

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050218\
 Data File : BG034134.D
 Acq On : 3 May 2018 2:31
 Operator : SJ/JU
 Sample : PB108811BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB108811BS

Manual Integrations
 APPROVED

Sohil
 5/3/2018 4:59:37 PM

Quant Time: May 03 06:40:53 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	8.08	152	69619	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	293223	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	249092	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	698646	20.00	ng	0.00
75) Chrysene-d12	21.76	240	644441	20.00	ng	0.00
86) Perylene-d12	25.04	264	698701	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	596318	138.39	ng	0.00
7) Phenol-d6	7.22	99	907974	135.35	ng	0.00
23) Nitrobenzene-d5	9.23	82	617316	80.78	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	468297	135.77	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1384431	80.99	ng	0.00
78) Terphenyl-d14	20.09	244	2488950	84.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	61491	33.982	ng	# 81
3) Pyridine	3.94	79	195103	34.364	ng	# 88
4) n-Nitrosodimethylamine	3.85	42	126143	40.747	ng	# 81
6) Aniline	7.39	93	209810	22.994	ng	# 91
8) 2-Chlorophenol	7.64	128	185667	43.181	ng	# 87
9) Benzaldehyde	7.20	77	89939	20.641	ng	# 90
10) Phenol	7.25	94	314054	46.415	ng	# 78
11) bis(2-Chloroethyl)ether	7.49	93	206971	38.855	ng	# 90
12) 1,3-Dichlorobenzene	7.96	146	194090	35.680	ng	# 87
13) 1,4-Dichlorobenzene	8.11	146	196856	36.438	ng	# 94
14) 1,2-Dichlorobenzene	8.43	146	188976	36.825	ng	# 98
15) Benzyl Alcohol	8.31	79	290966	40.659	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	8.60	45	260367	35.526	ng	# 82
17) 2-Methylphenol	8.50	107	192815	43.308	ng	# 73
18) Hexachloroethane	9.16	117	83404	36.290	ng	# 97
19) n-Nitroso-di-n-propylamine	8.88	70	219861	36.495	ng	# 95
20) 3+4-Methylphenols	8.83	107	275381	41.764	ng	# 82
22) Acetophenone	8.89	105	358593	35.902	ng	# 98
24) Nitrobenzene	9.27	77	315099	37.667	ng	# 85
25) Isophorone	9.80	82	616662	39.554	ng	# 96
26) 2-Nitrophenol	9.99	139	97402	42.060	ng	# 60
27) 2,4-Dimethylphenol	10.05	122	216342	48.189	ng	# 89
28) bis(2-Chloroethoxy)methane	10.29	93	314808	41.109	ng	# 96
29) 2,4-Dichlorophenol	10.53	162	242312	45.154	ng	# 95
30) 1,2,4-Trichlorobenzene	10.75	180	229683	35.545	ng	# 99
31) Naphthalene	10.94	128	581468	37.728	ng	# 100
32) Benzoic acid	10.17	122	142766	37.334	ng	# 75
33) 4-Chloroaniline	11.04	127	68516	9.859	ng	# 83
34) Hexachlorobutadiene	11.23	225	187707	34.320	ng	# 92
35) Caprolactam	11.81	113	94469m	49.561	ng	#
36) 4-Chloro-3-methylphenol	12.15	107	334882	48.127	ng	# 88
37) 2-Methylnaphthalene	12.54	142	489928	39.204	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	350993	36.414	ng	# 97
40) Hexachlorocyclopentadiene	12.89	237	451824	79.110	ng	# 90

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050218\
 Data File : BG034134.D
 Acq On : 3 May 2018 2:31
 Operator : SJ/JU
 Sample : PB108811BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB108811BS

Manual Integrations
 APPROVED

Sohil
 5/3/2018 4:59:37 PM

Quant Time: May 03 06:40:53 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)
42) 2,4,6-Trichlorophenol	13.14	196	253036	45.183	nq	96
43) 2,4,5-Trichlorophenol	13.22	196	269215	43.484	nq #	90
45) 1,1'-Biphenyl	13.55	154	727667	37.395	nq	98
46) 2-Chloronaphthalene	13.59	162	548687	37.244	nq	96
47) 2-Nitroaniline	13.79	65	263719	44.774	nq #	84
48) Acenaphthylene	14.44	152	883087	37.545	nq	97
49) Dimethylphthalate	14.17	163	835682	38.690	nq	97
50) 2,6-Dinitrotoluene	14.29	165	188160	45.357	nq	85
51) Acenaphthene	14.78	154	663740	41.521	nq	93
52) 3-Nitroaniline	14.61	138	80878	19.343	nq	81
53) 2,4-Dinitrophenol	14.82	184	130150	80.196	nq #	72
54) Dibenzofuran	15.11	168	923671	39.856	nq #	87
55) 4-Nitrophenol	14.92	139	288627	90.437	nq #	50
56) 2,4-Dinitrotoluene	15.07	165	269193	47.790	nq	94
57) Fluorene	15.77	166	778088	38.521	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.34	232	291464	45.507	nq	97
59) Diethylphthalate	15.54	149	882246	38.599	nq	98
60) 4-Chlorophenyl-phenylether	15.76	204	487468	40.565	nq	100
61) 4-Nitroaniline	15.78	138	176179	39.722	nq #	43
62) Azobenzene	16.05	77	972000	39.366	nq	94
64) 4,6-Dinitro-2-methylphenol	15.83	198	116039	35.325	nq	98
65) n-Nitrosodiphenylamine	15.97	169	722927	37.949	nq	99
66) 4-Bromophenyl-phenylether	16.66	248	337519	38.911	nq	94
67) Hexachlorobenzene	16.77	284	337761	38.360	nq	94
68) Atrazine	16.92	200	346424	45.029	nq	96
69) Pentachlorophenol	17.11	266	446282	72.719	nq	94
70) Phenanthrene	17.51	178	1370671	38.181	nq	97
71) Anthracene	17.60	178	1402972	38.560	nq	99
72) Carbazole	17.87	167	1209467	36.313	nq	98
73) Di-n-butylphthalate	18.44	149	1408395	35.130	nq #	97
74) Fluoranthene	19.52	202	1648914	36.348	nq	93
76) Benzidine	19.70	184	688620	41.483	nq	99
77) Pyrene	19.89	202	1632276	40.427	nq	96
79) Butylbenzylphthalate	20.78	149	598805	37.991	nq	90
80) Benzo(a)anthracene	21.74	228	1646945	39.877	nq	98
81) 3,3'-Dichlorobenzidine	21.65	252	329661	21.108	nq #	96
82) Chrysene	21.81	228	1537732	38.900	nq	98
83) Bis(2-ethylhexyl)phthalate	21.67	149	828805	38.206	nq	97
84) Di-n-octyl phthalate	22.92	149	1405475	40.565	nq	99
85) Indeno(1,2,3-cd)pyrene	28.80	276	1832812	42.130	nq #	87
87) Benzo(b)fluoranthene	24.00	252	1712379	38.798	nq #	94
88) Benzo(k)fluoranthene	24.08	252	1585186	37.578	nq #	97
89) Benzo(a)pyrene	24.90	252	1614689	39.104	nq #	96
90) Dibenzo(a,h)anthracene	28.88	278	1504944	38.663	nq #	92
91) Benzo(g,h,i)perylene	29.99	276	1502623	39.166	nq #	92

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

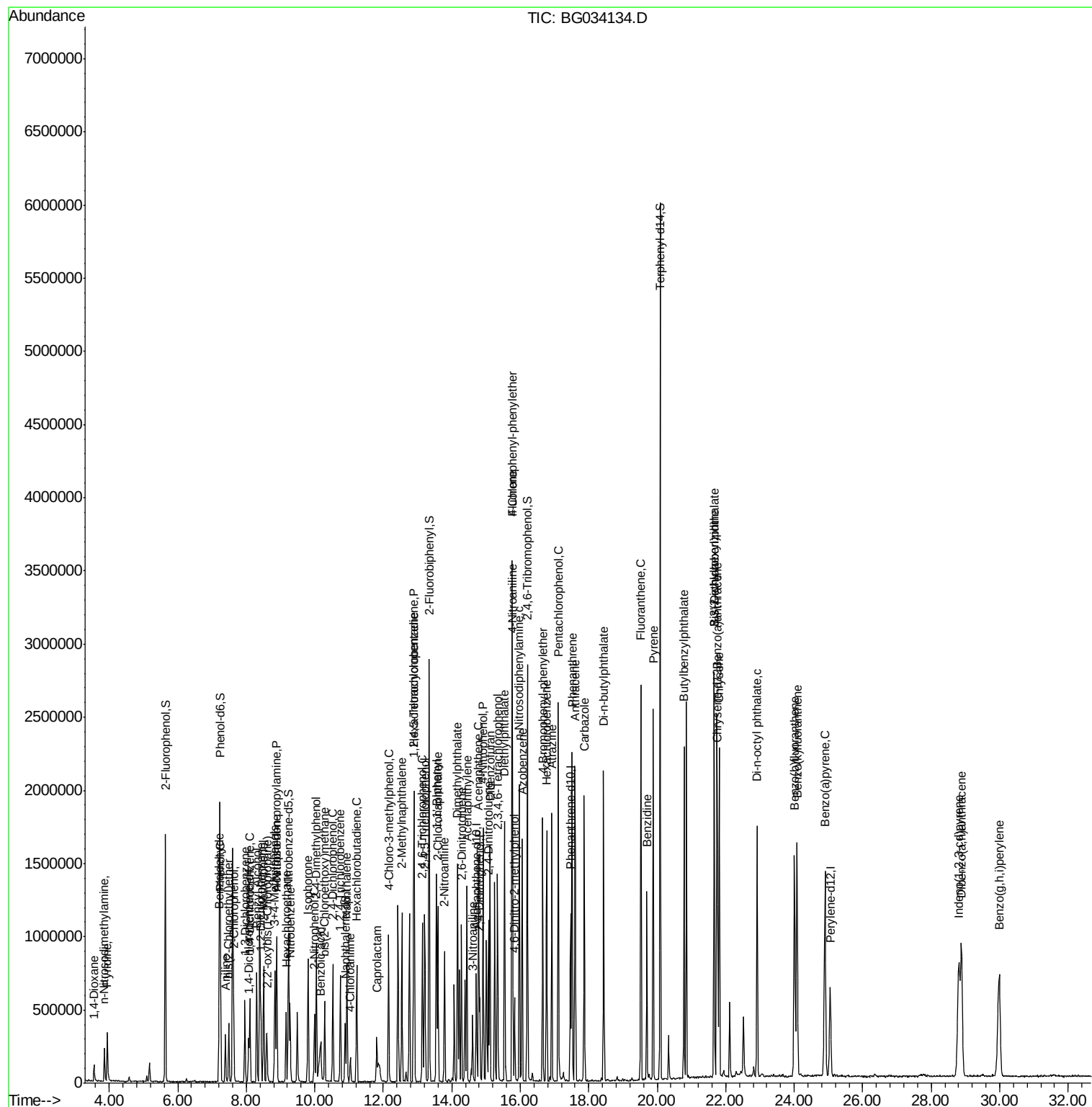
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050218\
Data File : BG034134.D
Acq On : 3 May 2018 2:31
Operator : SJ/JU
Sample : PB108811BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

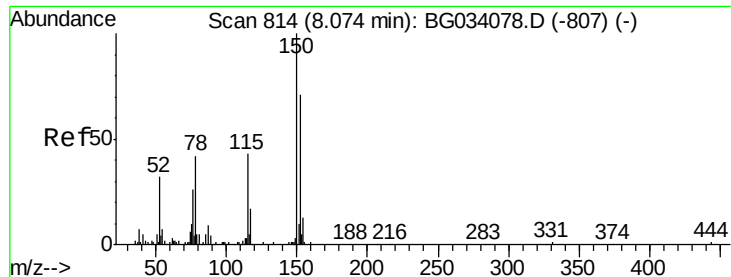
Instrument :
BNA_G
ClientSampled :
PB108811BS

Manual Integrations
APPROVED

Sohil
5/3/2018 4:59:37 PM

Quant Time: May 03 06:40:53 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





#1

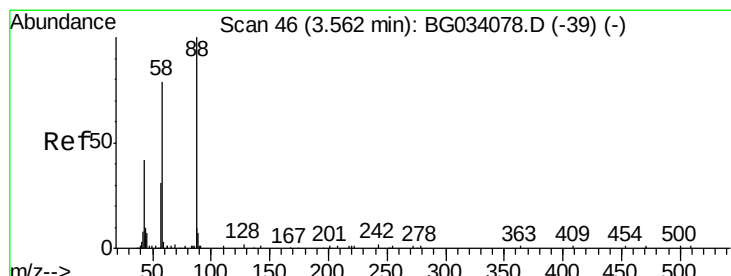
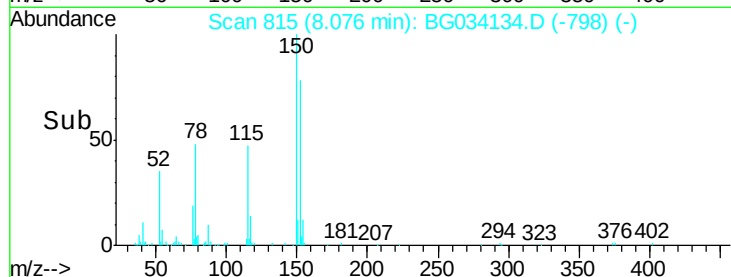
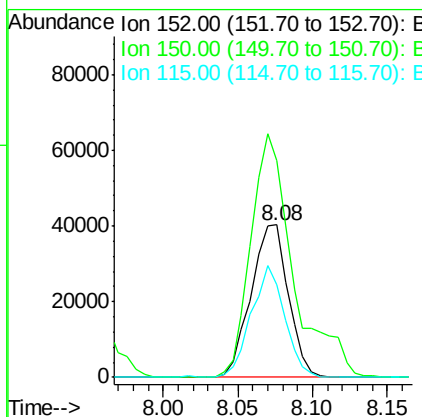
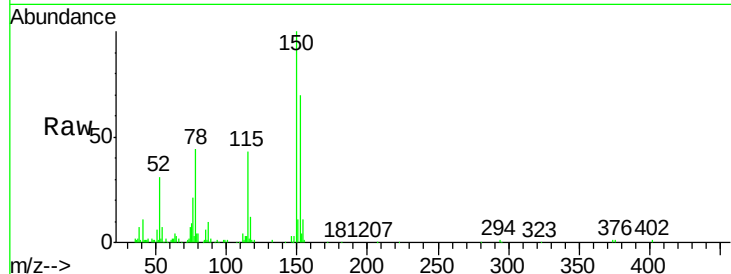
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 815
Delta R.T. 0.00 min
Lab File: BG034134.D
Acq: 3 May 2018 2:31

Instrument :
BNA_G
ClientSampleId :
PB108811BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	142.1	126.6	189.8
115	60.7	53.0	79.4

Manual Integrations
APPROVED

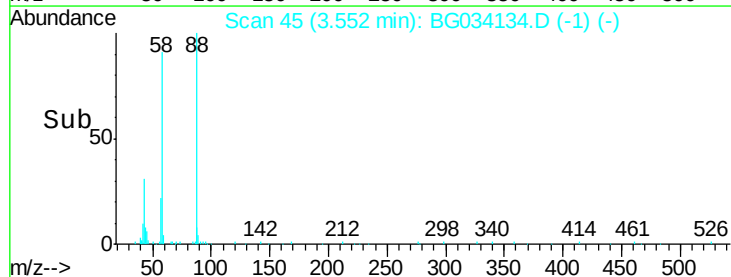
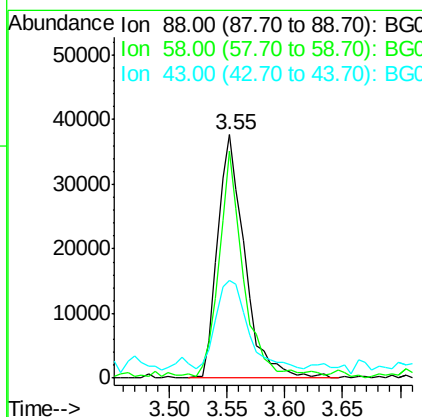
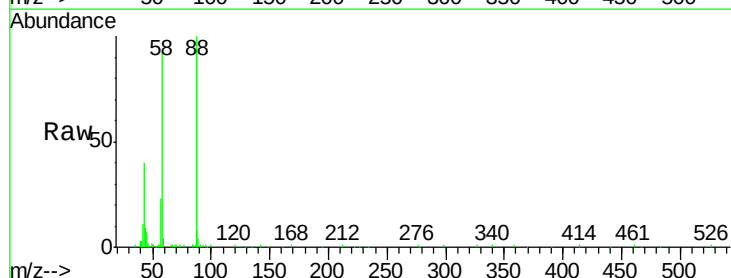
Sohil
5/3/2018 4:59:37 PM

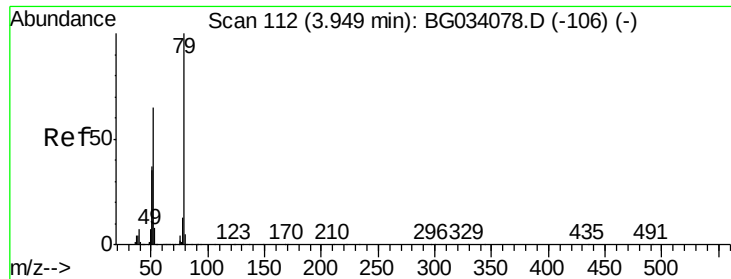


#2

1,4-Dioxane
Concen: 33.982 ng
RT: 3.55 min Scan# 45
Delta R.T. -0.01 min
Lab File: BG034134.D
Acq: 3 May 2018 2:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.0	79.6	119.4#
43	43.7	27.4	41.0#





#3

Pvridine

Concen: 34.364 ng

RT: 3.94 min Scan# 111

Delta R.T. -0.01 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

Instrument :

BNA_G

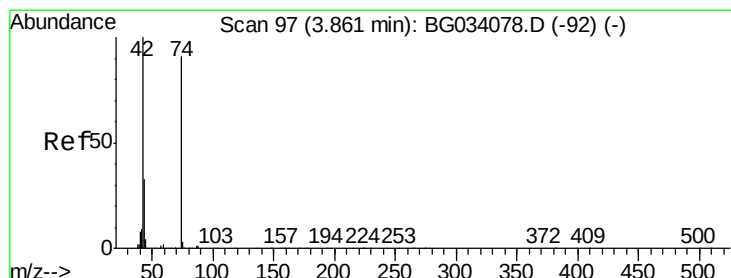
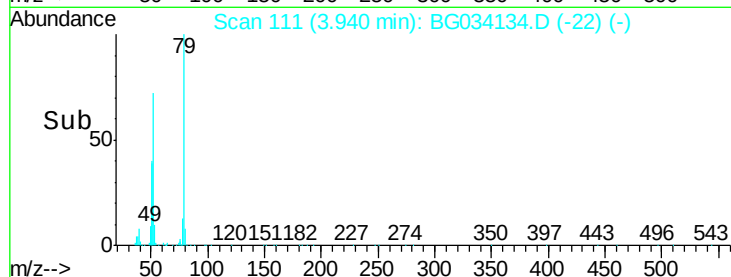
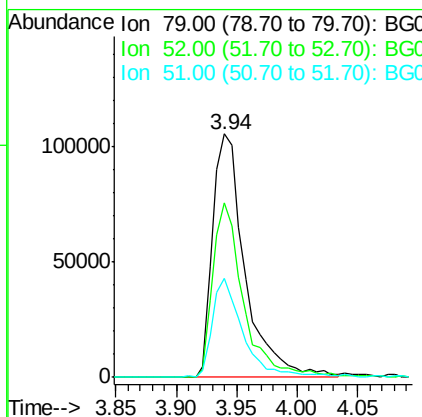
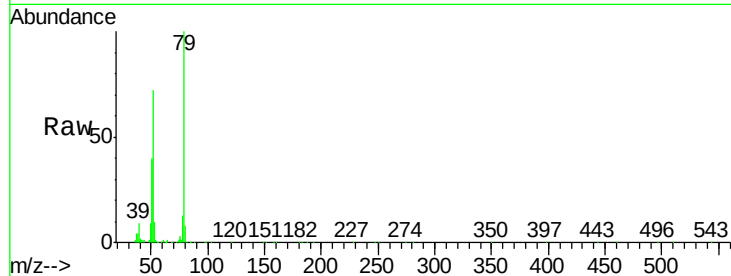
ClientSampleId :

PB108811BS

Tot Ion:	79	Resp:	195103
Ion Ratio	Lower	Upper	
79	100		
52	71.8	69.9	104.9
51	40.4	34.0	51.0

Manual Integrations
APPROVED

Sohil
5/3/2018 4:59:37 PM



#4

n-Nitrosodimethylamine

Concen: 40.747 ng

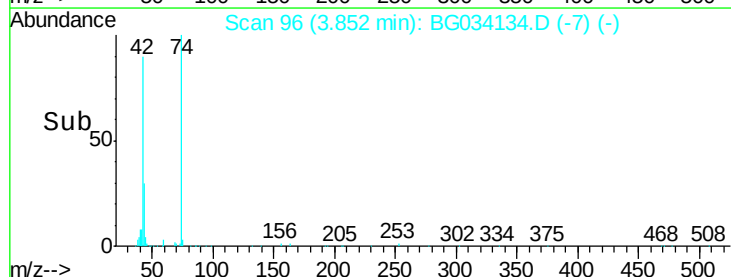
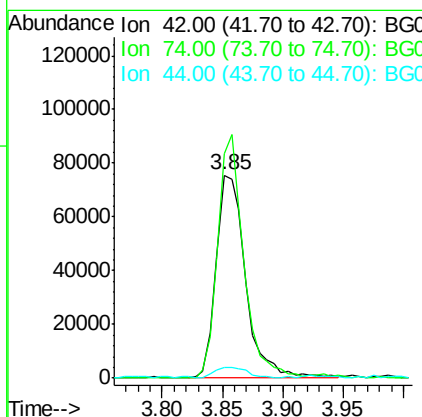
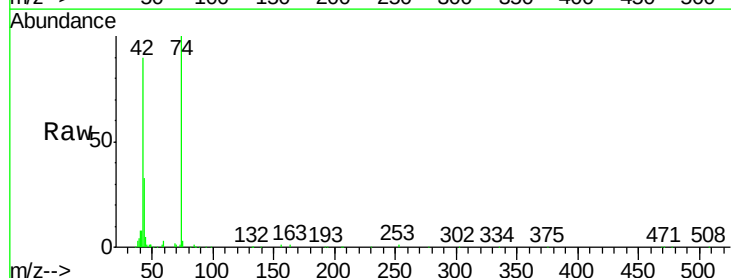
RT: 3.85 min Scan# 96

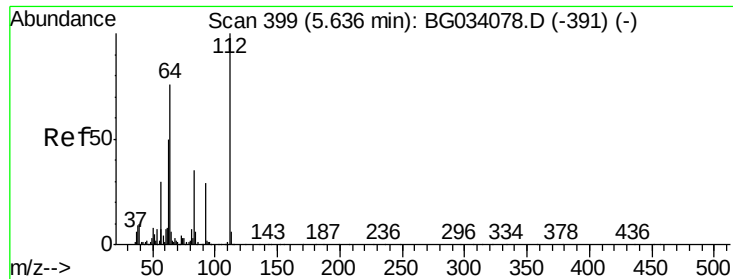
Delta R.T. -0.01 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

Tgt Ion:	42	Resp:	126143
Ion Ratio	Lower	Upper	
42	100		
74	110.6	102.5	153.7
44	5.4	18.9	28.3





#5

2-Fluorophenol

Concen: 138.386 ng

RT: 5.64 min Scan# 400

Delta R.T. 0.00 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

Instrument :

BNA_G

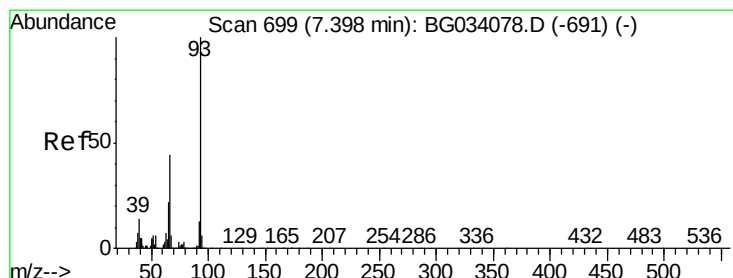
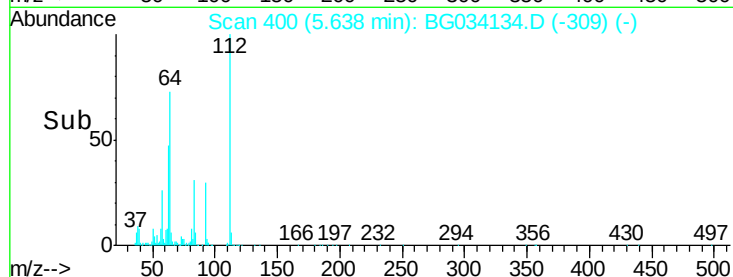
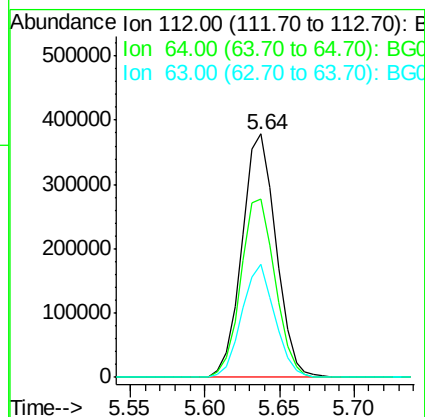
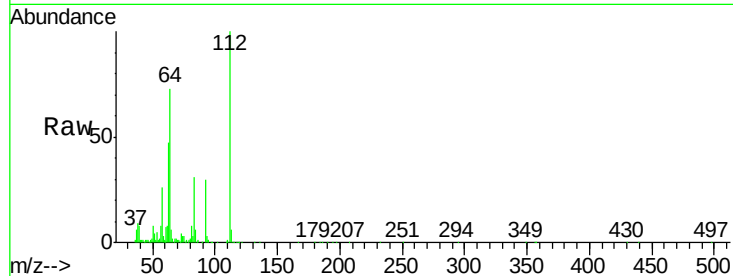
ClientSampleId :

PB108811BS

Tot Ion:	112	Resp:	596318
Ion Ratio	Lower	Upper	
112	100		
64	73.0	56.3	84.5
63	46.6	30.1	45.1

Manual Integrations
APPROVED

Sohil
5/3/2018 4:59:37 PM



#6

Aniline

Concen: 22.994 ng

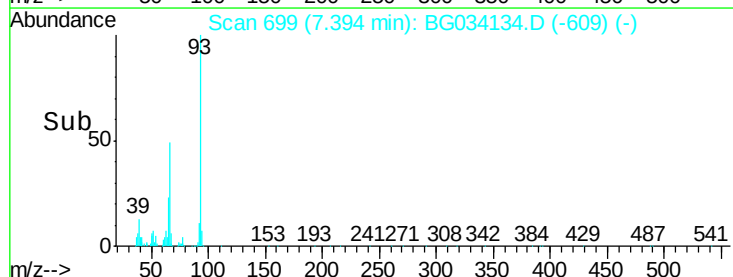
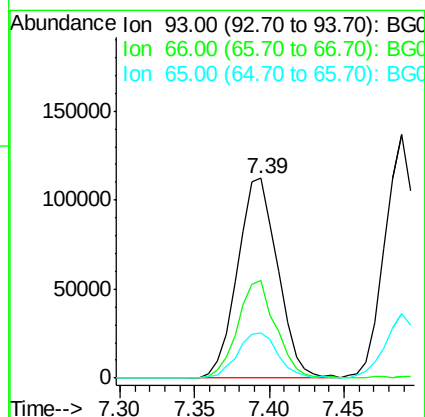
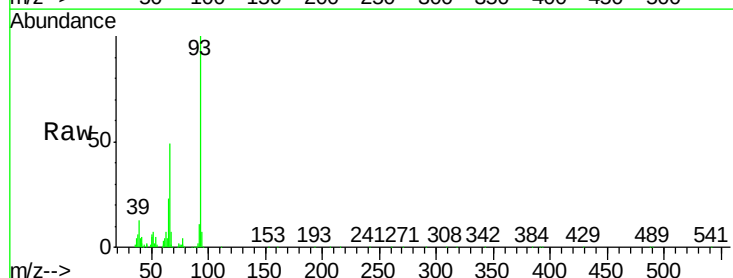
RT: 7.39 min Scan# 699

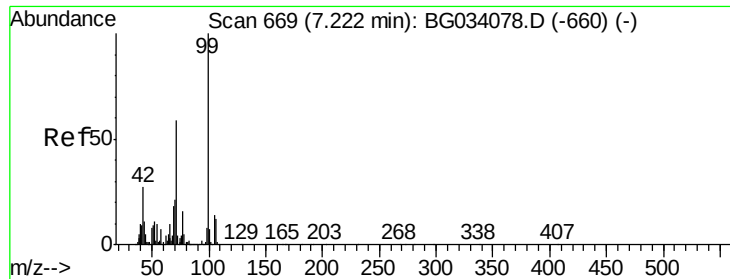
Delta R.T. -0.00 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

Tgt Ion:	93	Resp:	209810
Ion Ratio	Lower	Upper	
93	100		
66	49.1	33.7	50.5
65	22.6	16.1	24.1





#7

Phenol-d6

Concen: 135.348 ng

RT: 7.22 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

Instrument :

BNA_G

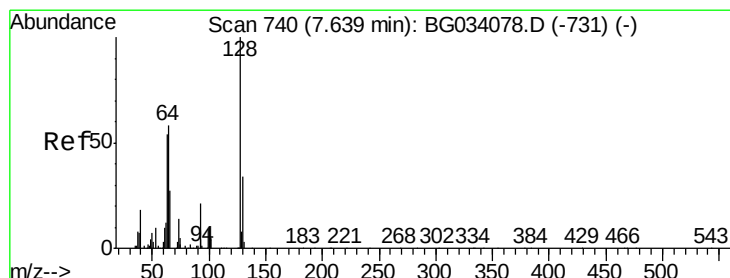
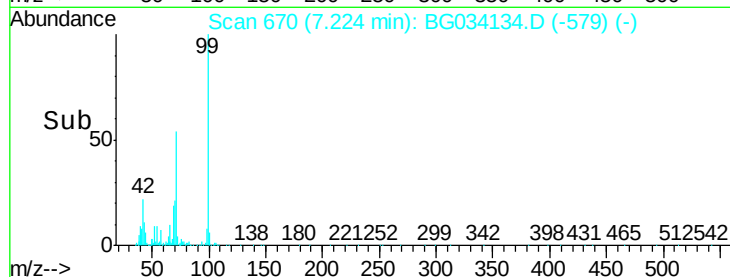
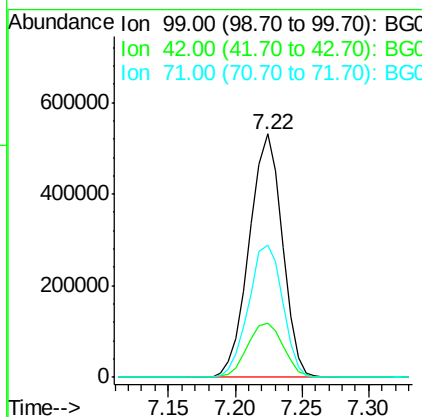
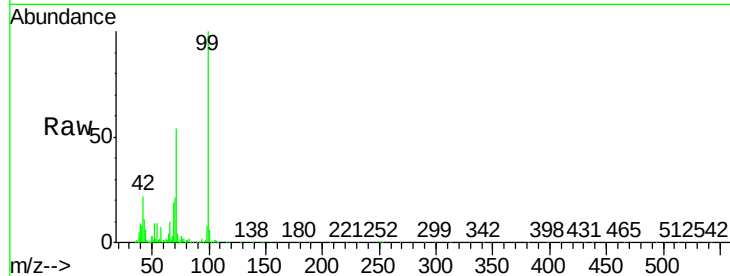
ClientSampleId :

PB108811BS

Tot Ion	99	Resp	907974
Ion Ratio	Lower	Upper	
99	100		
42	22.5	14.1	21.1#
71	54.5	26.1	39.1#

Manual Integrations
APPROVED

Sohil
5/3/2018 4:59:37 PM



#8

2-Chlorophenol

Concen: 43.181 ng

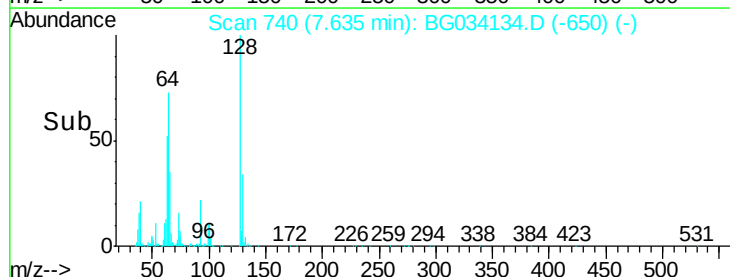
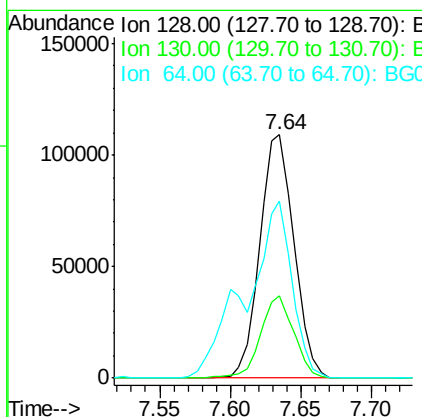
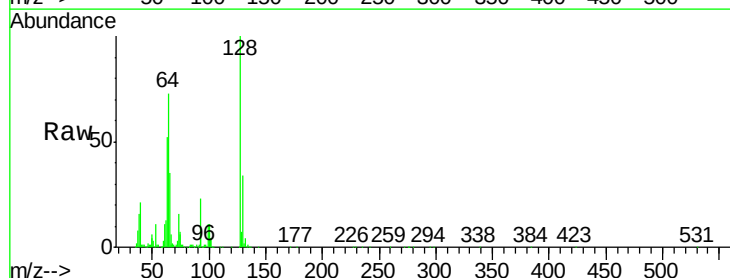
RT: 7.64 min Scan# 740

