

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121418\
 Data File : BG038578.D
 Acq On : 14 Dec 2018 21:45
 Operator : JU/SJ
 Sample : PB115362BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115362BSD

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:11:51 PM

Quant Time: Dec 14 23:18:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	25376	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	100297	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	63413	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	158927	20.00	ng	0.00
76) Chrysene-d12	21.72	240	166063	20.00	ng	0.00
87) Perylene-d12	25.01	264	179279	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	189777	132.64	ng	0.00
7) Phenol-d6	7.22	99	246742	125.63	ng	0.00
23) Nitrobenzene-d5	9.24	82	126321	64.34	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	108544	124.20	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	286047	61.88	ng	0.00
79) Terphenyl-d14	20.04	244	567837	74.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	22142	33.253	ng	89
3) Pyridine	3.89	79	62701	34.201	ng	91
4) n-Nitrosodimethylamine	3.82	42	40221	44.775	ng	# 86
6) Aniline	7.39	93	87100	34.739	ng	100
8) 2-Chlorophenol	7.62	128	70764	42.740	ng	98
9) Benzaldehyde	7.20	77	28630	22.470	ng	96
10) Phenol	7.24	94	89182	42.739	ng	99
11) bis(2-Chloroethyl)ether	7.48	93	61260	36.874	ng	99
12) 1,3-Dichlorobenzene	7.95	146	73396	37.492	ng	97
13) 1,4-Dichlorobenzene	8.10	146	76021	37.917	ng	97
14) 1,2-Dichlorobenzene	8.41	146	73935	39.116	ng	99
15) Benzyl Alcohol	8.30	79	64204	41.880	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	141450	37.168	ng	97
17) 2-Methylphenol	8.50	107	61008	43.638	ng	96
18) Hexachloroethane	9.14	117	28326	38.663	ng	96
19) n-Nitroso-di-n-propylamine	8.86	70	51826	37.569	ng	97
20) 3+4-Methylphenols	8.83	107	83081	43.030	ng	97
22) Acetophenone	8.89	105	100626	40.167	ng	# 99
24) Nitrobenzene	9.28	77	81479	41.025	ng	99
25) Isophorone	9.79	82	146608	41.563	ng	98
26) 2-Nitrophenol	9.99	139	39848	39.200	ng	96
27) 2,4-Dimethylphenol	10.03	122	68720	47.171	ng	99
28) bis(2-Chloroethoxy)methane	10.28	93	83106	41.749	ng	98
29) 2,4-Dichlorophenol	10.52	162	72745	44.885	ng	98
30) 1,2,4-Trichlorobenzene	10.74	180	78288	39.990	ng	94
31) Naphthalene	10.93	128	211058	42.709	ng	98
32) Benzoic acid	10.18	122	33137m	38.391	ng	
33) 4-Chloroaniline	11.04	127	42933	20.011	ng	98
34) Hexachlorobutadiene	11.19	225	50734	38.300	ng	93
35) Caprolactam	11.83	113	24412m	36.397	ng	
36) 4-Chloro-3-methylphenol	12.15	107	74065	40.046	ng	96
37) 2-Methylnaphthalene	12.53	142	152387	43.224	ng	98
38) 1-Methylnaphthalene	12.75	142	147932	43.242	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	90770	38.294	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121418\
 Data File : BG038578.D
 Acq On : 14 Dec 2018 21:45
 Operator : JU/SJ
 Sample : PB115362BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115362BSD

