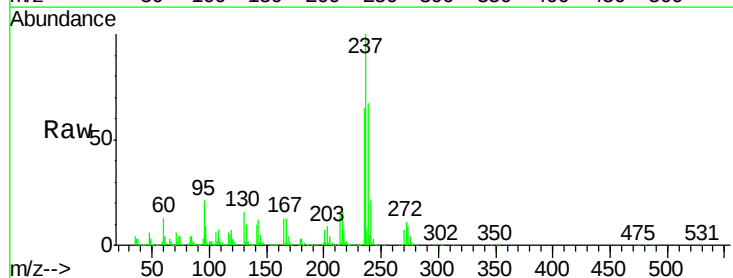
Sohil

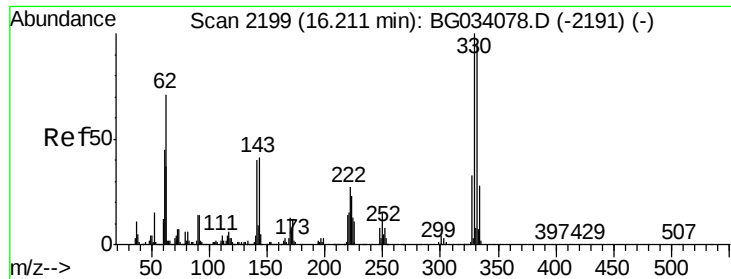
5/3/2018 4:59:31 PM



#40
 Hexachlorocyclopentadiene
 Concen: 105.963 ng
 RT: 12.89 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BG034120.D
 Acq: 2 May 2018 17:34

Tgt Ion	Ratio	Lower	Upper
237	100		
235	65.1	50.4	90.4
272	11.5	0.0	31.8





#41

2,4,6-Tribromophenol

Concen: 147.926 ng

RT: 16.21 min Scan# 2199

Delta R.T. 0.00 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

Instrument :

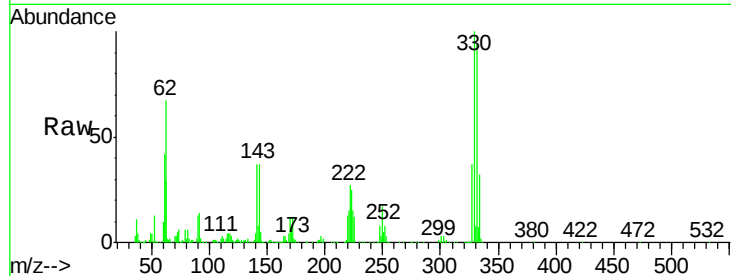
BNA_G

ClientSampleId :

PB108725BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	40.3	25.2	37.8

Manual Integrations
APPROVED

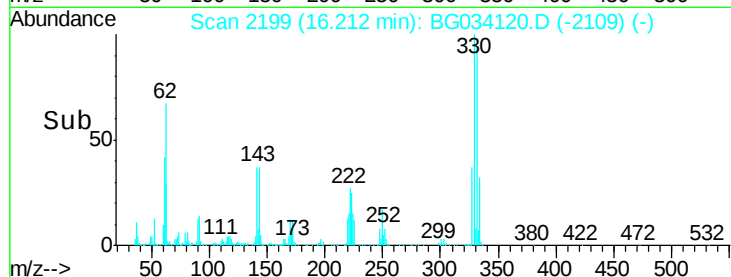
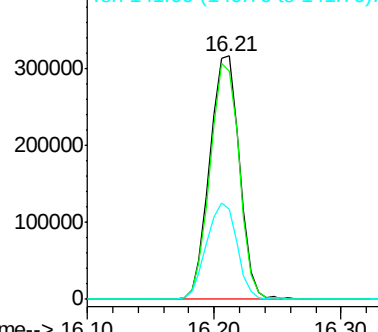


Abundance

Ion 329.80 (329.50 to 330.50): E

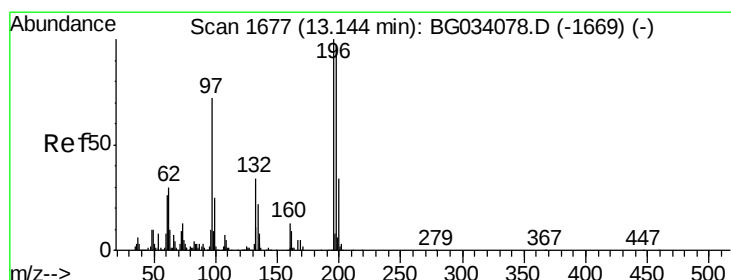
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Sohil

5/3/2018 4:59:31 PM



#42

2,4,6-Trichlorophenol

Concen: 51.129 ng

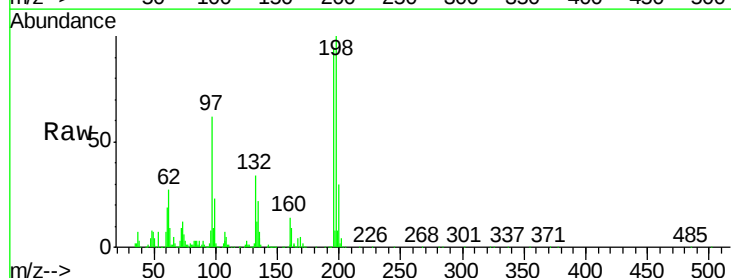
RT: 13.14 min Scan# 1677

Delta R.T. 0.00 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

Tgt Ion	Ratio	Lower	Upper
196	100		
198	106.1	78.2	117.2
200	32.1	24.6	36.8

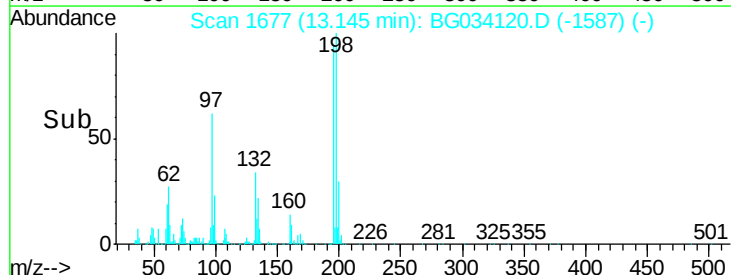
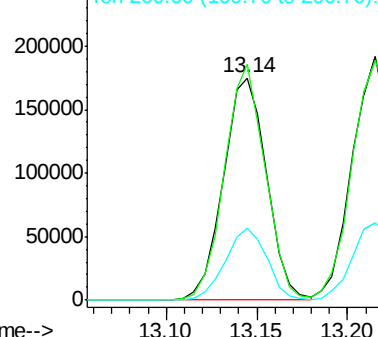


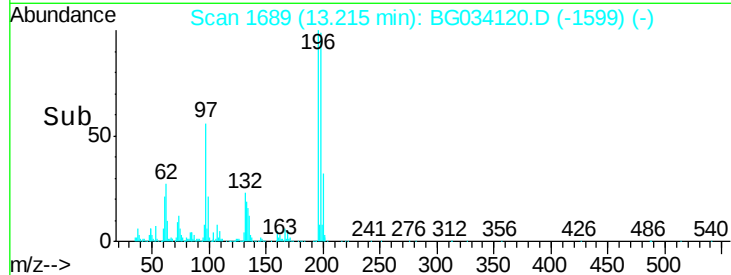
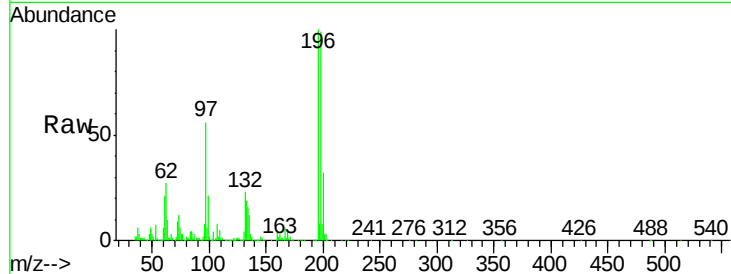
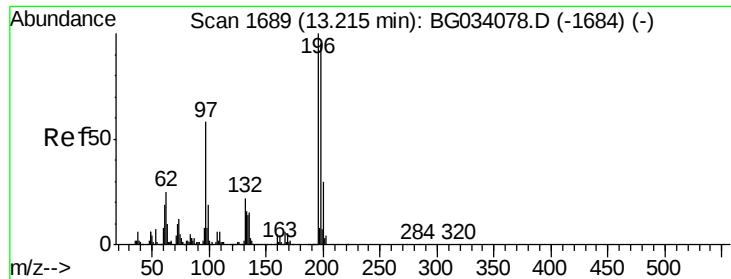
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

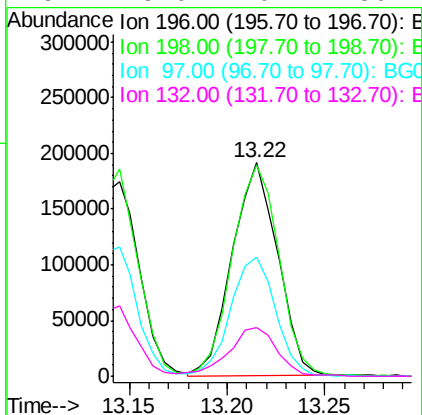
Ion 200.00 (199.70 to 200.70): E





#43
2,4,5-Trichlorophenol
Concen: 49.189 ng
RT: 13.22 min Scan# 1689
Delta R.T. 0.00 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		307654		
198	98.6	76.2	114.4		
97	55.9	38.7	58.1		
132	23.0	20.2	30.2		

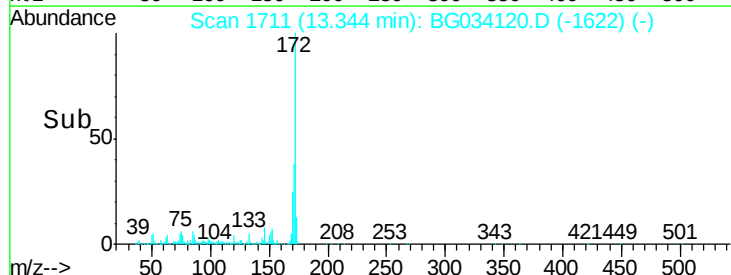
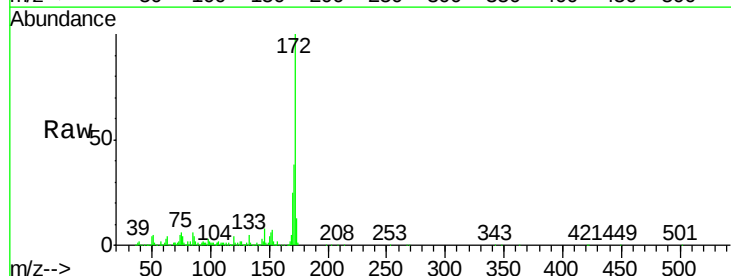
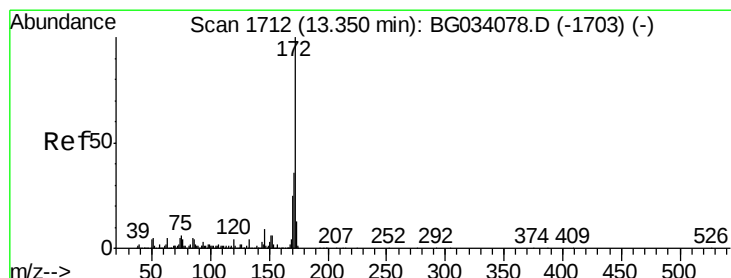


Instrument :
BNA_G
ClientSampleId :
PB108725BS

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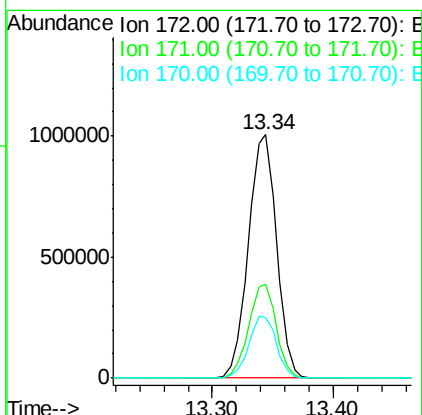
Sohil

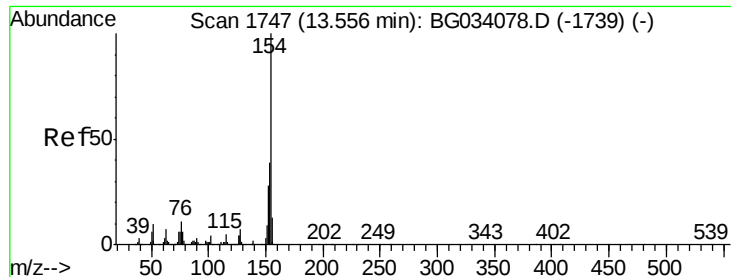
5/3/2018 4:59:31 PM



#44
2-Fluorobiphenyl
Concen: 94.517 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1632262		
171	38.5	30.0	45.0		
170	24.9	19.5	29.3		





#45

1,1'-Biphenyl

Concen: 42.523 ng

RT: 13.55 min Scan# 1746

Delta R.T. -0.01 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

Instrument :

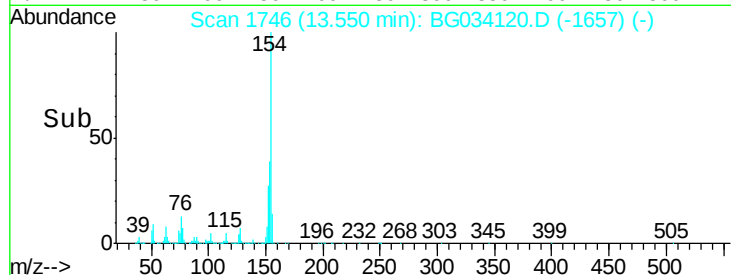
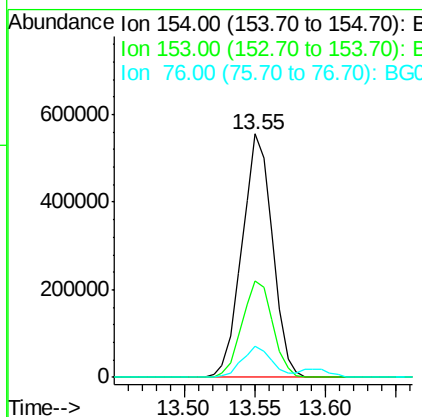
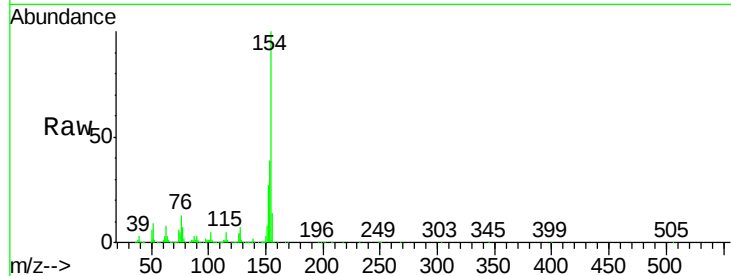
BNA_G

ClientSampleId :

PB108725BS

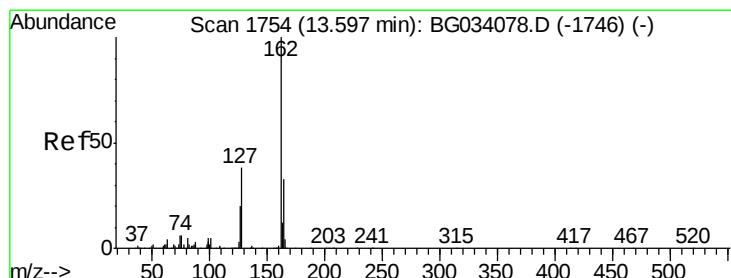
Tot Ion:	154	Resp:	835932
Ion Ratio	Lower	Upper	
154	100		
153	39.4	19.8	59.8
76	12.6	0.0	31.9

Manual Integrations
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Sohil

5/3/2018 4:59:31 PM



#46

2-Chloronaphthalene

Concen: 44.261 ng

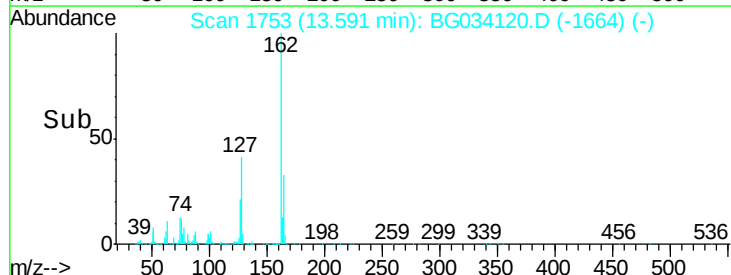
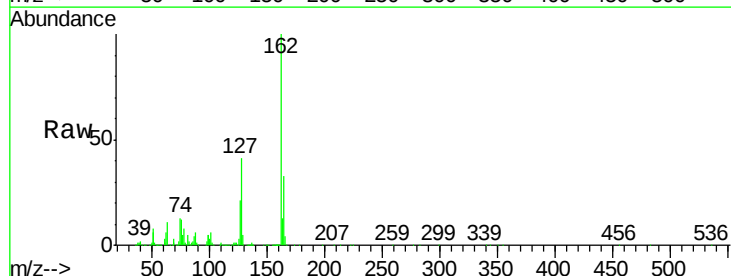
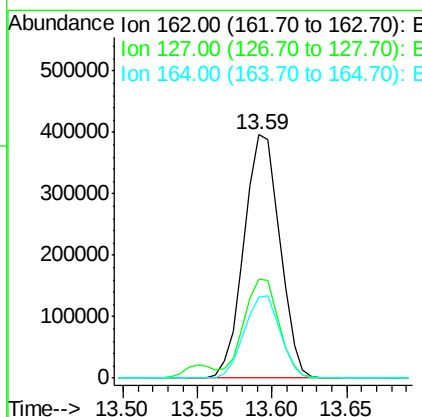
RT: 13.59 min Scan# 1753

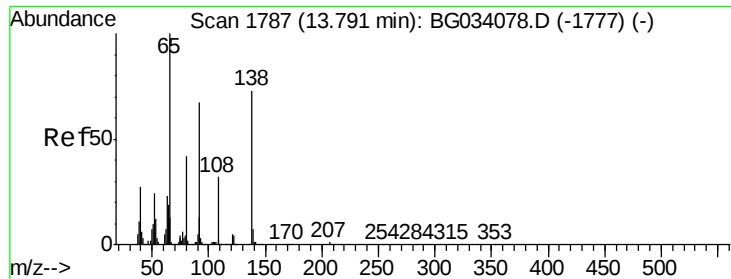
Delta R.T. -0.01 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