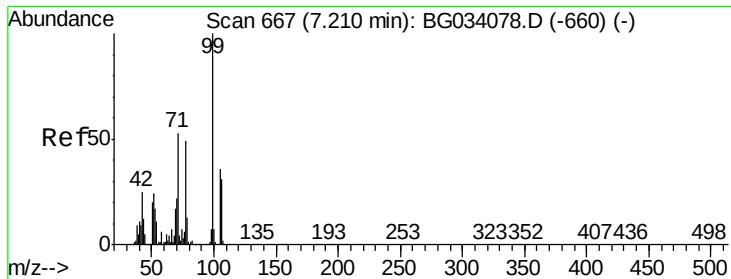
Delta R.T. -0.00 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

Tgt Ion	128	Resp	185667
Ion Ratio	Lower	Upper	
128	100		
130	33.6	14.0	54.0
64	72.5	37.7	77.7





#9

Benzaldehyde

Concen: 20.641 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

Instrument :

BNA_G

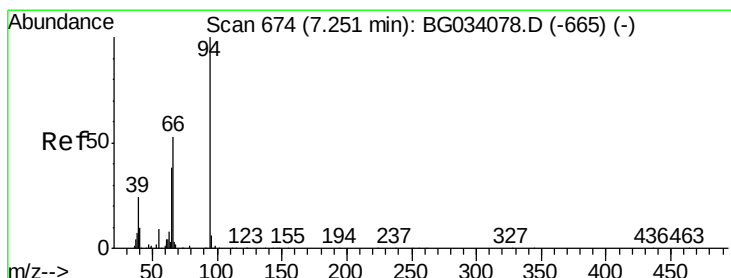
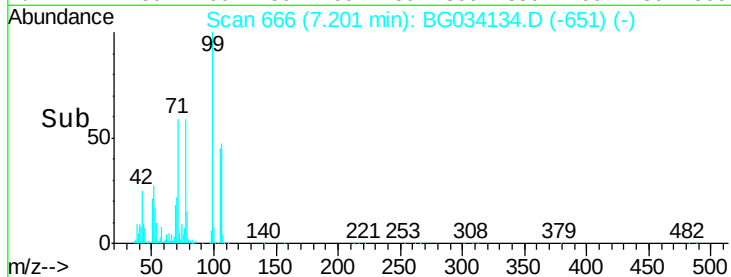
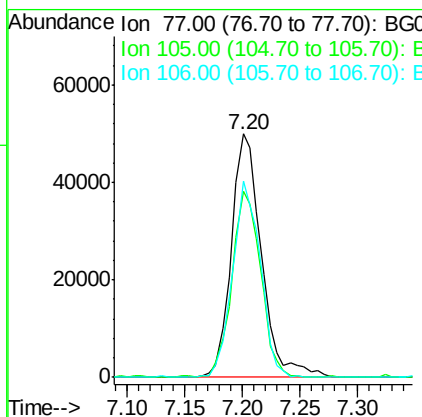
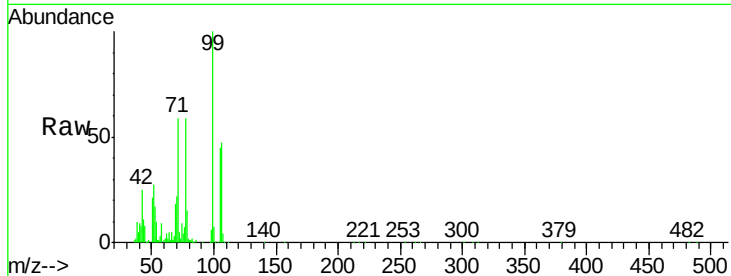
ClientSampleId :

PB108811BS

Tot Ion:	77	Resp:	89939
Ion	Ratio	Lower	Upper
77	100		
105	76.7	71.3	111.3
106	80.4	64.2	104.2

Manual Integrations
APPROVED

Sohil
5/3/2018 4:59:37 PM



#10

Phenol

Concen: 46.415 ng

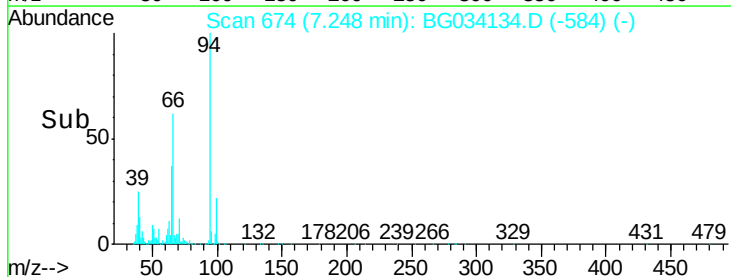
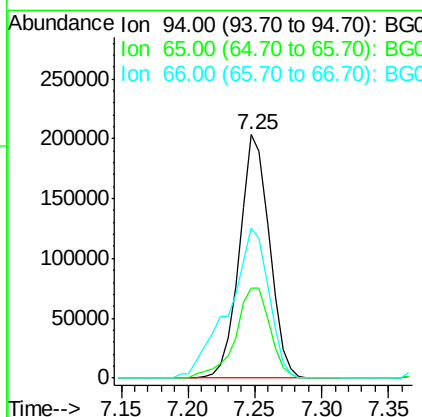
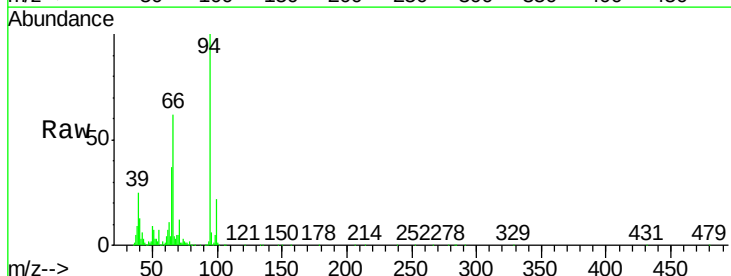
RT: 7.25 min Scan# 674

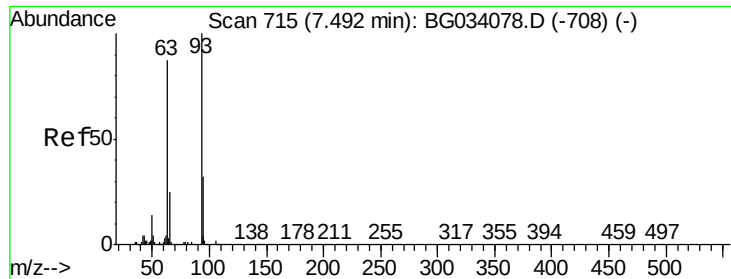
Delta R.T. -0.00 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

Tgt Ion:	94	Resp:	314054
Ion	Ratio	Lower	Upper
94	100		
65	37.2	11.9	51.9
66	61.6	22.2	62.2





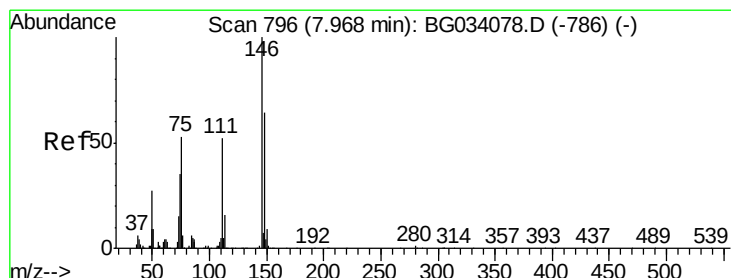
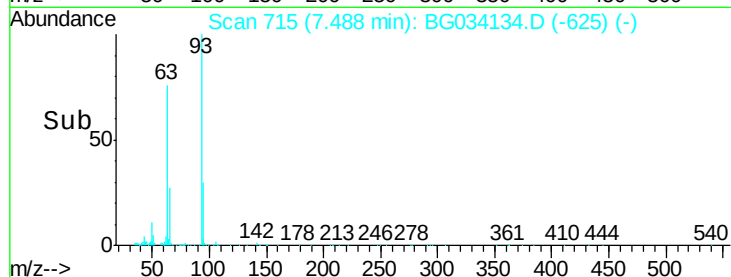
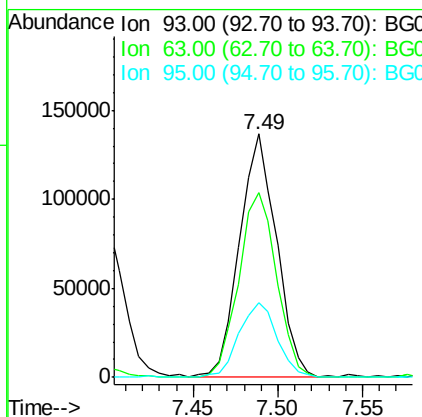
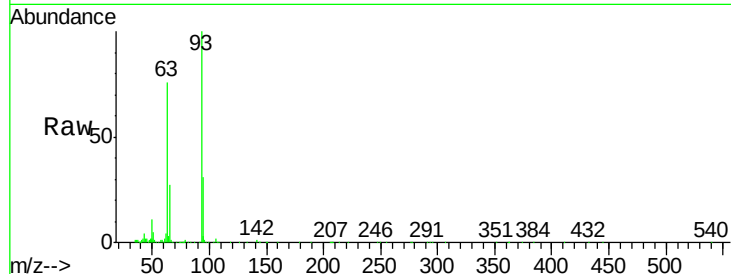
#11
bis(2-Chloroethyl)ether
Concen: 38.855 ng
RT: 7.49 min Scan# 715
Delta R.T. -0.00 min
Lab File: BG034134.D
Acq: 3 May 2018 2:31

Instrument :
BNA_G
ClientSampleId :
PB108811BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.6	67.1	107.1
95	30.6	11.5	51.5

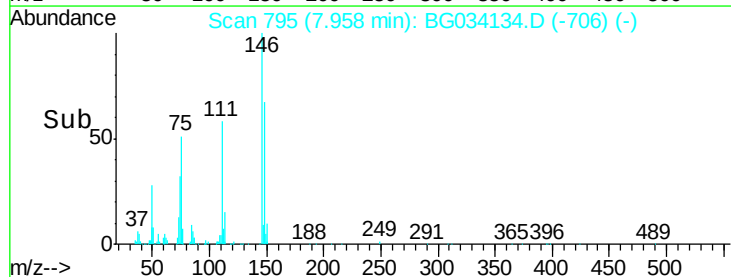
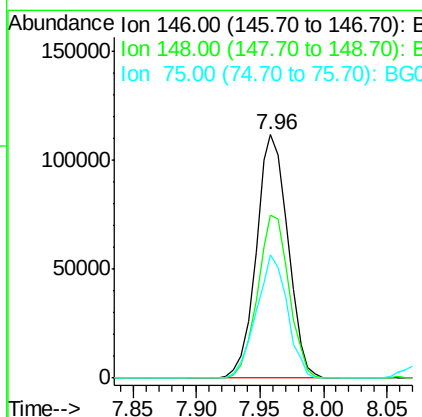
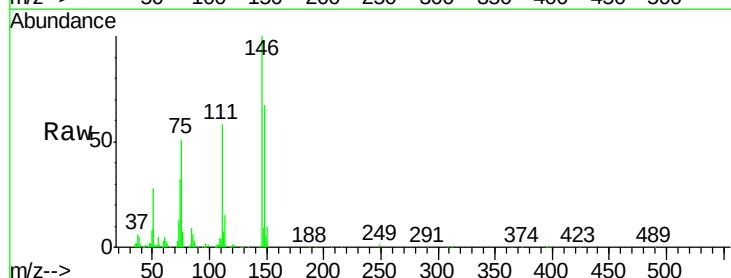
Manual Integrations
APPROVED

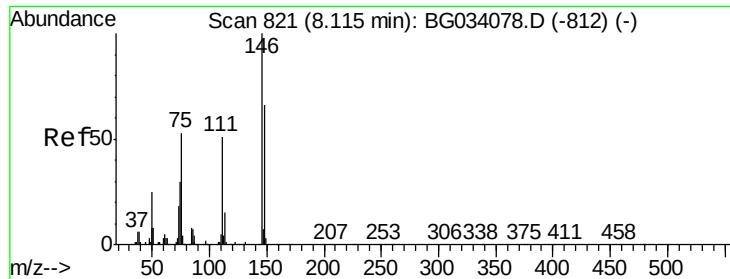
Sohil
5/3/2018 4:59:37 PM



#12
1,3-Dichlorobenzene
Concen: 35.680 ng
RT: 7.96 min Scan# 795
Delta R.T. -0.01 min
Lab File: BG034134.D
Acq: 3 May 2018 2:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.9	51.4	77.2
75	50.7	26.6	39.8





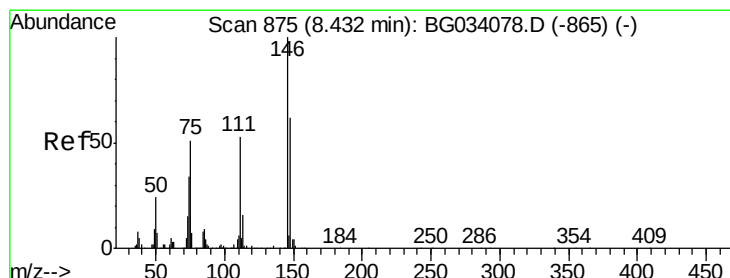
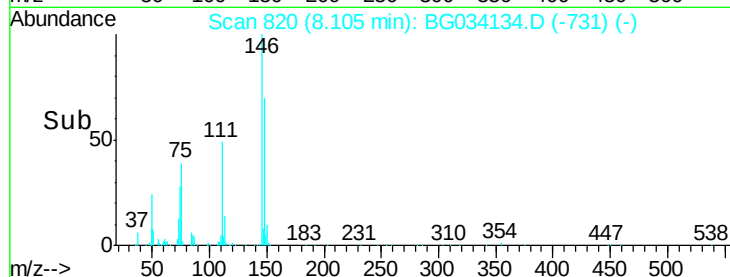
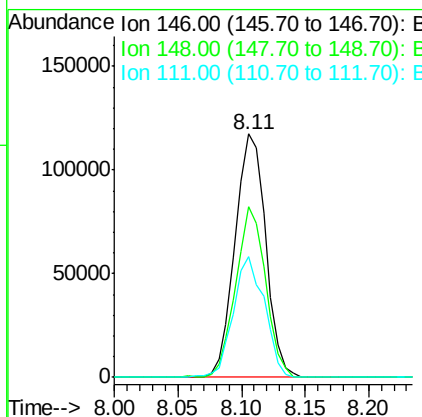
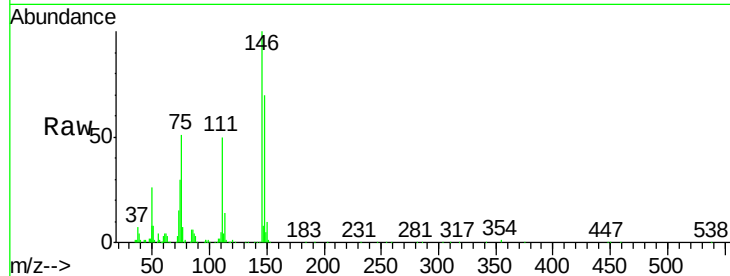
#13
1,4-Dichlorobenzene
Concen: 36.438 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.01 min
Lab File: BG034134.D
Acq: 3 May 2018 2:31

Instrument :
BNA_G
ClientSampleId :
PB108811BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	70.0	53.7	80.5
111	49.6	35.2	52.8

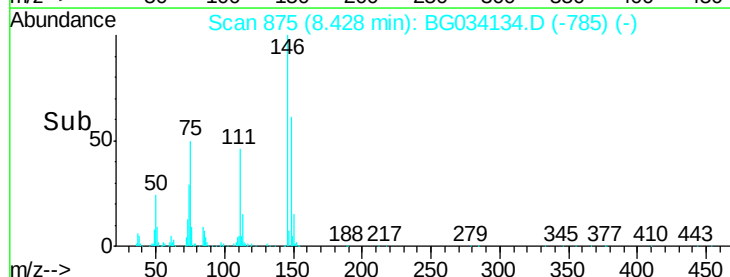
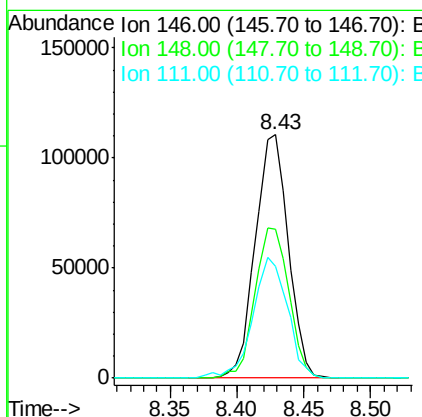
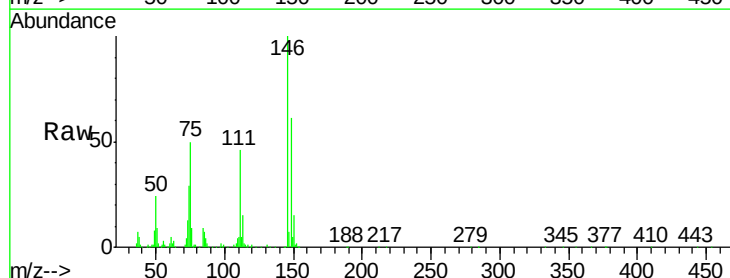
Manual Integrations
APPROVED

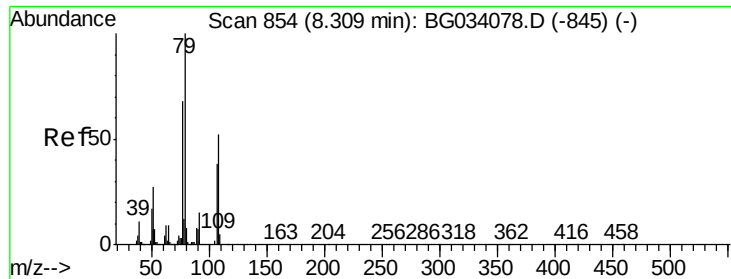
Sohil
5/3/2018 4:59:37 PM



#14
1,2-Dichlorobenzene
Concen: 36.825 ng
RT: 8.43 min Scan# 875
Delta R.T. -0.00 min
Lab File: BG034134.D
Acq: 3 May 2018 2:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.3	49.3	73.9
111	46.1	34.3	51.5





#15

Benzyl Alcohol

Concen: 40.659 ng

RT: 8.31 min Scan# 854

Delta R.T. -0.00 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

Instrument :

BNA_G

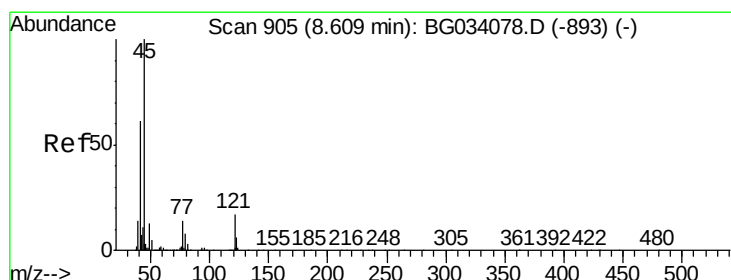
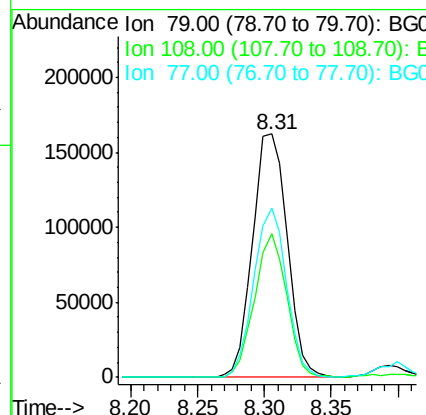
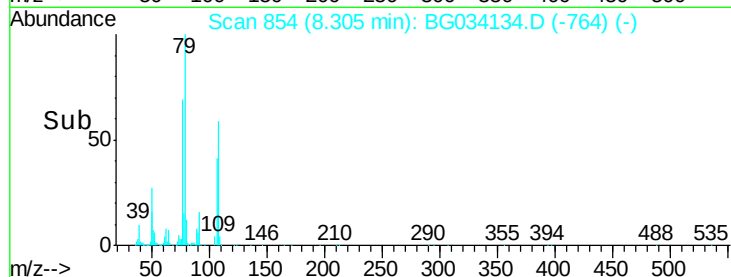
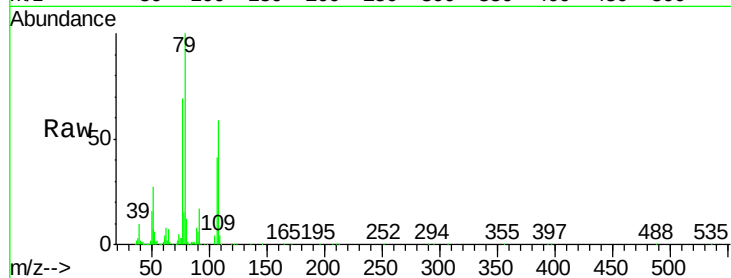
ClientSampleId :

PB108811BS

Tot Ion:	79	Resp:	290966
Ion Ratio	Lower	Upper	
79	100		
108	59.2	57.2	85.8
77	69.3	46.1	69.1#

Manual Integrations
APPROVED

Sohil
5/3/2018 4:59:37 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.526 ng

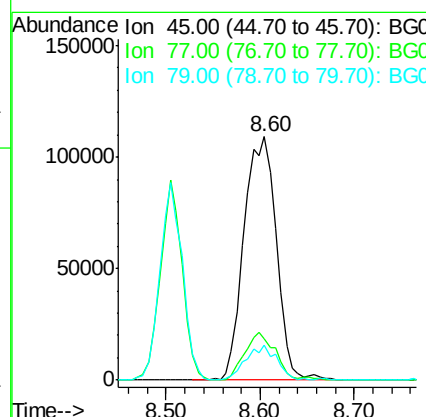
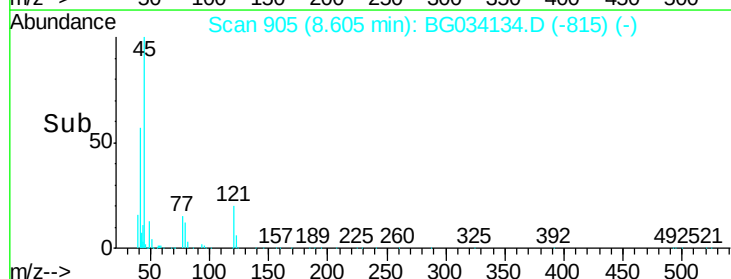
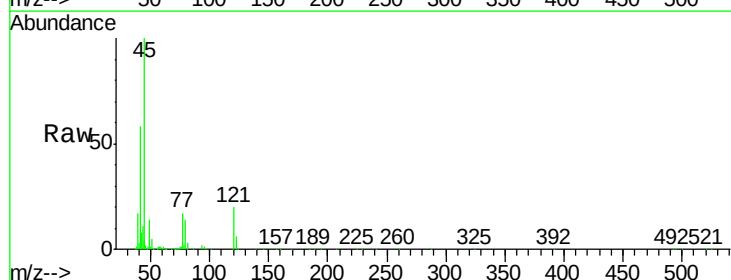
RT: 8.60 min Scan# 905

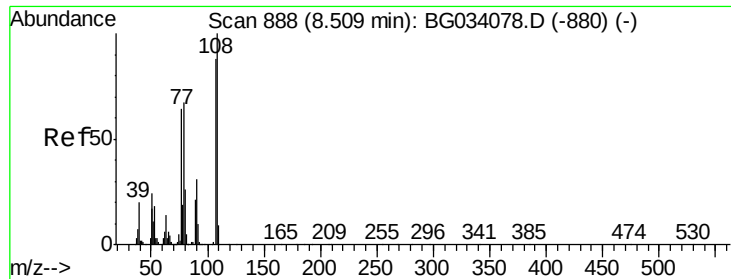
Delta R.T. -0.00 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

Tgt Ion:	45	Resp:	260367
Ion Ratio	Lower	Upper	
45	100		
77	16.9	0.0	30.2
79	14.3	0.0	27.9





#17

2-Methylphenol

Concen: 43.308 ng

RT: 8.50 min Scan# 888

Delta R.T. -0.00 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

Instrument :

BNA_G

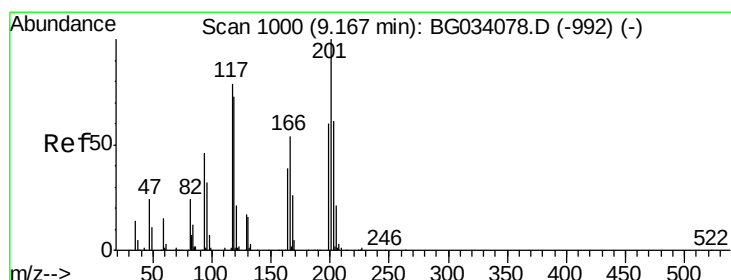
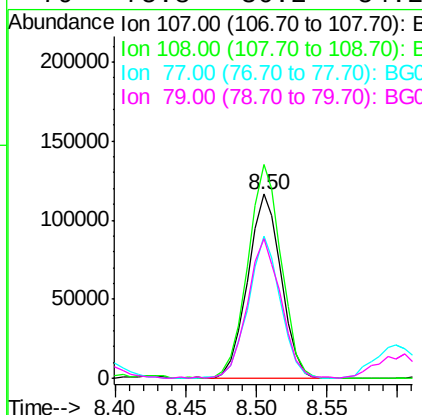
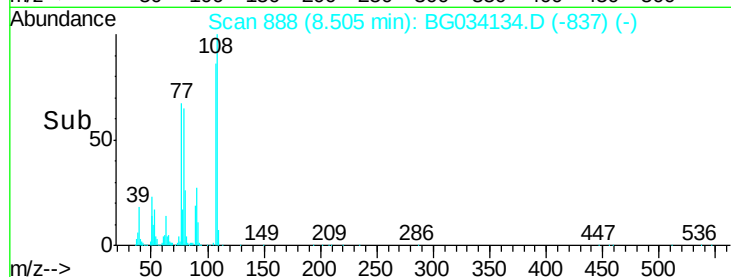
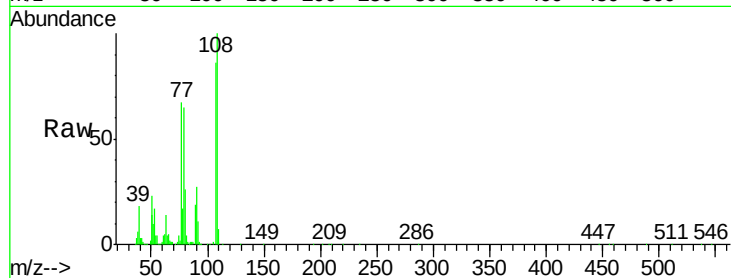
ClientSampleId :

PB108811BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.9	83.9	125.9	
77	77.1	37.2	55.8	
79	75.8	36.2	54.2	

Manual Integrations
APPROVED

Sohil
5/3/2018 4:59:37 PM



#18

Hexachloroethane

Concen: 36.290 ng

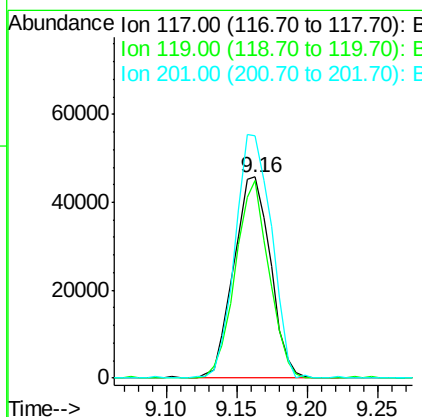
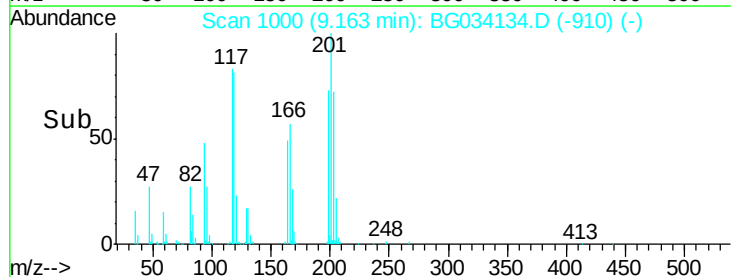
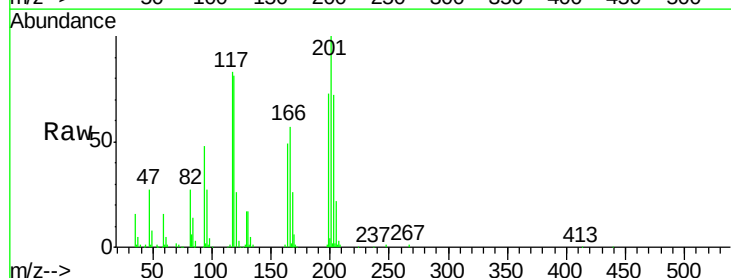
RT: 9.16 min Scan# 1000

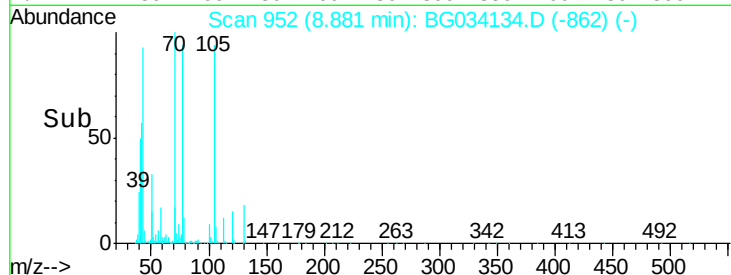
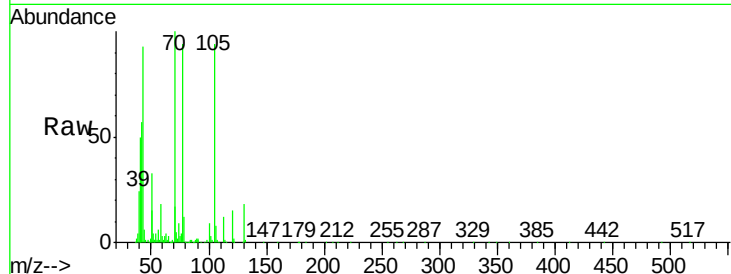
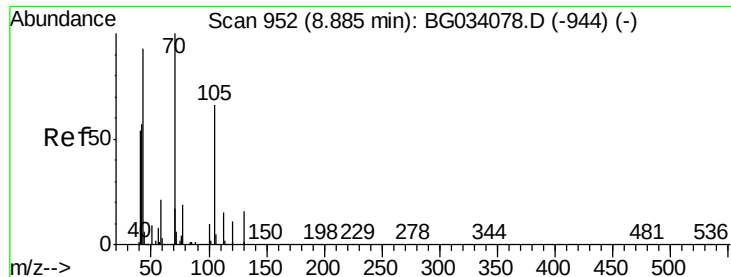
Delta R.T. -0.00 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.2	76.7	115.1	
201	123.3	95.7	143.5	





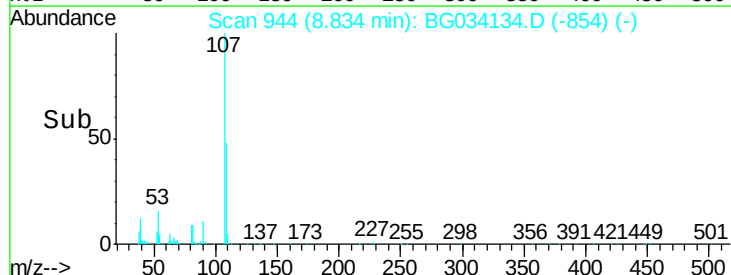
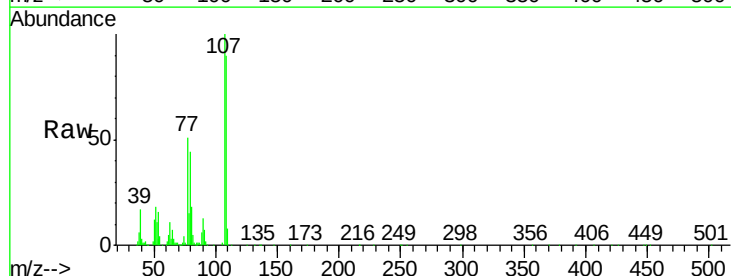
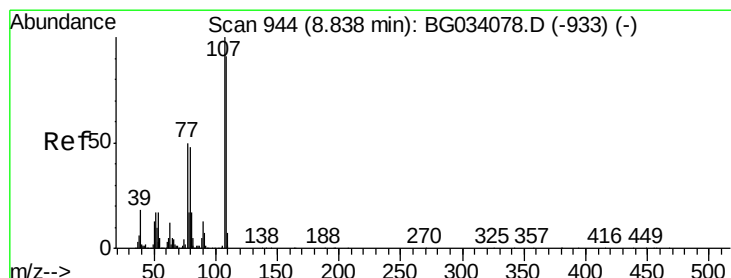
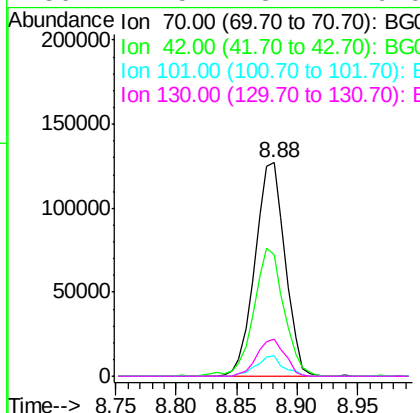
#19
n-Nitroso-di-n-propylamine
Concen: 36.495 ng
RT: 8.88 min Scan# 952
Delta R.T. -0.00 min
Lab File: BG034134.D
Acq: 3 May 2018 2:31