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:11:51 PM

Quant Time: Dec 14 23:18:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	123503	94.837	nq	92
43) 2,4,6-Trichlorophenol	13.13	196	62411	42.822	nq	99
44) 2,4,5-Trichlorophenol	13.20	196	65326	42.334	nq	93
46) 1,1'-Biphenyl	13.53	154	201994	37.997	nq	99
47) 2-Chloronaphthalene	13.57	162	162543	39.583	nq	97
48) 2-Nitroaniline	13.79	65	54828	41.918	nq	96
49) Acenaphthylene	14.42	152	259802	42.321	nq	98
50) Dimethylphthalate	14.14	163	210595	40.667	nq	99
51) 2,6-Dinitrotoluene	14.28	165	47267	40.277	nq	96
52) Acenaphthene	14.76	154	150321	40.950	nq	96
53) 3-Nitroaniline	14.61	138	33478	27.985	nq	94
54) 2,4-Dinitrophenol	14.82	184	52067	74.919	nq	96
55) Dibenzofuran	15.10	168	250851	39.866	nq	98
56) 4-Nitrophenol	14.91	139	75358	83.036	nq	92
57) 2,4-Dinitrotoluene	15.07	165	67862	41.057	nq	96
58) Fluorene	15.74	166	199294	42.750	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	60675	43.704	nq	99
60) Diethylphthalate	15.50	149	218601	38.453	nq	100
61) 4-Chlorophenyl-phenylether	15.73	204	111873	38.461	nq	98
62) 4-Nitroaniline	15.78	138	50162	40.729	nq	99
63) Azobenzene	16.02	77	189416	39.885	nq	99
65) 4,6-Dinitro-2-methylphenol	15.83	198	42337	37.344	nq	95
66) n-Nitrosodiphenylamine	15.95	169	182663	39.117	nq	97
67) 4-Bromophenyl-phenylether	16.62	248	73247	37.738	nq	89
68) Hexachlorobenzene	16.74	284	75552	37.550	nq	99
69) Atrazine	16.89	200	76295	44.026	nq	94
70) Pentachlorophenol	17.09	266	88871	74.676	nq	94
71) Phenanthrene	17.49	178	349755	42.439	nq	99
72) Anthracene	17.58	178	361128	44.386	nq	99
73) Carbazole	17.85	167	328374	40.810	nq	98
74) Di-n-butylphthalate	18.38	149	399329	43.251	nq	100
75) Fluoranthene	19.49	202	453869	44.510	nq	98
77) Benzidine	19.68	184	224351	45.682	nq	100
78) Pyrene	19.86	202	454917	41.467	nq	99
80) Butylbenzylphthalate	20.73	149	181515	42.350	nq	100
81) Benzo(a)anthracene	21.70	228	441714	43.652	nq	99
82) 3,3'-Dichlorobenzidine	21.62	252	112864	28.123	nq	99
83) Chrysene	21.77	228	408328	41.894	nq	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	253916	41.771	nq	99
85) Di-n-octyl phthalate	22.80	149	429689	42.207	nq	100
86) Indeno(1,2,3-cd)pyrene	28.80	276	489935	42.757	nq	# 59
88) Benzo(b)fluoranthene	23.96	252	438178	44.516	nq	98
89) Benzo(k)fluoranthene	24.03	252	420990	42.951	nq	98
90) Benzo(a)pyrene	24.86	252	425008	44.756	nq	99
91) Dibenzo(a,h)anthracene	28.86	278	410017	43.365	nq	100
92) Benzo(g,h,i)perylene	29.99	276	408453	43.835	nq	99

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

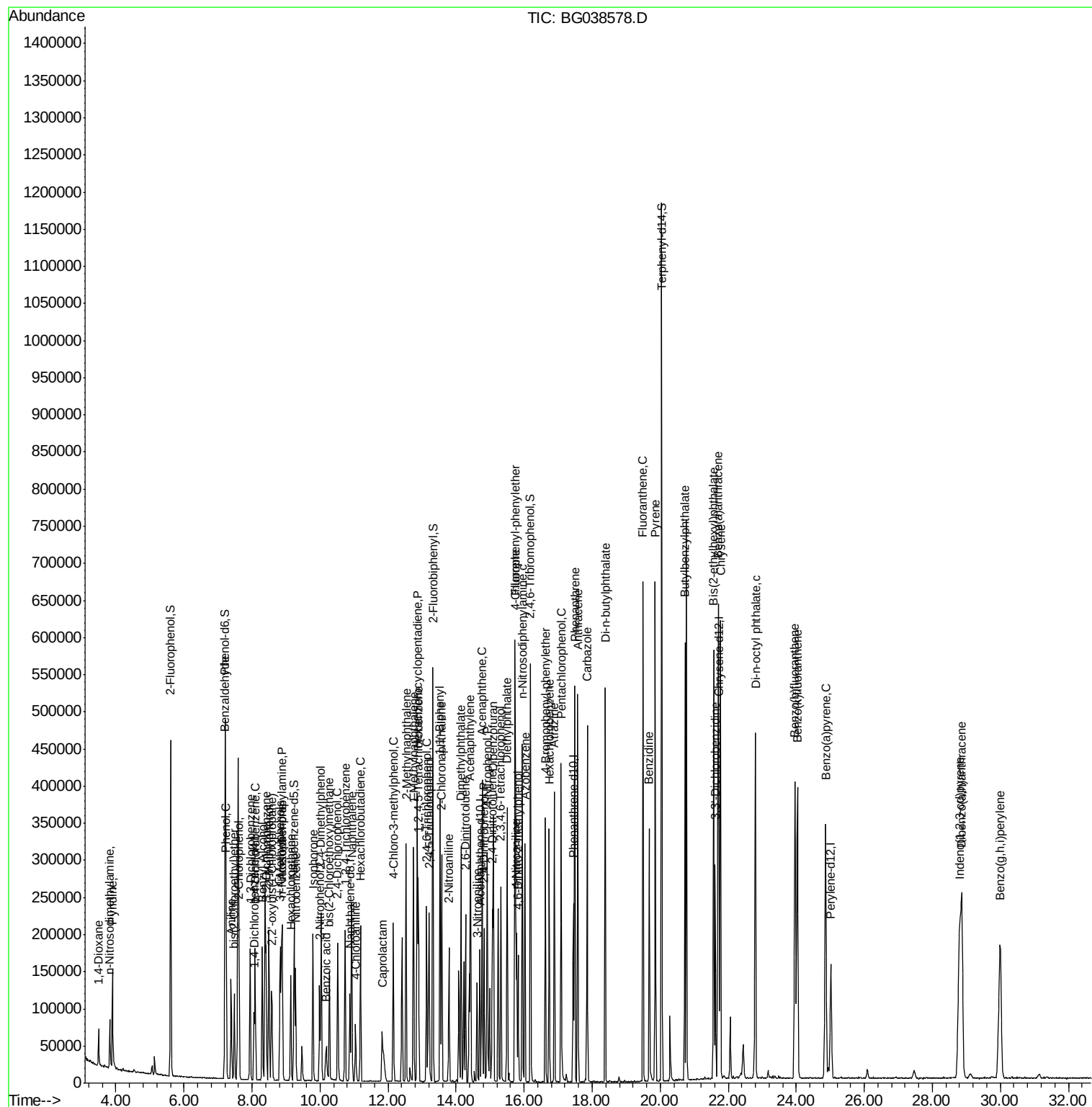
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121418\
Data File : BG038578.D
Acq On : 14 Dec 2018 21:45
Operator : JU/SJ
Sample : PB115362BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