Tgt Ion:	162	Resp:	658736
Ion Ratio	Lower	Upper	
162	100		
127	40.7	30.7	46.1
164	33.1	26.0	39.0



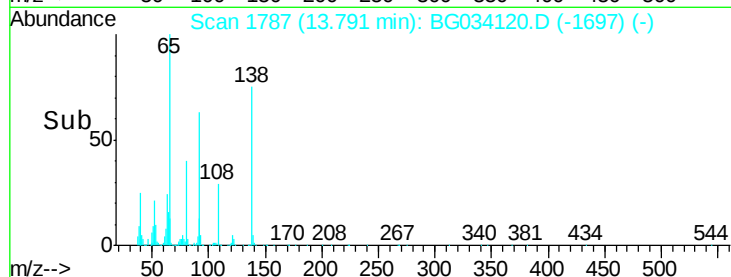
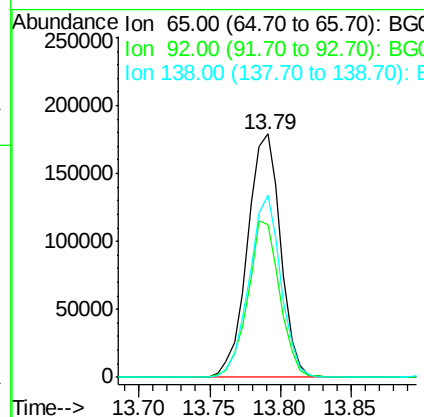
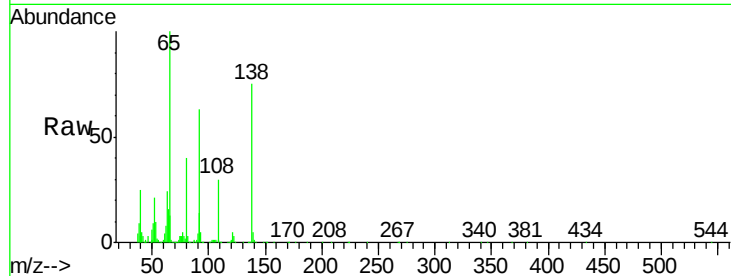


#47
2-Nitroaniline
Concen: 49.414 ng
RT: 13.79 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

Instrument :
BNA_G
ClientSampleId :
PB108725BS

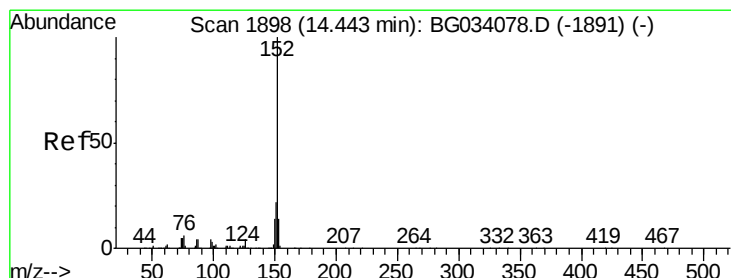
Tot Ion	Ratio	Lower	Upper
65	100		
92	62.5	54.6	82.0
138	74.8	72.9	109.3

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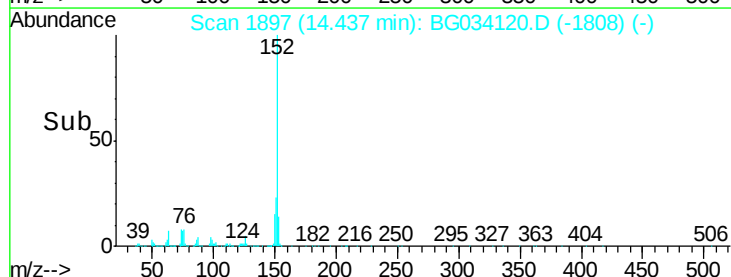
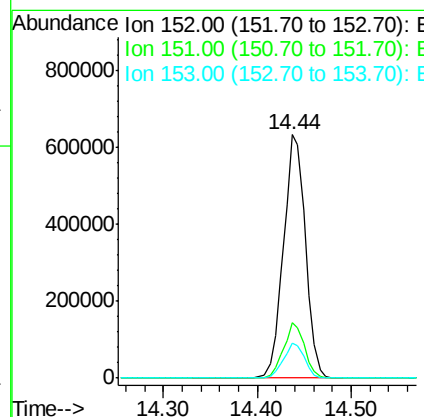
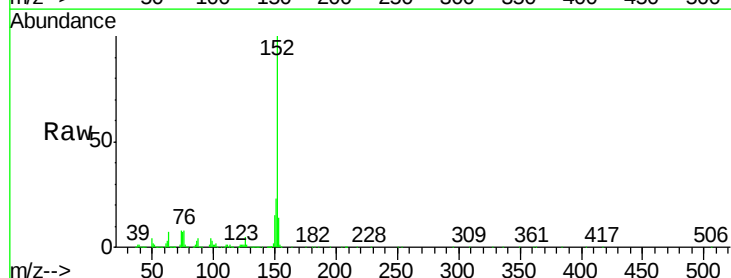
Sohil

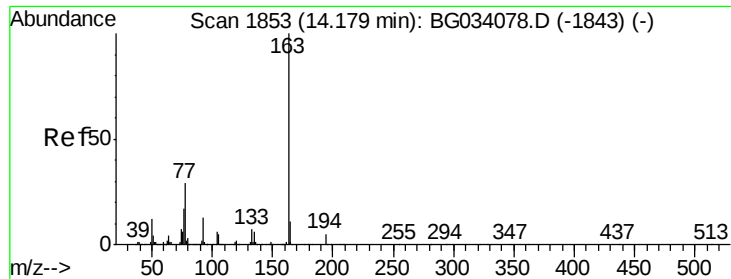
5/3/2018 4:59:31 PM



#48
Acenaphthylene
Concen: 42.888 ng
RT: 14.44 min Scan# 1897
Delta R.T. -0.01 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.8	17.2	25.8
153	14.3	10.2	15.4



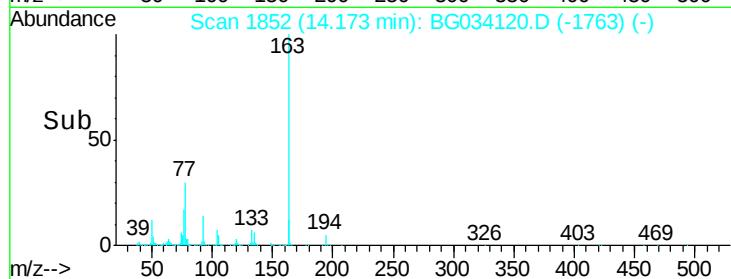
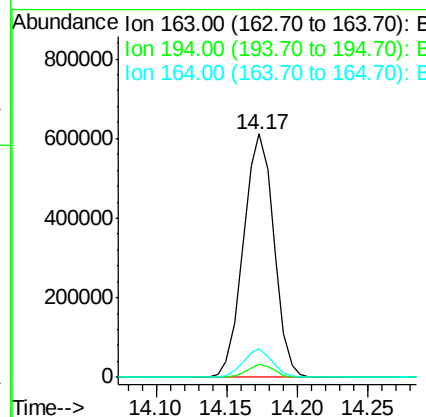
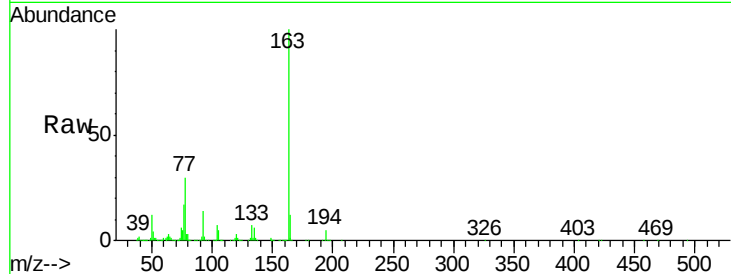


#49
Dimethylphthalate
Concen: 42.299 ng
RT: 14.17 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

Instrument :
BNA_G
ClientSampleId :
PB108725BS

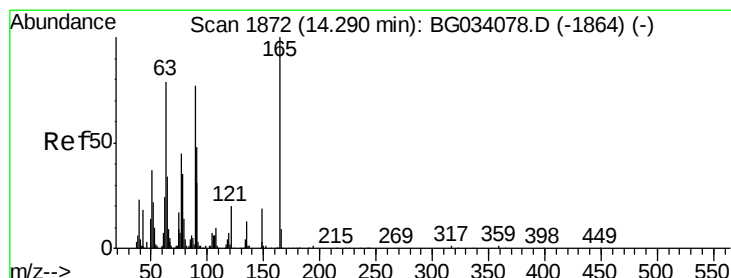
Tot Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.4	5.2#
164	11.9	8.2	12.4

Manual Integrations
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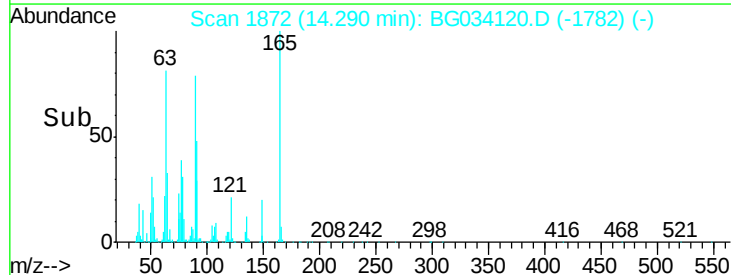
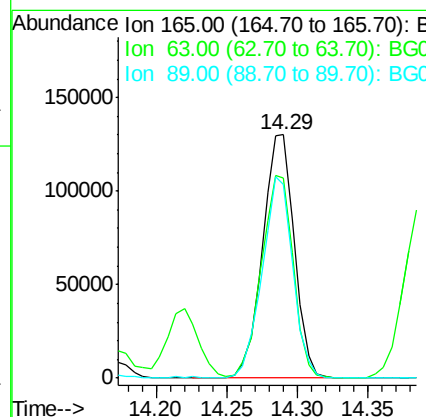
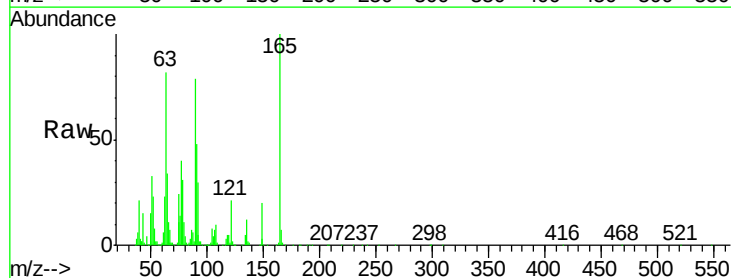
Sohil

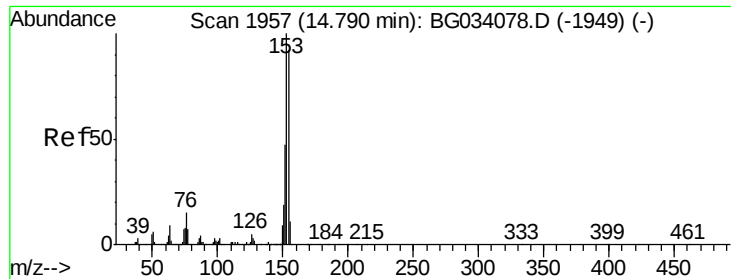
5/3/2018 4:59:31 PM



#50
2,6-Dinitrotoluene
Concen: 49.079 ng
RT: 14.29 min Scan# 1872
Delta R.T. 0.00 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

Tgt Ion	Ratio	Lower	Upper
165	100		
63	82.2	52.7	79.1#
89	79.4	49.2	73.8#





#51

Acenaphthene

Concen: 42.020 ng

RT: 14.78 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

Instrument :

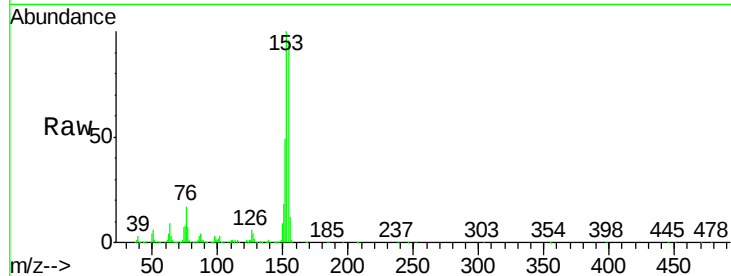
BNA_G

ClientSampleId :

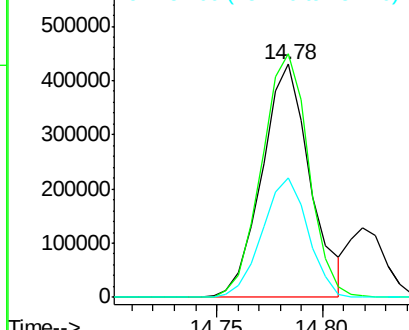
PB108725BS

Tot Ion:	154	Resp:	678609
Ion	Ratio	Lower	Upper
154	100		
153	104.5	90.4	135.6
152	51.5	41.6	62.4

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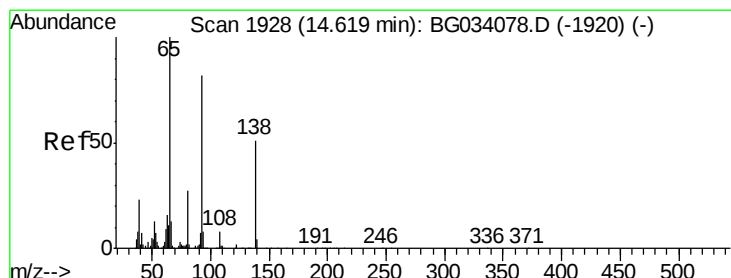
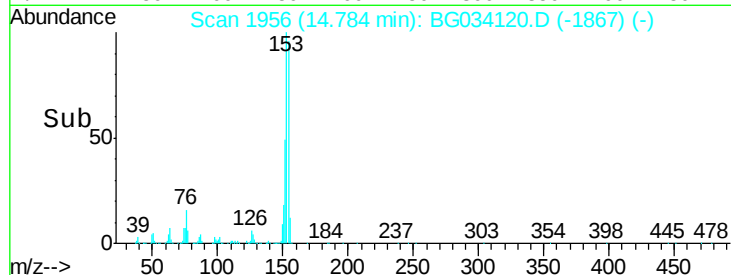


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



Sohil

5/3/2018 4:59:31 PM



#52

3-Nitroaniline

Concen: 30.396 ng

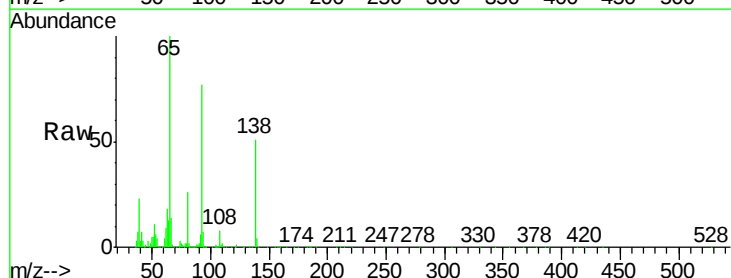
RT: 14.61 min Scan# 1927

Delta R.T. -0.01 min

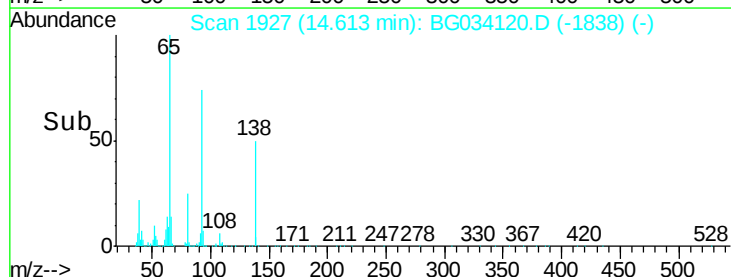
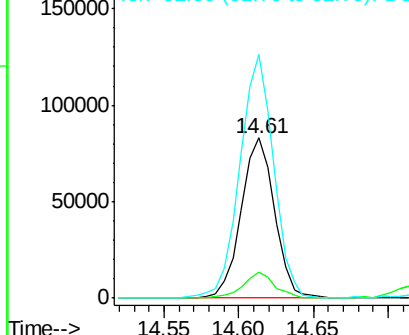
Lab File: BG034120.D

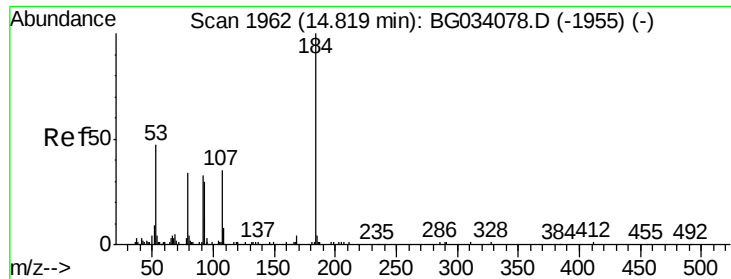
Acq: 2 May 2018 17:34

Tgt Ion:	138	Resp:	128399
Ion	Ratio	Lower	Upper
138	100		
108	16.1	17.5	26.3#
92	152.3	105.8	158.8



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



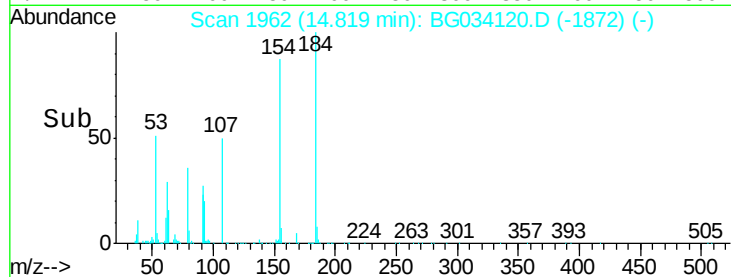
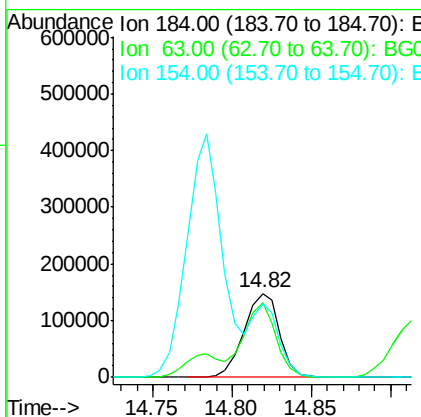
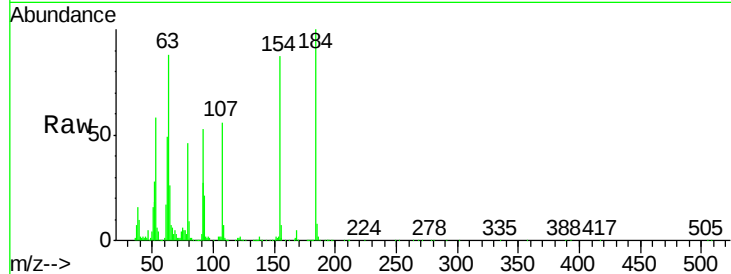