Instrument :
BNA_G
ClientSampleId :
PB108811BS

Manual Integrations
APPROVED

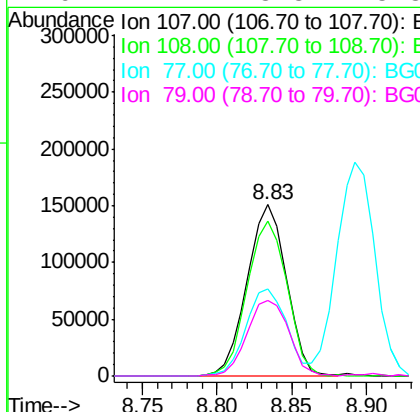
Sohil
5/3/2018 4:59:37 PM

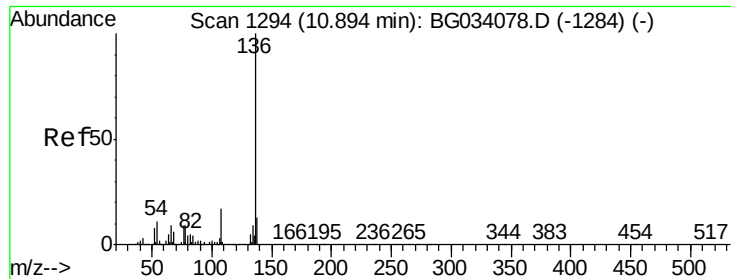
Tot Ion	Ratio	Lower	Upper
70	100		
42	56.9	49.1	73.7
101	9.5	8.5	12.7
130	17.5	13.4	20.0



#20
3+4-Methylphenols
Concen: 41.764 ng
RT: 8.83 min Scan# 944
Delta R.T. -0.00 min
Lab File: BG034134.D
Acq: 3 May 2018 2:31

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.5	61.6	101.6
77	50.6	13.9	53.9
79	44.1	8.8	48.8





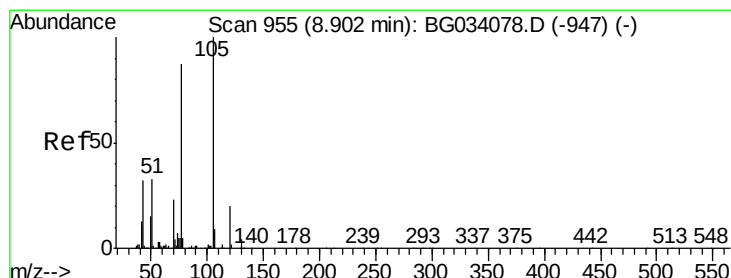
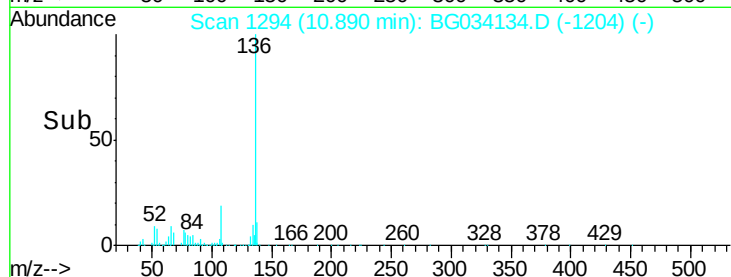
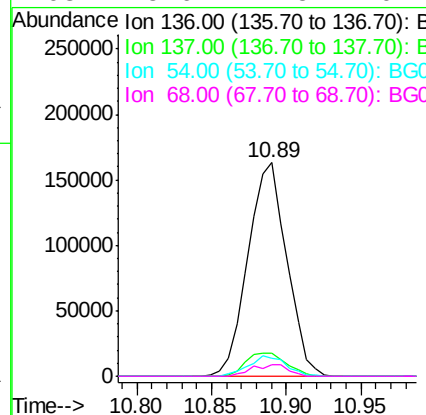
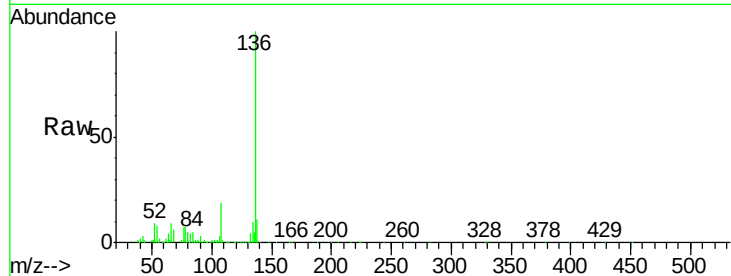
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG034134.D
Acq: 3 May 2018 2:31

Instrument :
BNA_G
ClientSampleId :
PB108811BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	293223		
137	10.9	9.2	13.8	
54	8.5	10.3	15.5	
68	5.6	4.5	6.7	

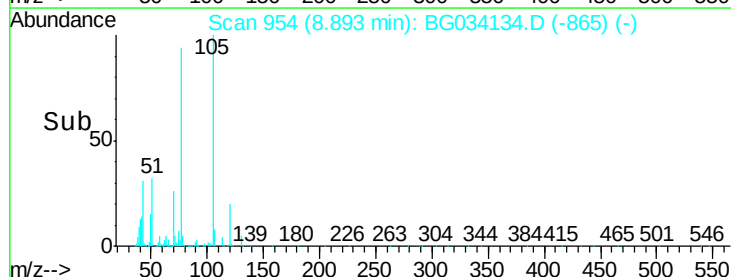
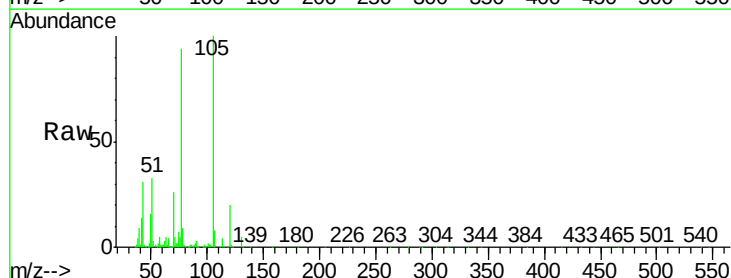
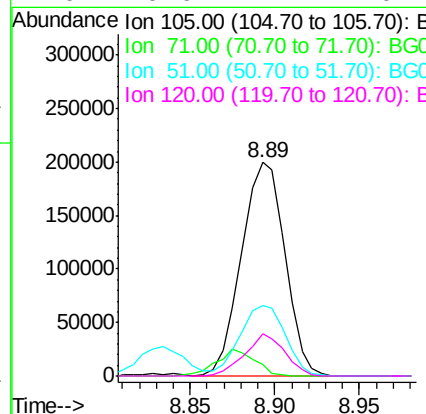
Manual Integrations
APPROVED

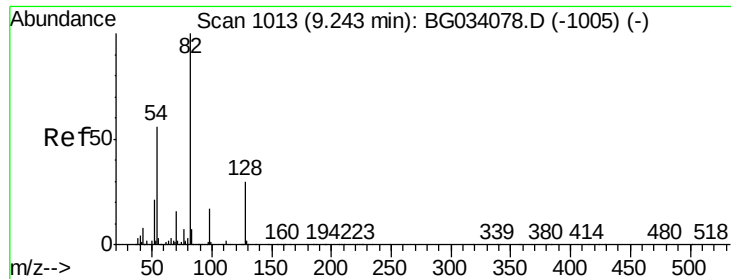
Sohil
5/3/2018 4:59:37 PM



#22
Acetophenone
Concen: 35.902 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.01 min
Lab File: BG034134.D
Acq: 3 May 2018 2:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	358593		
71	5.1	3.0	4.4	
51	32.8	26.1	39.1	
120	19.6	17.4	26.2	





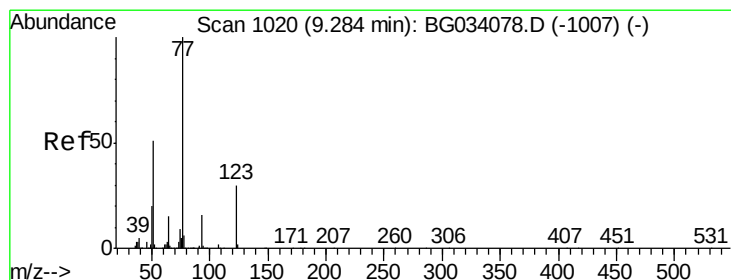
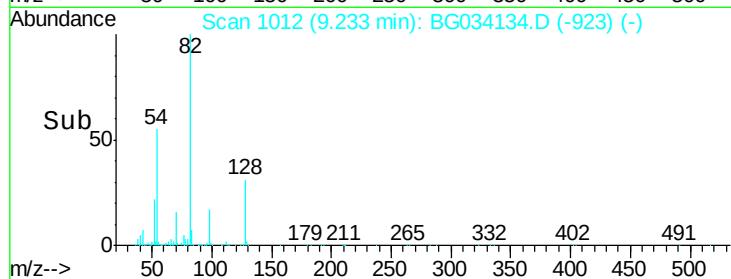
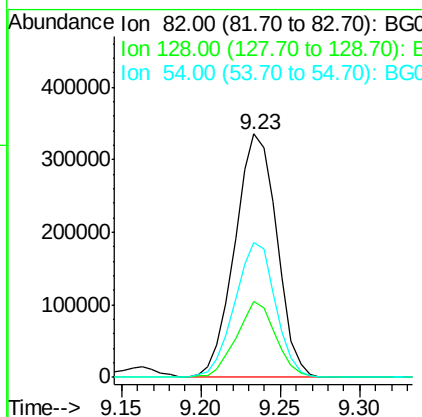
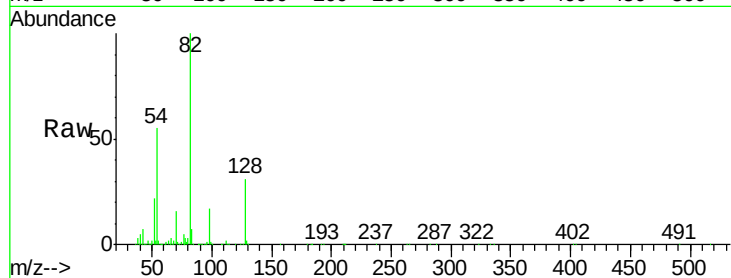
#23
Nitrobenzene-d5
Concen: 80.775 ng
RT: 9.23 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BG034134.D
Acq: 3 May 2018 2:31

Instrument :
BNA_G
ClientSampleId :
PB108811BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	31.2	29.7	44.5
54	55.4	43.1	64.7

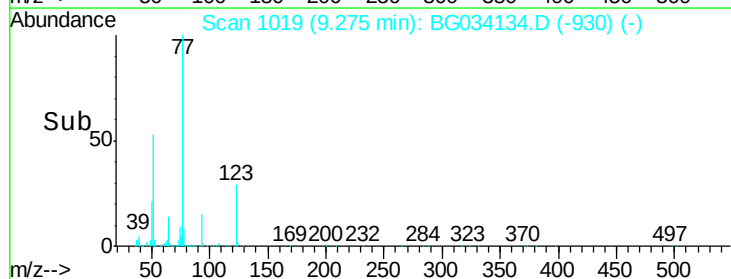
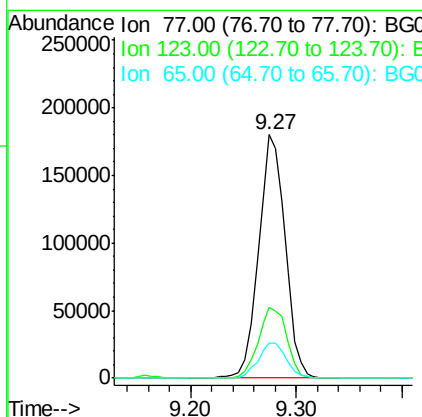
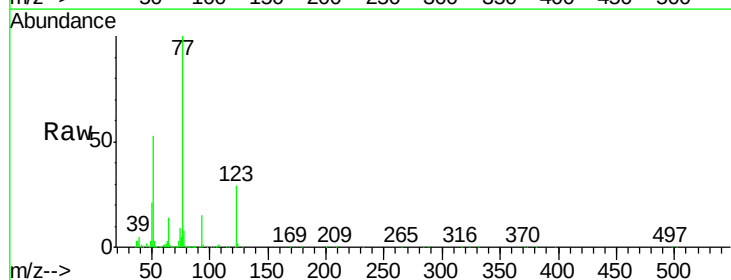
Manual Integrations
APPROVED

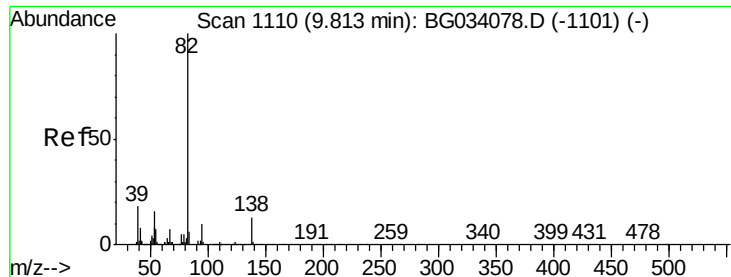
Sohil
5/3/2018 4:59:37 PM



#24
Nitrobenzene
Concen: 37.667 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG034134.D
Acq: 3 May 2018 2:31

Tgt Ion	Ratio	Lower	Upper
77	100		
123	28.9	33.0	49.6#
65	14.3	13.0	19.6





#25

Isophorone

Concen: 39.554 ng

RT: 9.80 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

Instrument :

BNA_G

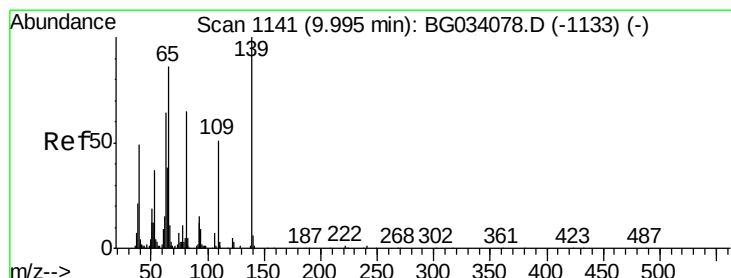
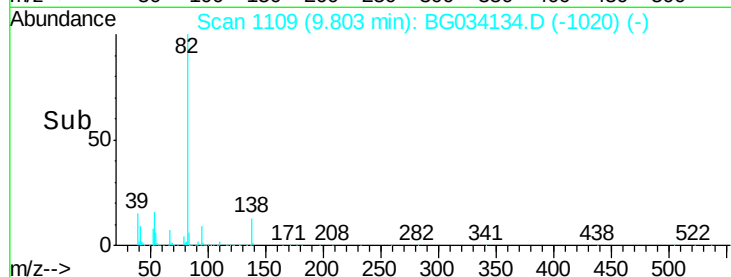
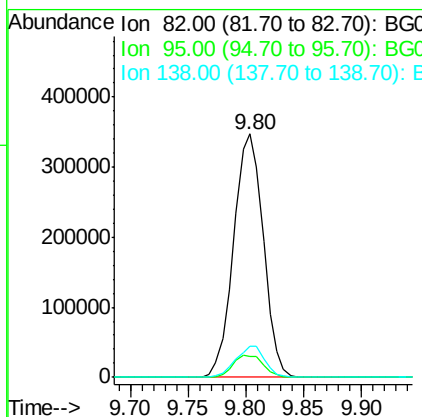
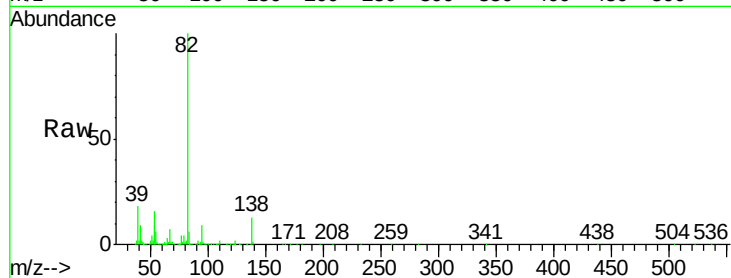
ClientSampleId :

PB108811BS

Tot Ion:	82	Resp:	616662
Ion Ratio	Lower	Upper	
82	100		
95	8.5	6.2	9.2
138	13.0	12.1	18.1

Manual Integrations
APPROVED

Sohil
5/3/2018 4:59:37 PM



#26

2-Nitrophenol

Concen: 42.060 ng

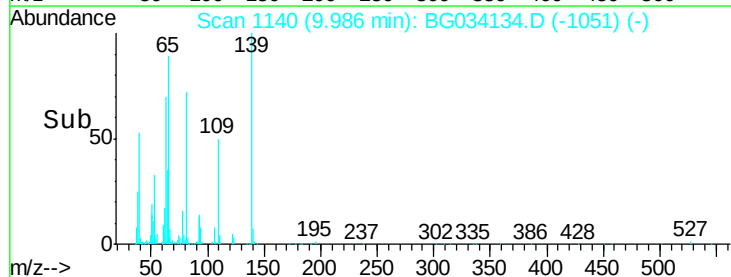
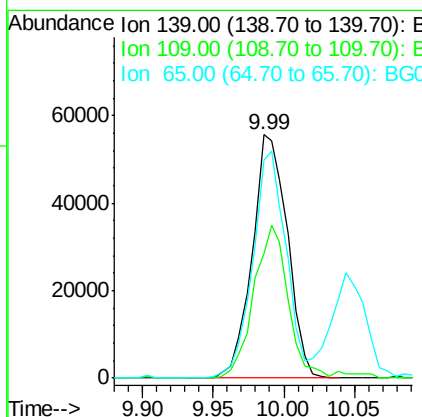
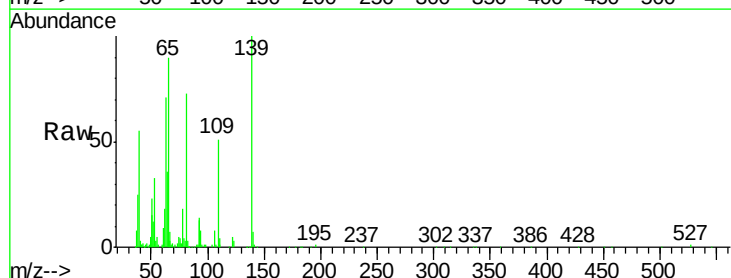
RT: 9.99 min Scan# 1140

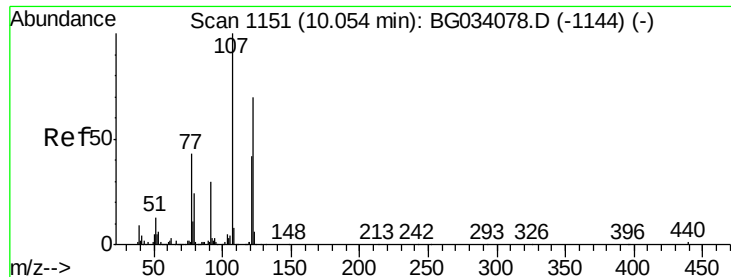
Delta R.T. -0.01 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

Tgt Ion:	139	Resp:	97402
Ion Ratio	Lower	Upper	
139	100		
109	51.3	24.2	36.2#
65	89.5	47.4	71.0#





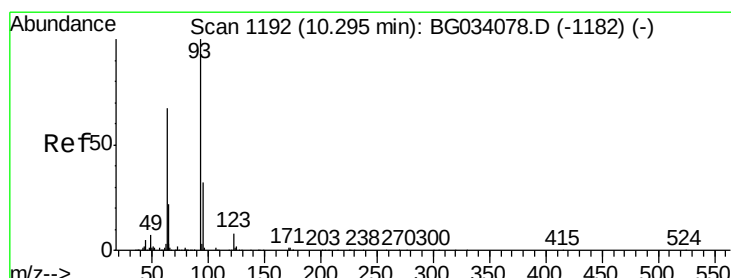
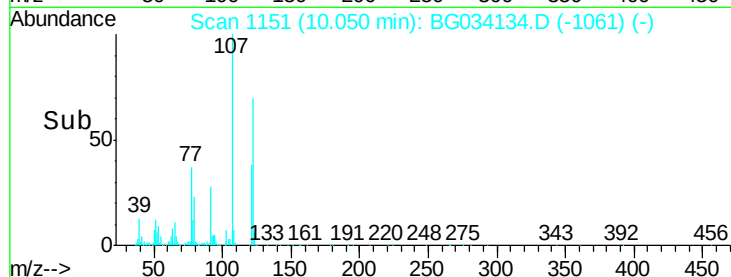
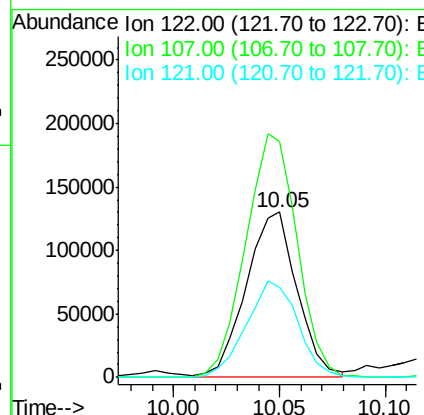
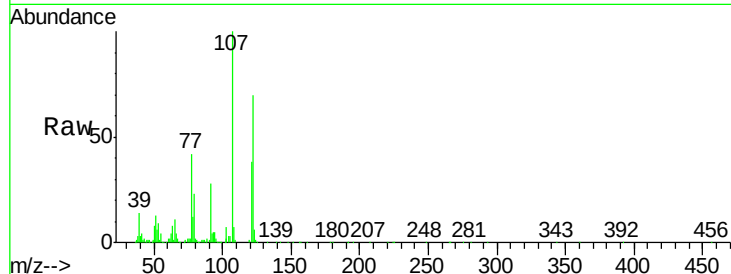
#27
2,4-Dimethylphenol
Concen: 48.189 ng
RT: 10.05 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BG034134.D
Acq: 3 May 2018 2:31

Instrument :
BNA_G
ClientSampleId :
PB108811BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	142.9	100.2	150.2
121	54.4	44.4	66.6

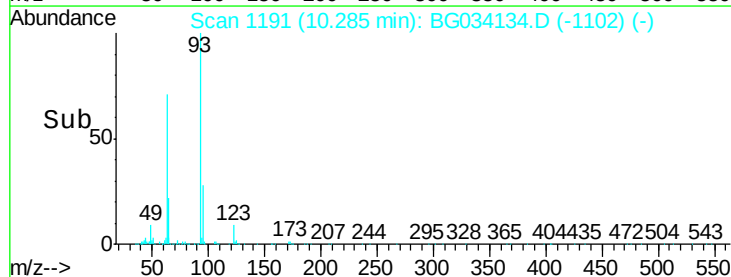
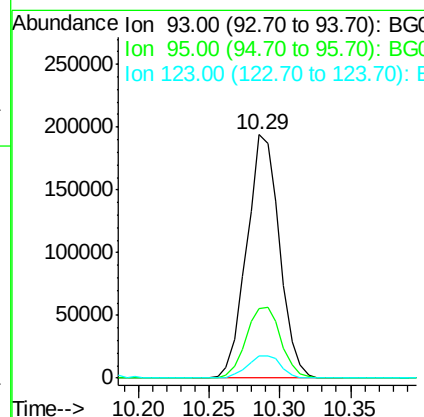
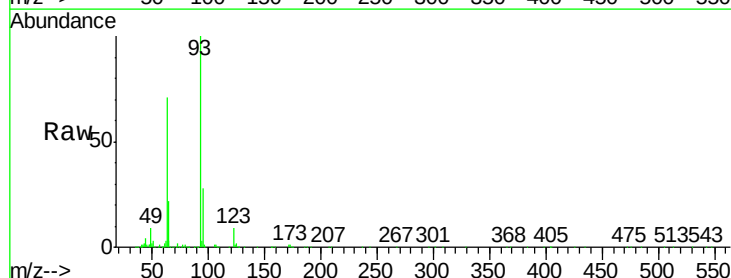
Manual Integrations
APPROVED

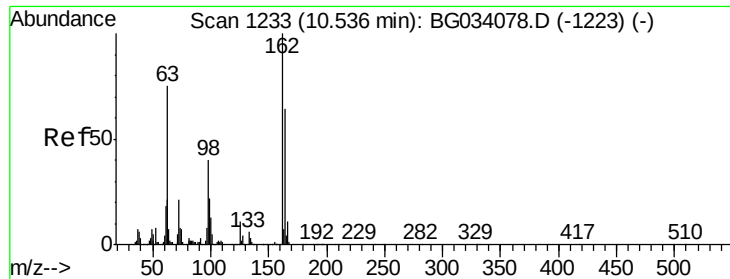
Sohil
5/3/2018 4:59:37 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.109 ng
RT: 10.29 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BG034134.D
Acq: 3 May 2018 2:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	28.4	24.3	36.5
123	8.9	8.4	12.6





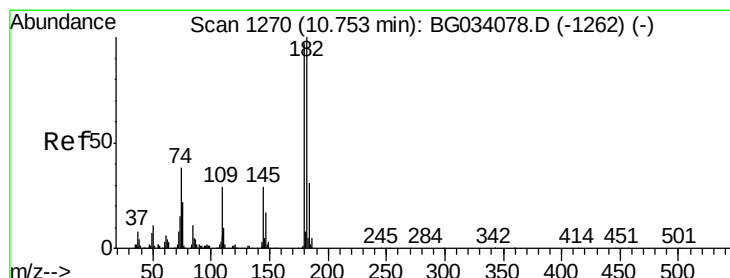
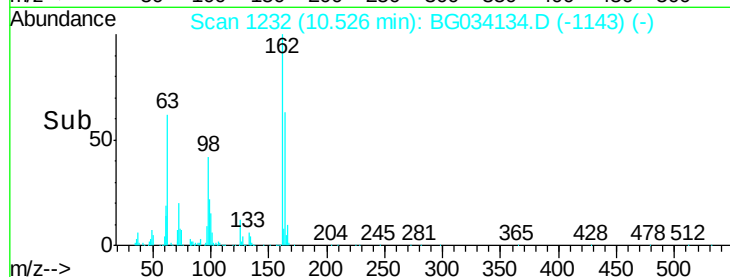
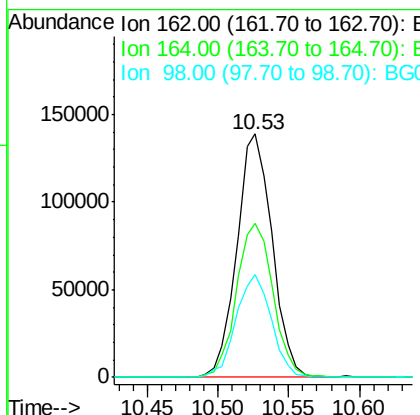
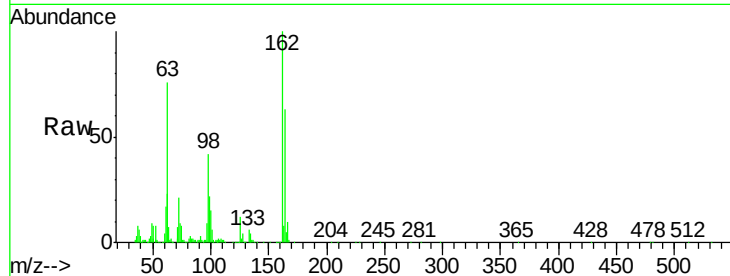
#29
2,4-Dichlorophenol
Concen: 45.154 ng
RT: 10.53 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BG034134.D
Acq: 3 May 2018 2:31

Instrument :
BNA_G
ClientSampleId :
PB108811BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.0	48.0	88.0
98	42.4	21.1	61.1

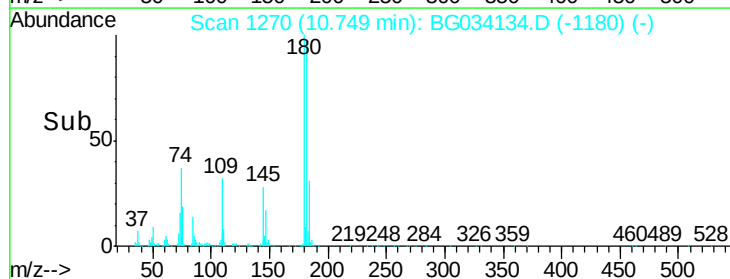
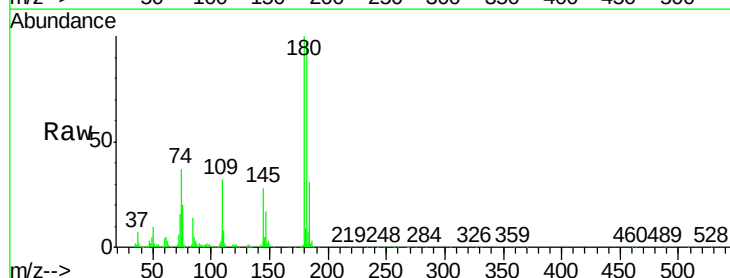
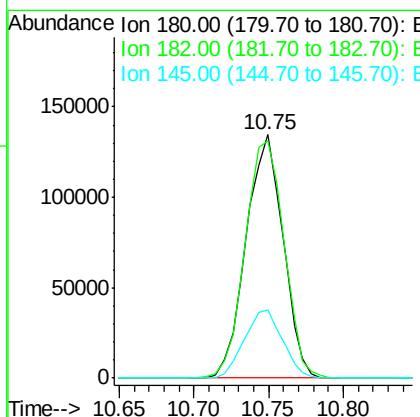
Manual Integrations
APPROVED

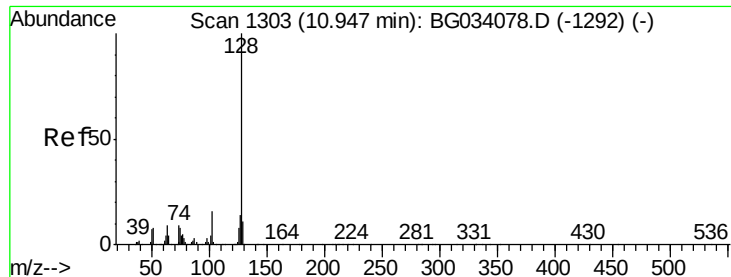
Sohil
5/3/2018 4:59:37 PM



#30
1,2,4-Trichlorobenzene
Concen: 35.545 ng
RT: 10.75 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BG034134.D
Acq: 3 May 2018 2:31

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	97.4	77.5	116.3
145	28.3	23.4	35.2





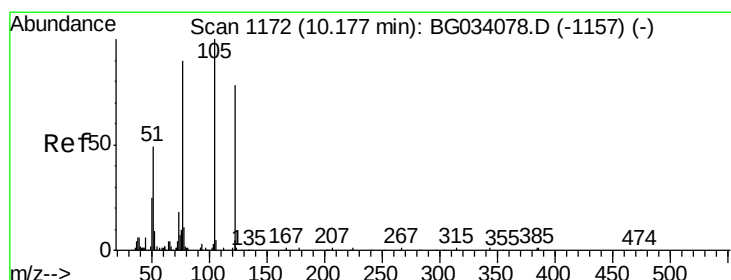
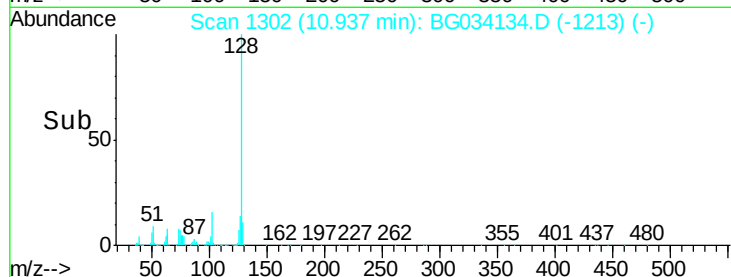
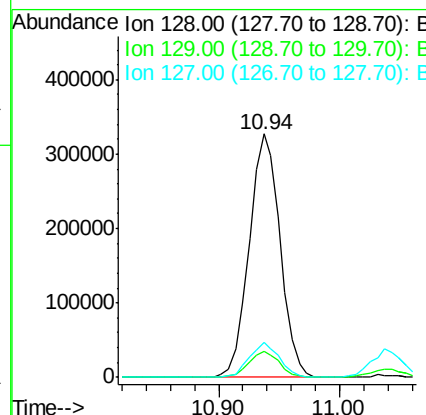
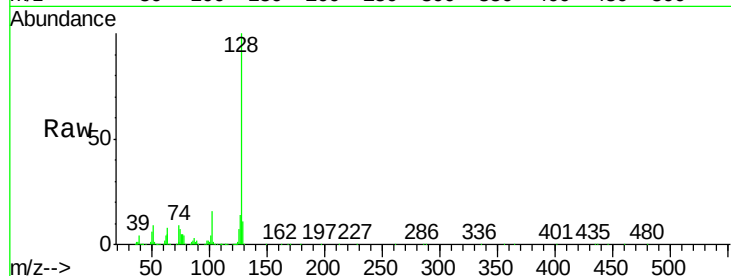
#31
Naphthalene
Concen: 37.728 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG034134.D
Acq: 3 May 2018 2:31

Instrument :
BNA_G
ClientSampleId :
PB108811BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	12.8
127	14.4	11.6	17.4