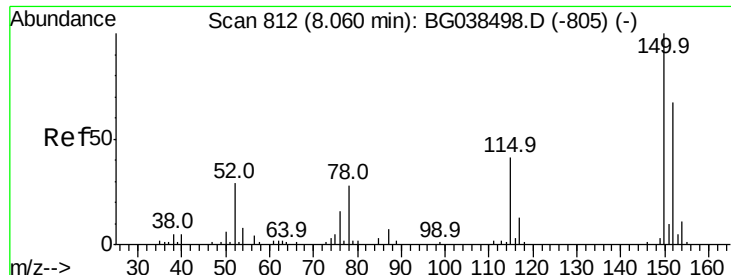
Instrument :
BNA_G
ClientSampleId :
PB115362BSD

Manual Integrations
APPROVED

Sohil
12/17/2018 4:11:51 PM

Quant Time: Dec 14 23:18:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration





#1

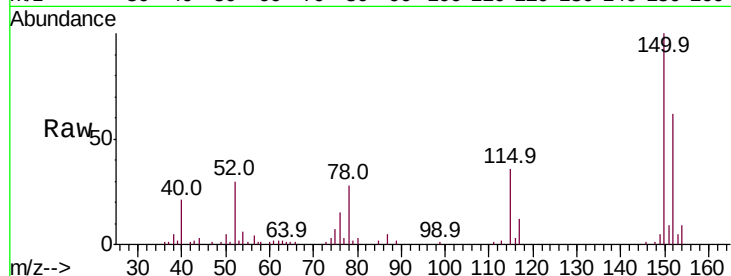
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Instrument :
BNA_G
ClientSampleId :
PB115362BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.9	119.5	179.3
115	57.9	49.6	74.4

Manual Integrations
APPROVED

Sohil
12/17/2018 4:11:51 PM

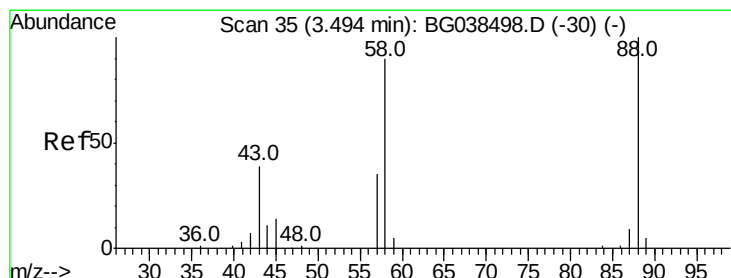
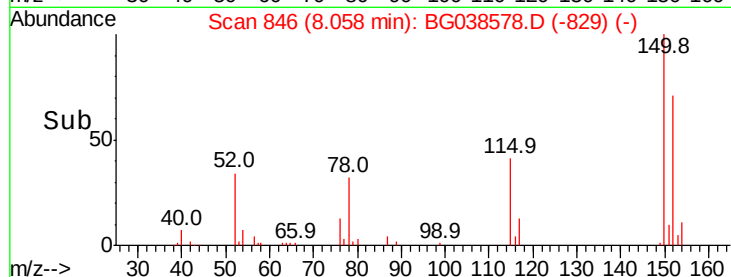
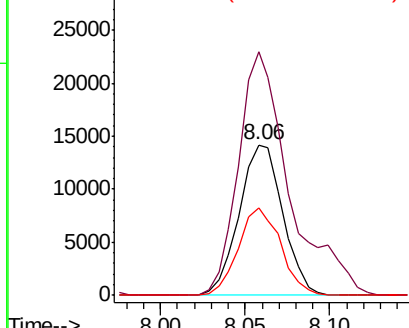