#53
2,4-Dinitrophenol
Concen: 139.760 ng
RT: 14.82 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

Instrument :
BNA_G
ClientSampleId :
PB108725BS

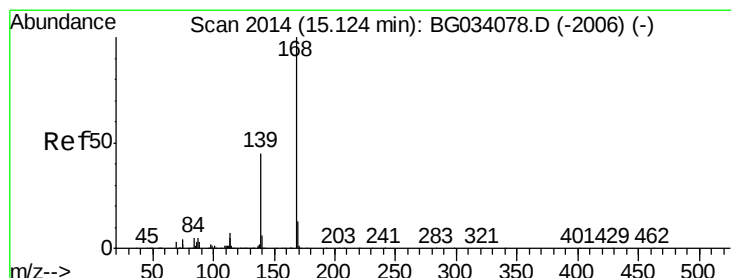
Tot Ion	Ion	Ratio	Resp	Lower	Upper
184	100		229139		
63	88.2	59.8		89.8	
154	86.9	101.8		152.8	

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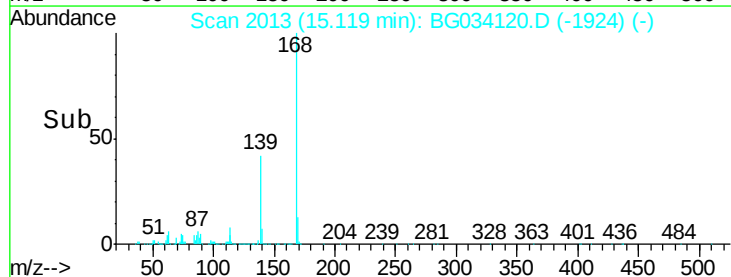
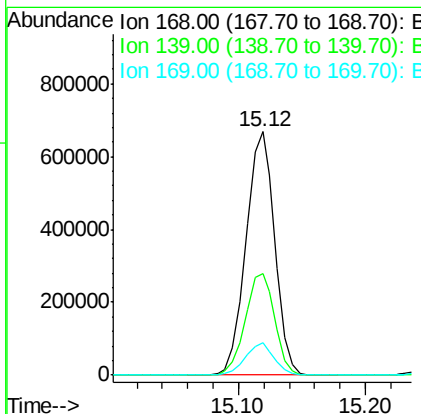
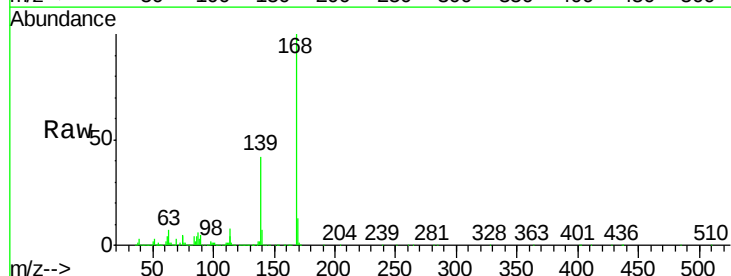
Sohil

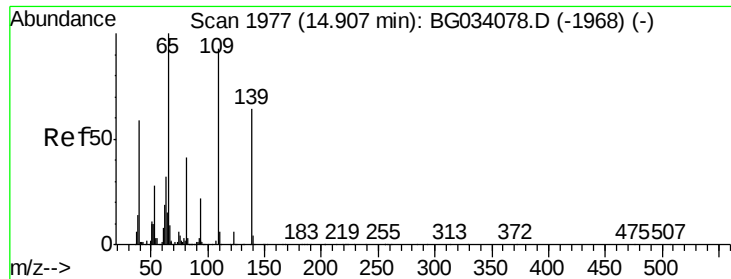
5/3/2018 4:59:31 PM



#54
Dibenzofuran
Concen: 44.771 ng
RT: 15.12 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
168	100		1048194		
139	41.9	28.6		43.0	
169	13.1	11.2		16.8	



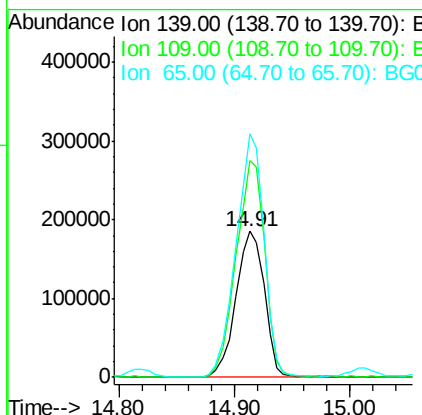
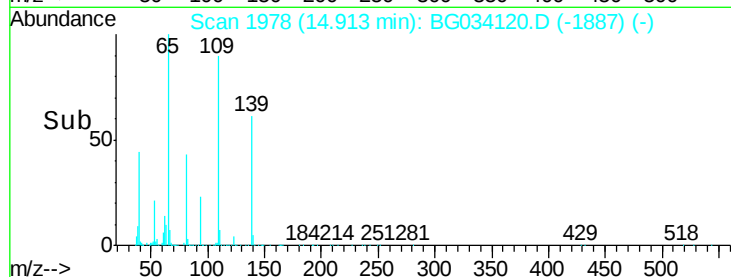
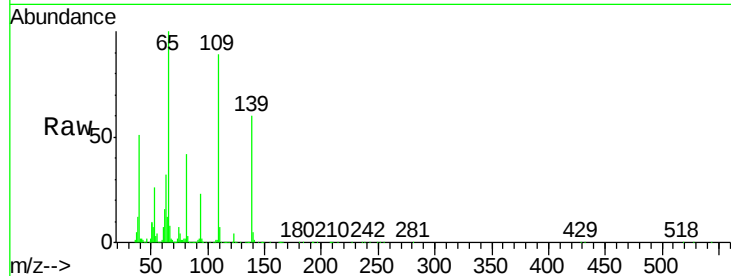


#55
4-Nitrophenol
Concen: 98.331 ng
RT: 14.91 min Scan# 1978
Delta R.T. 0.01 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

Instrument :
BNA_G
ClientSampleId :
PB108725BS

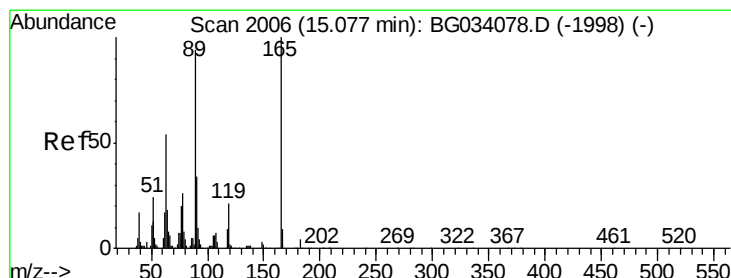
Tot Ion	Ratio	Lower	Upper
139	100		
109	148.8	62.2	102.2#
65	166.8	97.2	137.2#

Manual Integrations
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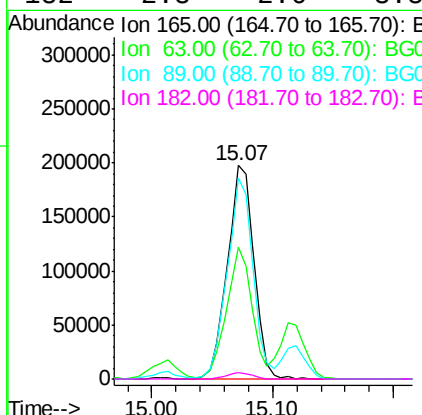
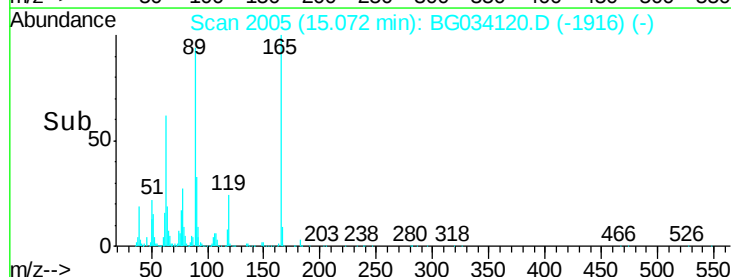
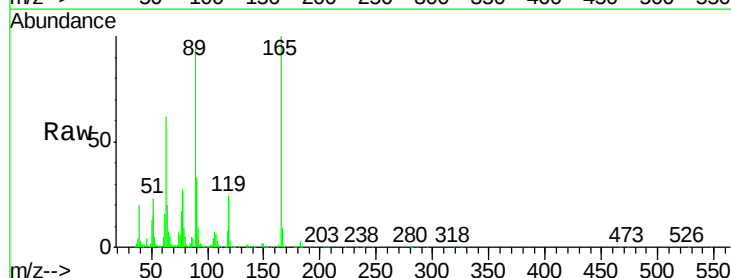
Sohil

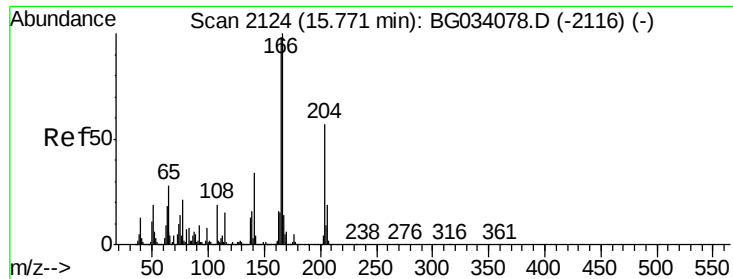
5/3/2018 4:59:31 PM



#56
2,4-Dinitrotoluene
Concen: 52.950 ng
RT: 15.07 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

Tgt Ion	Ratio	Lower	Upper
165	100		
63	61.8	42.0	63.0
89	94.3	66.9	100.3
182	2.8	2.6	3.8



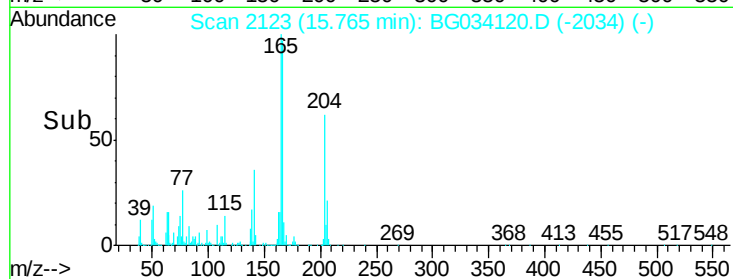
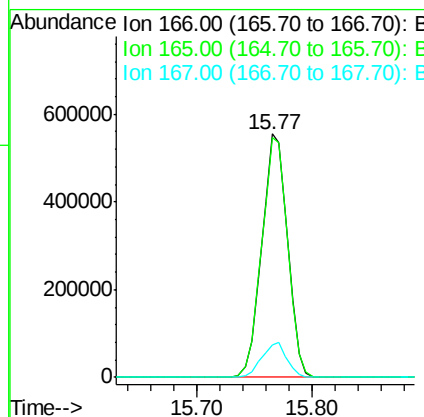
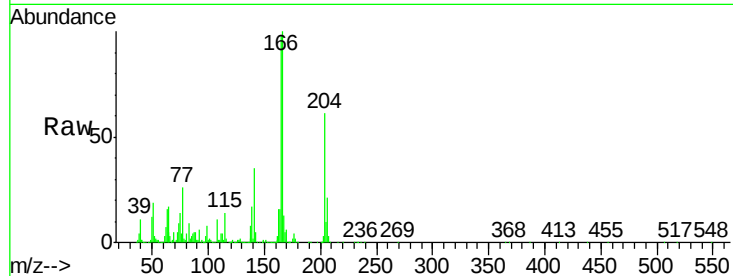


#57
Fluorene
 Concen: 42.291 ng
 RT: 15.77 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BG034120.D
 Acq: 2 May 2018 17:34

Instrument :
 BNA_G
 ClientSampleId :
 PB108725BS

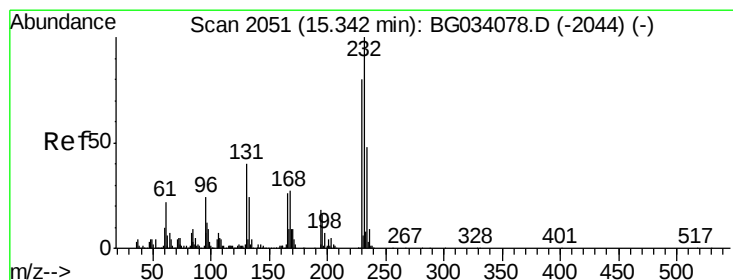
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.3	80.6	121.0
167	13.1	10.4	15.6

Manual Integrations
 APPROVED



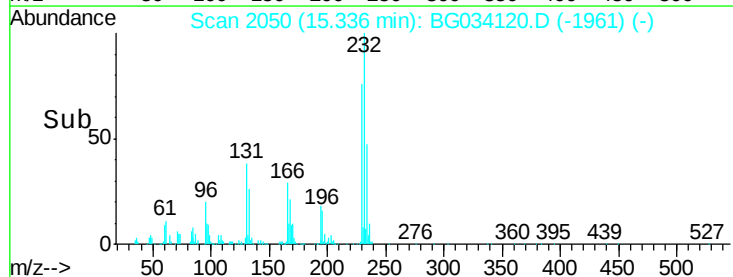
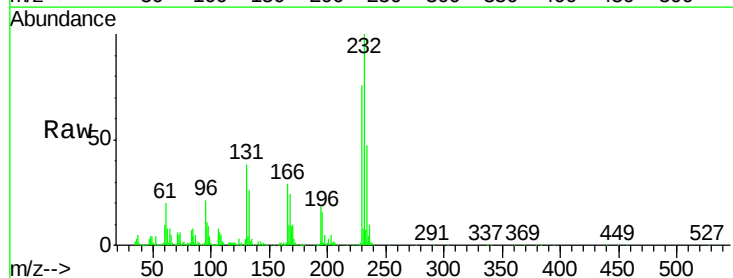
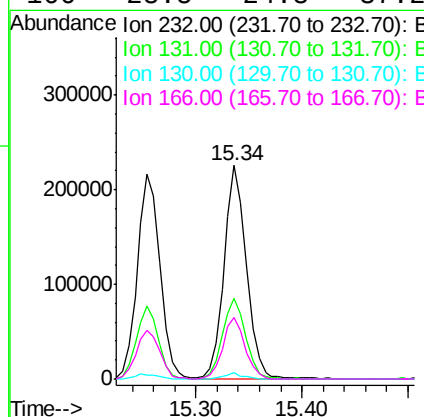
Sohil

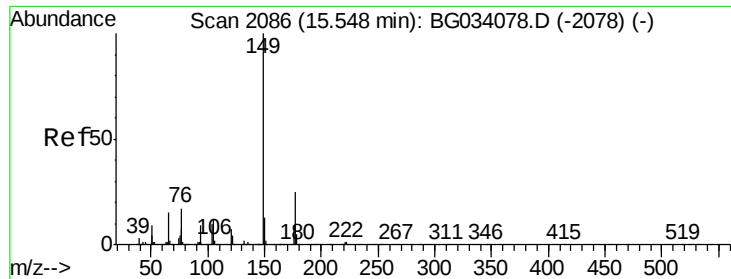
5/3/2018 4:59:31 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 50.966 ng
 RT: 15.34 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BG034120.D
 Acq: 2 May 2018 17:34

Tgt Ion	Ratio	Lower	Upper
232	100		
131	38.9	33.5	50.3
130	2.4	2.2	3.2
166	28.5	24.8	37.2



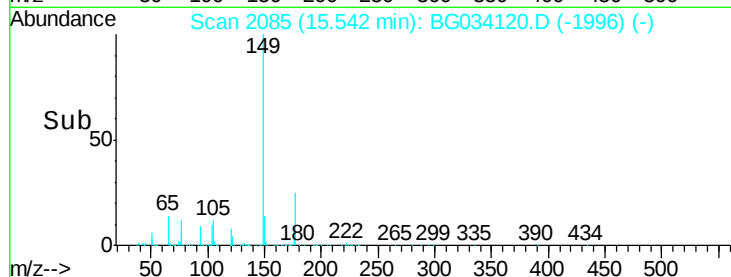
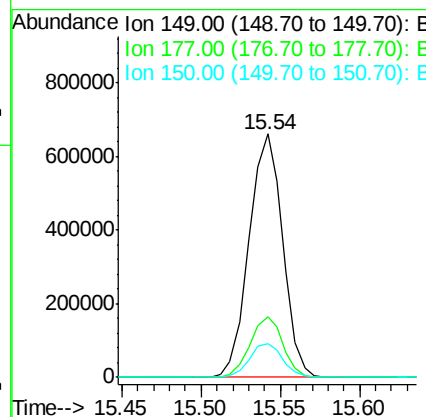
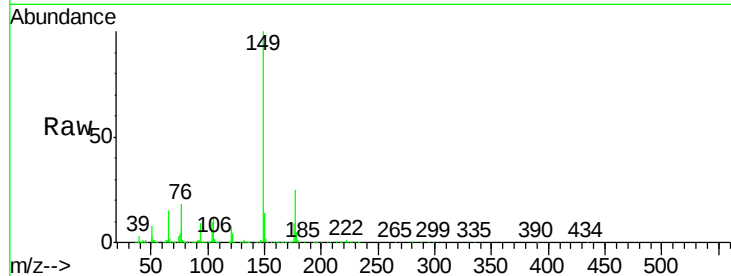


#59
Diethylphthalate
Concen: 42.154 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