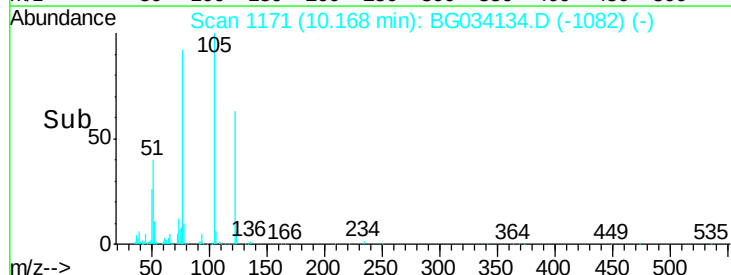
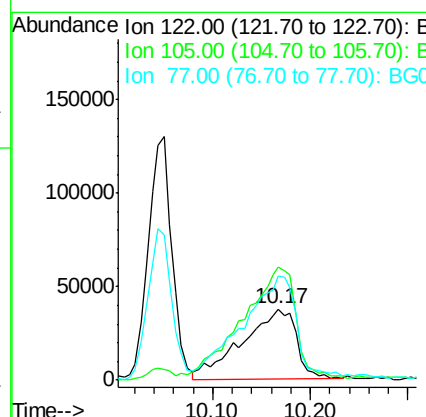
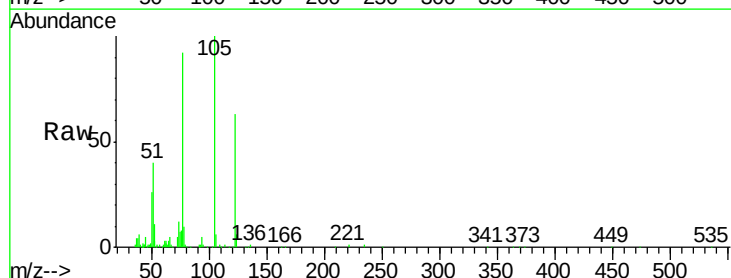
Manual Integrations
APPROVED

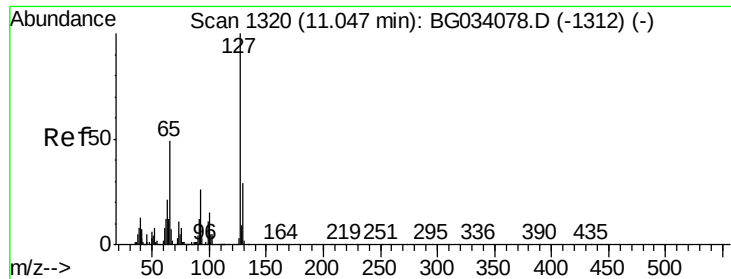
Sohil
5/3/2018 4:59:37 PM



#32
Benzoic acid
Concen: 37.334 ng
RT: 10.17 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BG034134.D
Acq: 3 May 2018 2:31

Tgt Ion	Ratio	Lower	Upper
122	100		
105	159.8	123.5	163.5
77	147.5	85.7	125.7#





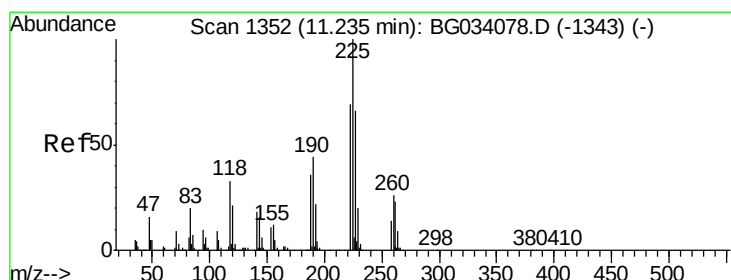
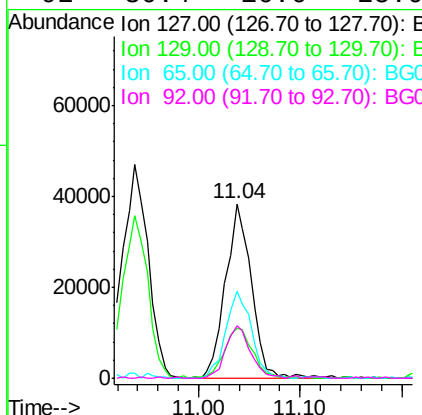
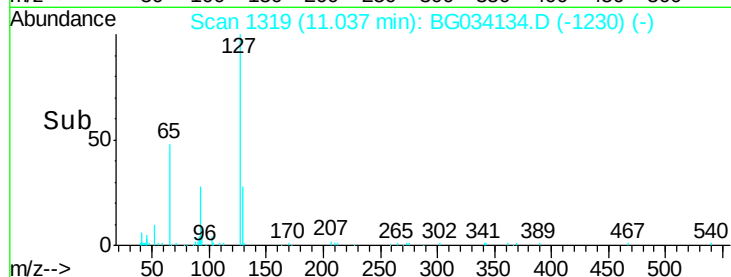
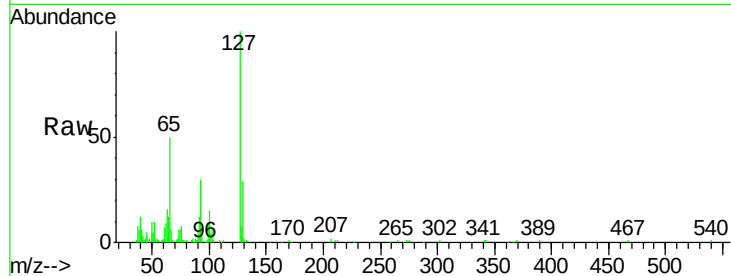
#33
4-Chloroaniline
Concen: 9.859 ng
RT: 11.04 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG034134.D
Acq: 3 May 2018 2:31

Instrument :
BNA_G
ClientSampleId :
PB108811BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	28.9	24.0	36.0
65	50.0	27.0	40.4
92	30.4	16.6	25.0

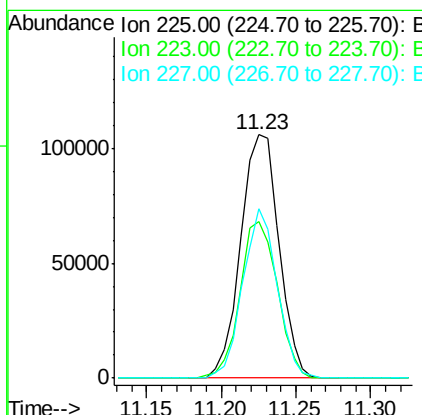
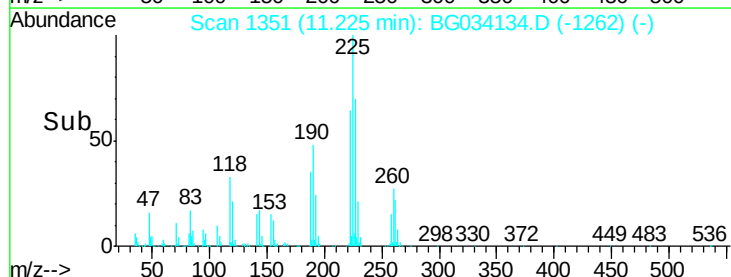
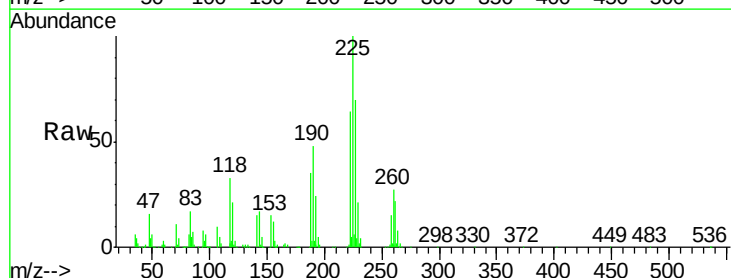
Manual Integrations
APPROVED

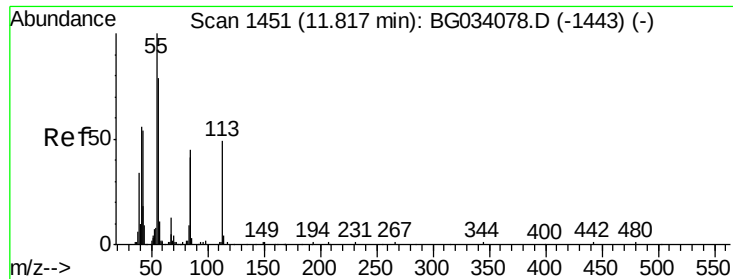
Sohil
5/3/2018 4:59:37 PM



#34
Hexachlorobutadiene
Concen: 34.320 ng
RT: 11.23 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BG034134.D
Acq: 3 May 2018 2:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	49.7	74.5
227	69.8	48.1	72.1





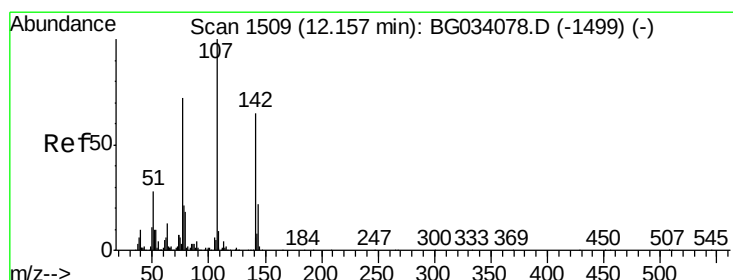
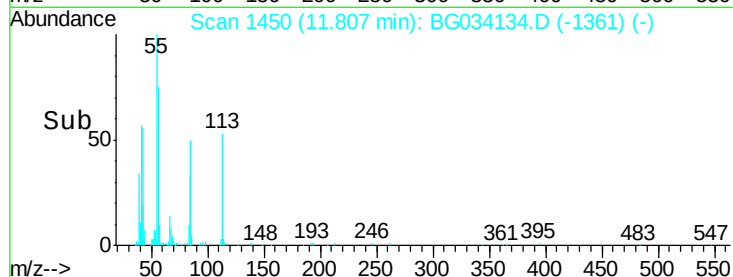
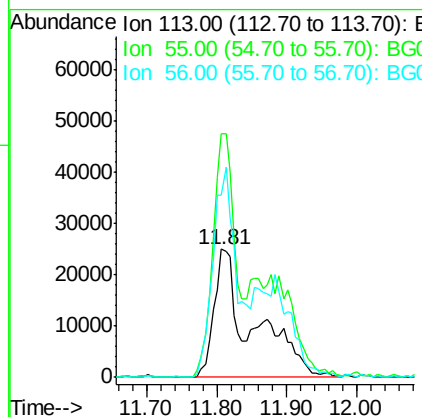
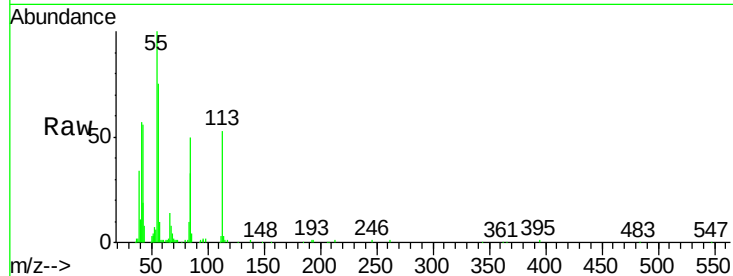
#35
 Caprolactam
 Concen: 49.561 ng/ml
 RT: 11.81 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BG034134.D
 Acq: 3 May 2018 2:31

Instrument :
 BNA_G
 ClientSampleId :
 PB108811BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	190.0		186.9	226.9	
56	141.9		130.9	170.9	

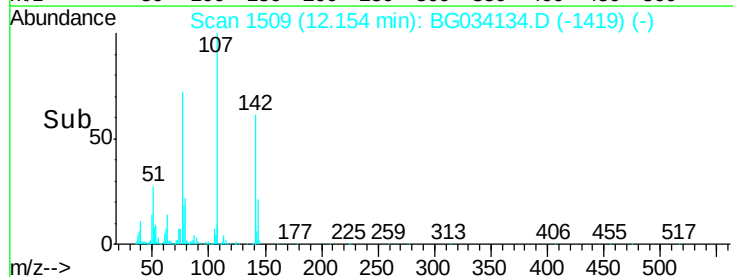
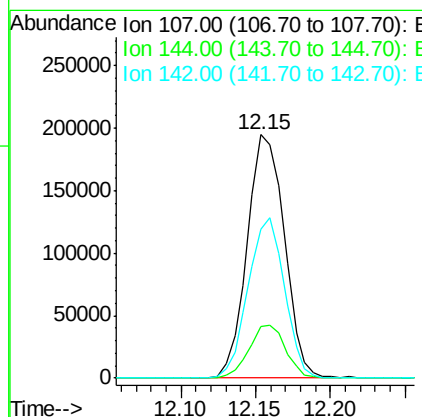
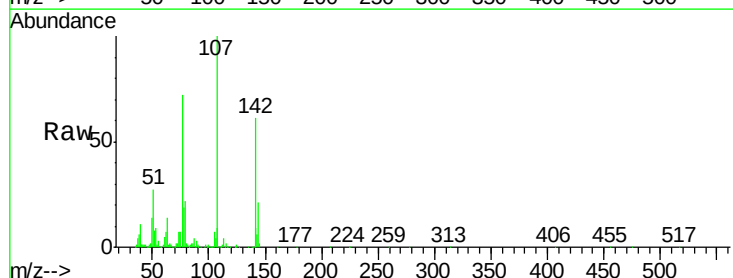
Manual Integrations
 APPROVED

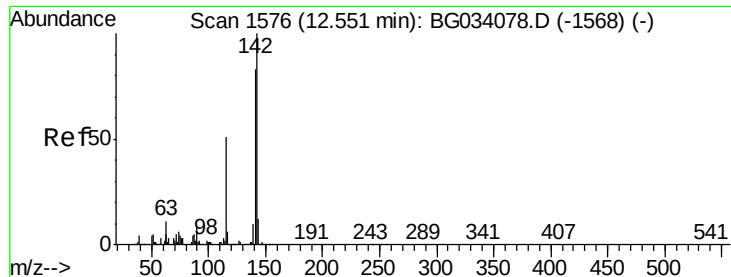
Sohil
 5/3/2018 4:59:37 PM



#36
 4-Chloro-3-methylphenol
 Concen: 48.127 ng/ml
 RT: 12.15 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: BG034134.D
 Acq: 3 May 2018 2:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	21.3		18.2	27.4	
142	61.4		59.0	88.4	





#37

2-Methylnaphthalene

Concen: 39.204 ng

RT: 12.54 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

Instrument :

BNA_G

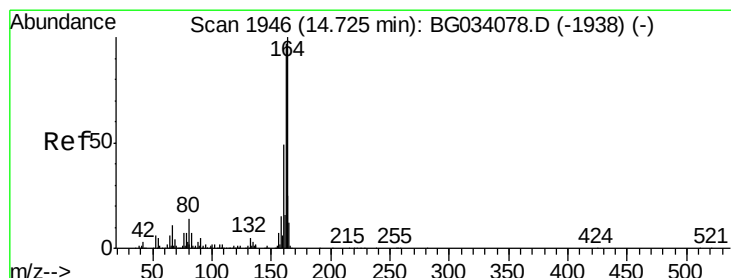
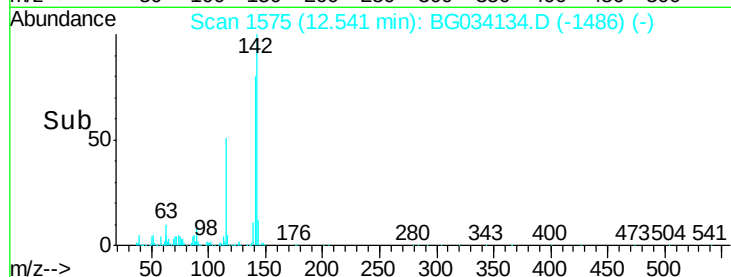
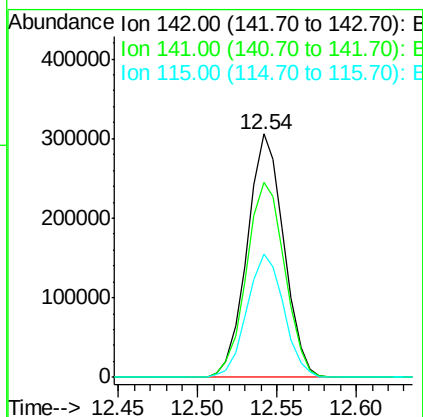
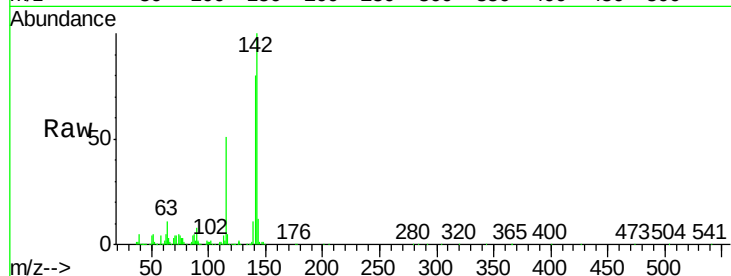
ClientSampleId :

PB108811BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	489928		
141	80.2	67.1	100.7	
115	50.8	30.7	46.1	

Manual Integrations
APPROVED

Sohil
5/3/2018 4:59:37 PM



#38

Acenaphthene-d10

Concen: 20.000 ng

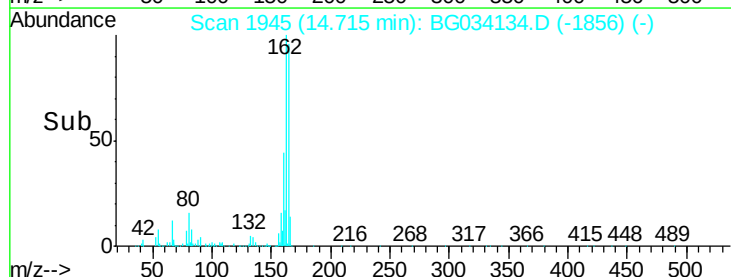
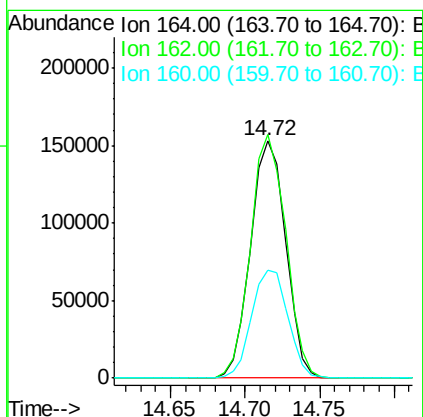
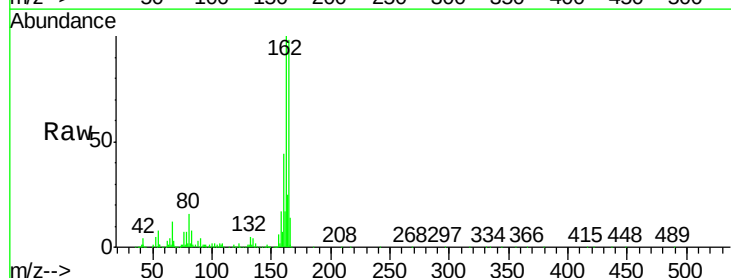
RT: 14.72 min Scan# 1945

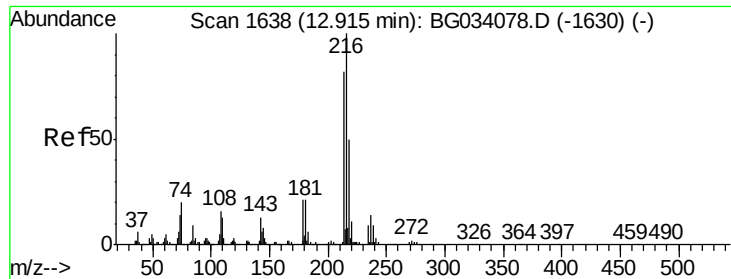
Delta R.T. -0.01 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	249092		
162	102.5	78.8	118.2	
160	45.5	35.4	53.0	





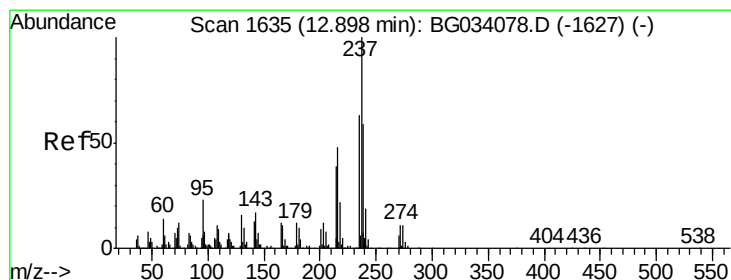
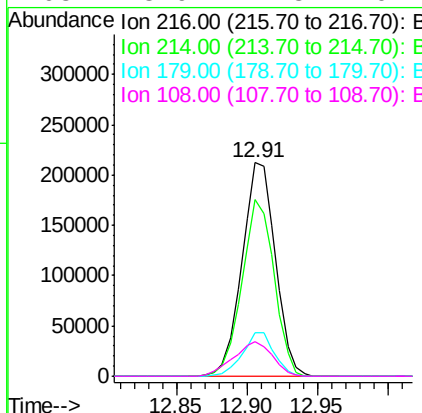
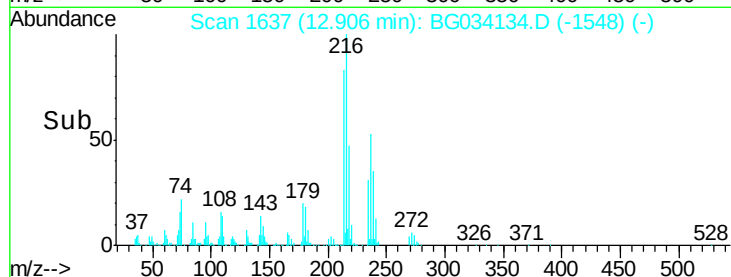
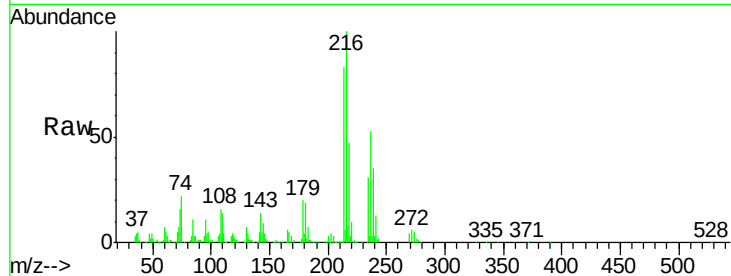
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.414 ng
 RT: 12.91 min Scan# 1637
 Delta R.T. -0.01 min
 Lab File: BG034134.D
 Acq: 3 May 2018 2:31

Instrument :
 BNA_G
 ClientSampleId :
 PB108811BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	80.1		63.0	94.4	
179	19.6		17.0	25.6	
108	18.9		12.8	19.2	

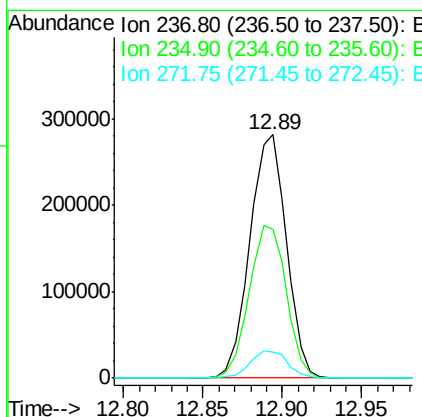
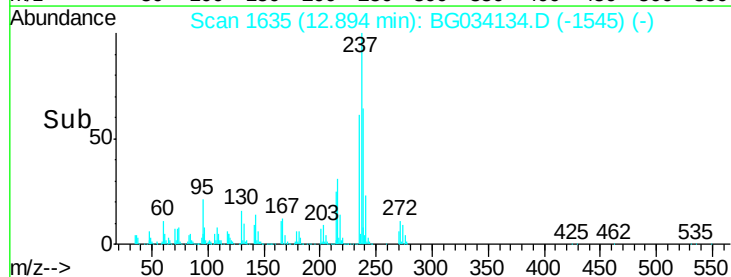
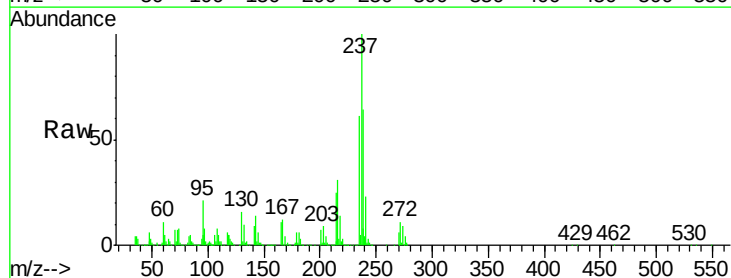
Manual Integrations
 APPROVED

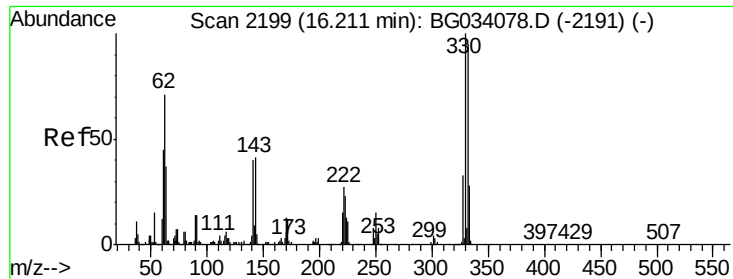
Sohil
 5/3/2018 4:59:37 PM



#40
 Hexachlorocyclopentadiene
 Concen: 79.110 ng
 RT: 12.89 min Scan# 1635
 Delta R.T. -0.00 min
 Lab File: BG034134.D
 Acq: 3 May 2018 2:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	61.3		50.4	90.4	
272	10.6		0.0	31.8	





#41

2,4,6-Tribromophenol

Concen: 135.770 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

Instrument :

BNA_G

ClientSampleId :

PB108811BS

Tot Ion:330 Resp: 468297
Ion Ratio Lower Upper

330 100

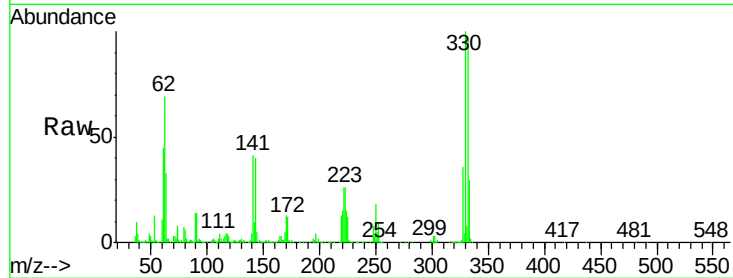
332 95.8 77.0 115.6

141 41.3 25.2 37.8#

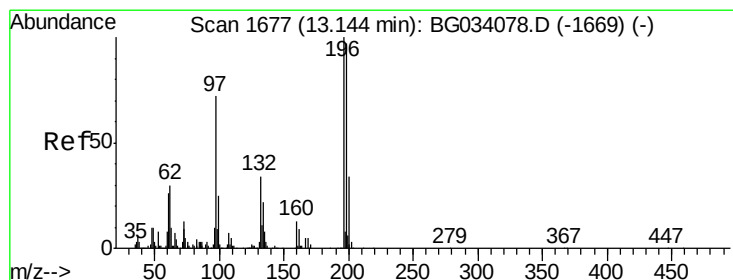
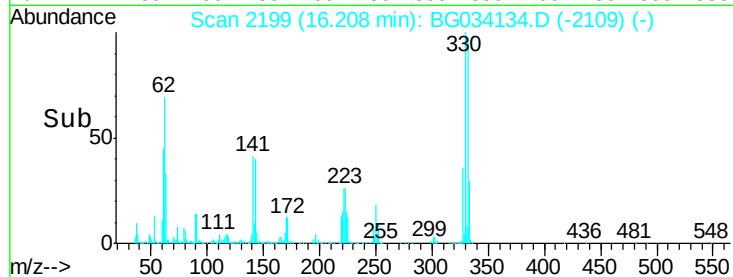
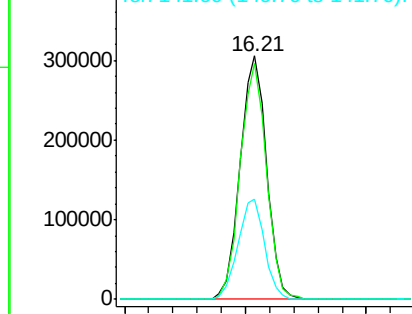
Manual Integrations
APPROVED

Sohil

5/3/2018 4:59:37 PM



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



#42

2,4,6-Trichlorophenol

Concen: 45.183 ng

RT: 13.14 min Scan# 1677

Delta R.T. -0.00 min

Lab File: BG034134.D

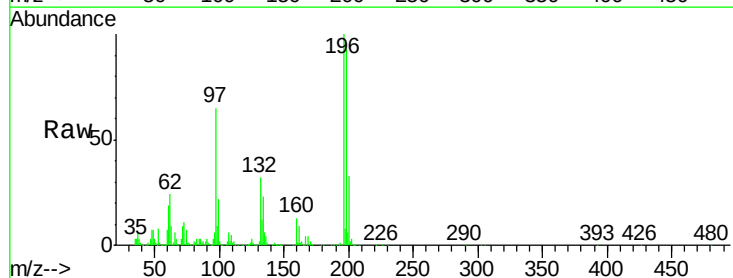
Acq: 3 May 2018 2:31

Tgt Ion:196 Resp: 253036
Ion Ratio Lower Upper

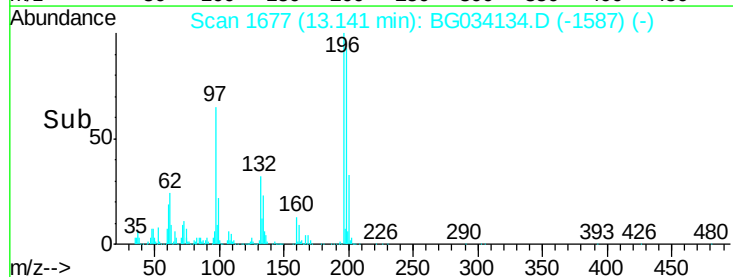
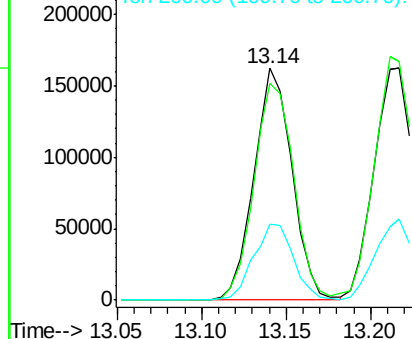
196 100

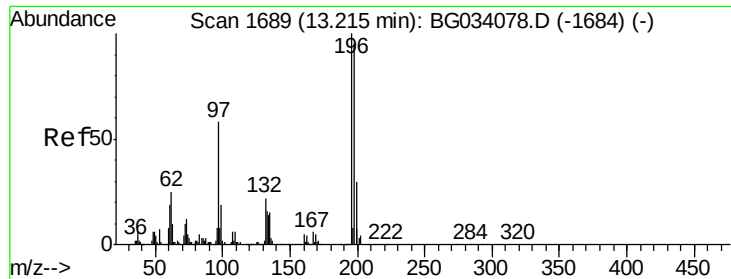
198 93.5 78.2 117.2

200 32.6 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





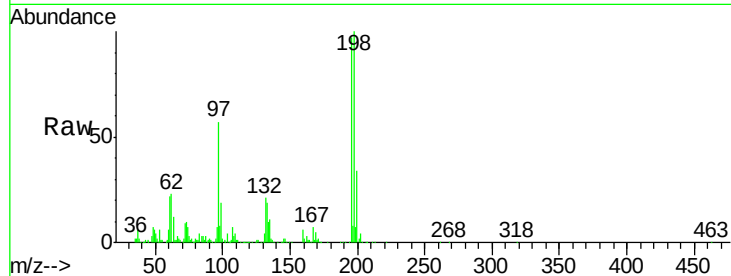
#43
2,4,5-Trichlorophenol
Concen: 43.484 ng
RT: 13.22 min Scan# 1690
Delta R.T. 0.00 min
Lab File: BG034134.D
Acq: 3 May 2018 2:31

Instrument :
BNA_G
ClientSampleId :
PB108811BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	269215		
198	102.8	76.2	114.4	
97	58.4	38.7	58.1#	
132	21.4	20.2	30.2	

Manual Integrations
APPROVED

Sohil
5/3/2018 4:59:37 PM



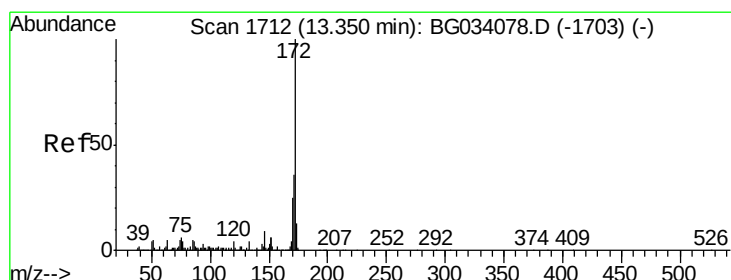
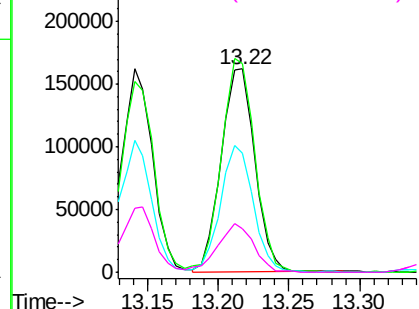
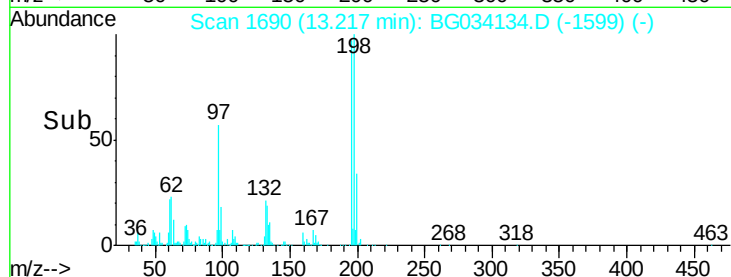
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