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

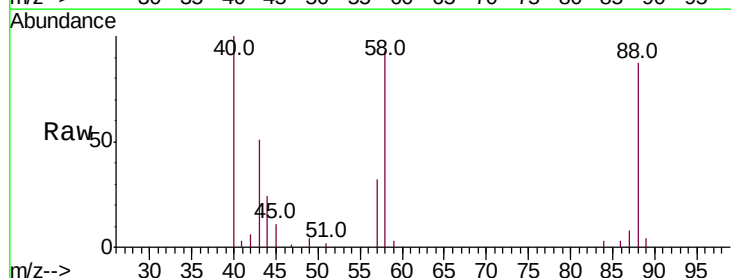
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.253 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.01 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	106.5	75.7	113.5
43	44.5	31.6	47.4

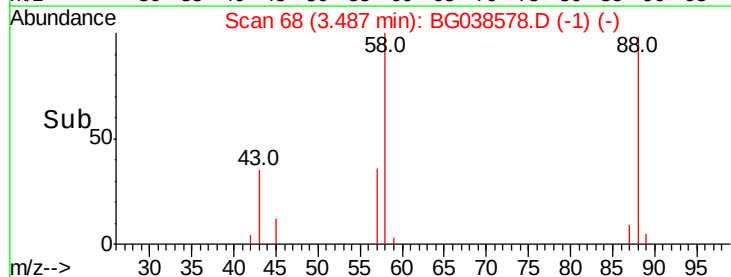
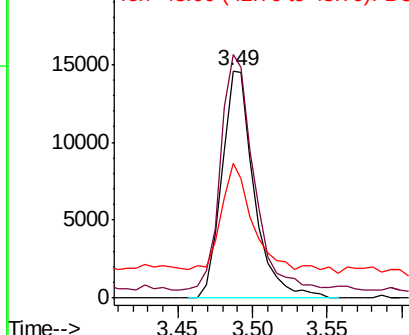


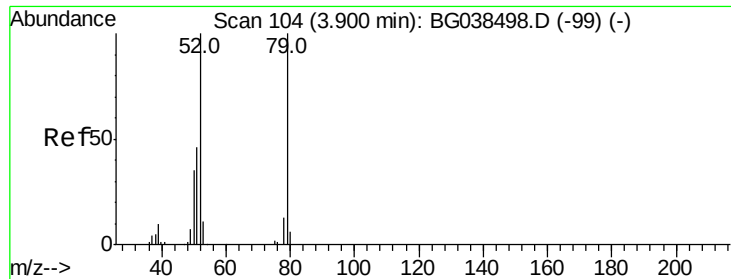
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





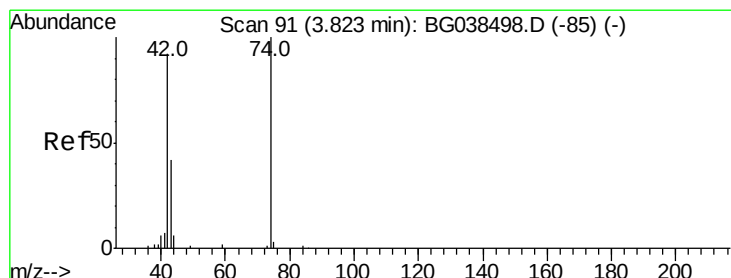
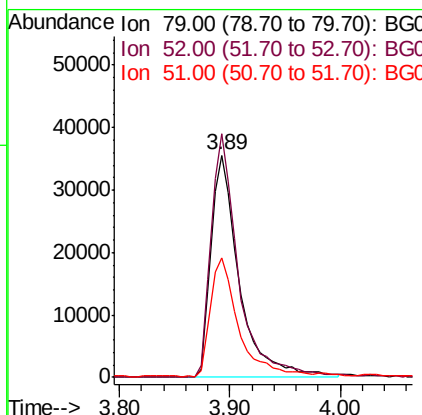
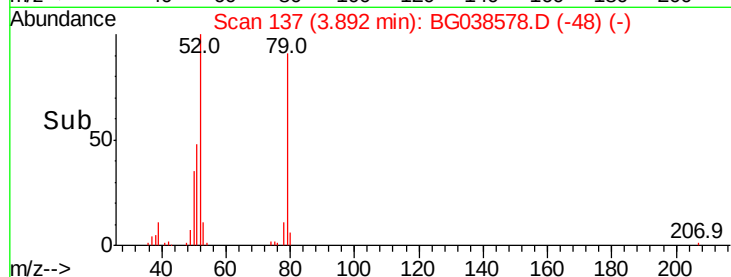
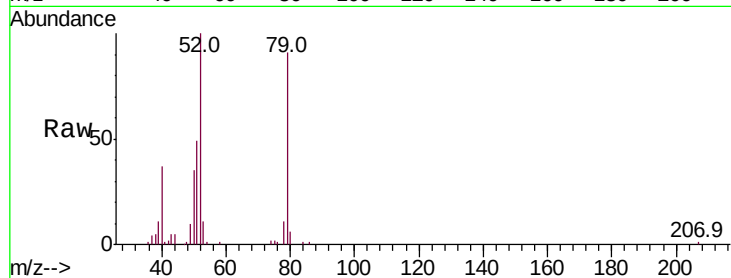
#3
 Pvrindine
 Concen: 34.201 ng
 RT: 3.89 min Scan# 137
 Delta R.T. -0.01 min
 Lab File: BG038578.D
 Acq: 14 Dec 2018 21:45