Instrument :
BNA_G
ClientSampleId :
PB108725BS

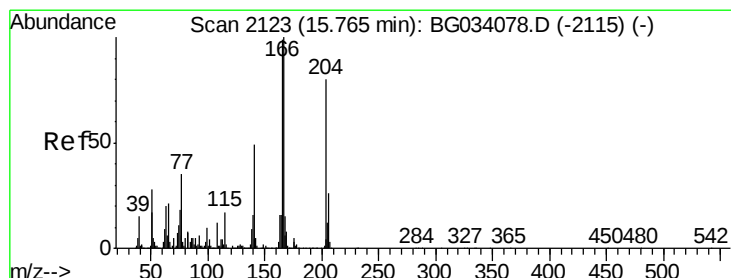
Tot Ion	Ratio	Lower	Upper
149	100		
177	24.8	18.5	27.7
150	13.9	10.2	15.2

Manual Integrations
APPROVED



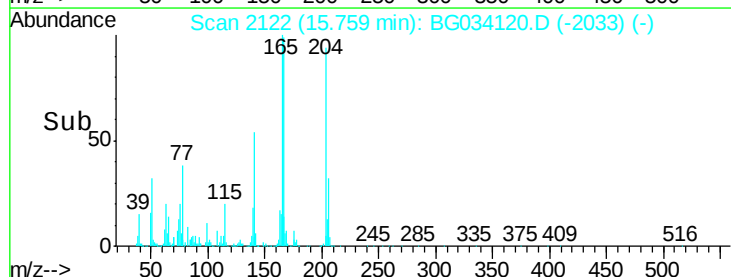
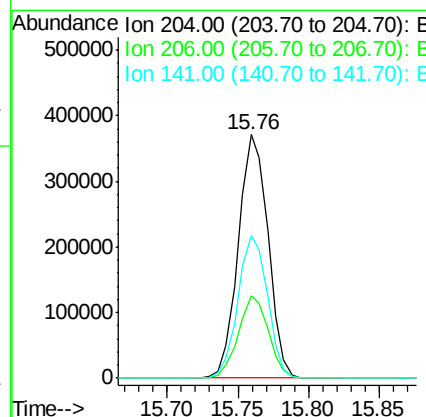
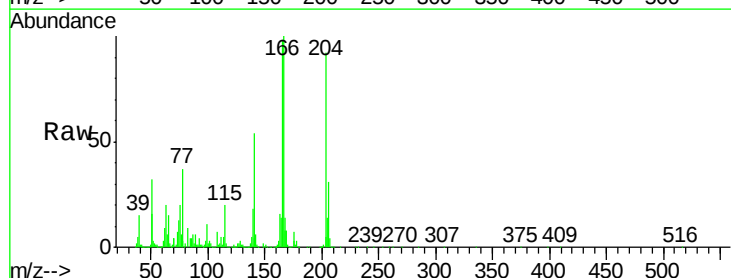
Sohil

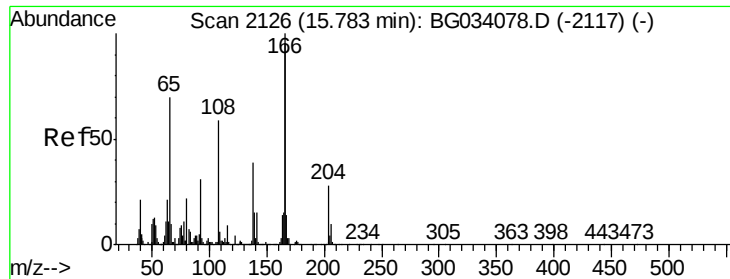
5/3/2018 4:59:31 PM



#60
4-Chlorophenyl-phenylether
Concen: 44.766 ng
RT: 15.76 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.1	26.2	39.2
141	58.3	45.8	68.6



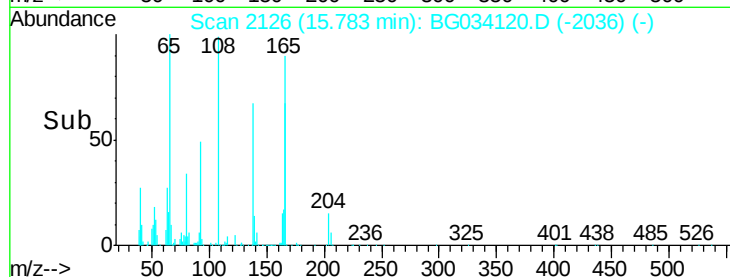
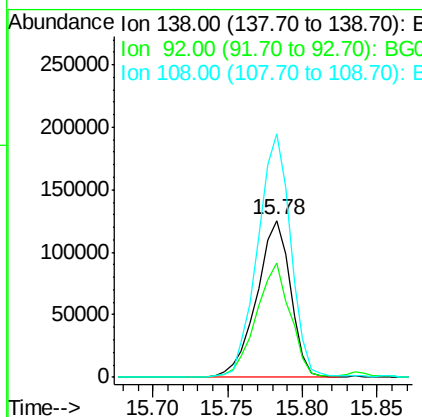
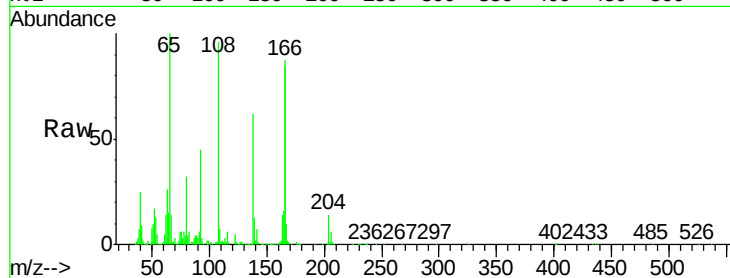


#61
4-Nitroaniline
Concen: 43.935 ng
RT: 15.78 min Scan# 2126
Delta R.T. 0.00 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

Instrument :
BNA_G
ClientSampleId :
PB108725BS

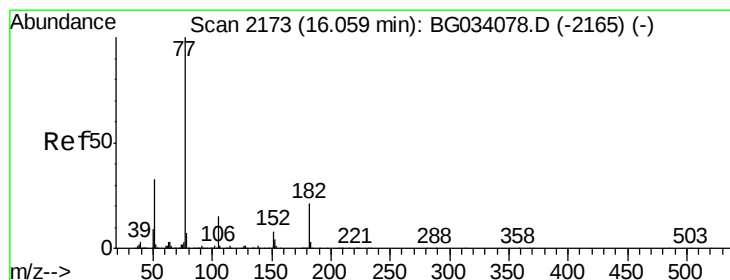
Tot Ion	Ratio	Lower	Upper
138	100		
92	73.0	40.1	80.1
108	154.9	65.4	105.4

Manual Integrations
APPROVED



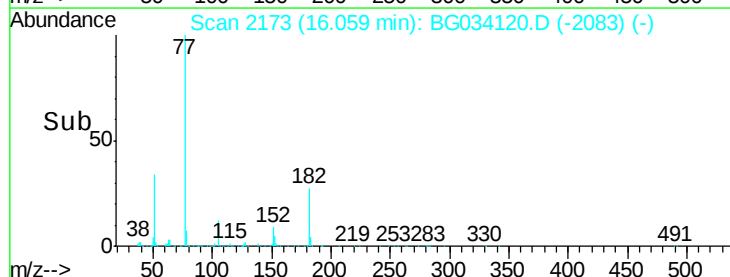
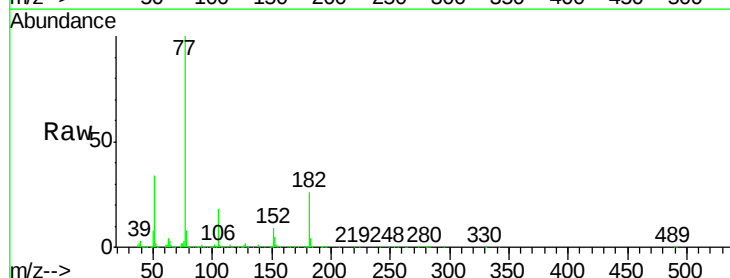
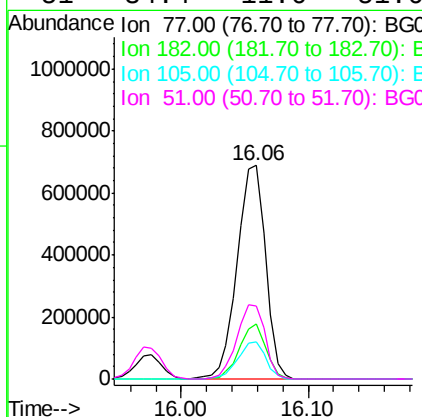
Sohil

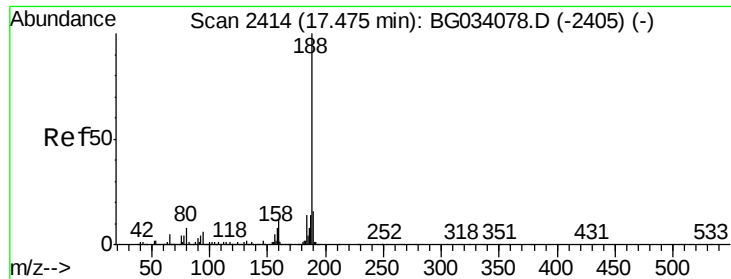
5/3/2018 4:59:31 PM



#62
Azobenzene
Concen: 42.845 ng
RT: 16.06 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.7	7.4	47.4
105	17.6	0.3	40.3
51	34.4	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

Instrument :

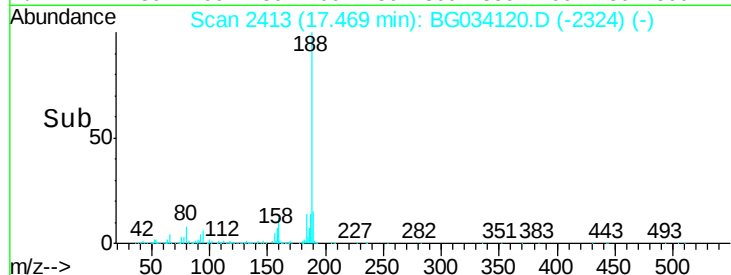
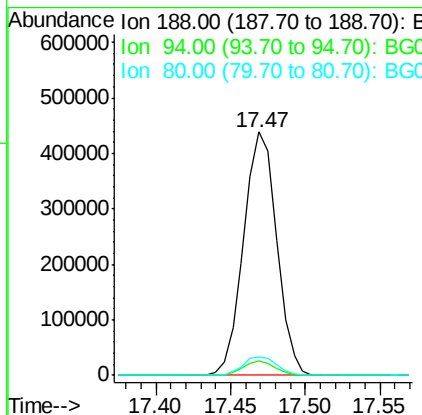
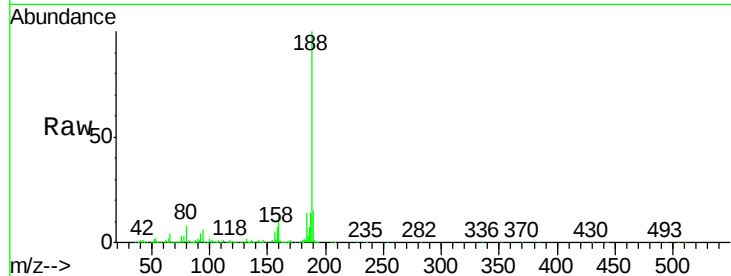
BNA_G

ClientSampleId :

PB108725BS

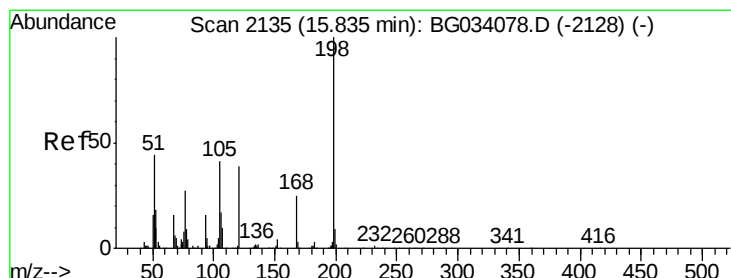
Tot Ion:	188	Resp:	671486
Ion Ratio	Lower	Upper	
188	100		
94	6.0	6.9	10.3#
80	7.6	7.7	11.5#

Manual Integrations
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Sohil

5/3/2018 4:59:31 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 49.351 ng

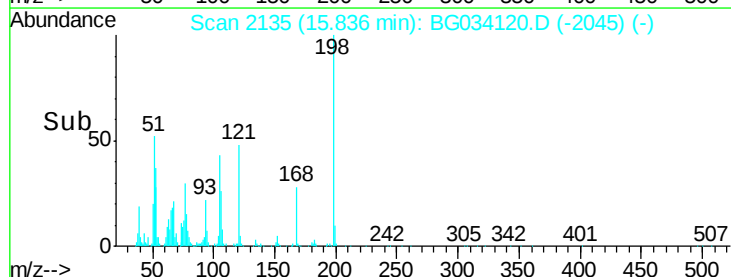
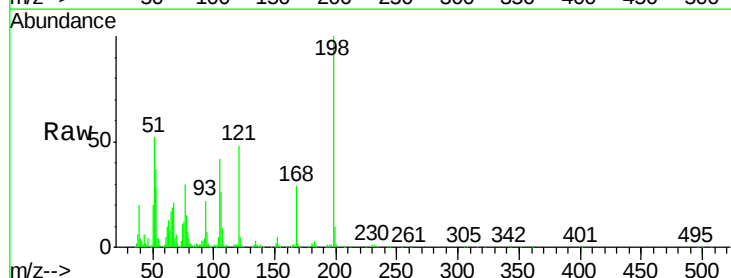
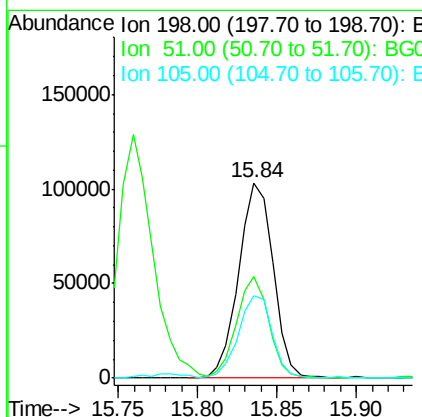
RT: 15.84 min Scan# 2135

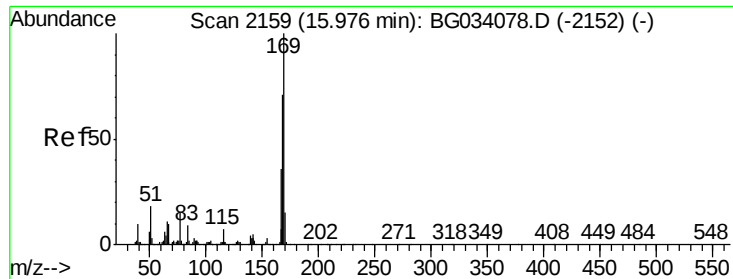
Delta R.T. 0.00 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

Tgt Ion:	198	Resp:	155812
Ion Ratio	Lower	Upper	
198	100		
51	52.2	30.6	70.6
105	42.4	23.8	63.8



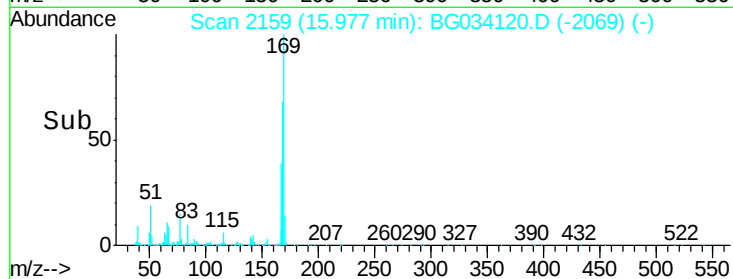
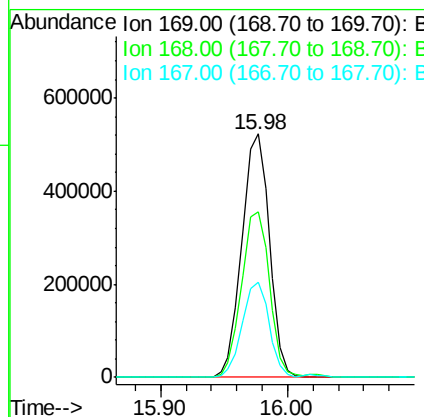
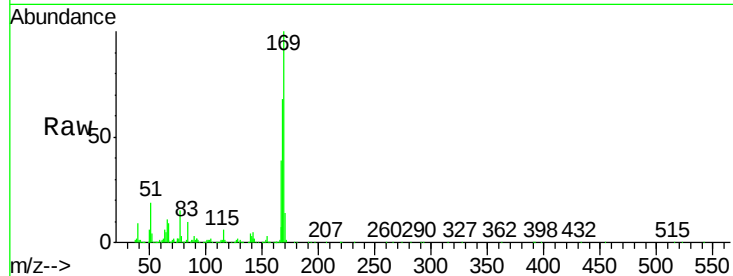


#65
n-Nitrosodiphenylamine
Concen: 43.044 ng
RT: 15.98 min Scan# 2159
Delta R.T. 0.00 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

Instrument :
BNA_G
ClientSampleId :
PB108725BS

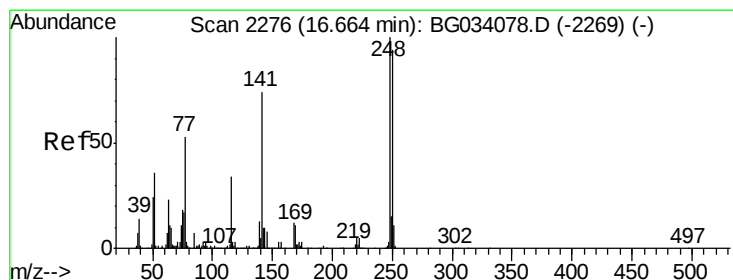
Tot Ion	Ratio	Resp	Lower	Upper
169	100	788120		
168	67.9		55.7	83.5
167	38.9		30.1	45.1