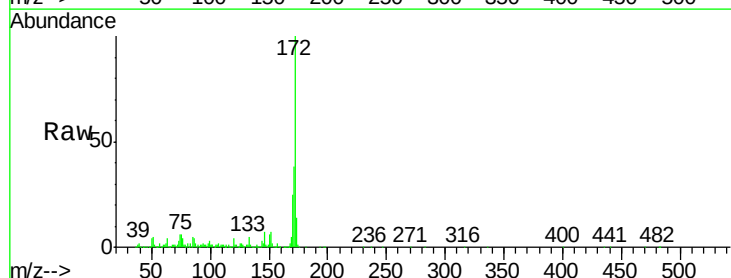
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 80.987 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG034134.D
Acq: 3 May 2018 2:31

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1384431		
171	37.5	30.0	45.0	
170	25.3	19.5	29.3	

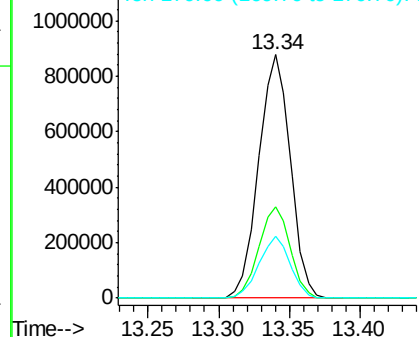
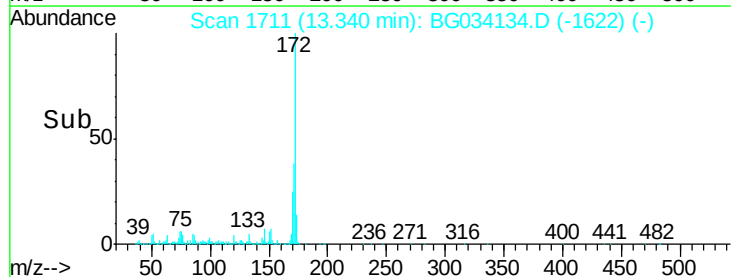


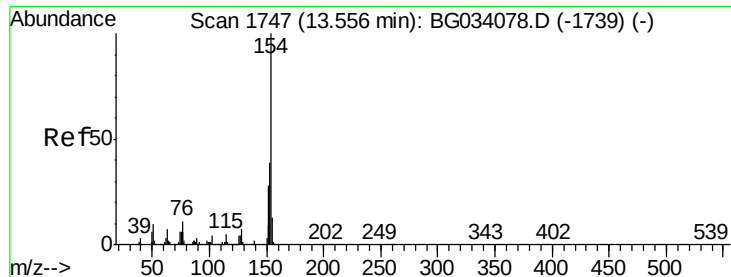
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 37.395 ng

RT: 13.55 min Scan# 1747

Delta R.T. -0.00 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

Instrument :

BNA_G

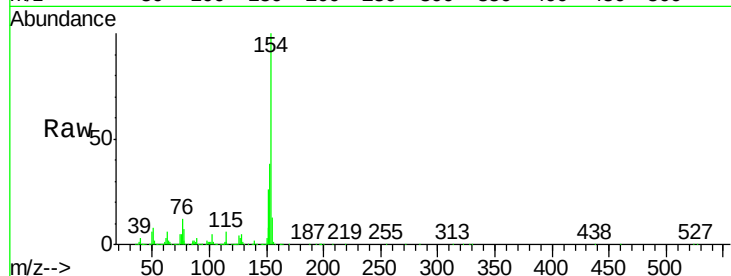
ClientSampleId :

PB108811BS

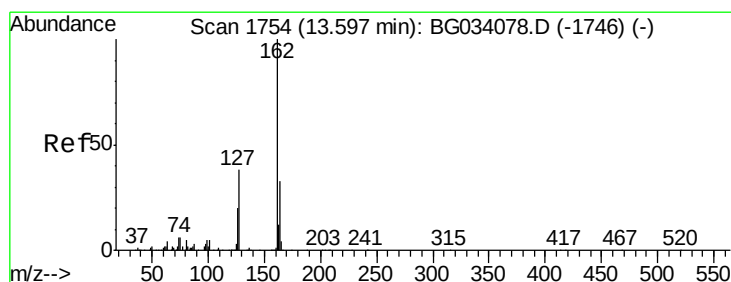
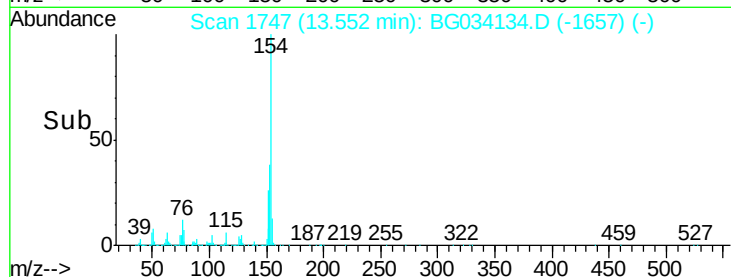
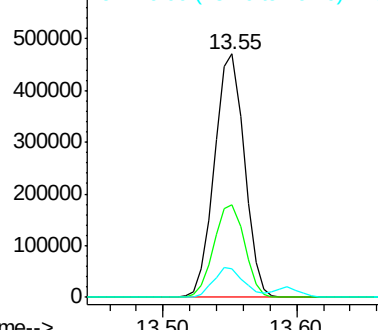
Tot Ion:	154	Resp:	727667
Ion Ratio	Lower	Upper	
154	100		
153	38.3	19.8	59.8
76	11.6	0.0	31.9

Manual Integrations
APPROVED

Sohil
5/3/2018 4:59:37 PM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): B



#46

2-Chloronaphthalene

Concen: 37.244 ng

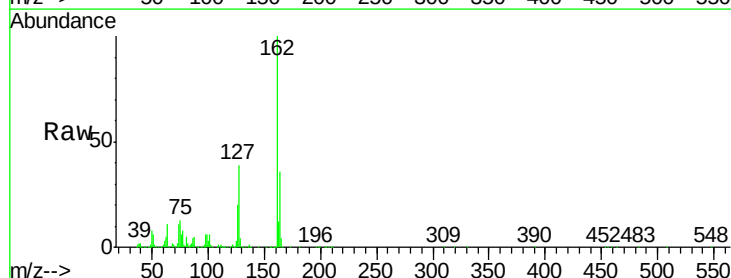
RT: 13.59 min Scan# 1754

Delta R.T. -0.00 min

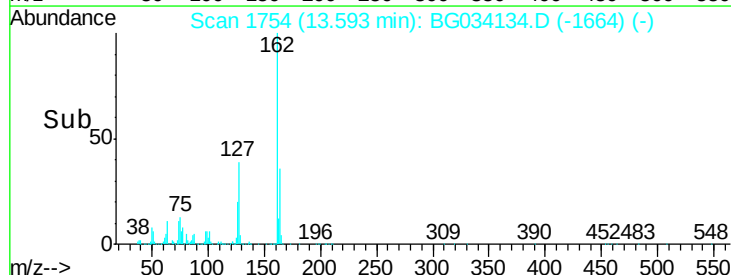
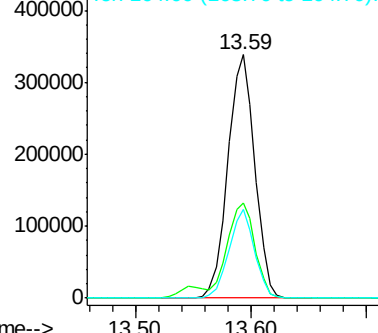
Lab File: BG034134.D

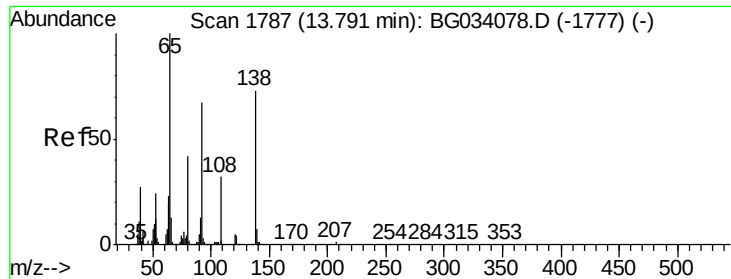
Acq: 3 May 2018 2:31

Tgt Ion:	162	Resp:	548687
Ion Ratio	Lower	Upper	
162	100		
127	39.2	30.7	46.1
164	36.4	26.0	39.0



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 44.774 ng

RT: 13.79 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

Instrument :

BNA_G

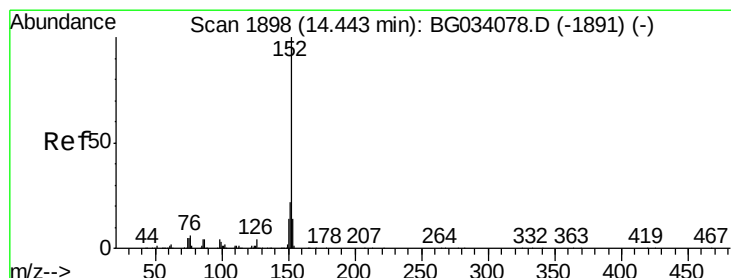
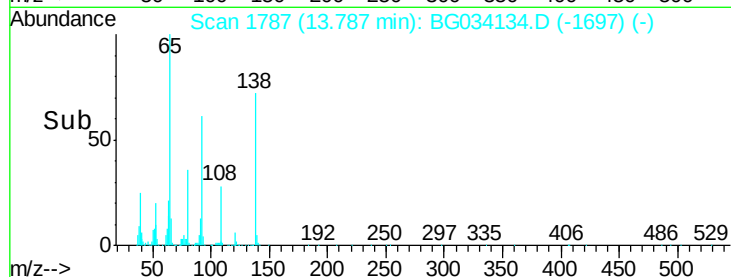
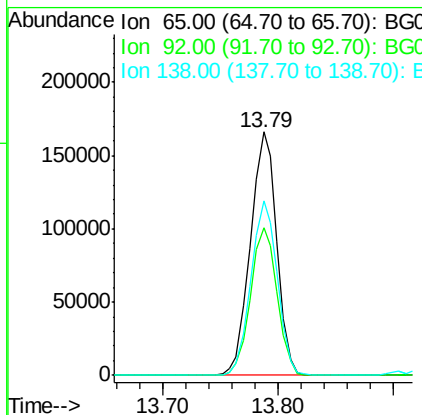
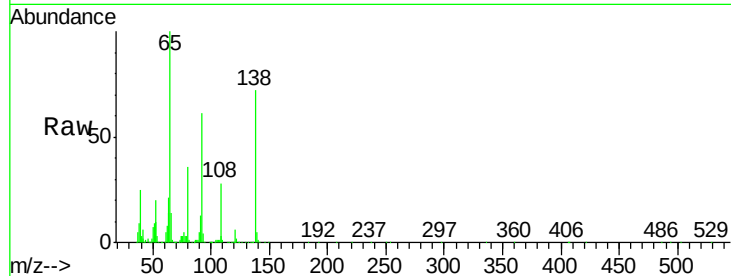
ClientSampleId :

PB108811BS

Tot Ion:	65	Resp:	263719
Ion Ratio	Lower	Upper	
65	100		
92	60.8	54.6	82.0
138	71.6	72.9	109.3#

Manual Integrations
APPROVED

Sohil
5/3/2018 4:59:37 PM



#48

Acenaphthylene

Concen: 37.545 ng

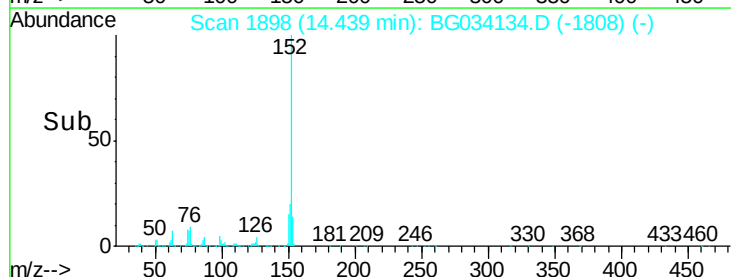
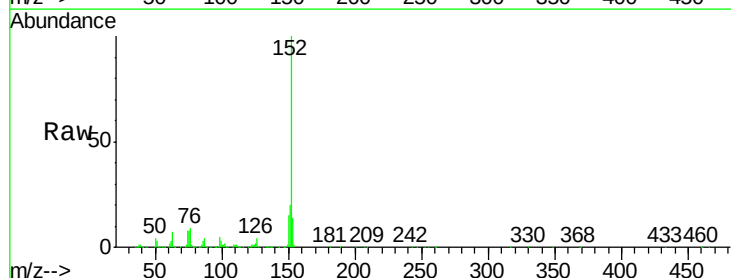
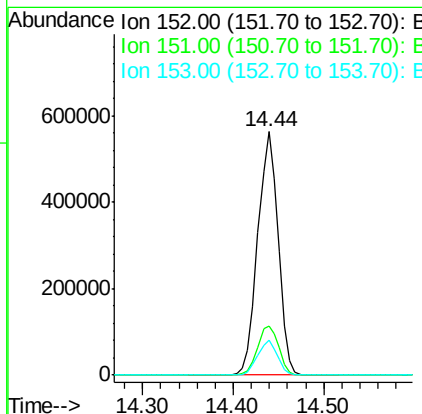
RT: 14.44 min Scan# 1898

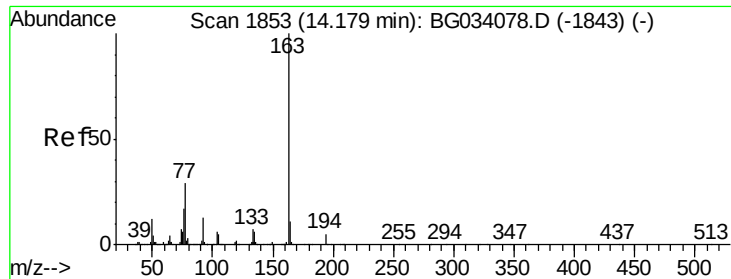
Delta R.T. -0.00 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

Tgt Ion:	152	Resp:	883087
Ion Ratio	Lower	Upper	
152	100		
151	20.3	17.2	25.8
153	14.2	10.2	15.4





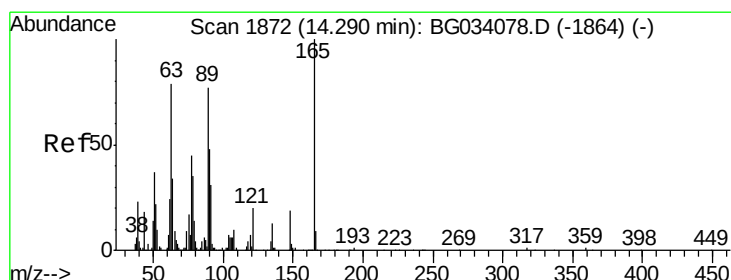
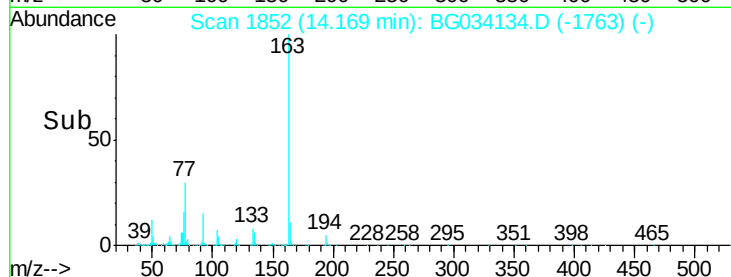
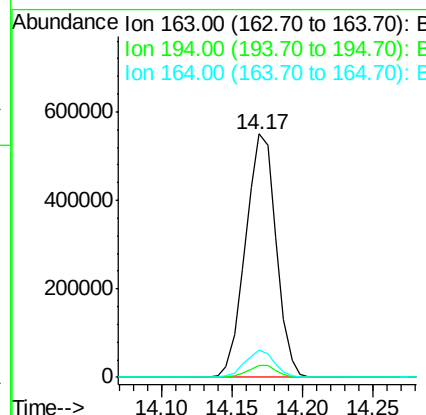
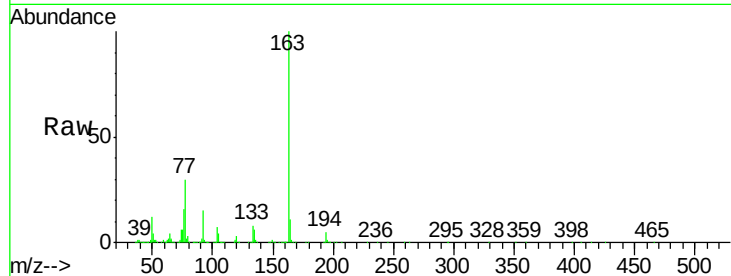
#49
Dimethylphthalate
Concen: 38.690 ng
RT: 14.17 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BG034134.D
Acq: 3 May 2018 2:31

Instrument :
BNA_G
ClientSampleId :
PB108811BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	835682		
194	4.8		3.4	5.2
164	11.5		8.2	12.4

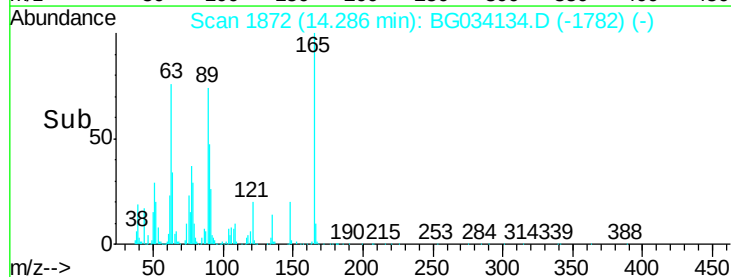
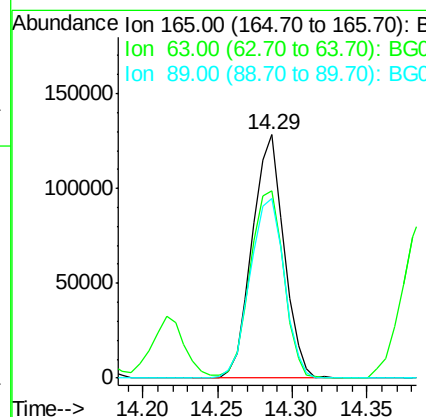
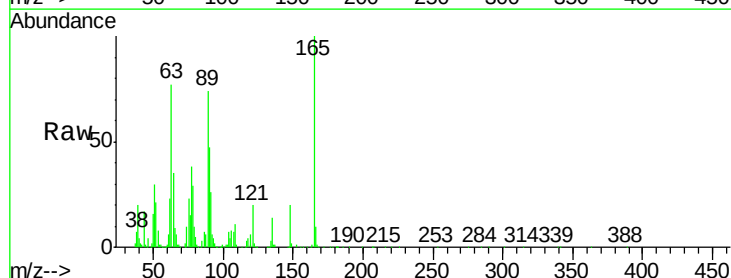
Manual Integrations
APPROVED

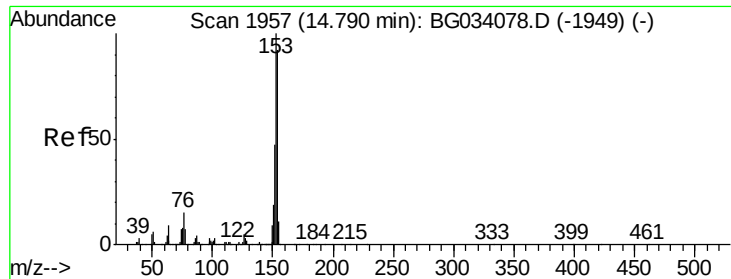
Sohil
5/3/2018 4:59:37 PM



#50
2,6-Dinitrotoluene
Concen: 45.357 ng
RT: 14.29 min Scan# 1872
Delta R.T. -0.00 min
Lab File: BG034134.D
Acq: 3 May 2018 2:31

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	188160		
63	76.8		52.7	79.1
89	73.6		49.2	73.8





#51

Acenaphthene

Concen: 41.521 ng

RT: 14.78 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

Instrument :

BNA_G

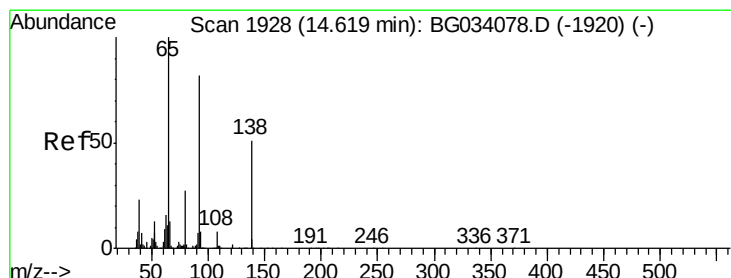
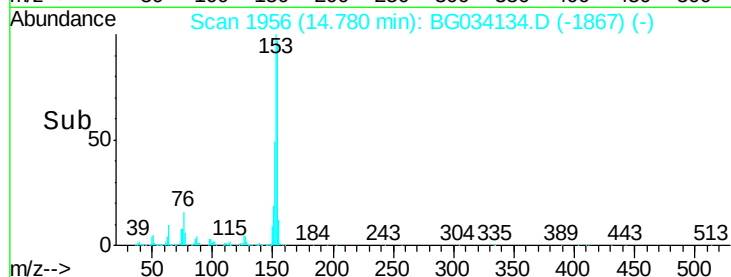
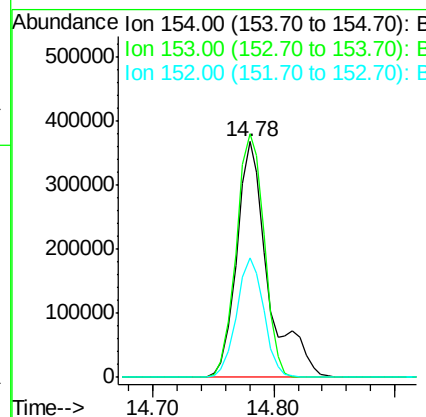
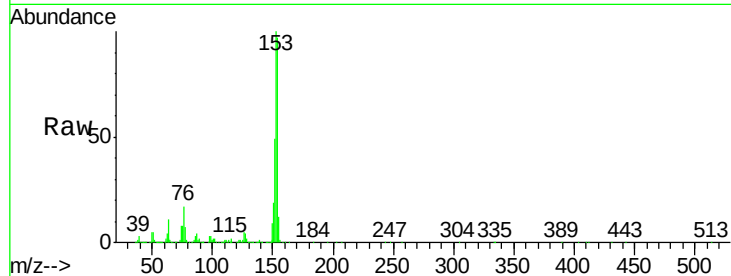
ClientSampleId :

PB108811BS

Tot Ion:	154	Resp:	663740
Ion Ratio	Lower	Upper	
154	100		
153	103.4	90.4	135.6
152	51.0	41.6	62.4

Manual Integrations
APPROVED

Sohil
5/3/2018 4:59:37 PM



#52

3-Nitroaniline

Concen: 19.343 ng

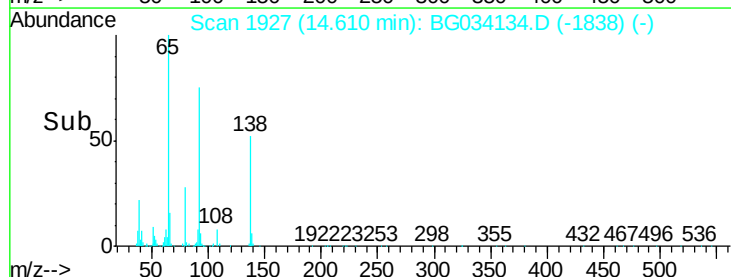
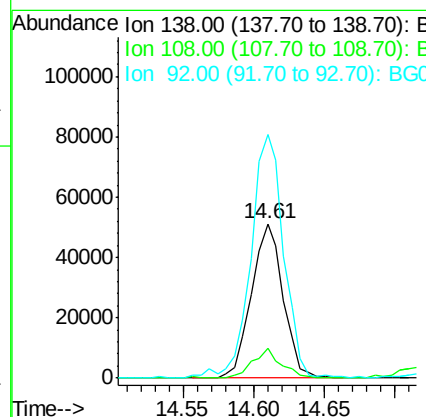
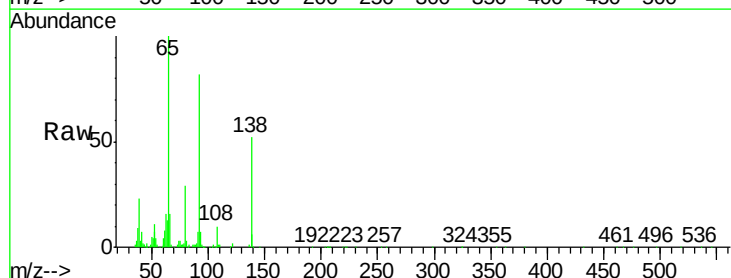
RT: 14.61 min Scan# 1927

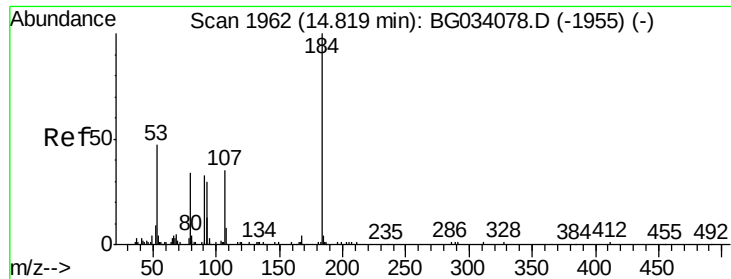
Delta R.T. -0.01 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

Tgt Ion:	138	Resp:	80878
Ion Ratio	Lower	Upper	
138	100		
108	19.1	17.5	26.3
92	157.6	105.8	158.8





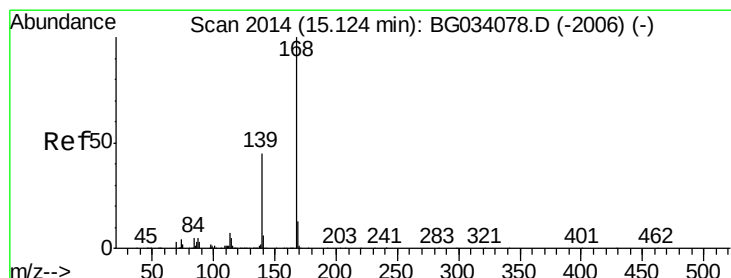
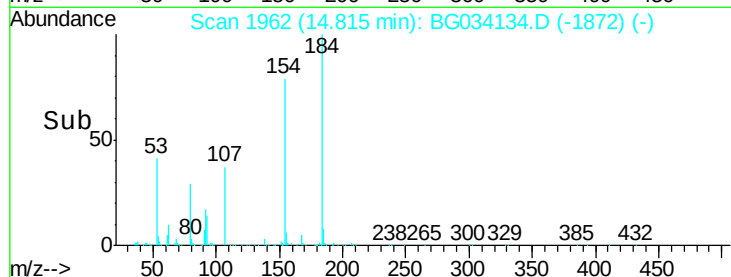
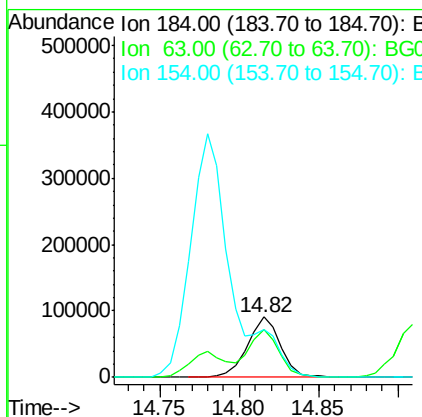
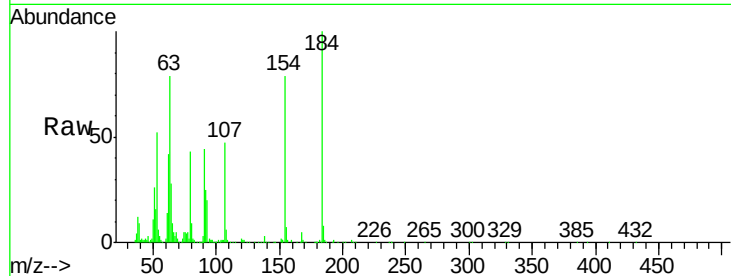
#53
2,4-Dinitrophenol
Concen: 80.196 ng
RT: 14.82 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BG034134.D
Acq: 3 May 2018 2:31

Instrument :
BNA_G
ClientSampleId :
PB108811BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	79.4	59.8	89.8
154	79.1	101.8	152.8#

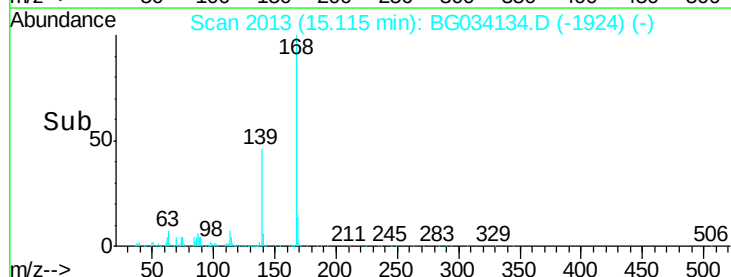
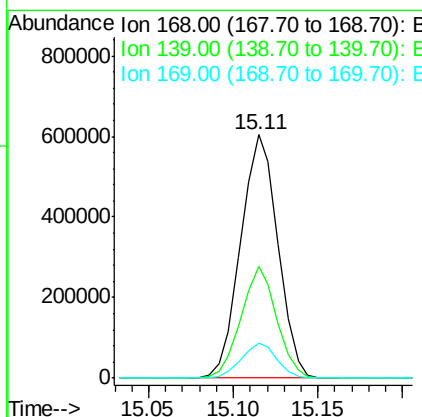
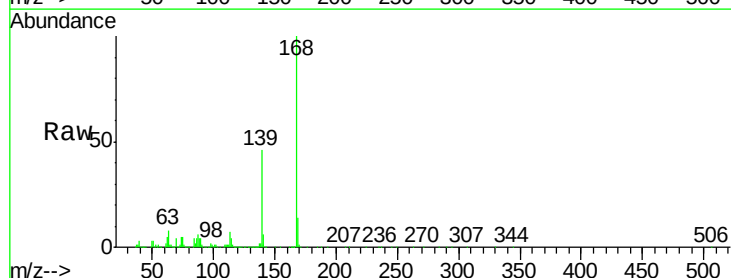
Manual Integrations
APPROVED

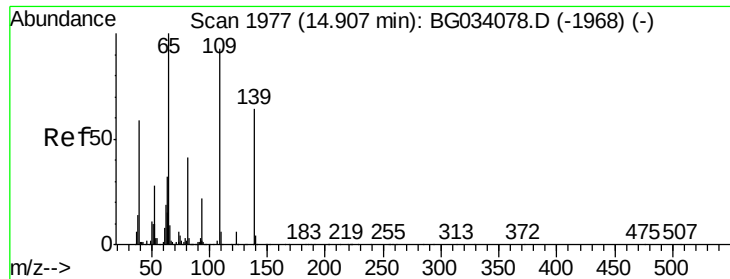
Sohil
5/3/2018 4:59:37 PM



#54
Dibenzofuran
Concen: 39.856 ng
RT: 15.11 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BG034134.D
Acq: 3 May 2018 2:31

Tgt Ion	Ratio	Lower	Upper
168	100		
139	46.0	28.6	43.0#
169	14.5	11.2	16.8





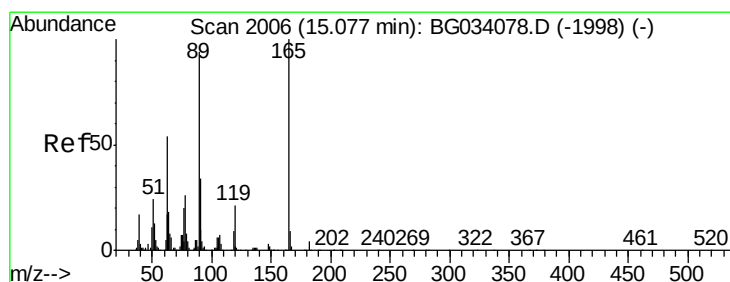
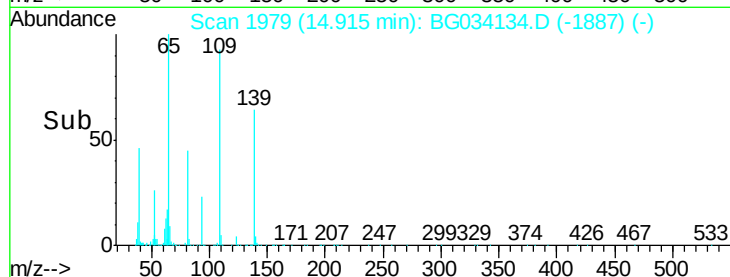
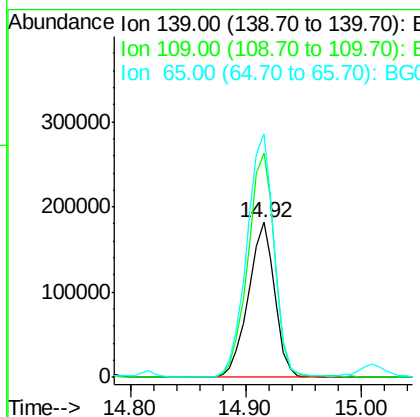
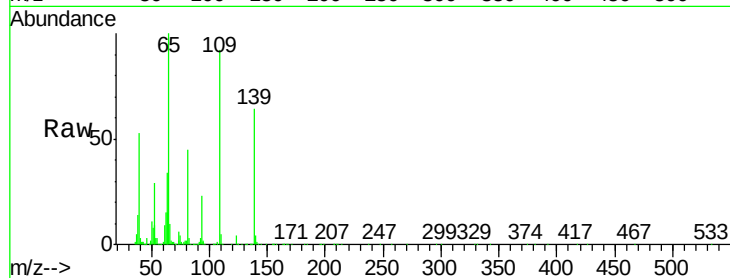
#55
4-Nitrophenol
Concen: 90.437 ng
RT: 14.92 min Scan# 1979
Delta R.T. 0.01 min
Lab File: BG034134.D
Acq: 3 May 2018 2:31