Instrument :
 BNA_G
 ClientSampleId :
 PB115362BSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	109.6	80.2	120.2
51	53.9	38.0	57.0

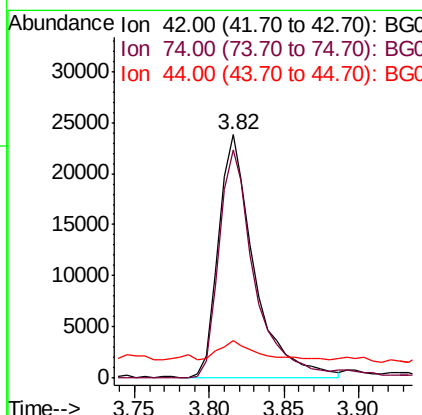
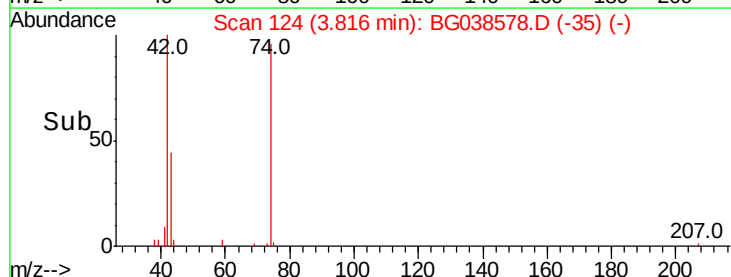
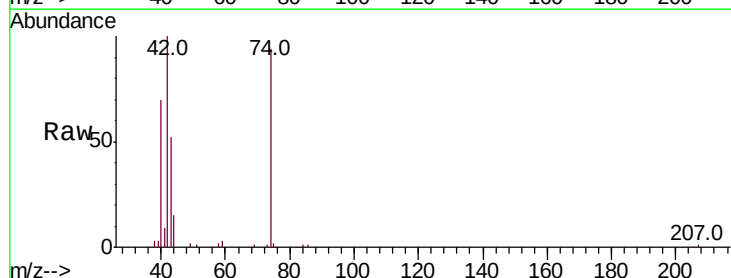
Manual Integrations
 APPROVED

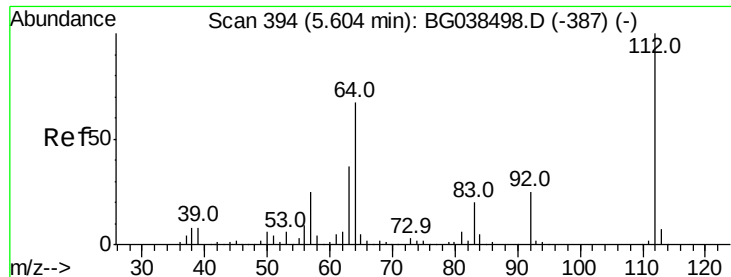
Sohil
 12/17/2018 4:11:51 PM



#4
 n-Nitrosodimethylamine
 Concen: 44.775 ng
 RT: 3.82 min Scan# 124
 Delta R.T. -0.01 min
 Lab File: BG038578.D
 Acq: 14 Dec 2018 21:45

Tgt Ion	Ratio	Lower	Upper
42	100		
74	94.0	86.7	130.1
44	15.4	7.8	11.8#





#5

2-Fluorophenol

Concen: 132.644 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG038578.D

Acq: 14 Dec 2018 21:45

Instrument :