Manual Integrations
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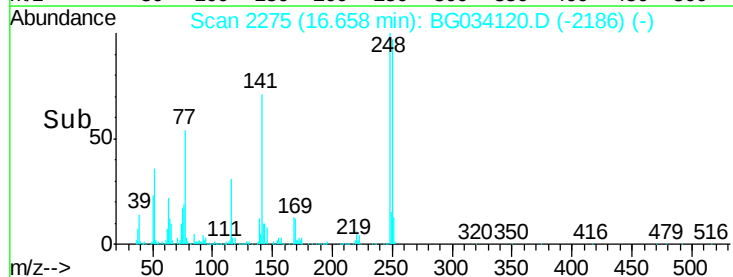
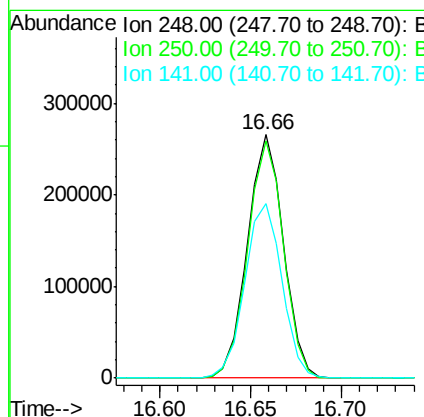
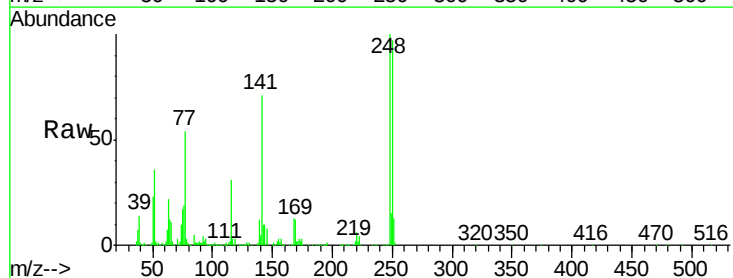
Sohil

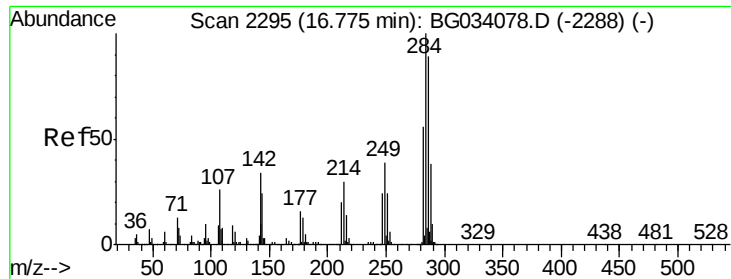
5/3/2018 4:59:31 PM



#66
4-Bromophenyl-phenylether
Concen: 43.927 ng
RT: 16.66 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	366218		
250	97.2		77.1	115.7
141	71.4		50.8	76.2



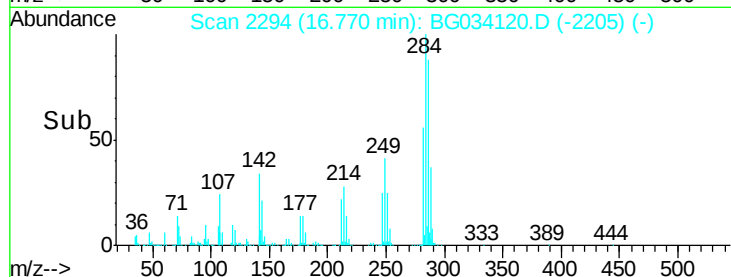
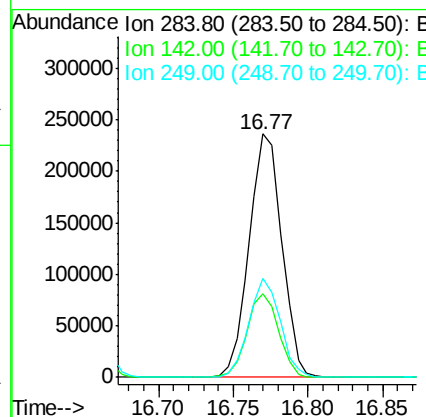
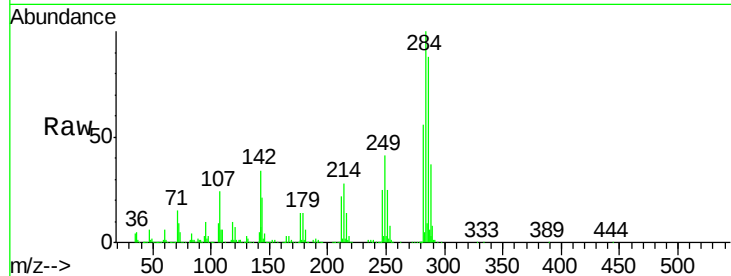


#67
Hexachlorobenzene
Concen: 42.179 ng
RT: 16.77 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

Instrument :
BNA_G
ClientSampleId :
PB108725BS

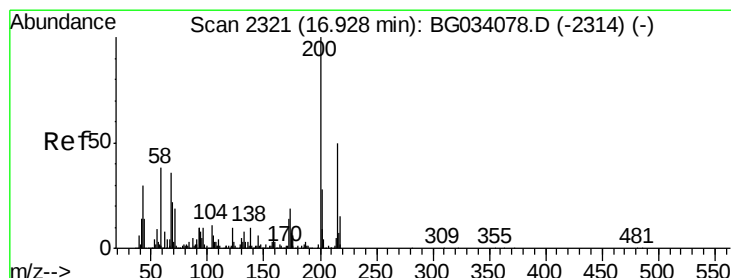
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	34.2	26.8	40.2	
249	40.7	26.3	39.5	

Manual Integrations
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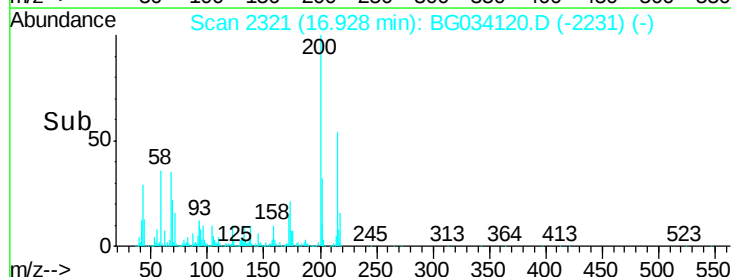
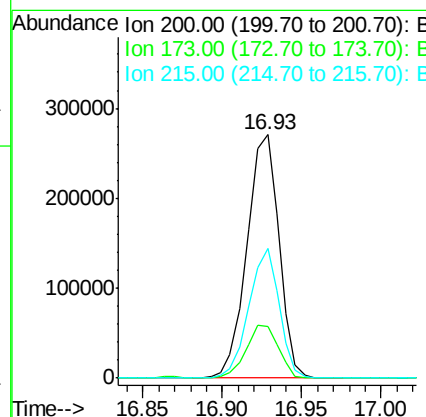
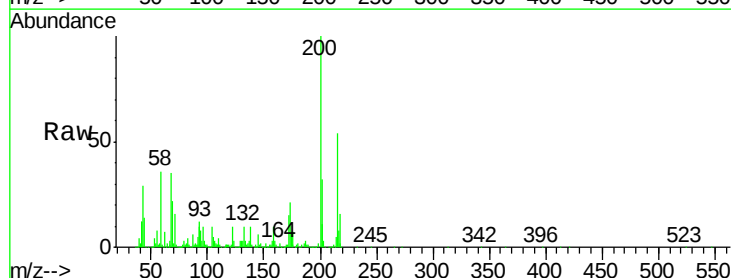
Sohil

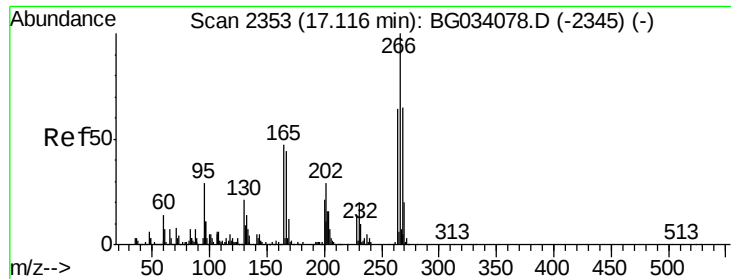
5/3/2018 4:59:31 PM



#68
Atrazine
Concen: Below Cal
RT: 16.93 min Scan# 2321
Delta R.T. 0.00 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	21.3	5.2	45.2	
215	53.5	30.4	70.4	



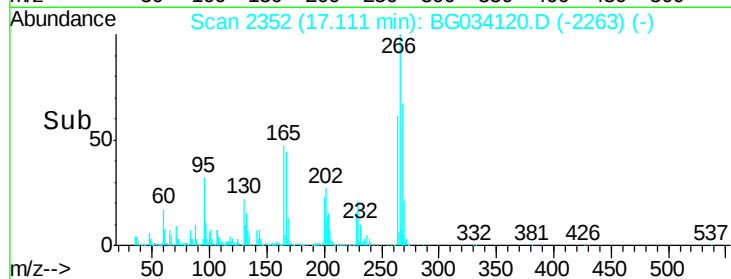
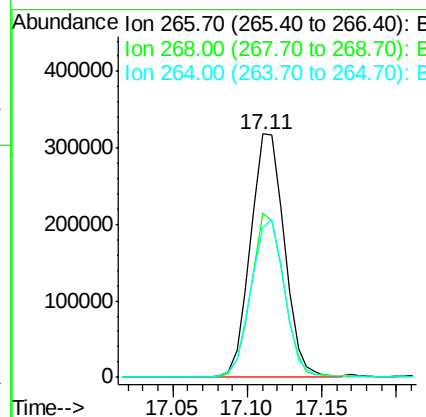
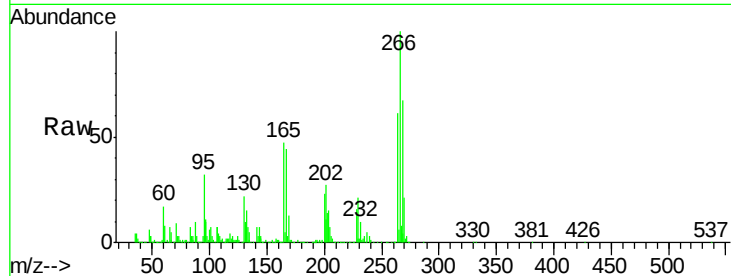


#69
 Pentachlorophenol
 Concen: 84.510 ng
 RT: 17.11 min Scan# 2352
 Delta R.T. -0.01 min
 Lab File: BG034120.D
 Acq: 2 May 2018 17:34

Instrument :
 BNA_G
 ClientSampleId :
 PB108725BS

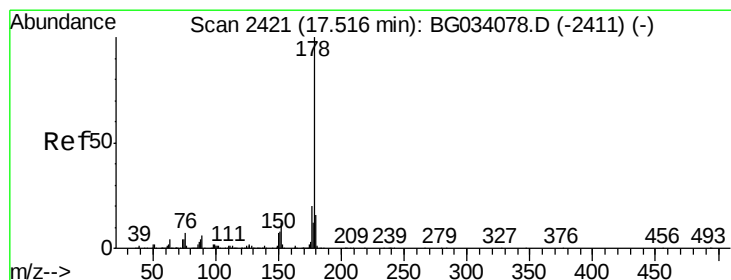
Tot Ion	Ratio	Lower	Upper
266	100		
268	67.3	51.1	76.7
264	61.4	49.6	74.4

Manual Integrations
 APPROVED



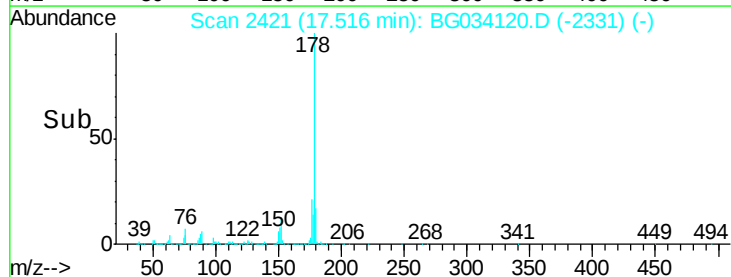
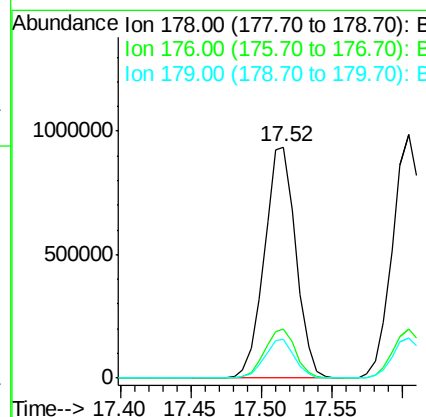
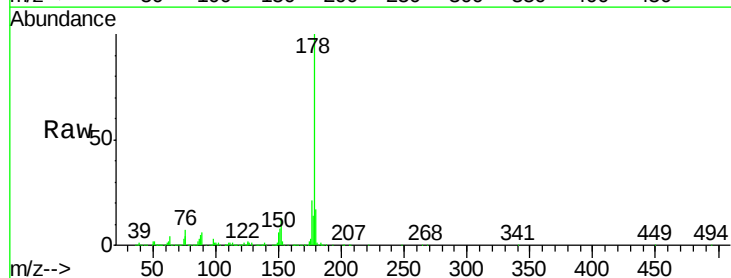
Sohil

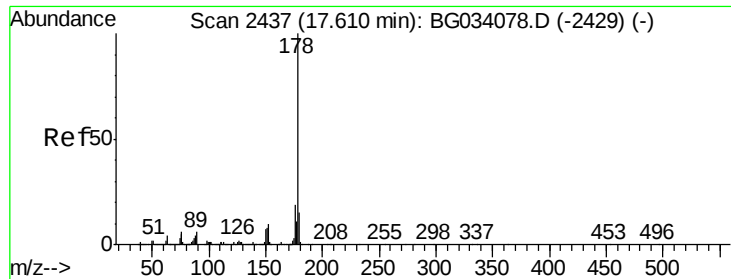
5/3/2018 4:59:31 PM



#70
 Phenanthrene
 Concen: 42.492 ng
 RT: 17.52 min Scan# 2421
 Delta R.T. 0.00 min
 Lab File: BG034120.D
 Acq: 2 May 2018 17:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.1	15.7	23.5
179	16.7	12.5	18.7



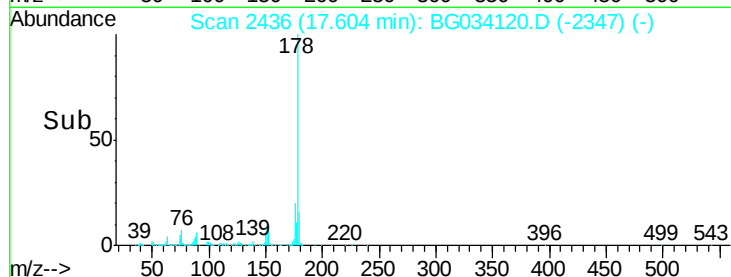
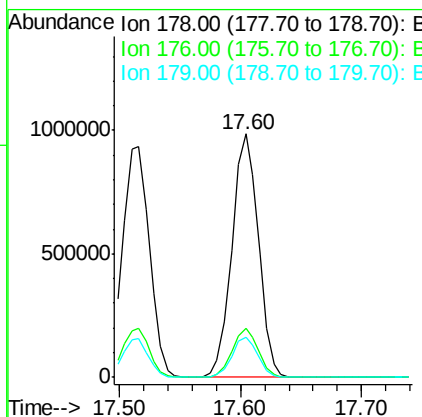
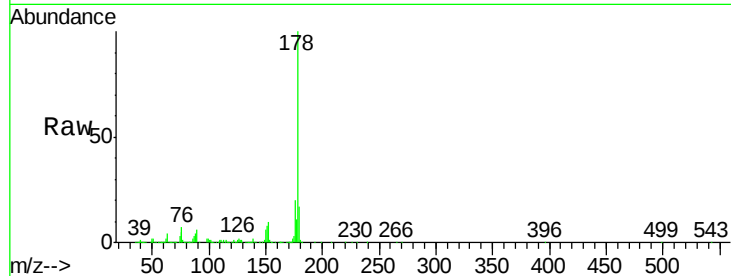


#71
 Anthracene
 Concen: 43.040 ng
 RT: 17.60 min Scan# 2436
 Delta R.T. -0.01 min
 Lab File: BG034120.D
 Acq: 2 May 2018 17:34

Instrument :
 BNA_G
 ClientSampleId :
 PB108725BS

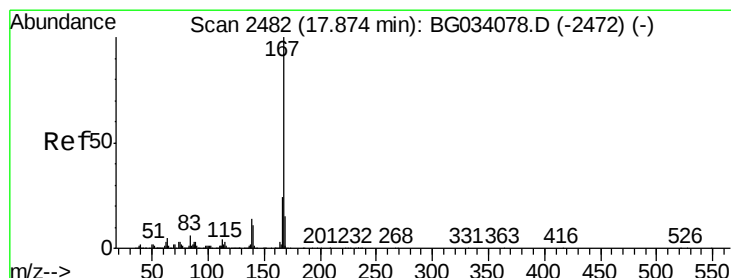
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.0	24.0
179	16.5	12.5	18.7

Manual Integrations
 APPROVED



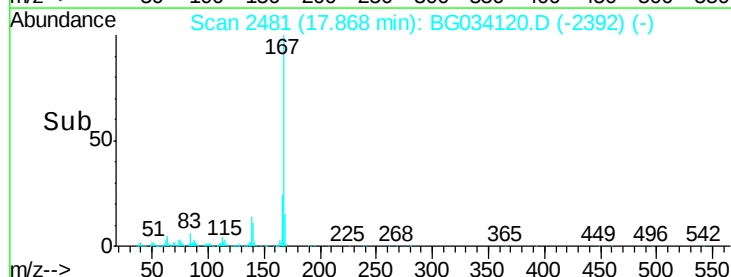
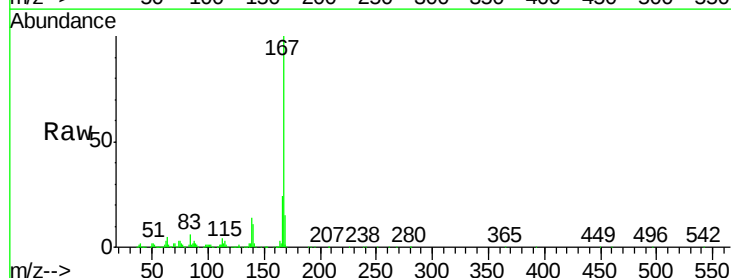
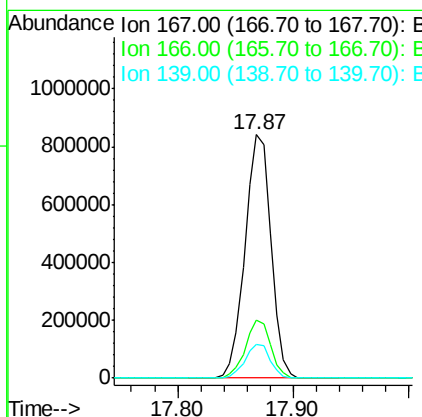
Sohil