Instrument :
BNA_G
ClientSampleId :
PB108811BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	144.6	62.2	102.2#	
65	157.3	97.2	137.2#	

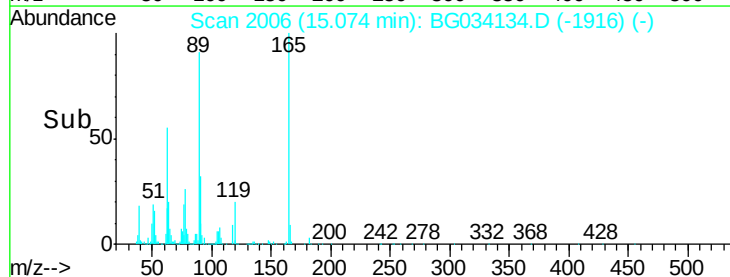
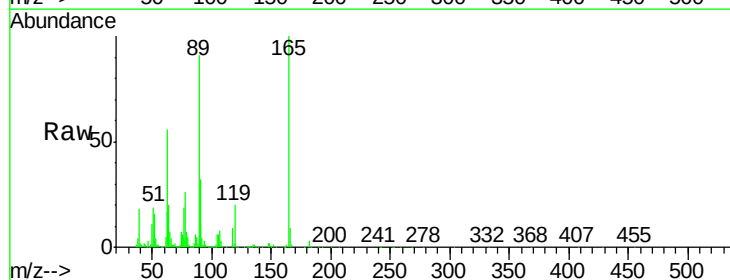
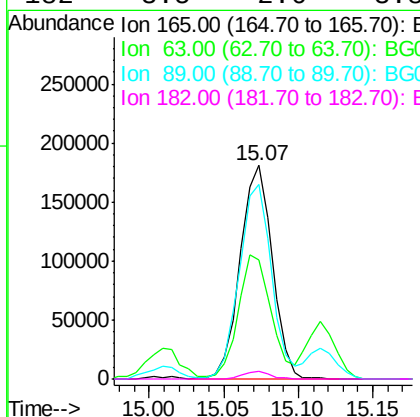
Manual Integrations
APPROVED

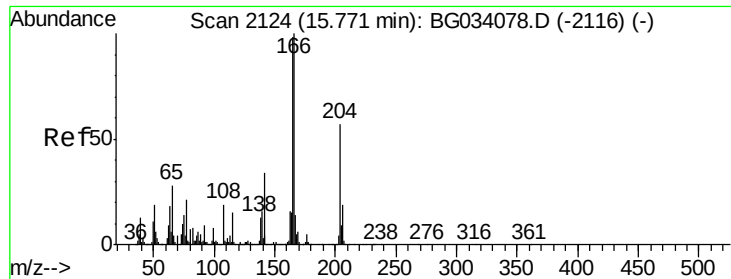
Sohil
5/3/2018 4:59:37 PM



#56
2,4-Dinitrotoluene
Concen: 47.790 ng
RT: 15.07 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BG034134.D
Acq: 3 May 2018 2:31

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	55.6	42.0	63.0	
89	90.8	66.9	100.3	
182	3.5	2.6	3.8	





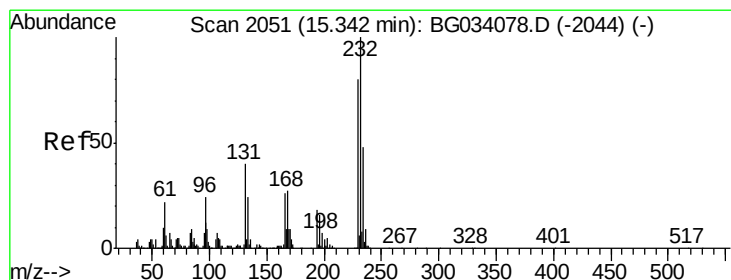
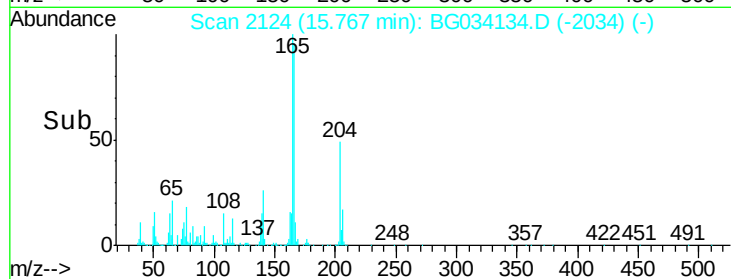
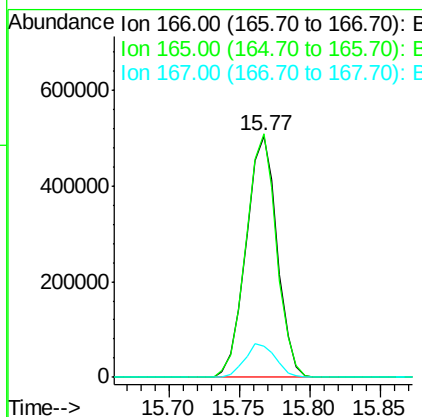
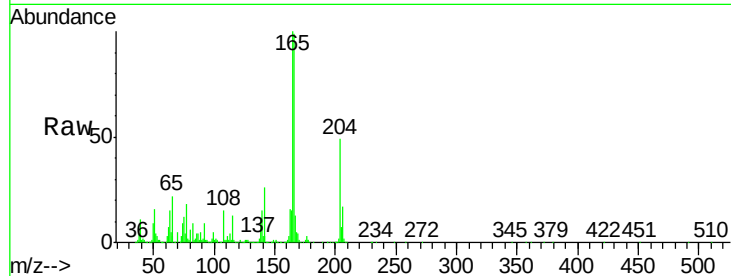
#57
 Fluorene
 Concen: 38.521 ng
 RT: 15.77 min Scan# 2124
 Delta R.T. -0.00 min
 Lab File: BG034134.D
 Acq: 3 May 2018 2:31

Instrument :
 BNA_G
 ClientSampleId :
 PB108811BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.8	80.6	121.0
167	13.1	10.4	15.6

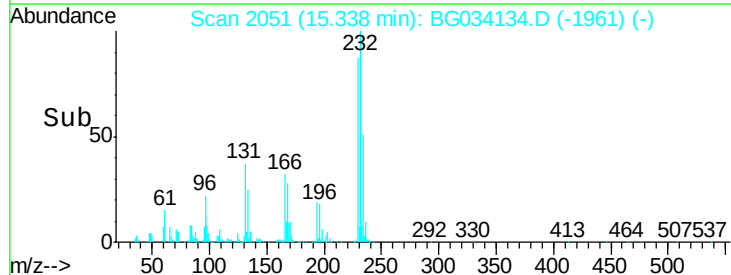
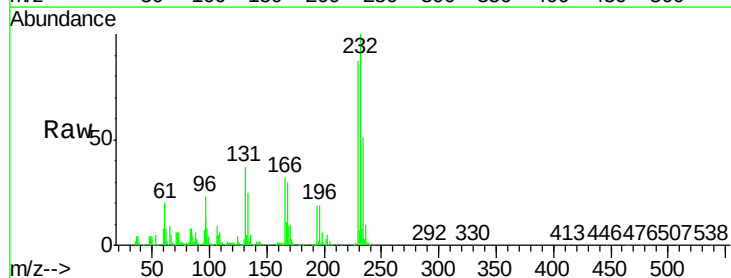
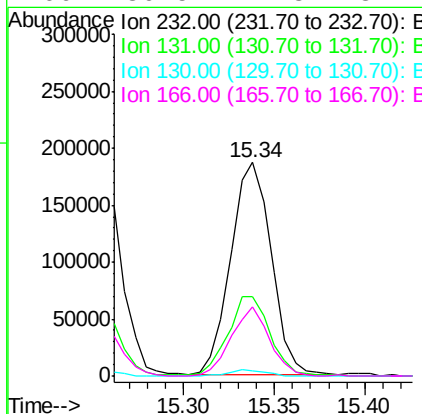
Manual Integrations
 APPROVED

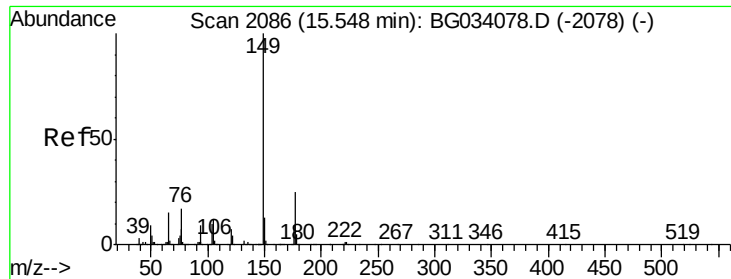
Sohil
 5/3/2018 4:59:37 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.507 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. -0.00 min
 Lab File: BG034134.D
 Acq: 3 May 2018 2:31

Tgt Ion	Ratio	Lower	Upper
232	100		
131	38.5	33.5	50.3
130	2.5	2.2	3.2
166	30.5	24.8	37.2





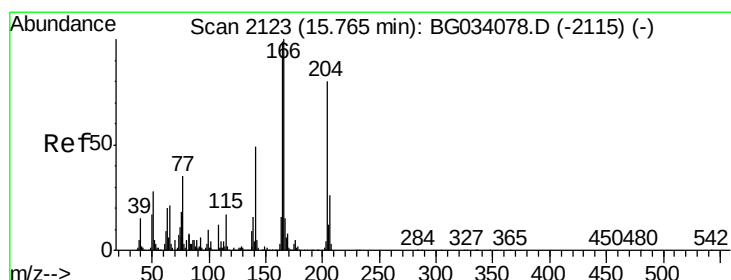
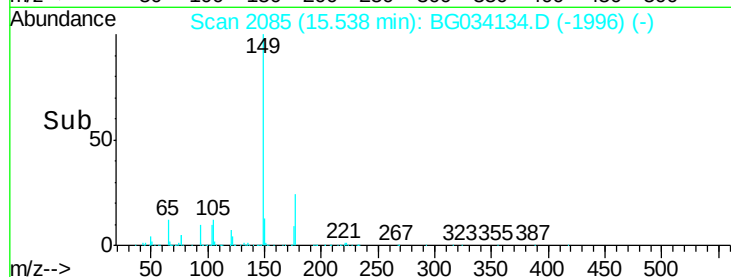
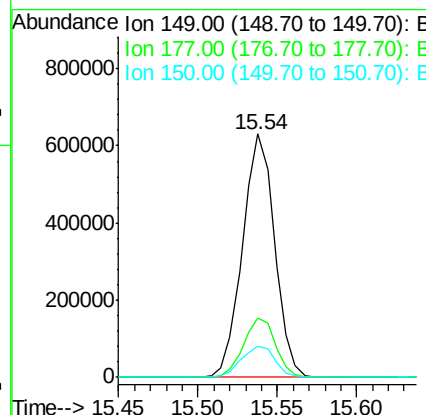
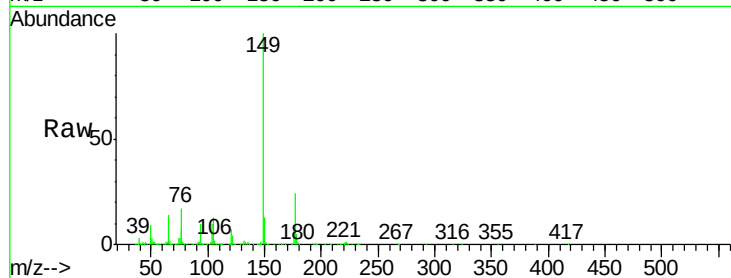
#59
Diethylphthalate
Concen: 38.599 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BG034134.D
Acq: 3 May 2018 2:31

Instrument :
BNA_G
ClientSampleId :
PB108811BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.3	18.5	27.7
150	12.7	10.2	15.2

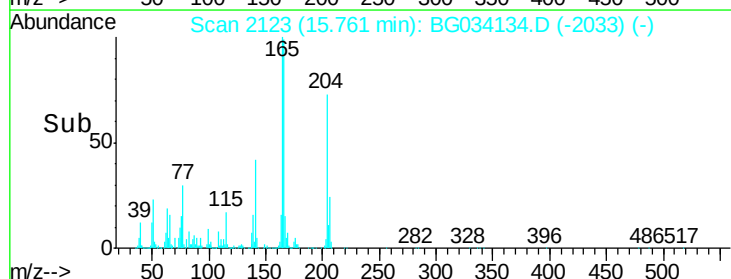
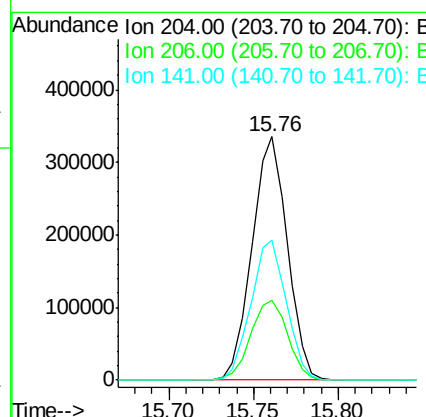
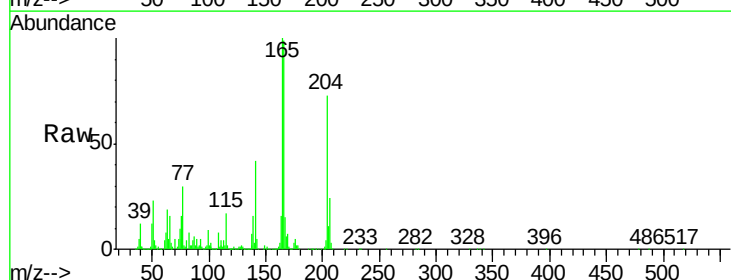
Manual Integrations
APPROVED

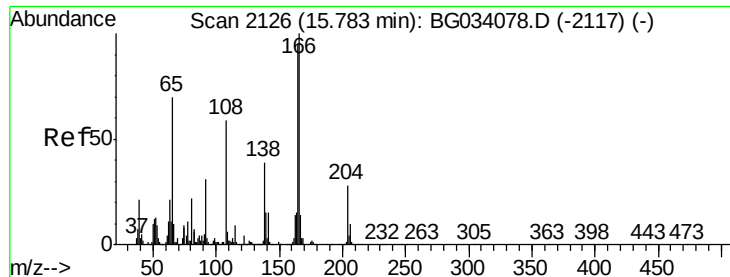
Sohil
5/3/2018 4:59:37 PM



#60
4-Chlorophenyl-phenylether
Concen: 40.565 ng
RT: 15.76 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BG034134.D
Acq: 3 May 2018 2:31

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.2	39.2
141	57.6	45.8	68.6





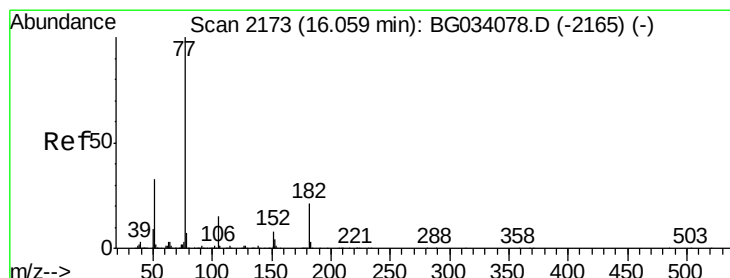
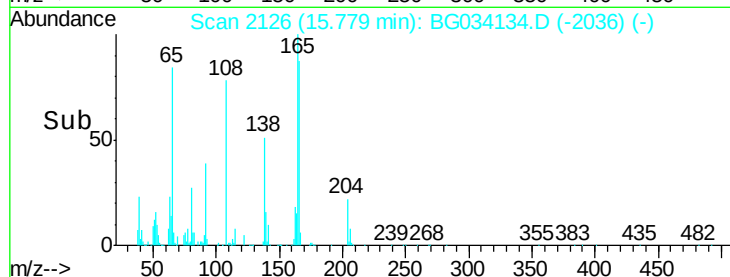
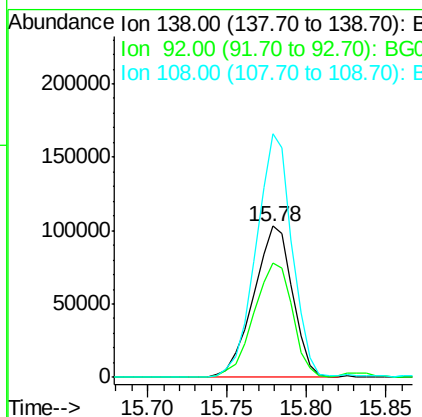
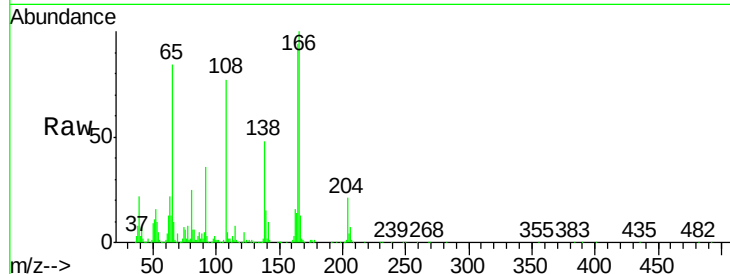
#61
4-Nitroaniline
Concen: 39.722 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.00 min
Lab File: BG034134.D
Acq: 3 May 2018 2:31

Instrument :
BNA_G
ClientSampleId :
PB108811BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	76.0	40.1	80.1
108	161.1	65.4	105.4

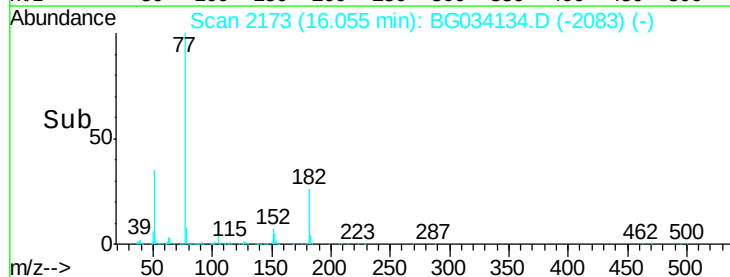
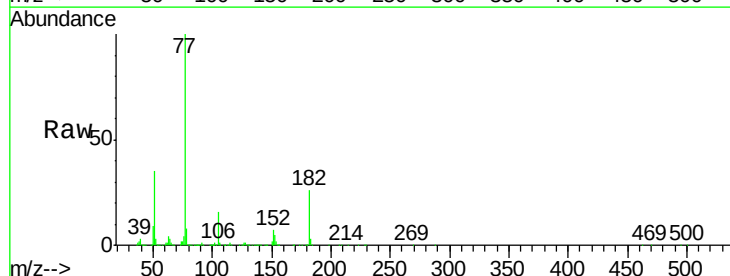
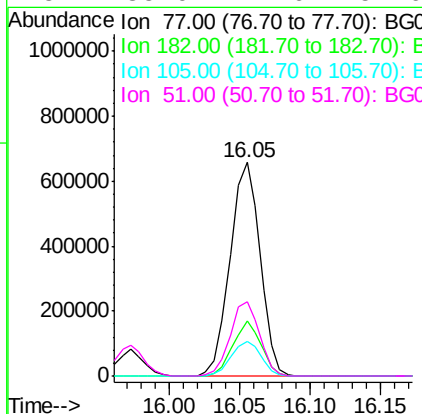
Manual Integrations
APPROVED

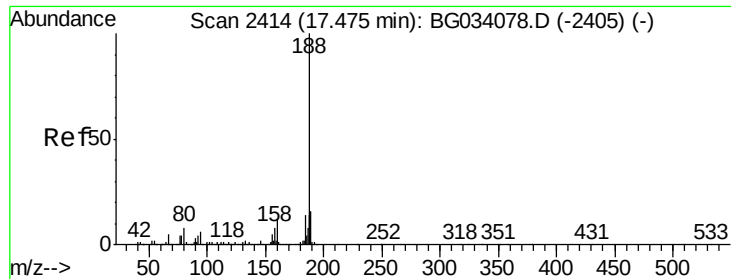
Sohil
5/3/2018 4:59:37 PM



#62
Azobenzene
Concen: 39.366 ng
RT: 16.05 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BG034134.D
Acq: 3 May 2018 2:31

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.5	7.4	47.4
105	15.9	0.3	40.3
51	35.0	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2414

Delta R.T. -0.00 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

Instrument :

BNA_G

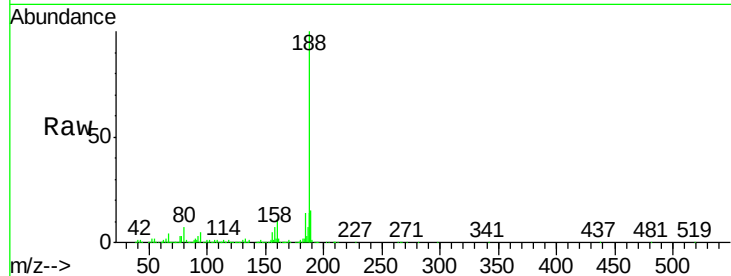
ClientSampleId :

PB108811BS

Tot Ion:	188	Resp:	698646
Ion Ratio	Lower	Upper	
188	100		
94	5.5	6.9	10.3#
80	7.5	7.7	11.5#

Manual Integrations
APPROVED

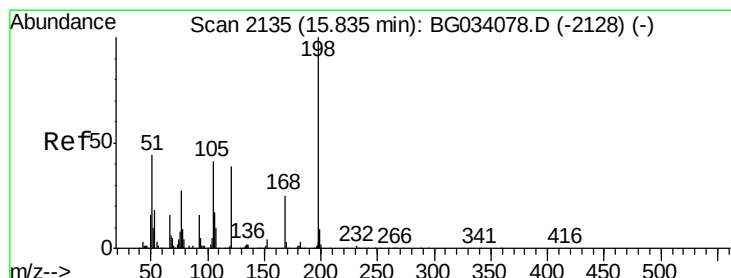
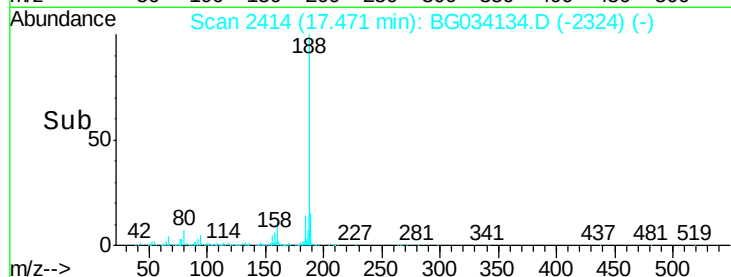
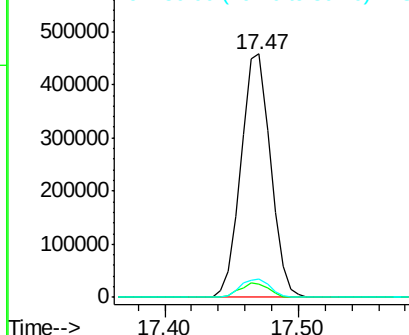
Sohil
5/3/2018 4:59:37 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 35.325 ng

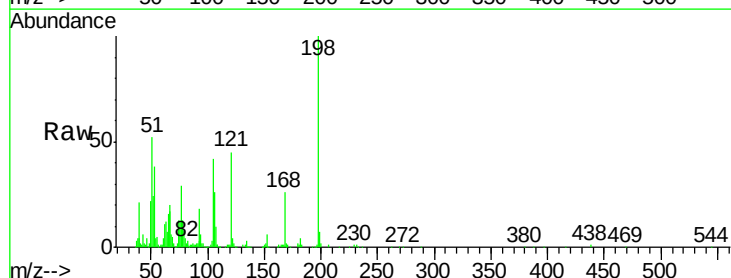
RT: 15.83 min Scan# 2135

Delta R.T. -0.00 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

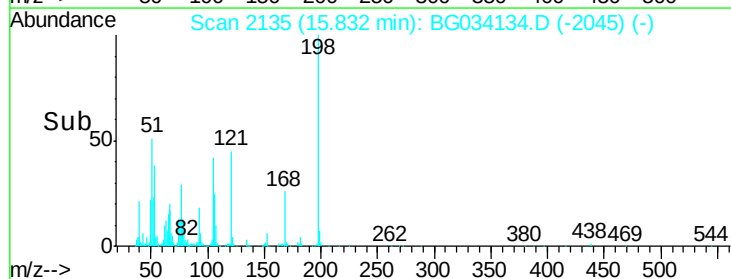
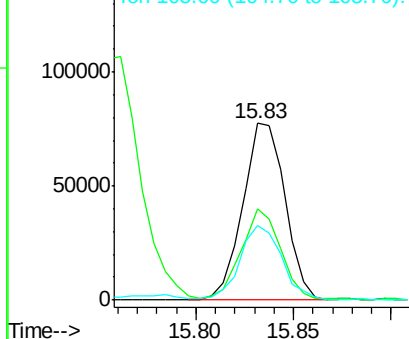
Tgt Ion:	198	Resp:	116039
Ion Ratio	Lower	Upper	
198	100		
51	51.7	30.6	70.6
105	42.5	23.8	63.8

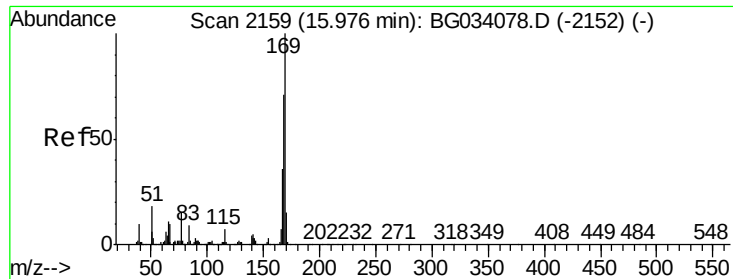


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





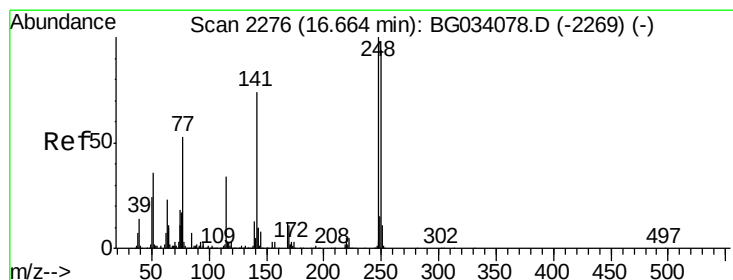
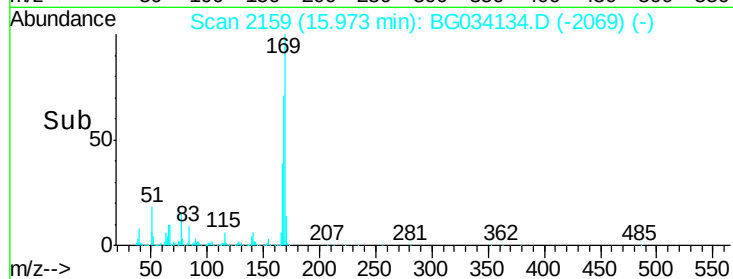
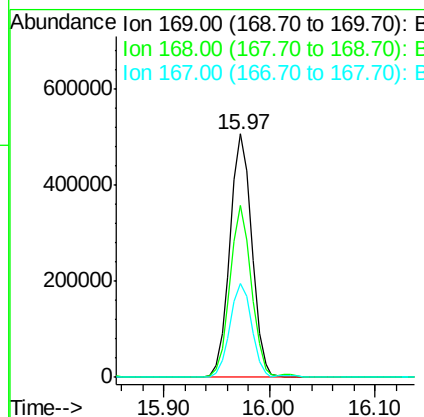
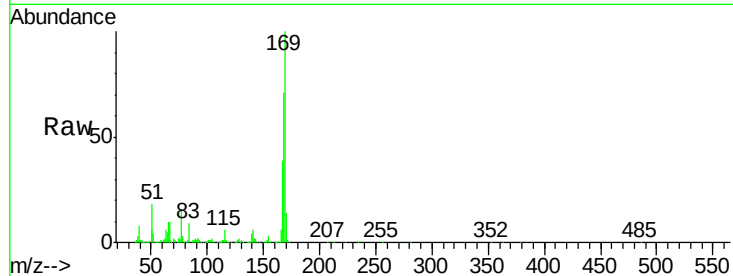
#65
 n-Nitrosodiphenylamine
 Concen: 37.949 ng
 RT: 15.97 min Scan# 2159
 Delta R.T. -0.00 min
 Lab File: BG034134.D
 Acq: 3 May 2018 2:31

Instrument :
 BNA_G
 ClientSampleId :
 PB108811BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	70.6	55.7	83.5
167	38.6	30.1	45.1

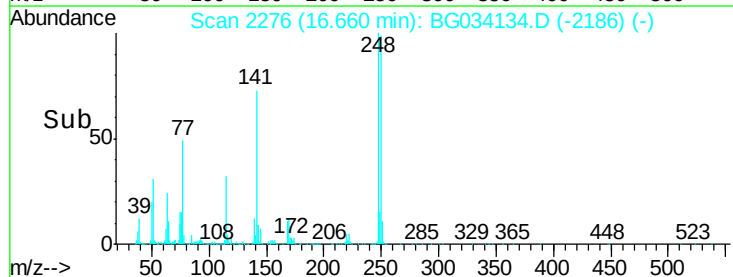
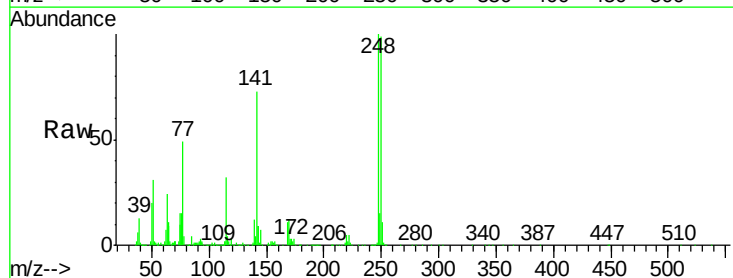
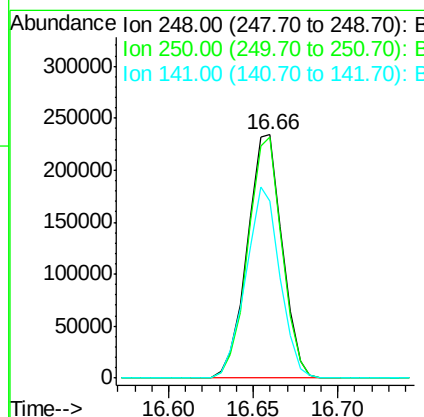
Manual Integrations
 APPROVED

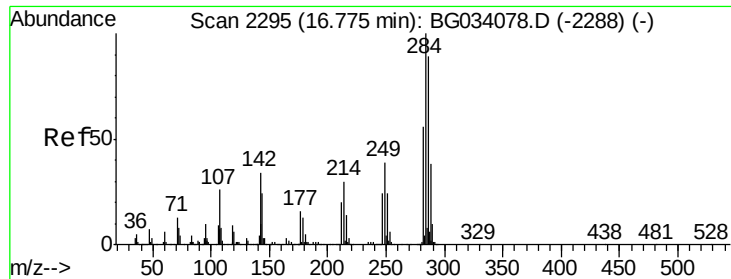
Sohil
 5/3/2018 4:59:37 PM



#66
 4-Bromophenyl-phenylether
 Concen: 38.911 ng
 RT: 16.66 min Scan# 2276
 Delta R.T. -0.00 min
 Lab File: BG034134.D
 Acq: 3 May 2018 2:31

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.0	77.1	115.7
141	72.8	50.8	76.2





#67

Hexachlorobenzene

Concen: 38.360 ng

RT: 16.77 min Scan# 2295

Delta R.T. -0.00 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

Instrument :

BNA_G

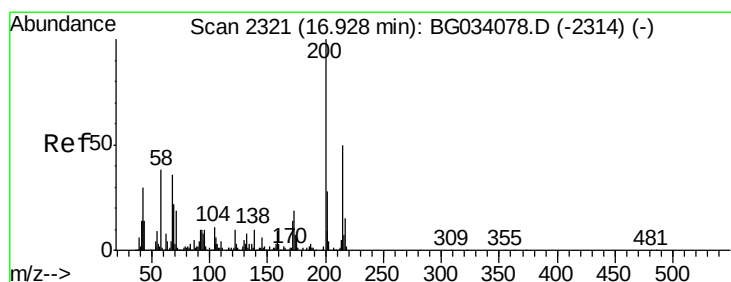
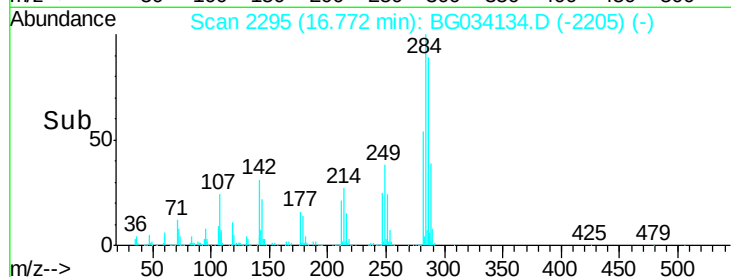
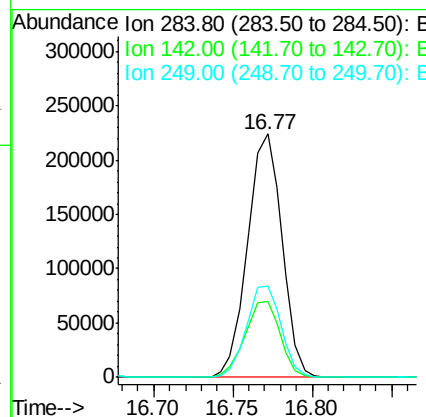
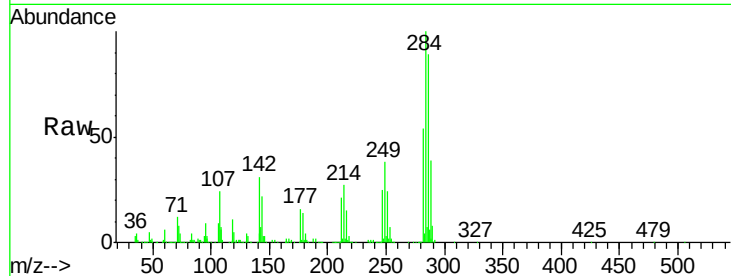
ClientSampled :