BNA_G

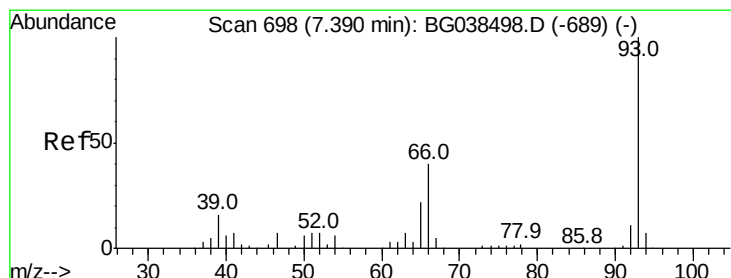
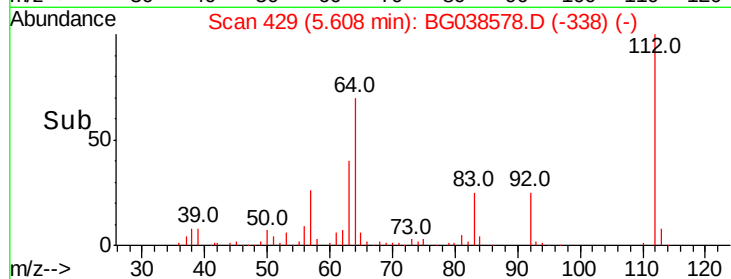
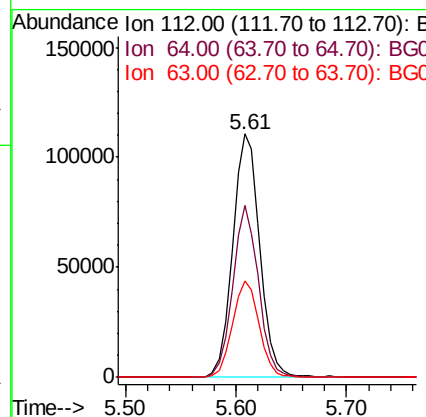
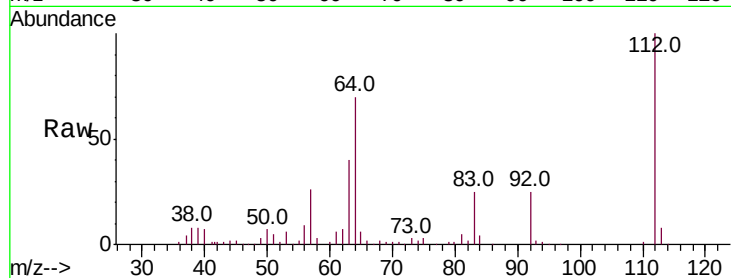
ClientSampleId :

PB115362BSD

Tot Ion:	112	Resp:	189777
Ion Ratio	Lower	Upper	
112	100		
64	70.5	53.4	80.2
63	39.8	29.3	43.9

Manual Integrations
APPROVED

Sohil
12/17/2018 4:11:51 PM



#6

Aniline

Concen: 34.739 ng

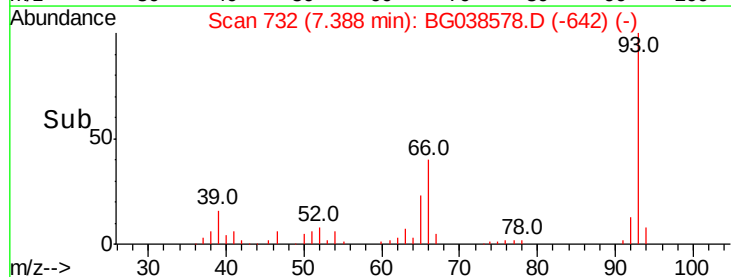
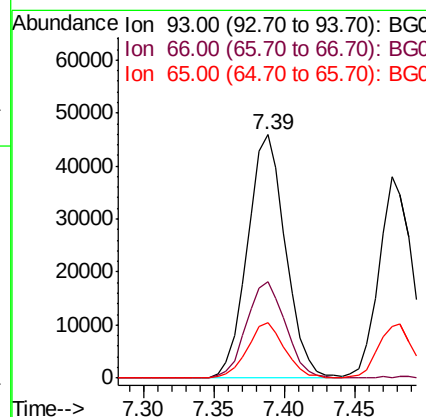
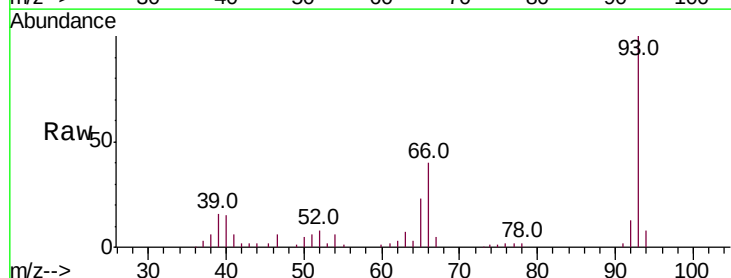
RT: 7.39 min Scan# 732

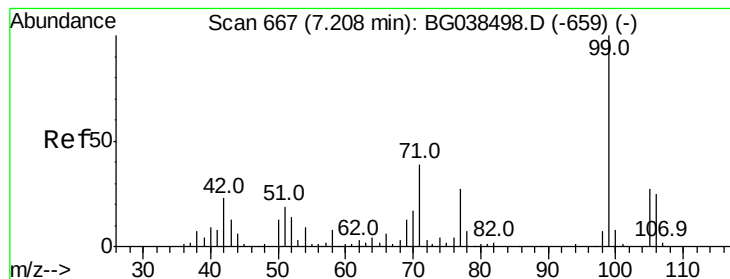
Delta R.T. -0.00 min

Lab File: BG038578.D

Acq: 14 Dec 2018 21:45

Tgt Ion:	93	Resp:	87100
Ion Ratio	Lower	Upper	
93	100		
66	39.6	31.7	47.5
65	22.7	17.8	26.6