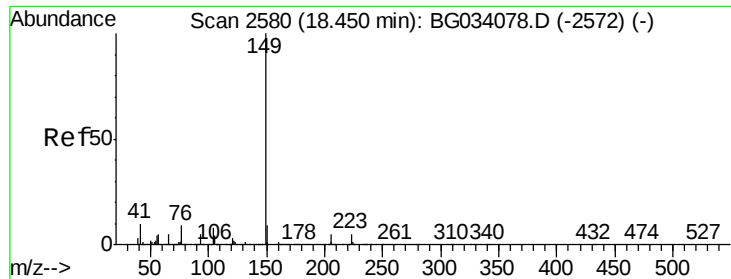
5/3/2018 4:59:31 PM



#72
 Carbazole
 Concen: 40.992 ng
 RT: 17.87 min Scan# 2481
 Delta R.T. -0.01 min
 Lab File: BG034120.D
 Acq: 2 May 2018 17:34

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.1	18.2	27.4
139	13.8	9.4	14.2



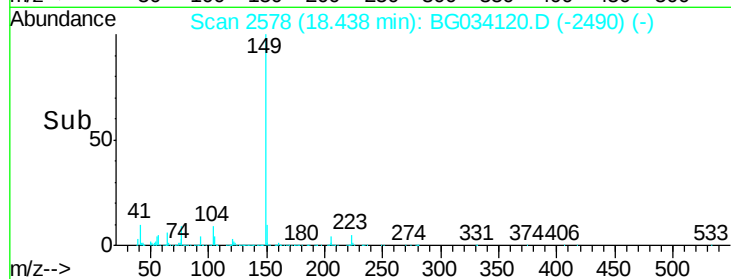
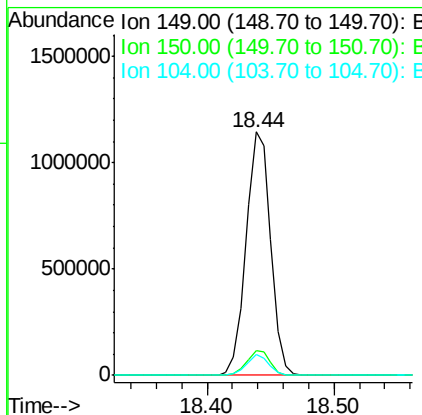
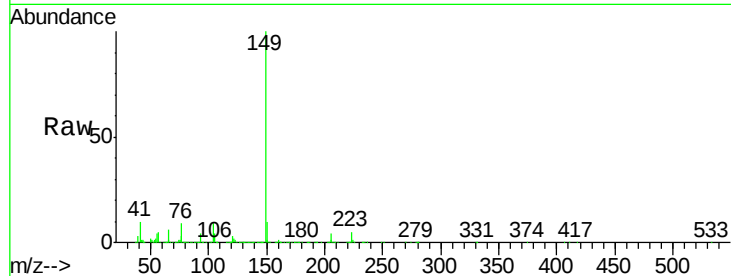


#73
Di-n-butylphthalate
Concen: 39.735 ng
RT: 18.44 min Scan# 2578
Delta R.T. -0.01 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

Instrument :
BNA_G
ClientSampleId :
PB108725BS

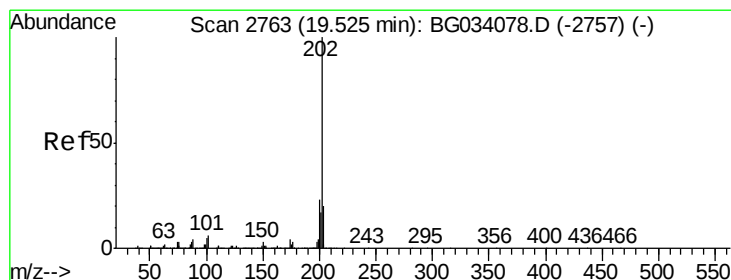
Tot Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.8	11.6
104	8.6	3.9	5.9

Manual Integrations
APPROVED



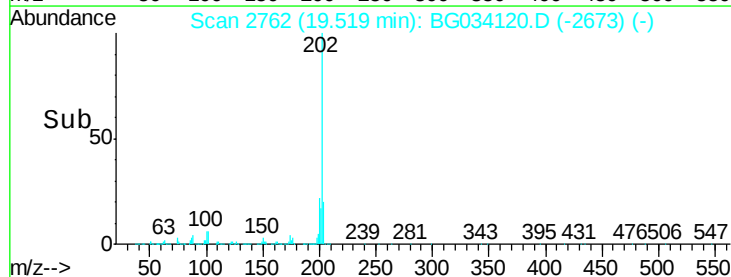
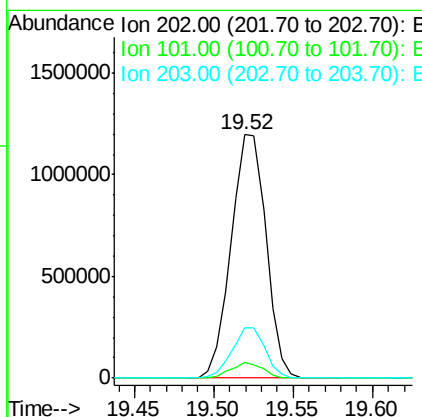
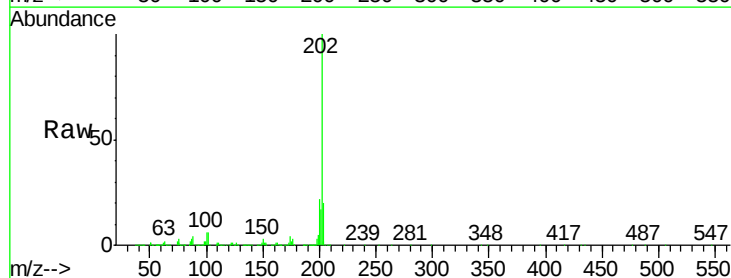
Sohil

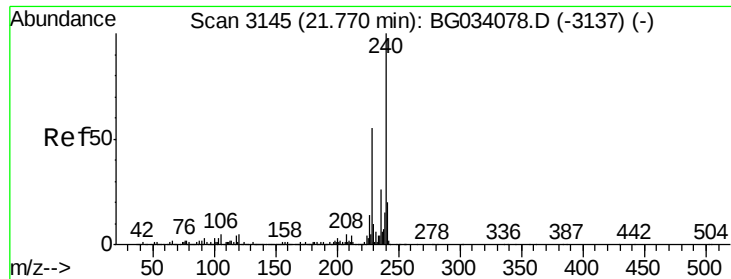
5/3/2018 4:59:31 PM



#74
Fluoranthene
Concen: 41.827 ng
RT: 19.52 min Scan# 2762
Delta R.T. -0.01 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.3	0.0	28.9
203	20.5	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

Instrument :

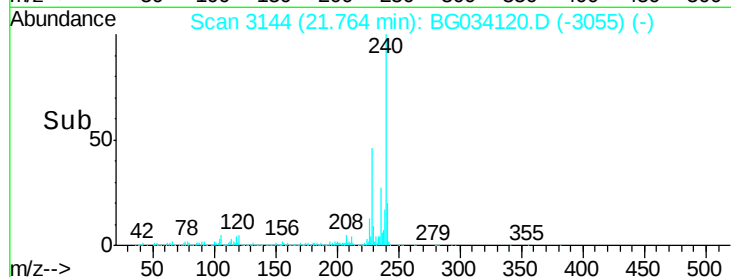
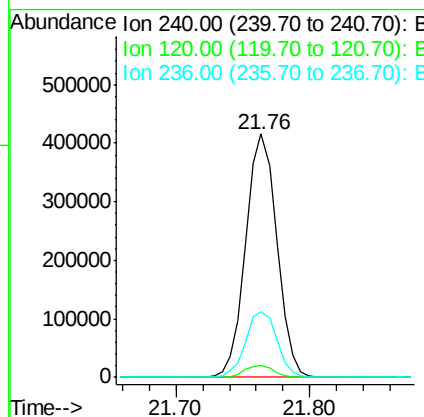
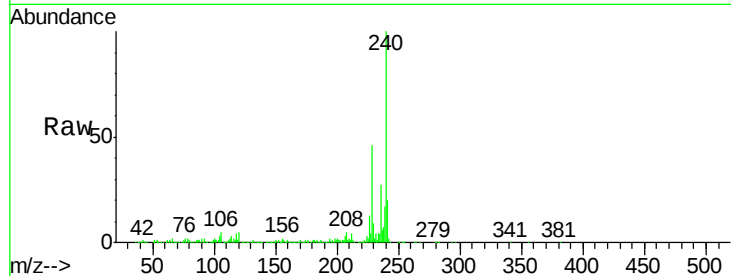
BNA_G

ClientSampleId :

PB108725BS

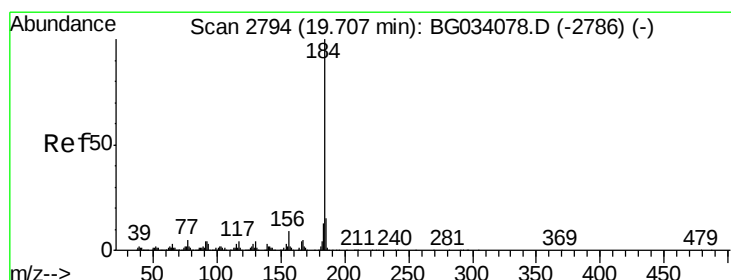
Tot Ion	Ratio	Lower	Upper
240	100		
120	4.7	6.8	10.2#
236	27.1	20.9	31.3

Manual Integrations
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Sohil

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#76

Benzidine

Concen: 59.543 ng

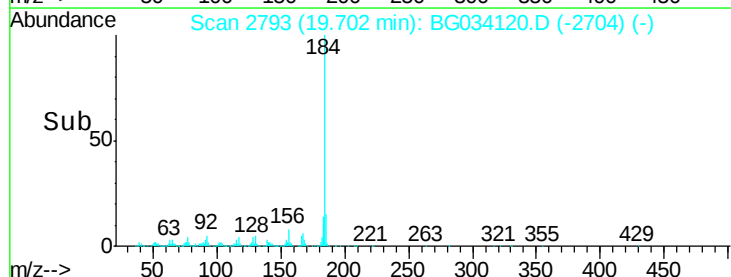
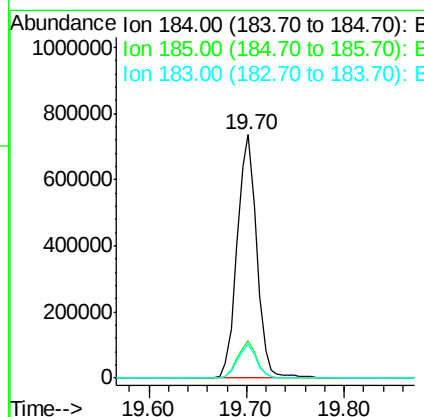
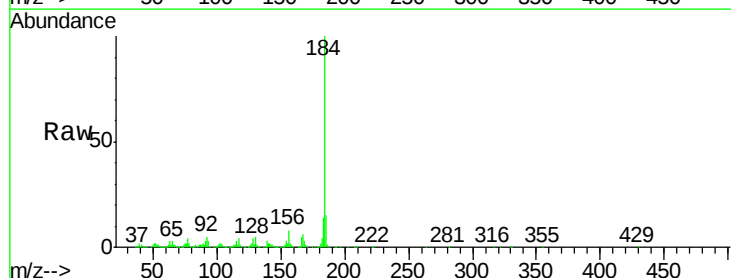
RT: 19.70 min Scan# 2793

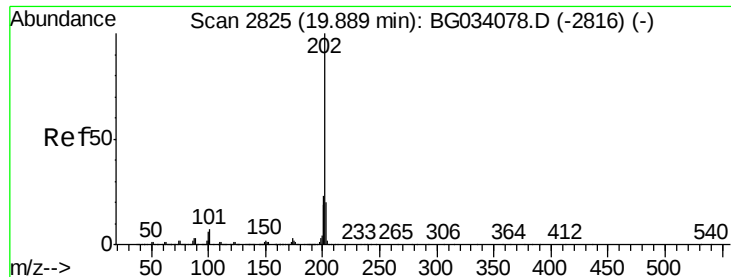
Delta R.T. -0.01 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.3	11.1	16.7
183	13.8	10.6	16.0





#77

Pvrene

Concen: 42.978 ng/mL

RT: 19.88 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

Instrument :

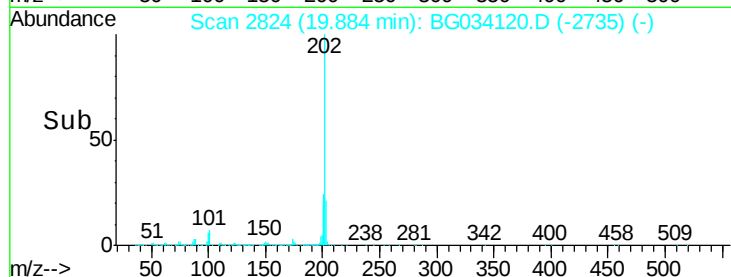
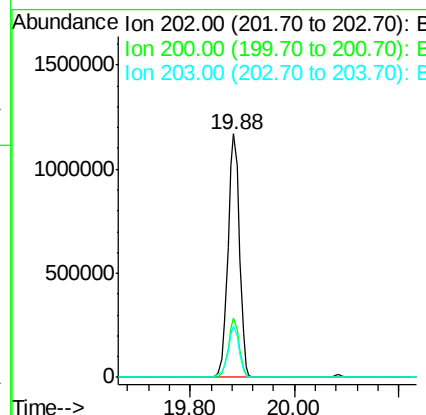
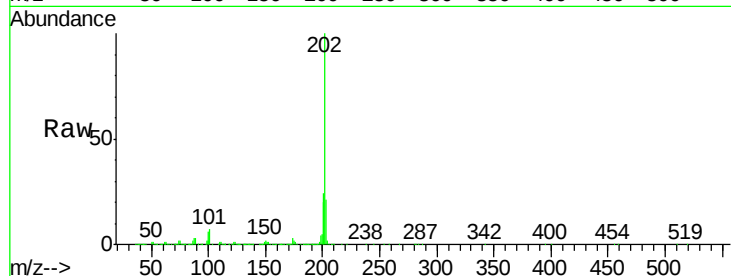
BNA_G

ClientSampleId :

PB108725BS

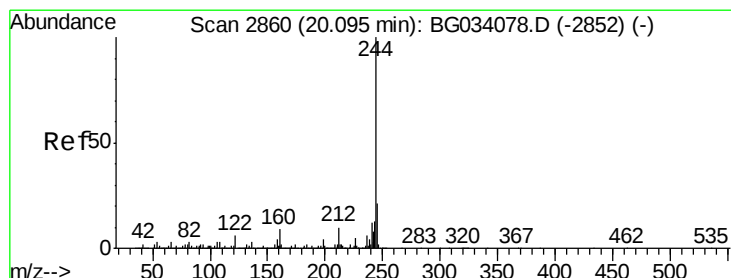
Tot Ion:	202	Resp:	1800321
Ion Ratio	Lower	Upper	
202	100		
200	24.1	16.9	25.3
203	20.9	13.9	20.9

Manual Integrations
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5/3/2018 4:59:31 PM



#78

Terphenyl-d14

Concen: 90.995 ng/mL

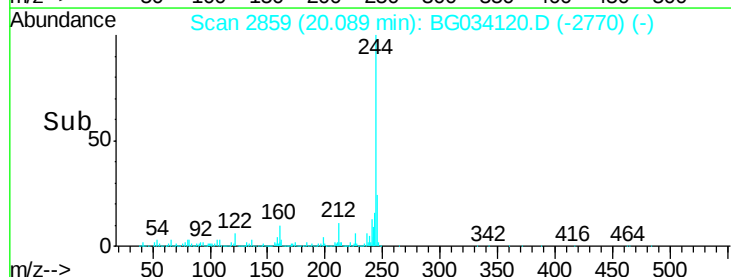
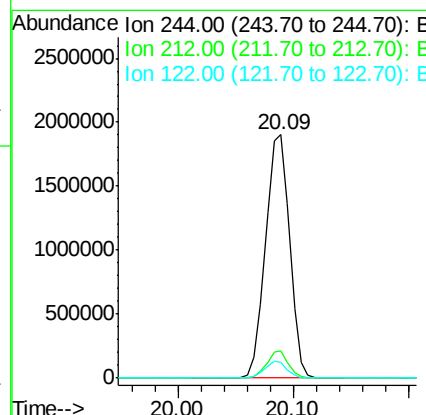
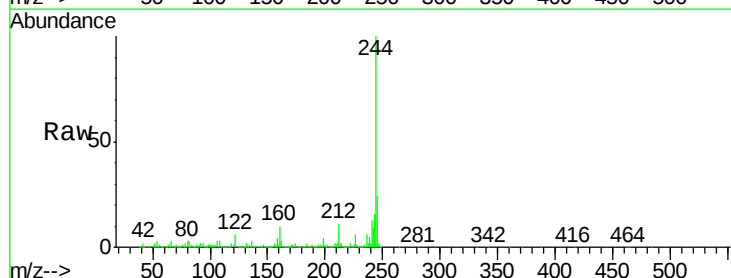
RT: 20.09 min Scan# 2859

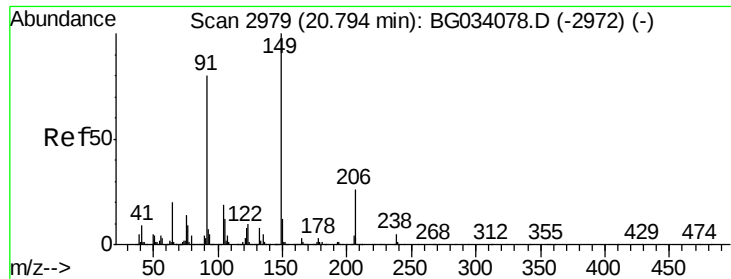
Delta R.T. -0.01 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