PB108811BS

Tot Ion:	284	Resp:	337761
Ion Ratio	Lower	Upper	
284	100		
142	31.2	26.8	40.2
249	37.7	26.3	39.5

Manual Integrations
APPROVED

Sohil
5/3/2018 4:59:37 PM



#68

Atrazine

Concen: 45.029 ng

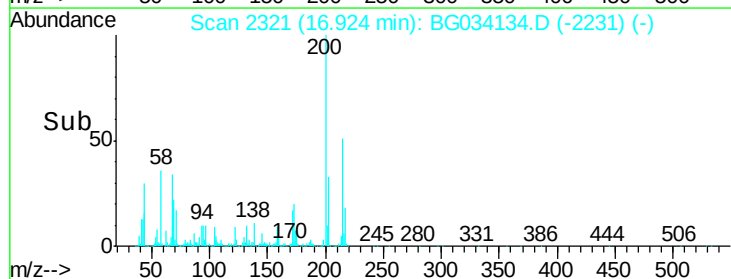
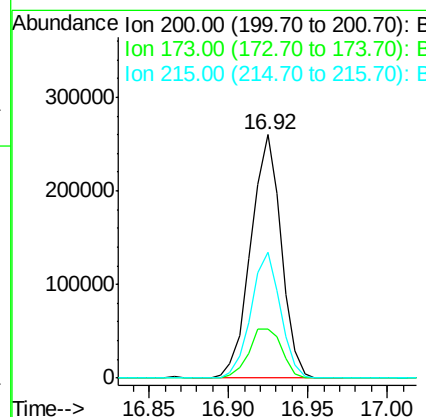
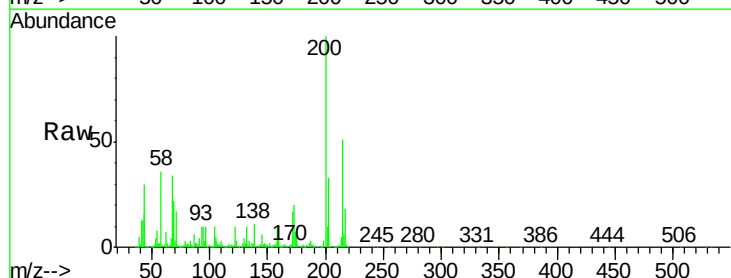
RT: 16.92 min Scan# 2321

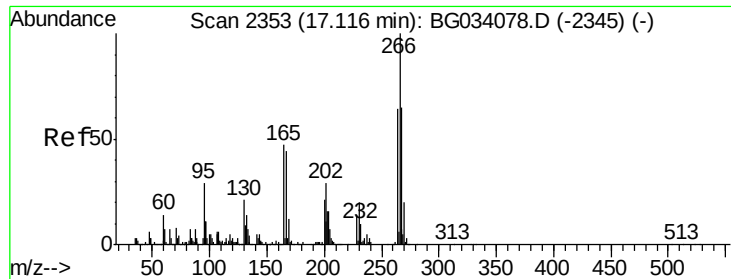
Delta R.T. -0.00 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

Tgt Ion:	200	Resp:	346424
Ion Ratio	Lower	Upper	
200	100		
173	20.2	5.2	45.2
215	51.5	30.4	70.4





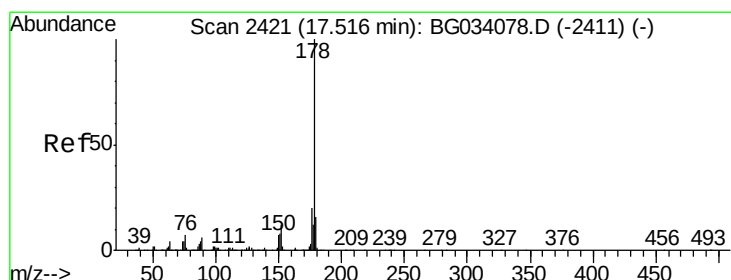
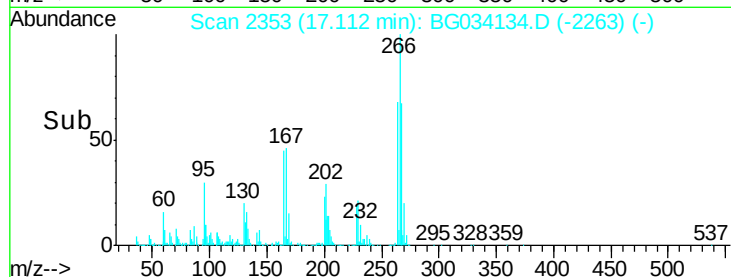
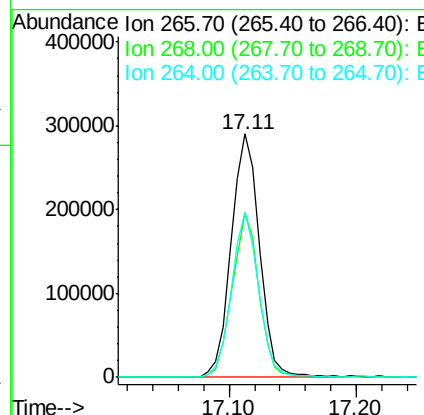
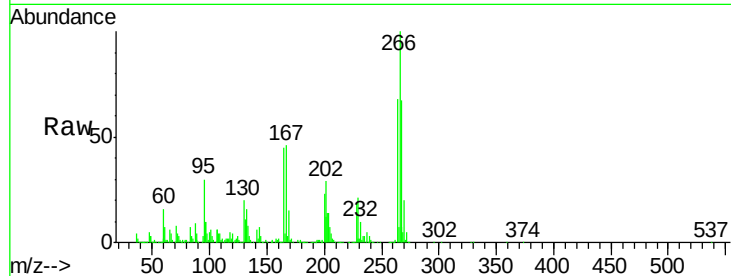
#69
 Pentachlorophenol
 Concen: 72.719 ng
 RT: 17.11 min Scan# 2353
 Delta R.T. -0.00 min
 Lab File: BG034134.D
 Acq: 3 May 2018 2:31

Instrument :
 BNA_G
 ClientSampleId :
 PB108811BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.5	51.1	76.7
264	68.0	49.6	74.4

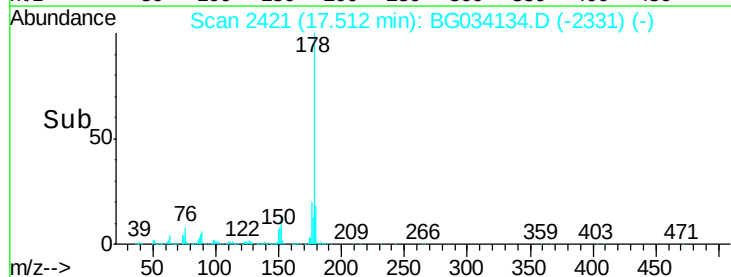
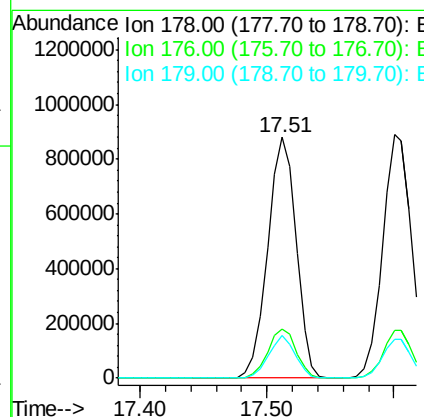
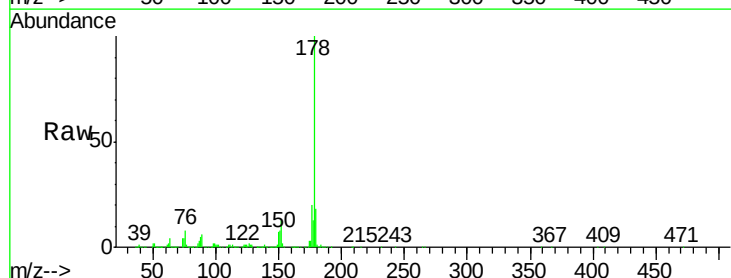
Manual Integrations
 APPROVED

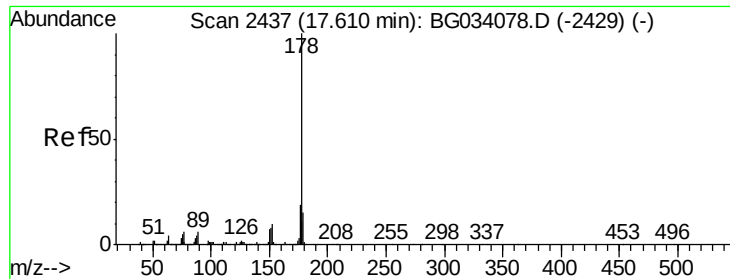
Sohil
 5/3/2018 4:59:37 PM



#70
 Phenanthrene
 Concen: 38.181 ng
 RT: 17.51 min Scan# 2421
 Delta R.T. -0.00 min
 Lab File: BG034134.D
 Acq: 3 May 2018 2:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.7	23.5
179	17.6	12.5	18.7





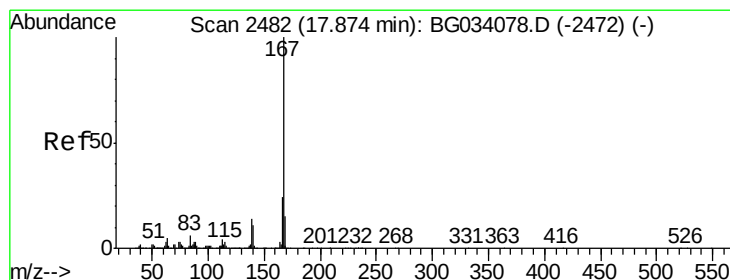
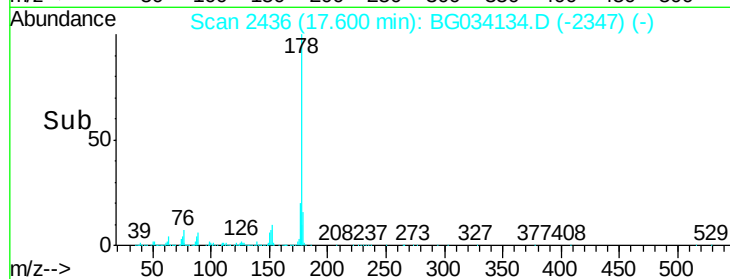
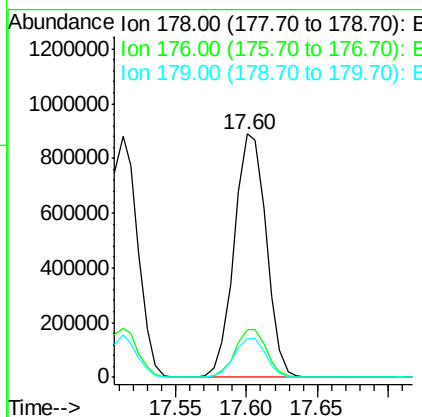
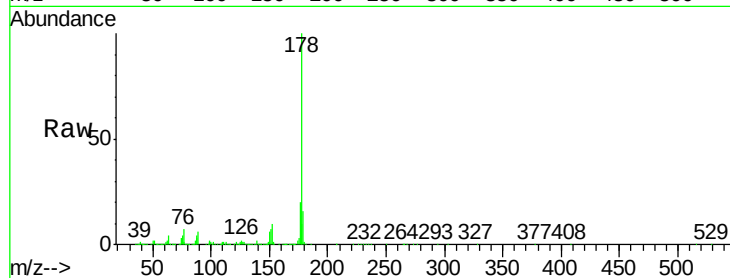
#71
 Anthracene
 Concen: 38.560 ng
 RT: 17.60 min Scan# 2436
 Delta R.T. -0.01 min
 Lab File: BG034134.D
 Acq: 3 May 2018 2:31

Instrument :
 BNA_G
 ClientSampleId :
 PB108811BS

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	19.9	16.0	24.0	
179	16.2	12.5	18.7	

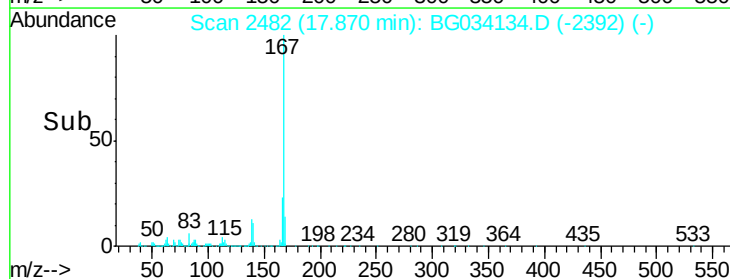
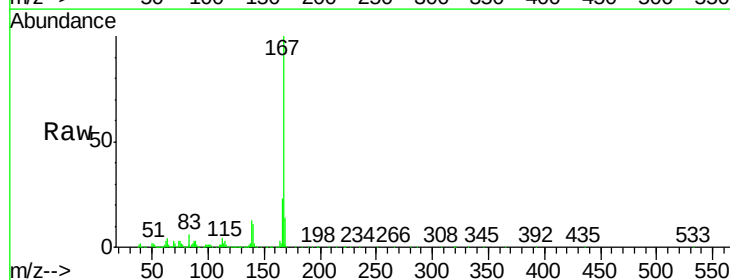
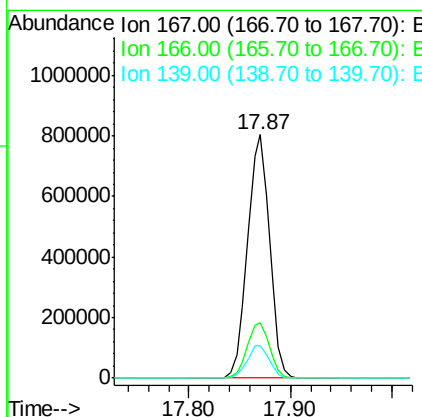
Manual Integrations
 APPROVED

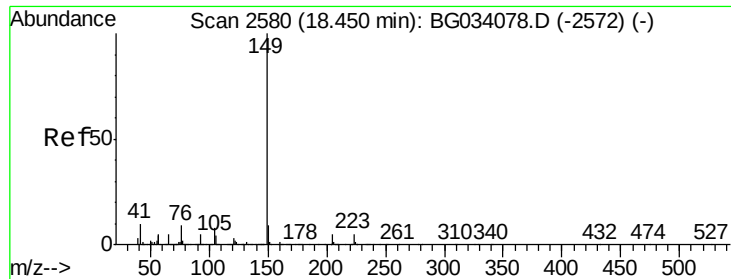
Sohil
 5/3/2018 4:59:37 PM



#72
 Carbazole
 Concen: 36.313 ng
 RT: 17.87 min Scan# 2482
 Delta R.T. -0.00 min
 Lab File: BG034134.D
 Acq: 3 May 2018 2:31

Tgt Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.7	18.2	27.4	
139	13.4	9.4	14.2	





#73

Di-n-butylphthalate

Concen: 35.130 ng

RT: 18.44 min Scan# 2579

Delta R.T. -0.01 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

Instrument :

BNA_G

ClientSampleId :

PB108811BS

Tot Ion:149 Resp: 1408395

Ion Ratio Lower Upper

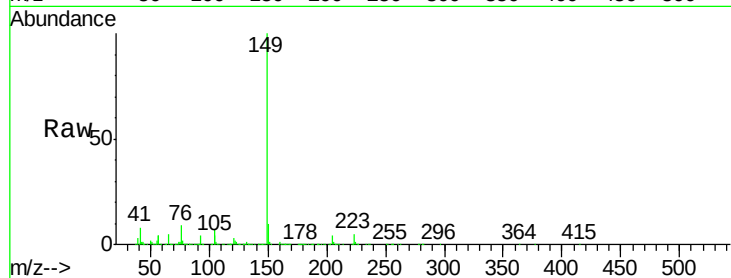
149 100

150 10.2 7.8 11.6

104 7.4 3.9 5.9#

Manual Integrations
APPROVED

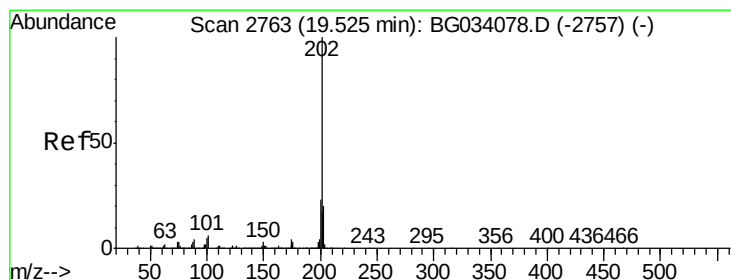
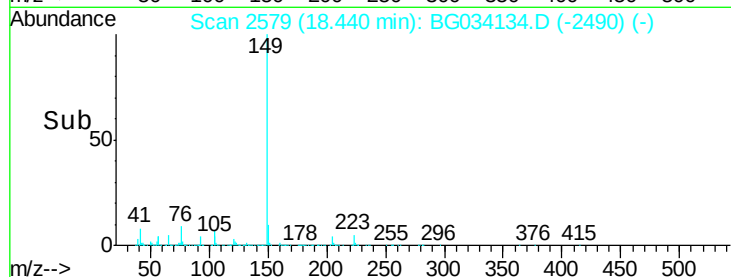
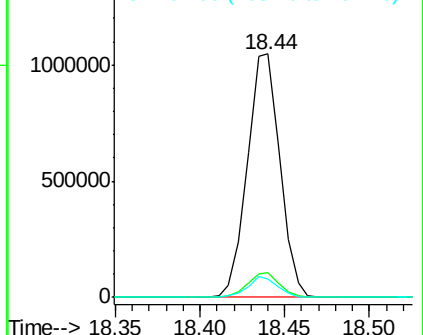
Sohil
5/3/2018 4:59:37 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.348 ng

RT: 19.52 min Scan# 2763

Delta R.T. -0.00 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

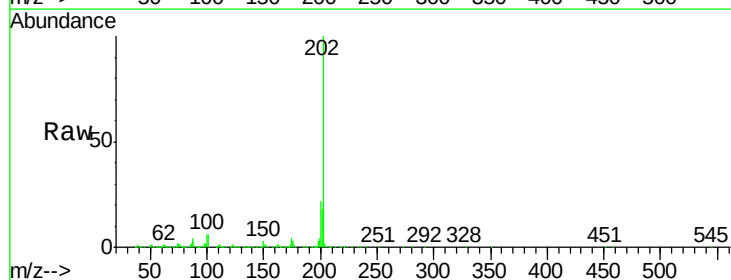
Tgt Ion:202 Resp: 1648914

Ion Ratio Lower Upper

202 100

101 6.0 0.0 28.9

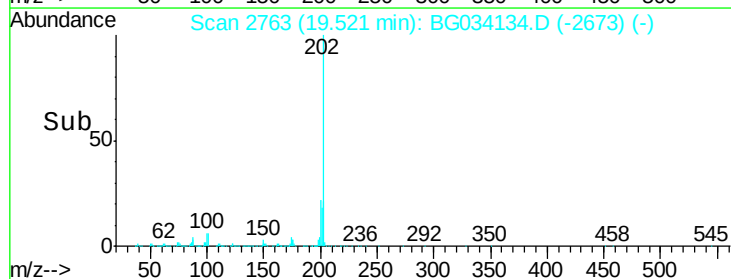
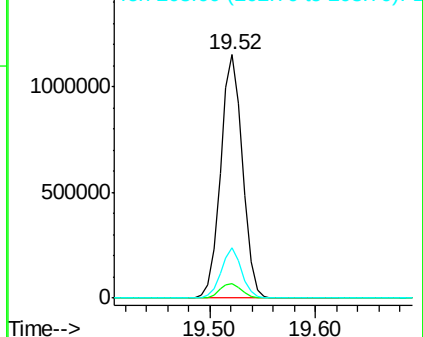
203 20.6 0.0 37.5

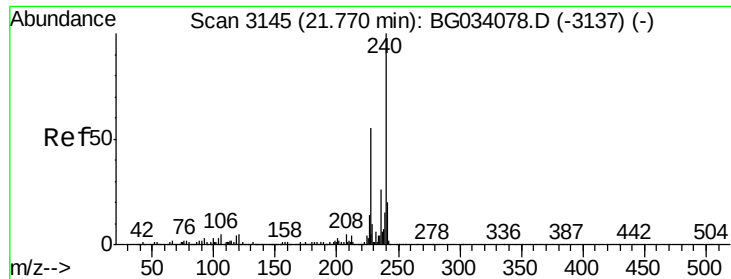


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

Instrument :

BNA_G

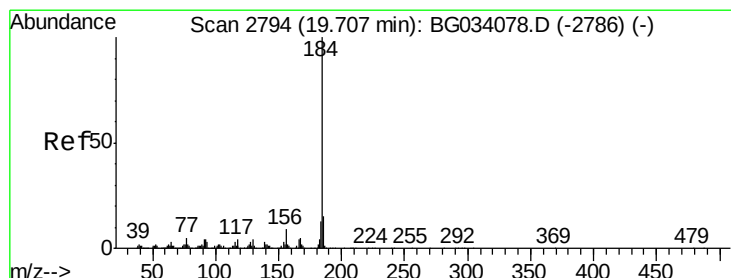
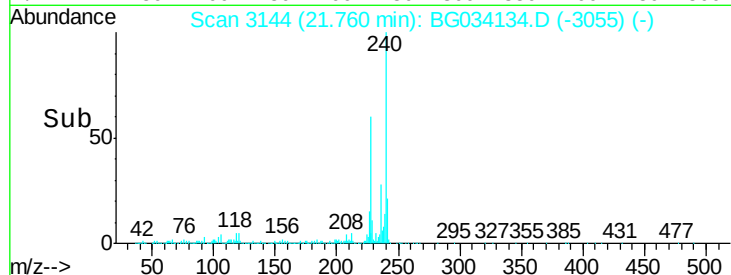
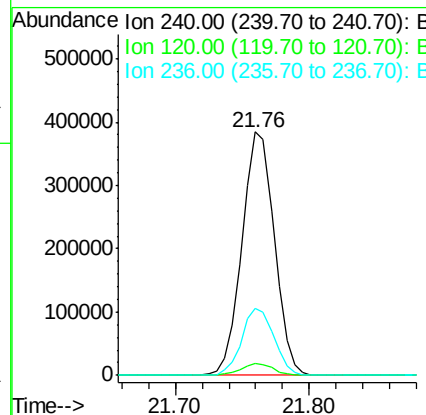
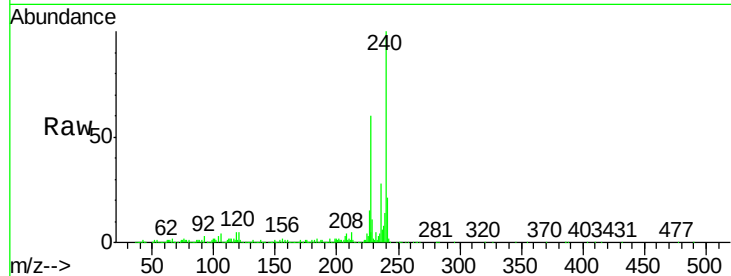
ClientSampled :

PB108811BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	4.7	6.8	10.2#
236	27.6	20.9	31.3

Manual Integrations
APPROVED

Sohil
5/3/2018 4:59:37 PM



#76

Benzidine

Concen: 41.483 ng

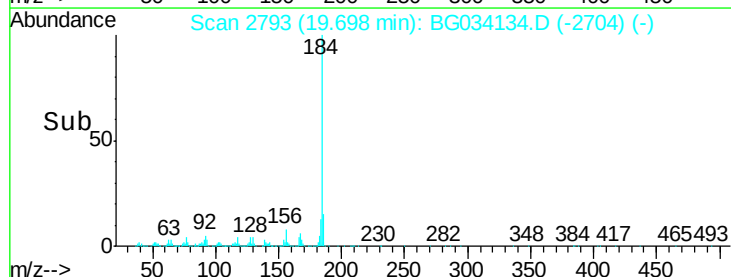
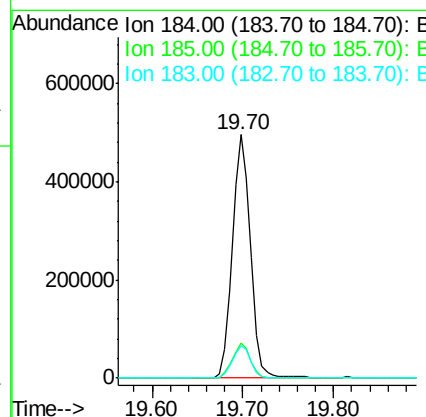
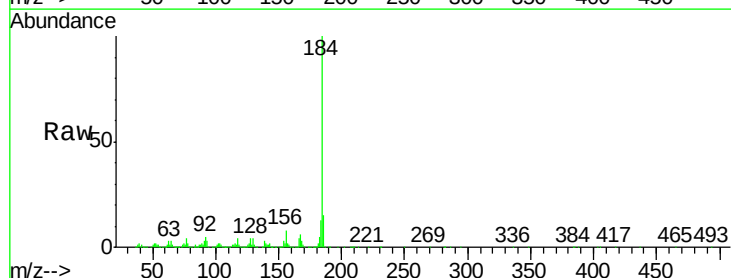
RT: 19.70 min Scan# 2793

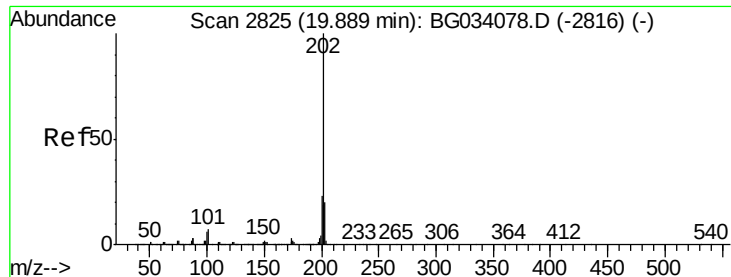
Delta R.T. -0.01 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.1	16.7
183	13.1	10.6	16.0





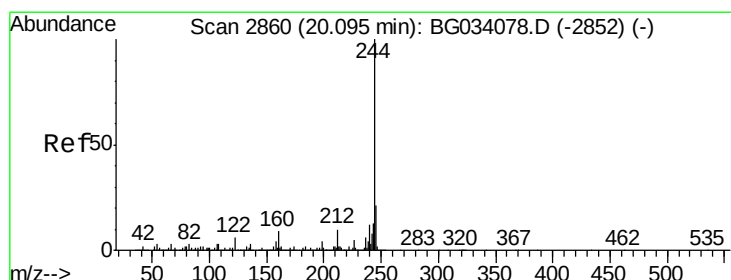
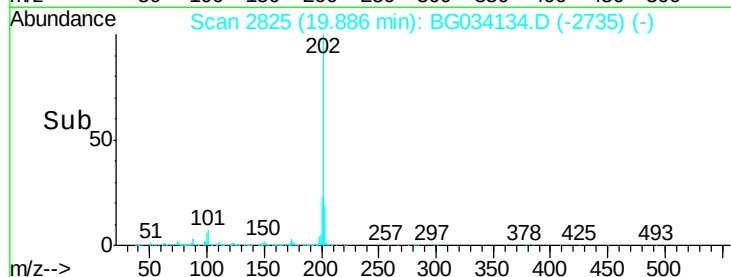
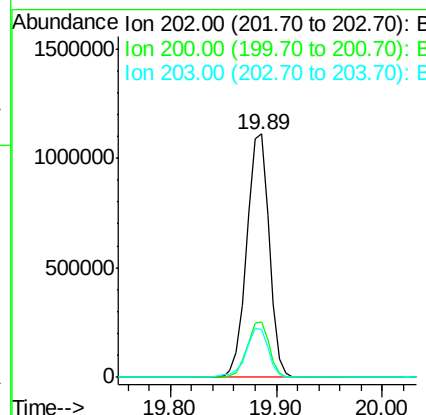
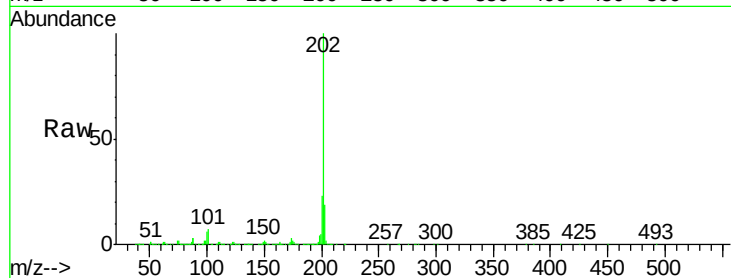
#77
Pvrene
Concen: 40.427 ng
RT: 19.89 min Scan# 2825
Delta R.T. -0.00 min
Lab File: BG034134.D
Acq: 3 May 2018 2:31

Instrument :
BNA_G
ClientSampleId :
PB108811BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.7	16.9	25.3
203	19.4	13.9	20.9

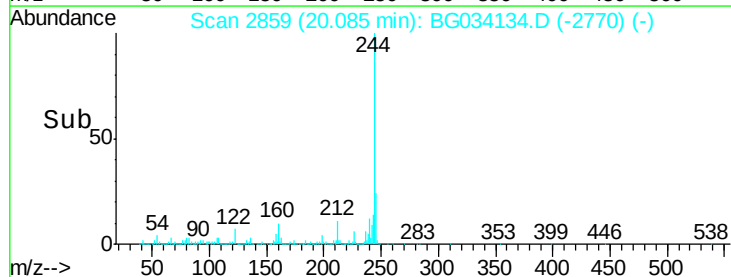
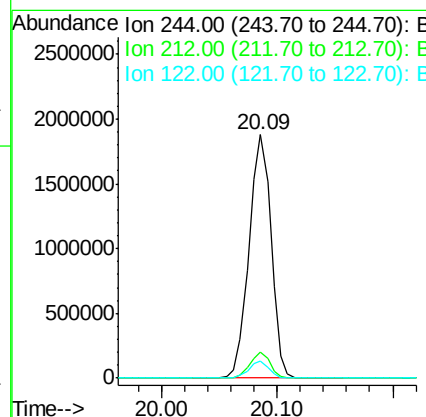
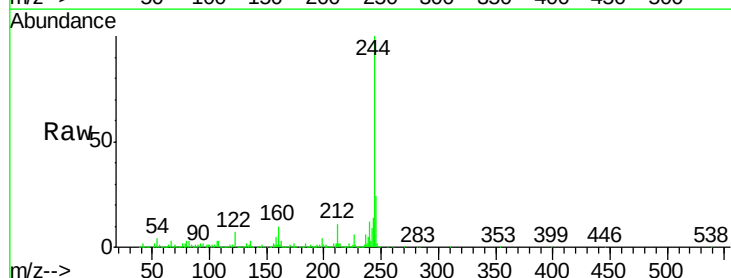
Manual Integrations
APPROVED

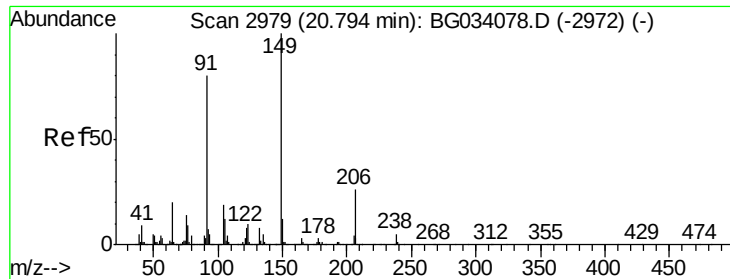
Sohil
5/3/2018 4:59:37 PM



#78
Terphenyl-d14
Concen: 84.608 ng
RT: 20.09 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BG034134.D
Acq: 3 May 2018 2:31

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.7	5.8	8.8#
122	7.0	7.0	10.4