#7

Phenol-d6

Concen: 125.626 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG038578.D

Acq: 14 Dec 2018 21:45

Instrument :

BNA_G

ClientSampleId :

PB115362BSD

Tot Ion: 99 Resp: 246742

Ion Ratio Lower Upper

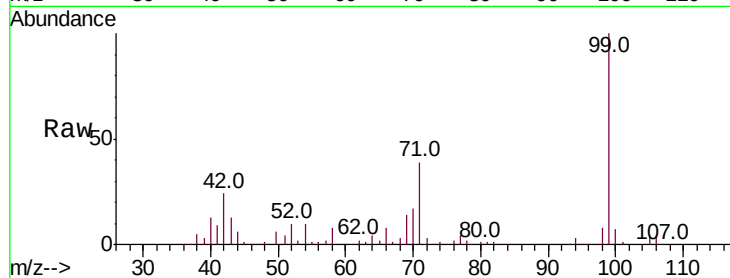
99 100

42 24.1 18.5 27.7

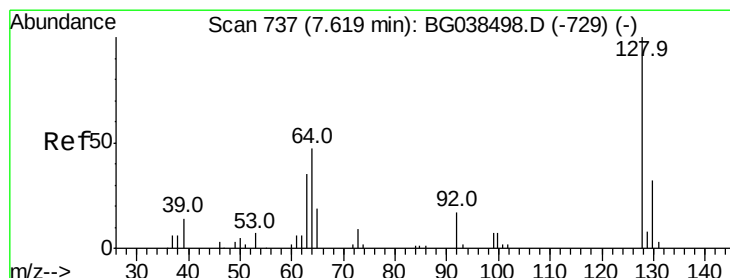
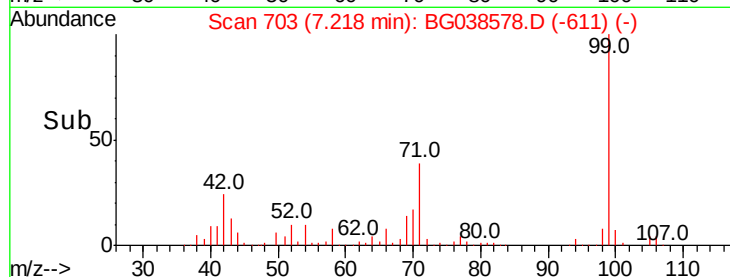
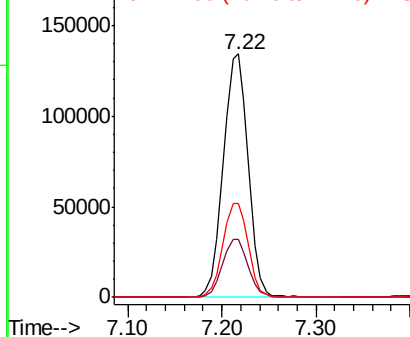
71 38.7 31.1 46.7

Manual Integrations
APPROVED

Sohil
12/17/2018 4:11:51 PM



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



#8

2-Chlorophenol

Concen: 42.740 ng

RT: 7.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BG038578.D

Acq: 14 Dec 2018 21:45

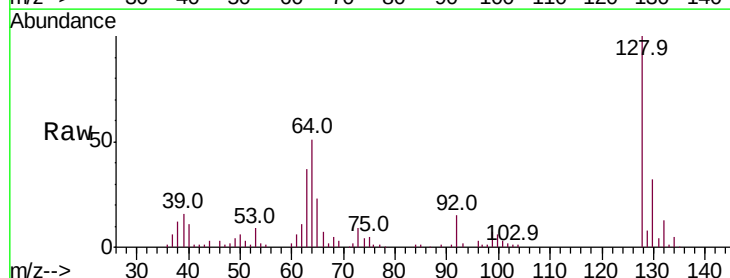
Tgt Ion: 128 Resp: 70764

Ion Ratio Lower Upper

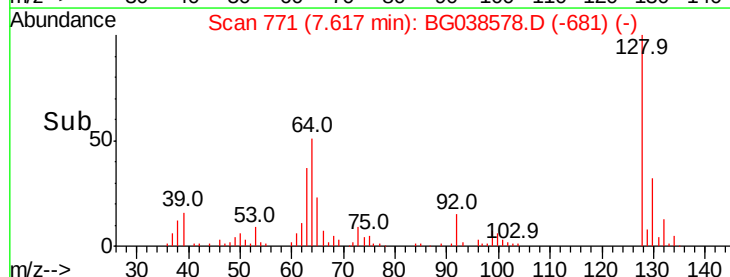
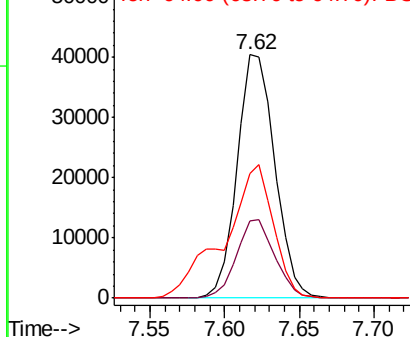
128 100