Tgt Ion:	244	Resp:	2777189
Ion Ratio	Lower	Upper	
244	100		
212	11.0	5.8	8.8
122	6.3	7.0	10.4



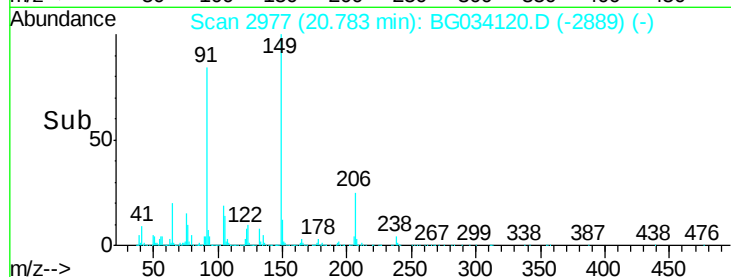
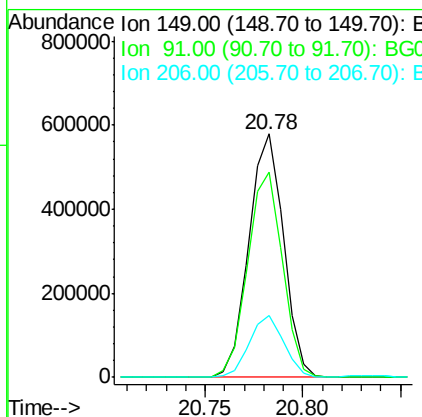
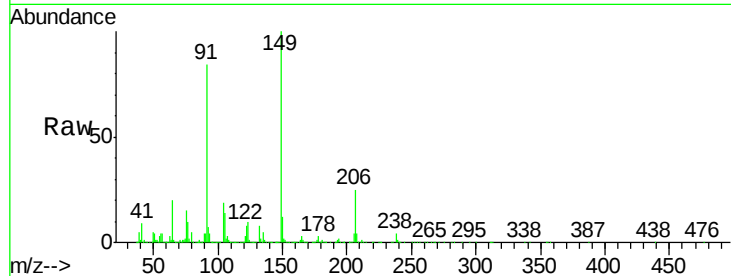


#79
Butylbenzylphthalate
Concen: 43.622 ng
RT: 20.78 min Scan# 2977
Delta R.T. -0.01 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

Instrument :
BNA_G
ClientSampleId :
PB108725BS

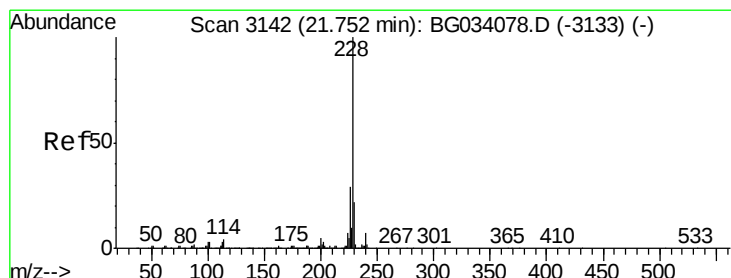
Tot Ion	Ratio	Lower	Upper
149	100		
91	84.3	62.2	93.2
206	25.3	18.6	27.8

Manual Integrations
APPROVED



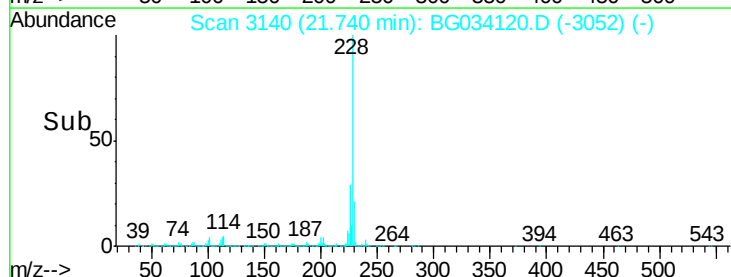
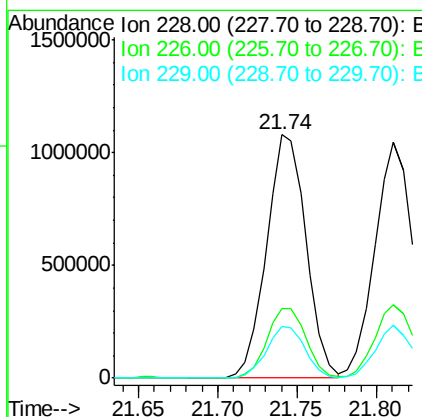
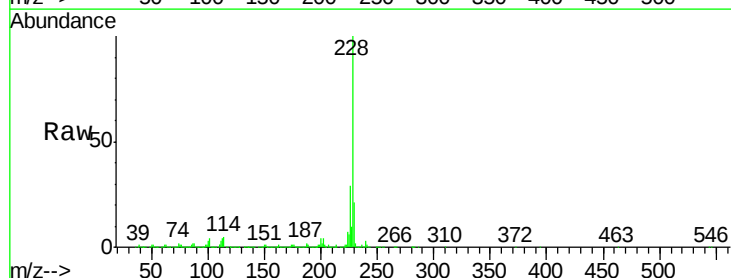
Sohil

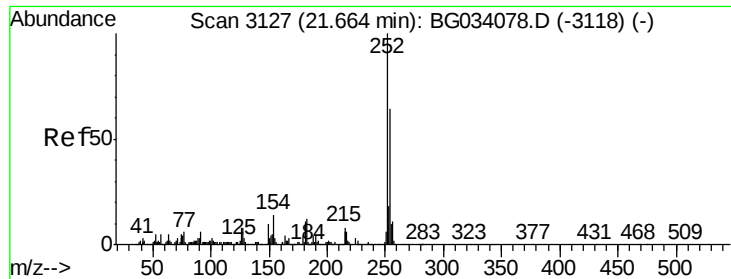
5/3/2018 4:59:31 PM



#80
Benzo(a)anthracene
Concen: 43.563 ng
RT: 21.74 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.7	34.1
229	21.2	16.2	24.2



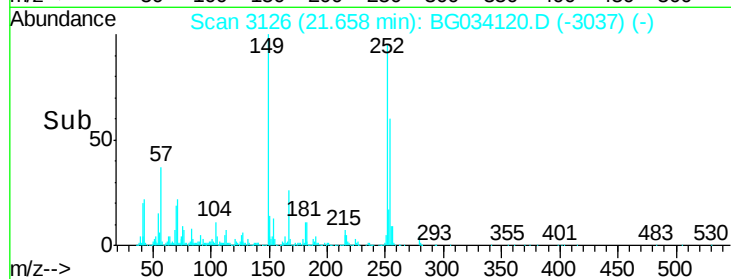
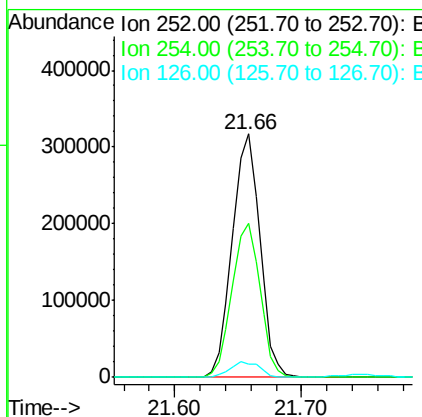
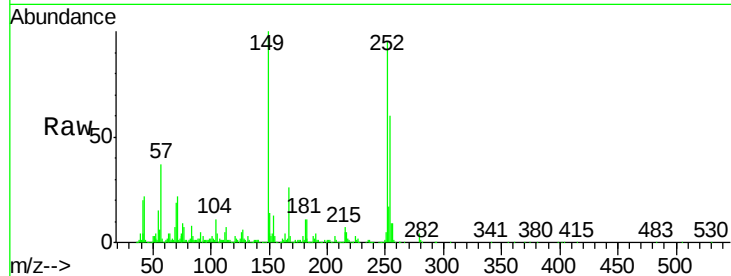


#81
 3,3'-Dichlorobenzidine
 Concen: 29.638 ng
 RT: 21.66 min Scan# 3126
 Delta R.T. -0.01 min
 Lab File: BG034120.D
 Acq: 2 May 2018 17:34

Instrument :
 BNA_G
 ClientSampled :
 PB108725BS

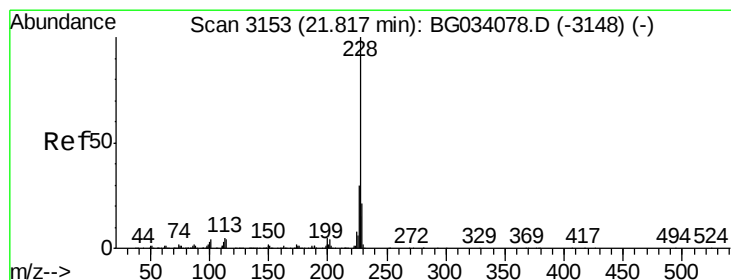
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.2	50.8	76.2
126	5.6	7.4	11.2

Manual Integrations
 APPROVED



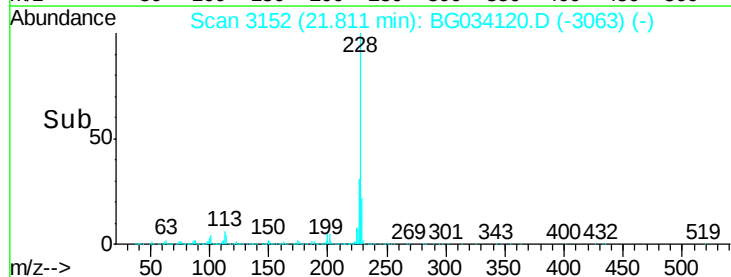
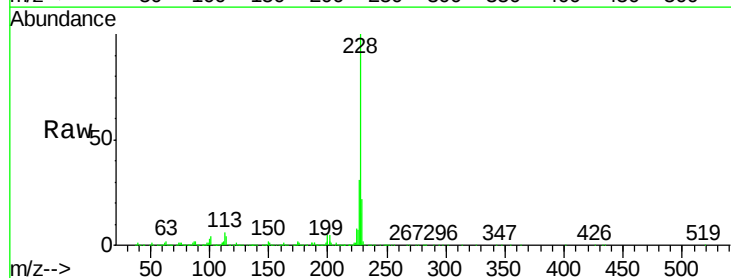
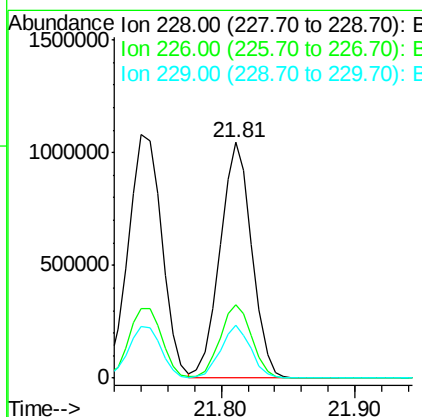
Sohil

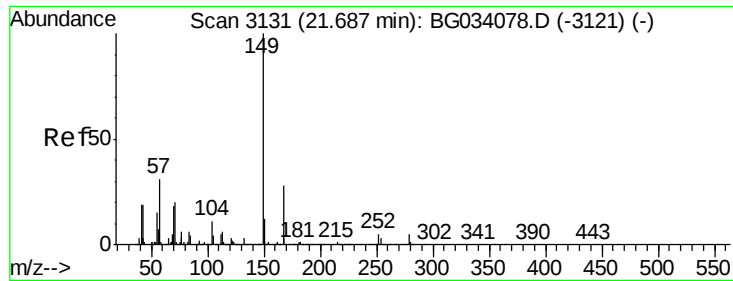
5/3/2018 4:59:31 PM



#82
 Chrysene
 Concen: 42.345 ng
 RT: 21.81 min Scan# 3152
 Delta R.T. -0.01 min
 Lab File: BG034120.D
 Acq: 2 May 2018 17:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	22.2	15.0	22.4



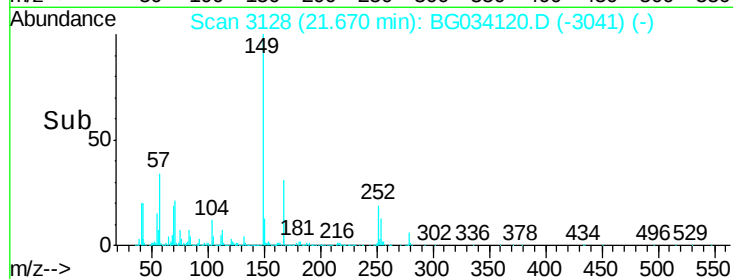
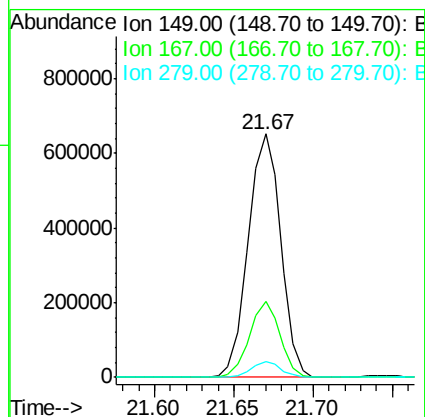
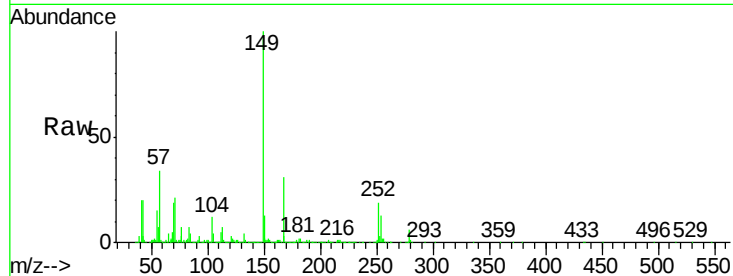


#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.343 ng
 RT: 21.67 min Scan# 3128
 Delta R.T. -0.02 min
 Lab File: BG034120.D
 Acq: 2 May 2018 17:34

Instrument :
 BNA_G
 ClientSampleId :
 PB108725BS

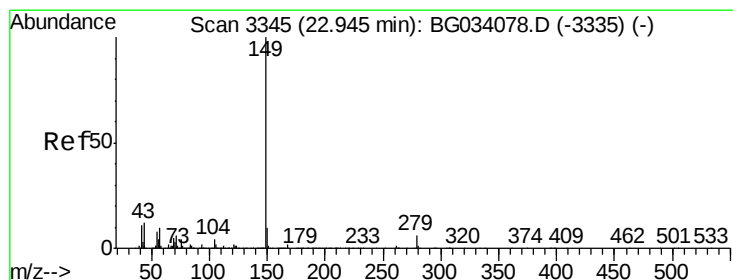
Tot Ion	Ratio	Lower	Upper
149	100		
167	31.4	24.3	36.5
279	6.5	4.0	6.0

Manual Integrations
 APPROVED



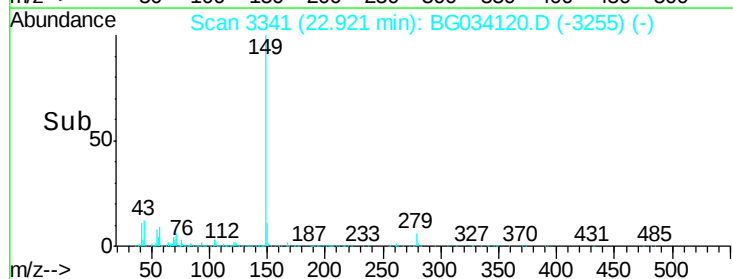
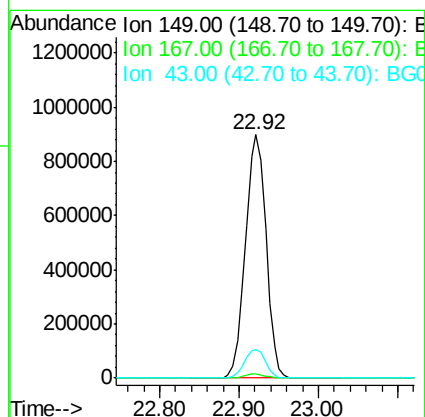
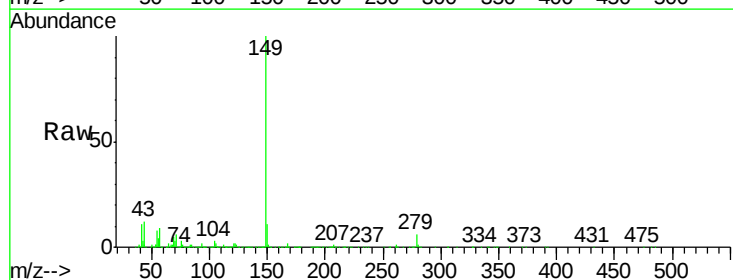
Sohil

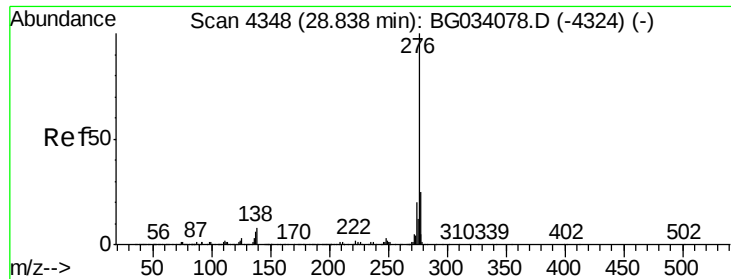
5/3/2018 4:59:31 PM



#84
 Di-n-octyl phthalate
 Concen: 45.065 ng
 RT: 22.92 min Scan# 3341
 Delta R.T. -0.02 min
 Lab File: BG034120.D
 Acq: 2 May 2018 17:34

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	12.1	8.9	13.3



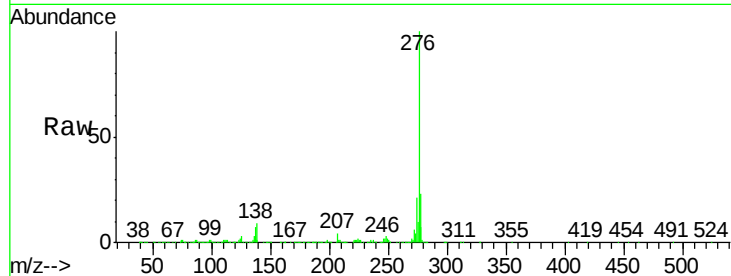


#85
Indeno(1,2,3-cd)pyrene
Concen: 46.499 ng
RT: 28.81 min Scan# 4344
Delta R.T. -0.02 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