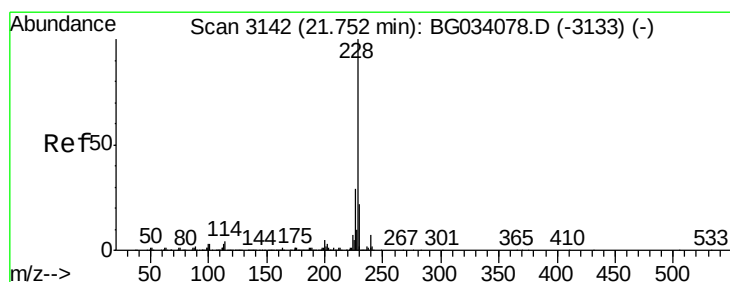
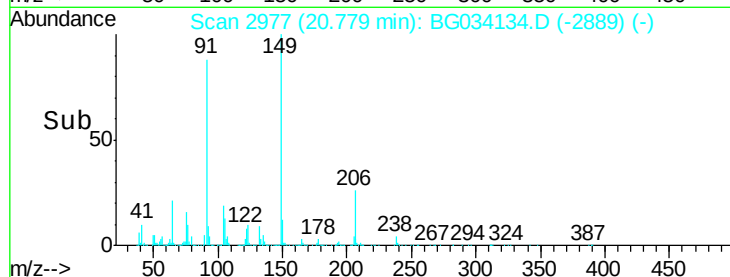
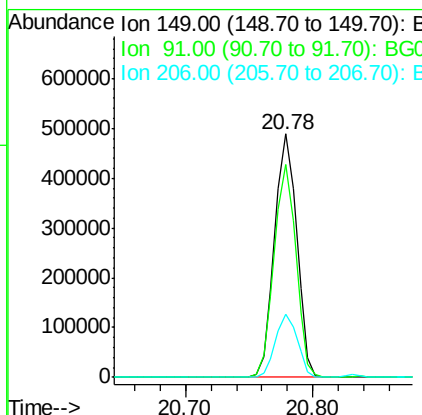
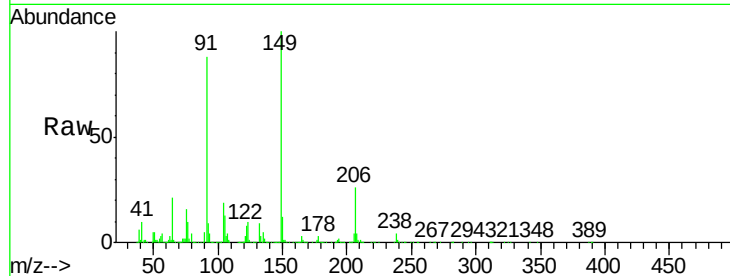
#79
Butylbenzylphthalate
Concen: 37.991 ng
RT: 20.78 min Scan# 2977
Delta R.T. -0.02 min
Lab File: BG034134.D
Acq: 3 May 2018 2:31

Instrument :
BNA_G
ClientSampleId :
PB108811BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	87.6	62.2	93.2
206	25.8	18.6	27.8

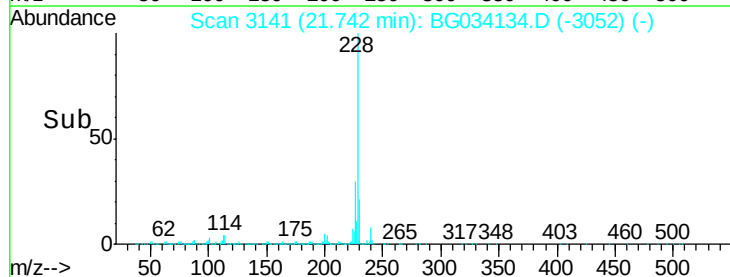
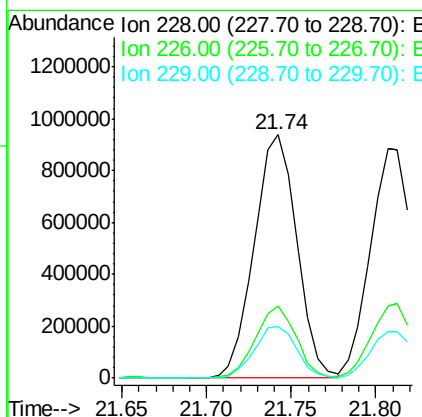
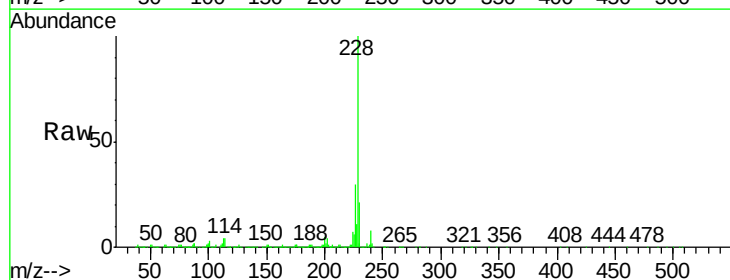
Manual Integrations
APPROVED

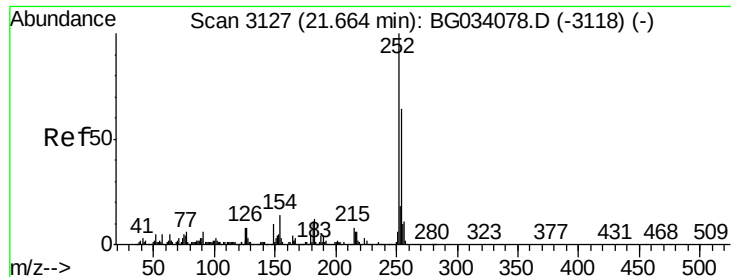
Sohil
5/3/2018 4:59:37 PM



#80
Benzo(a)anthracene
Concen: 39.877 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG034134.D
Acq: 3 May 2018 2:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.7	34.1
229	21.0	16.2	24.2





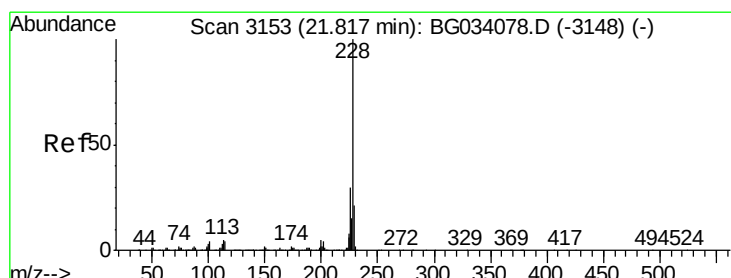
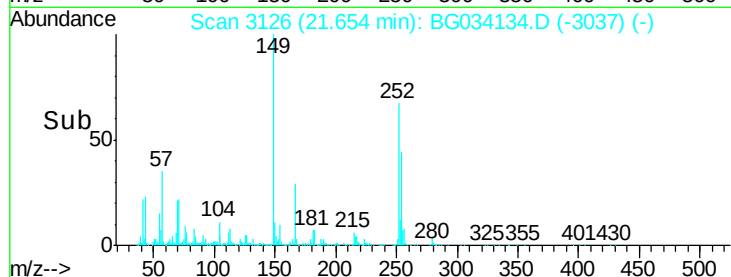
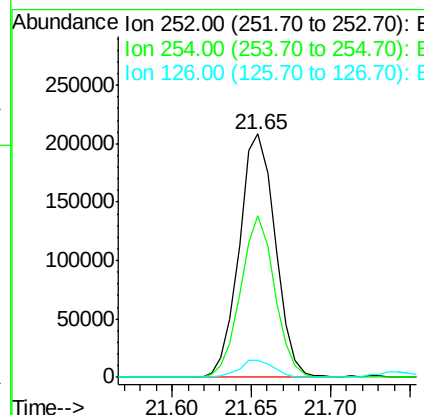
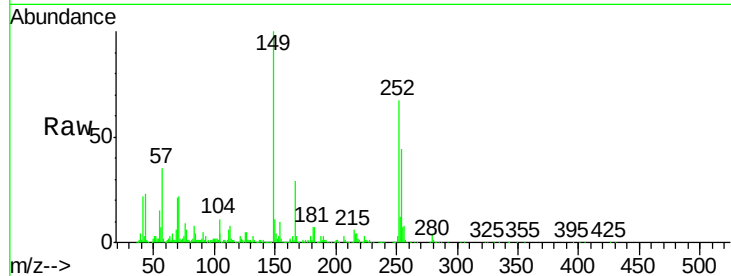
#81
 3,3'-Dichlorobenzidine
 Concen: 21.108 ng
 RT: 21.65 min Scan# 3126
 Delta R.T. -0.01 min
 Lab File: BG034134.D
 Acq: 3 May 2018 2:31

Instrument :
 BNA_G
 ClientSampled :
 PB108811BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.5	50.8	76.2
126	6.8	7.4	11.2#

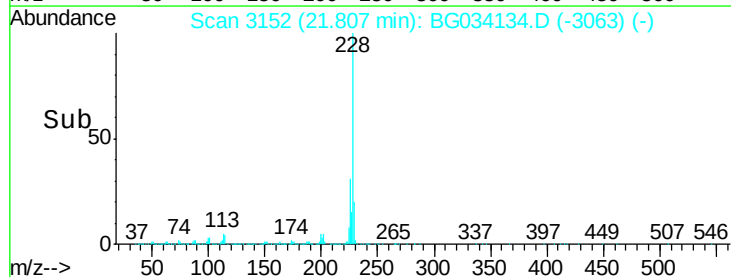
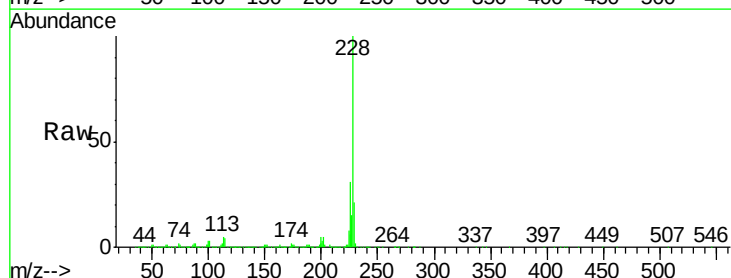
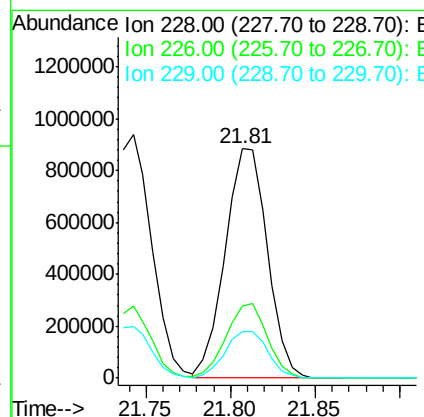
Manual Integrations
 APPROVED

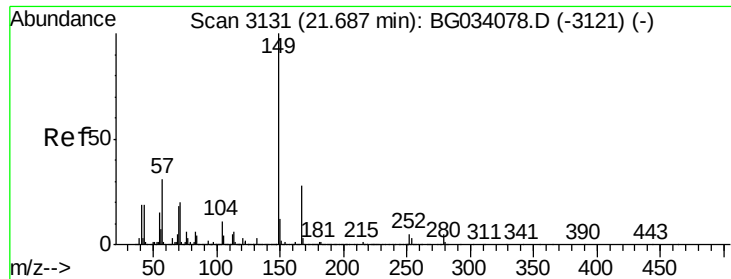
Sohil
 5/3/2018 4:59:37 PM



#82
 Chrysene
 Concen: 38.900 ng
 RT: 21.81 min Scan# 3152
 Delta R.T. -0.01 min
 Lab File: BG034134.D
 Acq: 3 May 2018 2:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.9	37.3
229	20.5	15.0	22.4





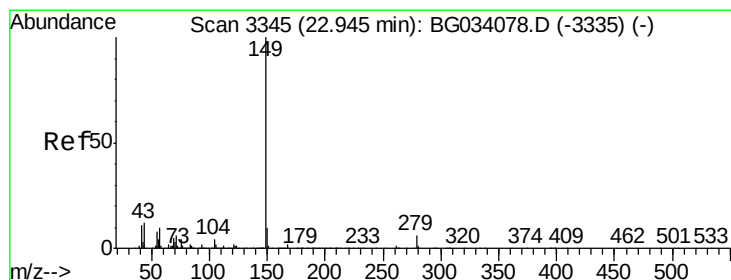
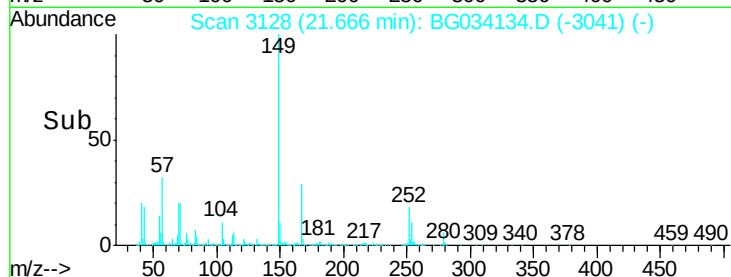
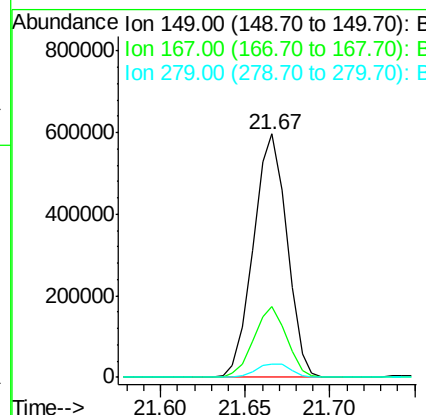
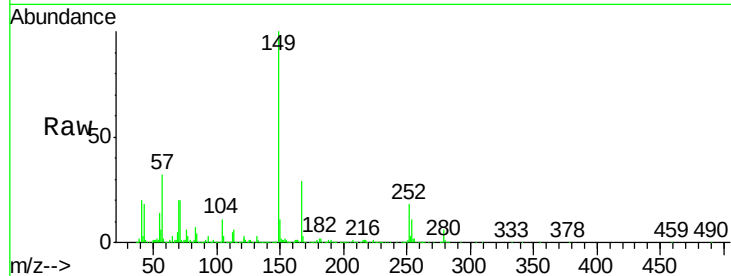
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.206 ng
 RT: 21.67 min Scan# 3128
 Delta R.T. -0.02 min
 Lab File: BG034134.D
 Acq: 3 May 2018 2:31

Instrument :
 BNA_G
 ClientSampleId :
 PB108811BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.9	24.3	36.5
279	5.6	4.0	6.0

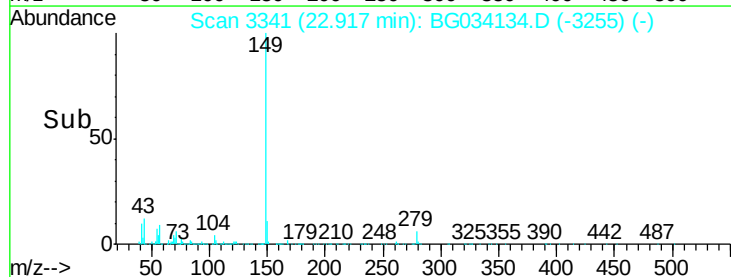
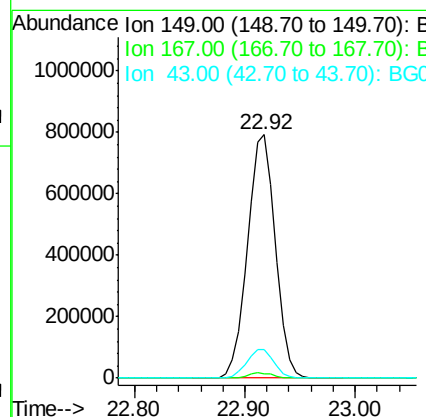
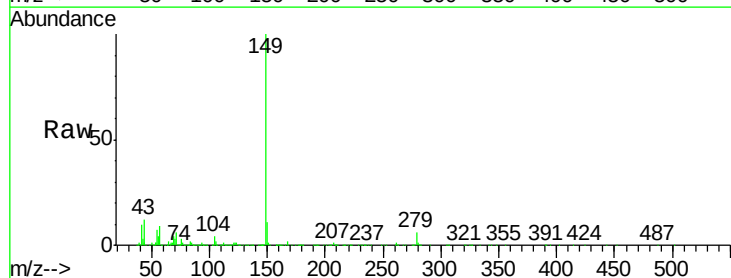
Manual Integrations
 APPROVED

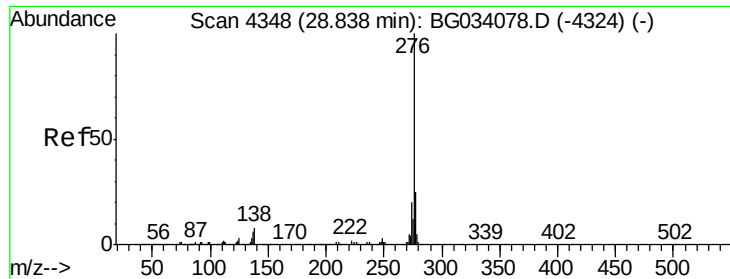
Sohil
 5/3/2018 4:59:37 PM



#84
 Di-n-octyl phthalate
 Concen: 40.565 ng
 RT: 22.92 min Scan# 3341
 Delta R.T. -0.03 min
 Lab File: BG034134.D
 Acq: 3 May 2018 2:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.0
43	11.7	8.9	13.3





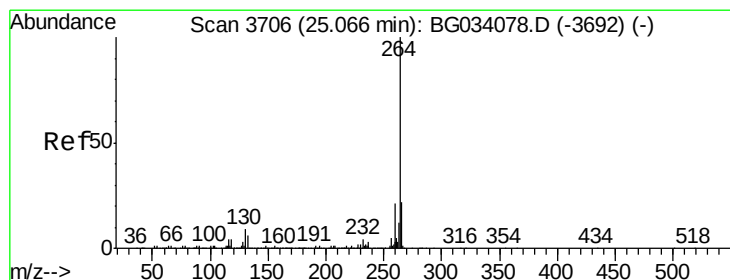
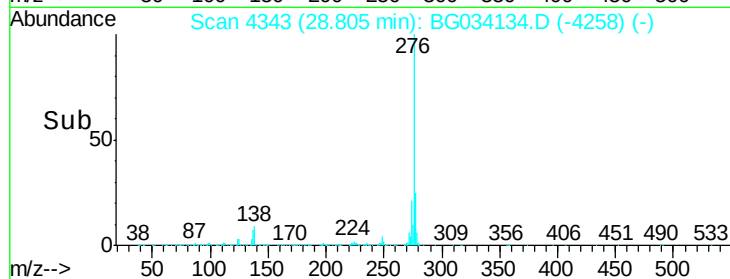
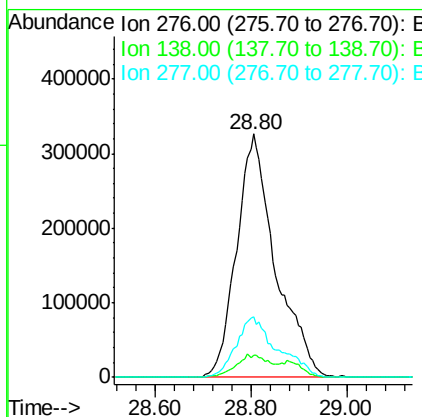
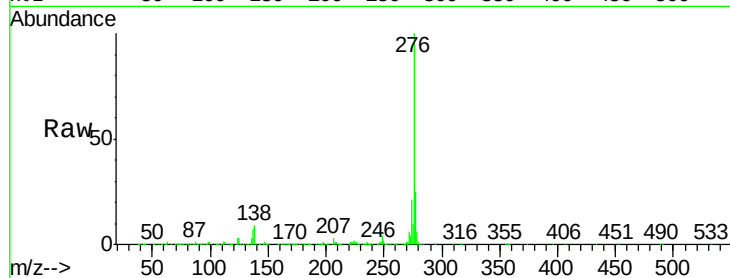
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.130 ng
RT: 28.80 min Scan# 4343
Delta R.T. -0.03 min
Lab File: BG034134.D
Acq: 3 May 2018 2:31

Instrument :
BNA_G
ClientSampleId :
PB108811BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	8.3	16.0	24.0#
277	26.3	20.0	30.0

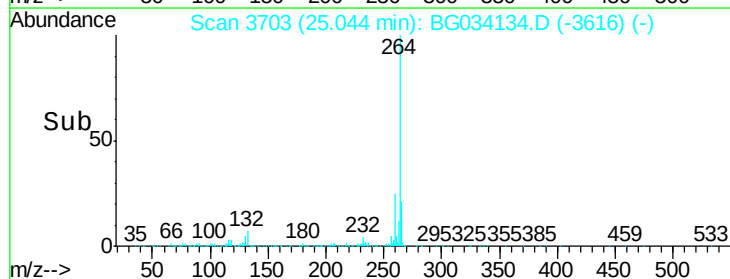
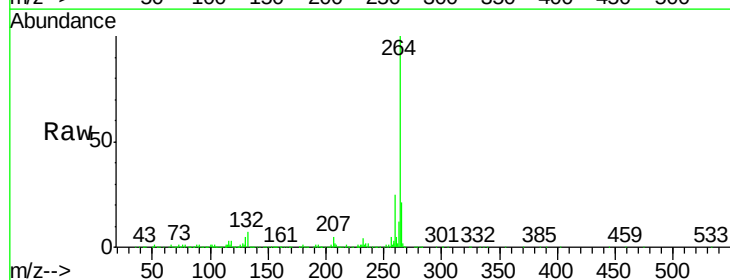
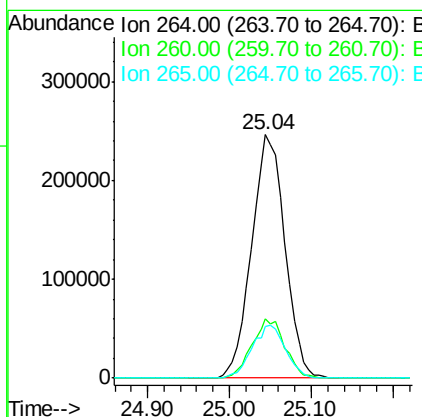
Manual Integrations
APPROVED

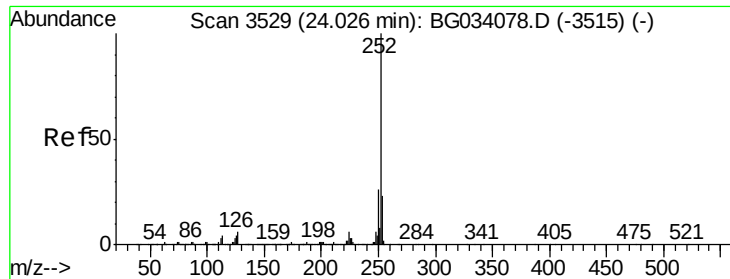
Sohil
5/3/2018 4:59:37 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.04 min Scan# 3703
Delta R.T. -0.02 min
Lab File: BG034134.D
Acq: 3 May 2018 2:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	17.4	26.0
265	21.3	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 38.798 ng

RT: 24.00 min Scan# 3526

Delta R.T. -0.02 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

Instrument :

BNA_G

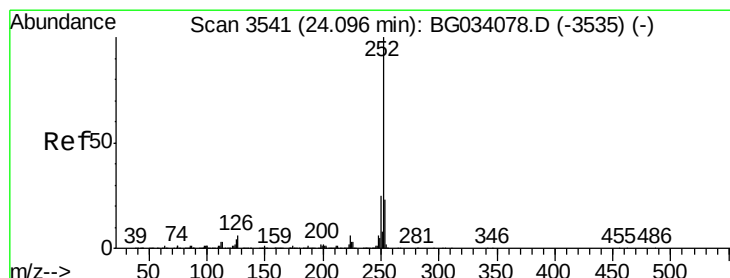
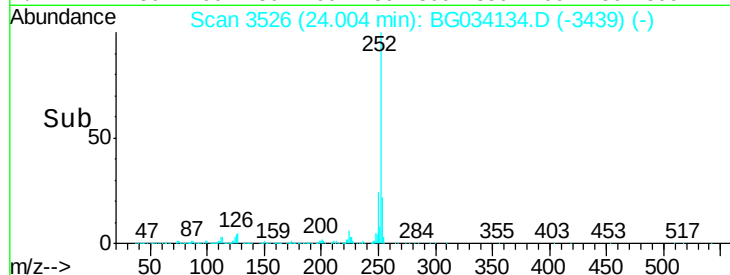
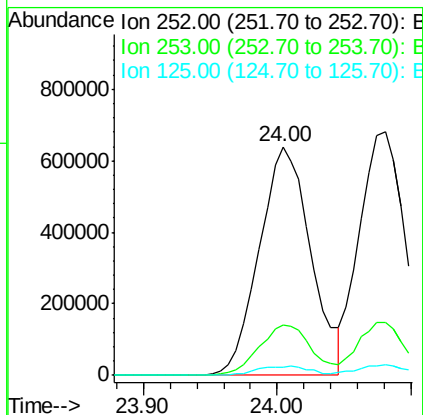
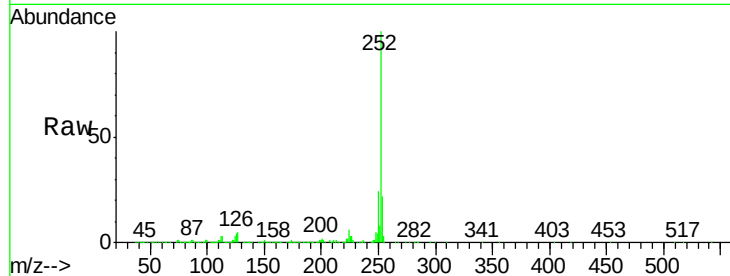
ClientSampleId :

PB108811BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	3.7	7.2	10.8

Manual Integrations
APPROVED

Sohil
5/3/2018 4:59:37 PM



#88

Benzo(k)fluoranthene

Concen: 37.578 ng

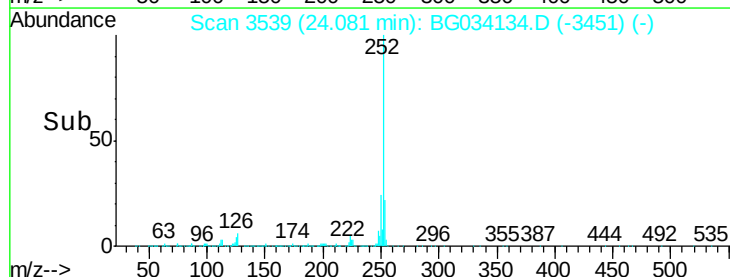
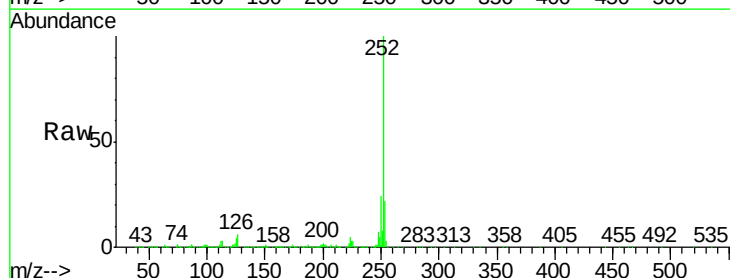
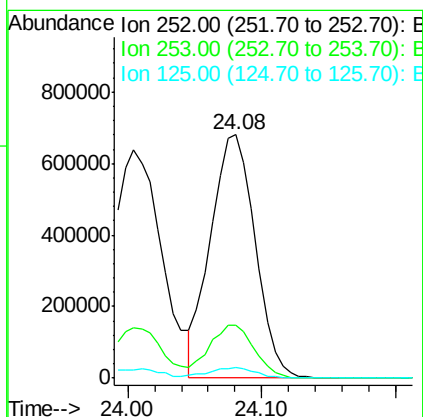
RT: 24.08 min Scan# 3539

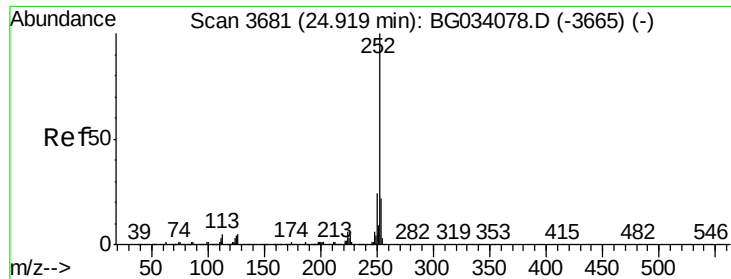
Delta R.T. -0.02 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	4.1	6.6	9.8





#89

Benzo(a)pyrene

Concen: 39.104 ng

RT: 24.90 min Scan# 3678

Delta R.T. -0.02 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

Instrument :

BNA_G

ClientSampleId :

PB108811BS

Tot Ion:252 Resp: 1614689

Ion Ratio Lower Upper

252 100

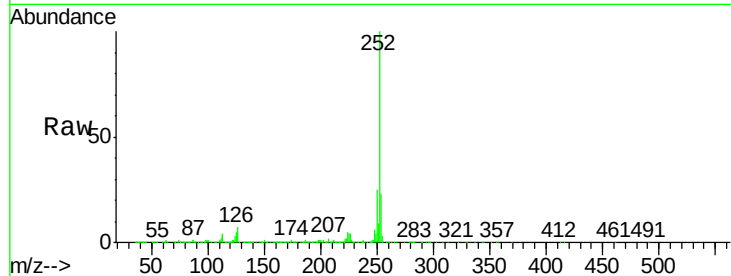
253 23.1 18.3 27.5

125 4.8 7.3 10.9#

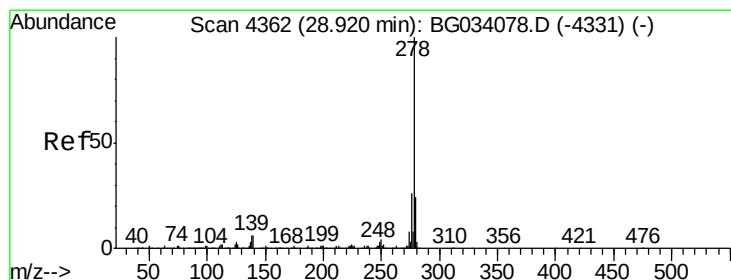
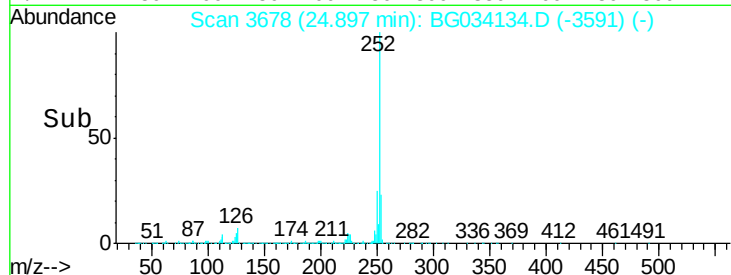
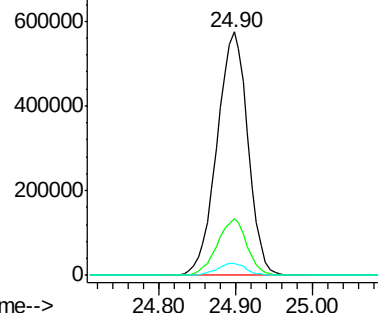
Manual Integrations
APPROVED

Sohil

5/3/2018 4:59:37 PM



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



#90

Dibenzo(a,h)anthracene

Concen: 38.663 ng

RT: 28.88 min Scan# 4356

Delta R.T. -0.04 min

Lab File: BG034134.D

Acq: 3 May 2018 2:31

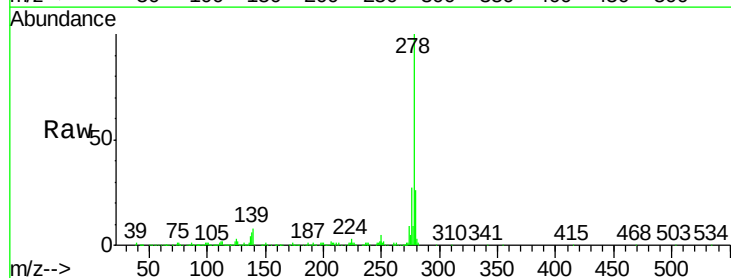
Tgt Ion:278 Resp: 1504944

Ion Ratio Lower Upper

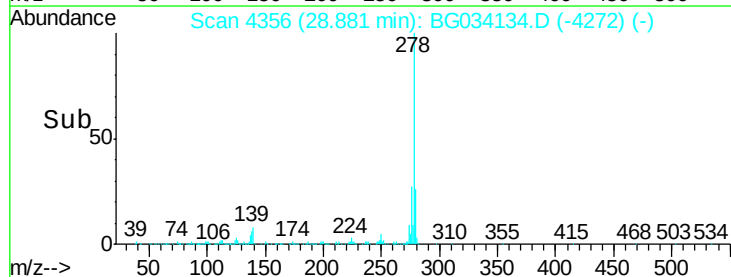
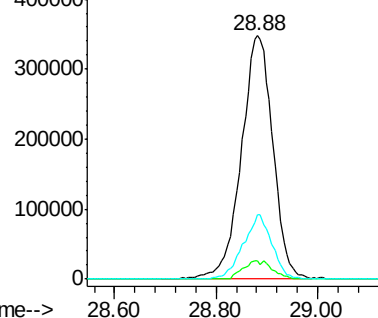
278 100

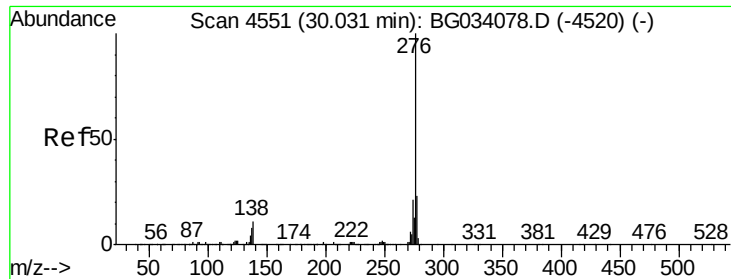
139 7.6 9.8 14.6#

279 26.2 18.4 27.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 39.166 ng
 RT: 29.99 min Scan# 4545
 Delta R.T. -0.04 min
 Lab File: BG034134.D
 Acq: 3 May 2018 2:31

Instrument :
 BNA_G
 ClientSampleId :
 PB108811BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	21.6	18.3	27.5
138	10.3	13.9	20.9

Manual Integrations
 APPROVED

Sohil
 5/3/2018 4:59:37 PM