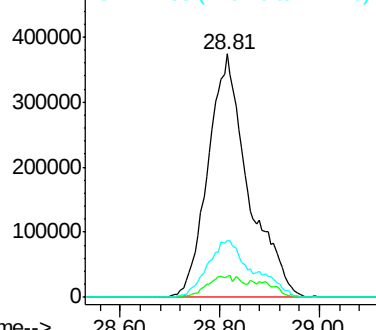
Instrument :
BNA_G
ClientSampleId :
PB108725BS

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
138	5.7	16.0	24.0	#
277	26.4	20.0	30.0	

Manual Integrations
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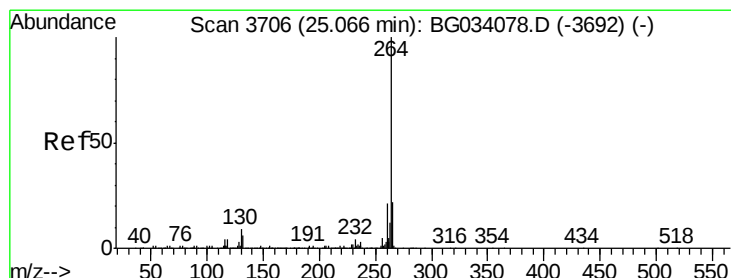
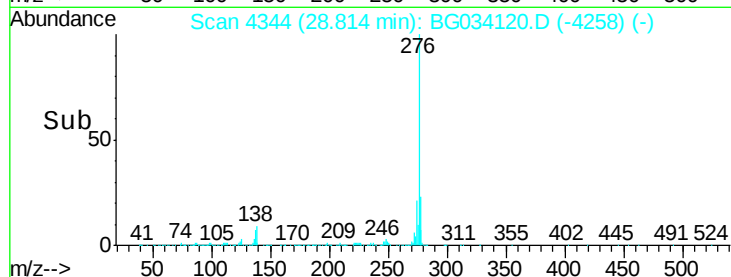


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



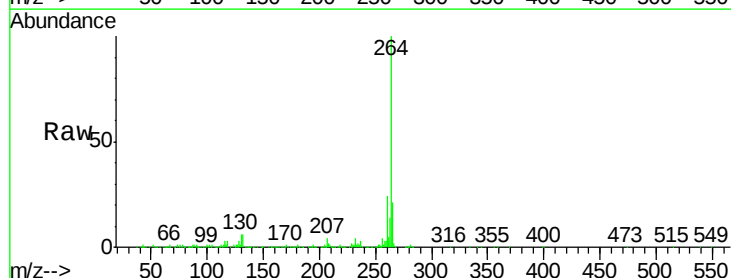
Sohil

5/3/2018 4:59:31 PM

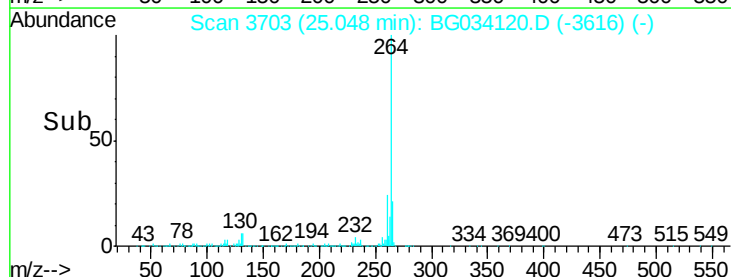
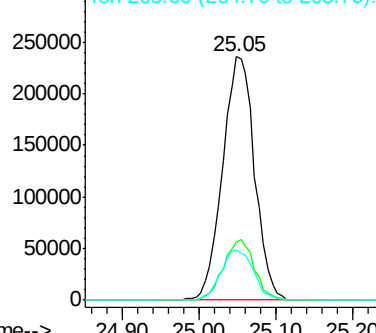


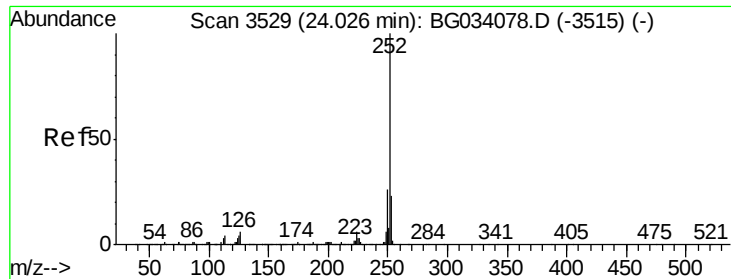
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.05 min Scan# 3703
Delta R.T. -0.02 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

Tgt Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.8	17.4	26.0	
265	20.8	17.7	26.5	



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 43.990 ng

RT: 24.01 min Scan# 3526

Delta R.T. -0.02 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

Instrument :

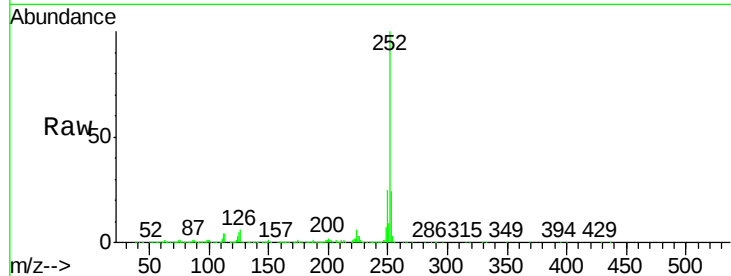
BNA_G

ClientSampled :

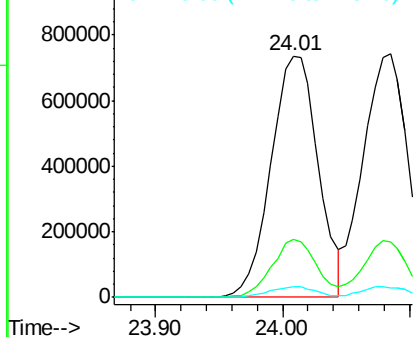
PB108725BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.2	27.4
125	4.5	7.2	10.8

Manual Integrations
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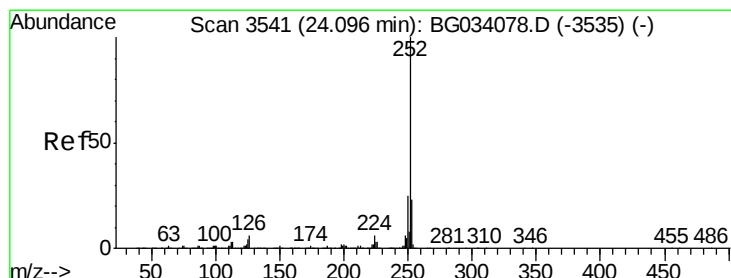
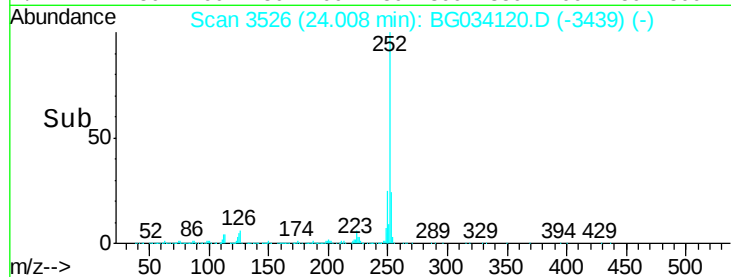


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



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5/3/2018 4:59:31 PM



#88

Benzo(k)fluoranthene

Concen: 43.912 ng

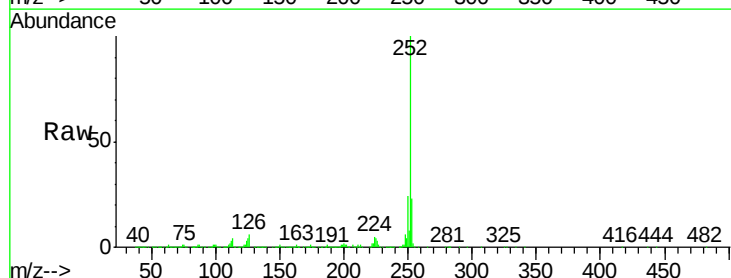
RT: 24.08 min Scan# 3539

Delta R.T. -0.01 min

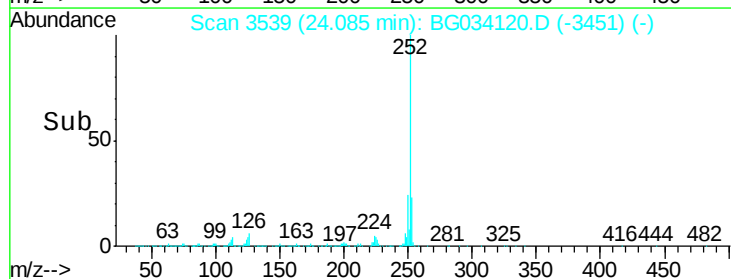
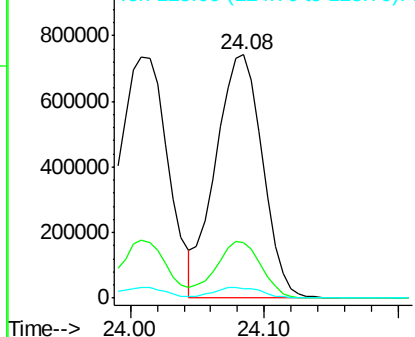
Lab File: BG034120.D

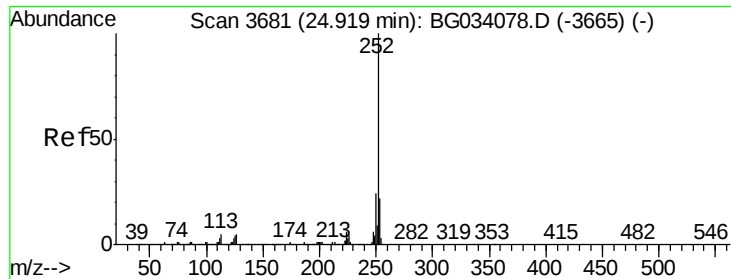
Acq: 2 May 2018 17:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	4.0	6.6	9.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



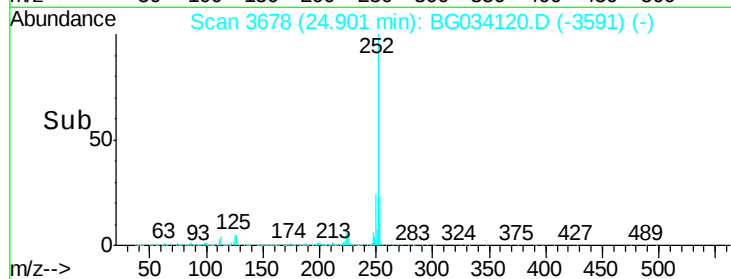
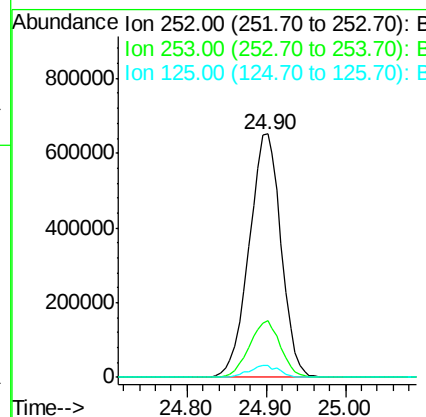
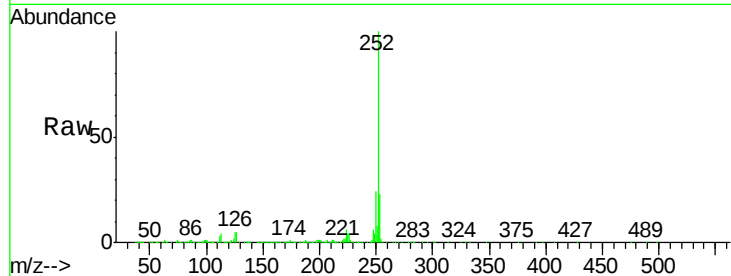


#89
Benzo(a)pyrene
Concen: 45.141 ng
RT: 24.90 min Scan# 3678
Delta R.T. -0.02 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

Instrument :
BNA_G
ClientSampleId :
PB108725BS

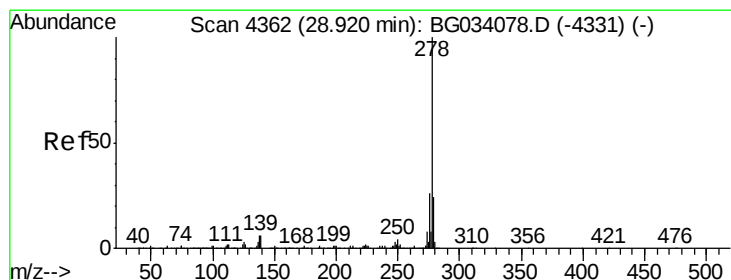
Tot Ion	Ion	Ratio	Lower	Upper
252	100			
253	23.1	18.3	27.5	
125	4.9	7.3	10.9	

Manual Integrations
APPROVED



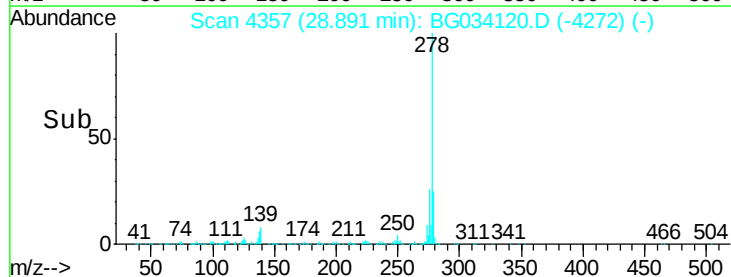
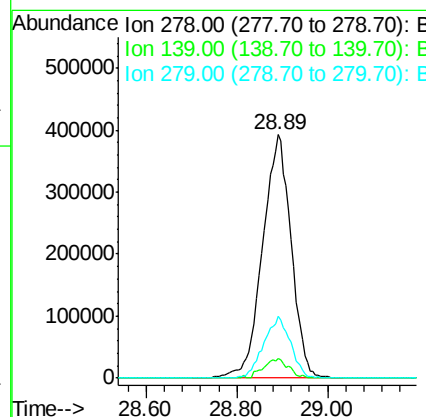
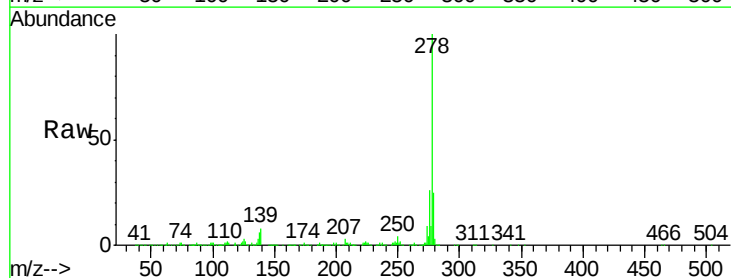
Sohil

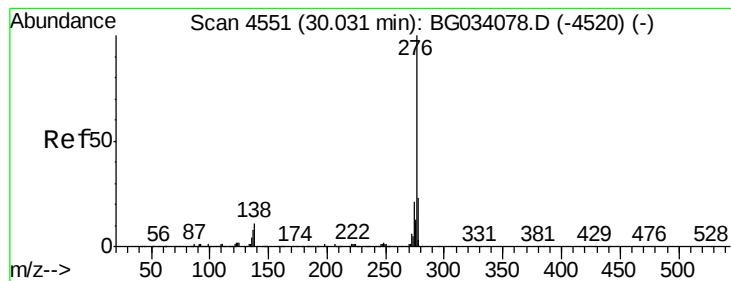
5/3/2018 4:59:31 PM



#90
Dibenzo(a,h)anthracene
Concen: 45.083 ng
RT: 28.89 min Scan# 4357
Delta R.T. -0.03 min
Lab File: BG034120.D
Acq: 2 May 2018 17:34

Tgt Ion	Ion	Ratio	Lower	Upper
278	100			
139	7.9	9.8	14.6	
279	25.4	18.4	27.6	





#91

Benzo(a,h,i)perylene

Concen: 45.572 ng

RT: 29.98 min Scan# 4543

Delta R.T. -0.05 min

Lab File: BG034120.D

Acq: 2 May 2018 17:34

Instrument :

BNA_G

ClientSampleId :

PB108725BS

Tot Ion:276 Resp: 1711809

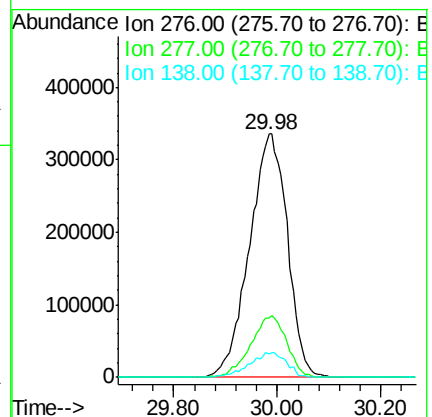
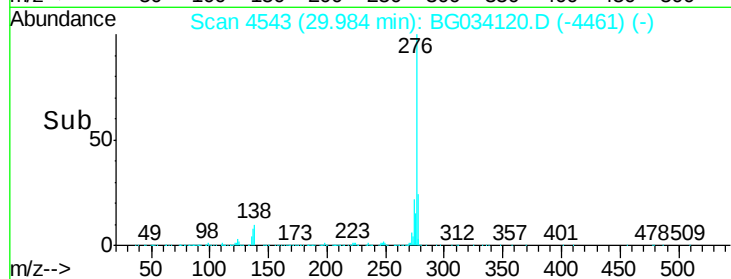
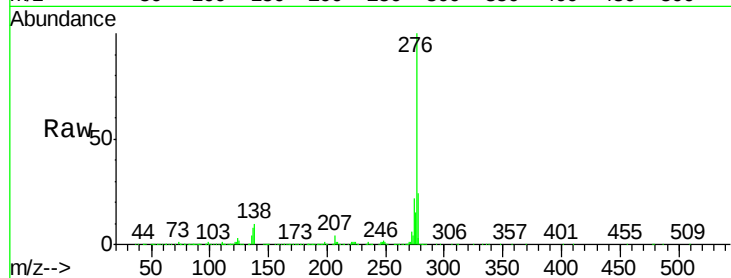
Ion Ratio Lower Upper

276 100

277 24.4 18.3 27.5

138 9.6 13.9 20.9#

Manual Integrations
APPROVED



Sohil

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