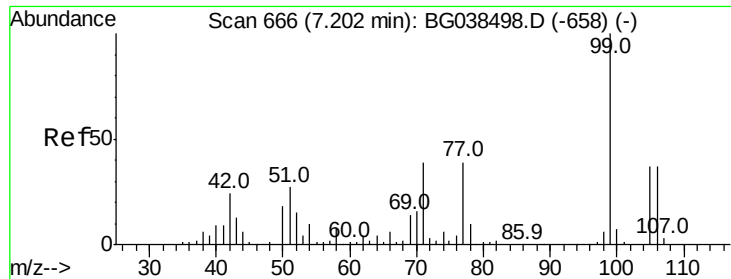
130 32.0 11.8 51.8

64 50.9 33.2 73.2



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





#9

Benzaldehyde

Concen: 22.470 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038578.D

Acq: 14 Dec 2018 21:45

Instrument :

BNA_G

ClientSampleId :

PB115362BSD

Tot Ion: 77 Resp: 28630

Ion Ratio Lower Upper

77 100

105 97.5 74.0 114.0

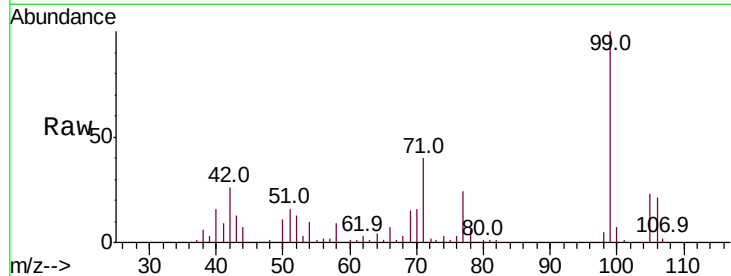
106 90.0 73.9 113.9

Manual Integrations

APPROVED

Sohil

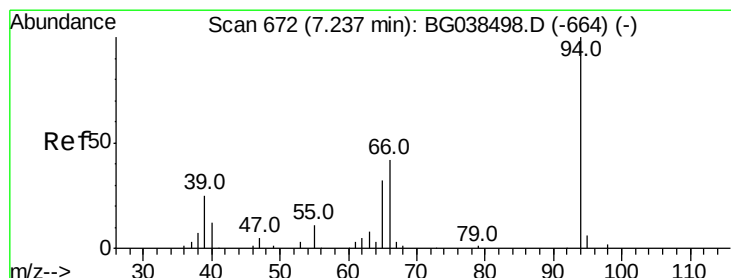
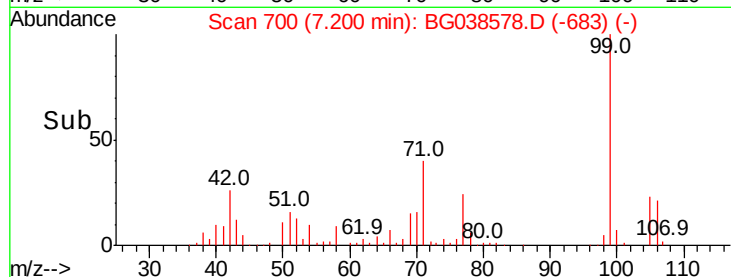
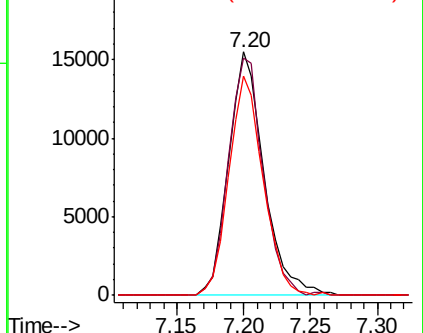
12/17/2018 4:11:51 PM



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 42.739 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG038578.D

Acq: 14 Dec 2018 21:45

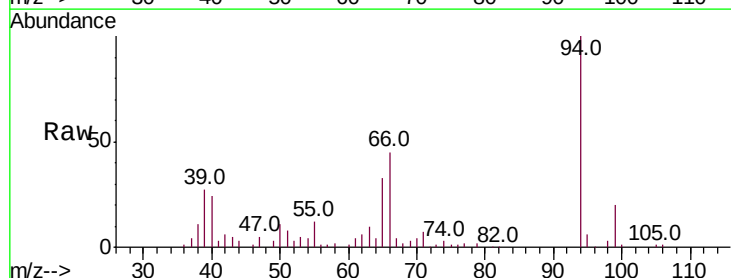
Tgt Ion: 94 Resp: 89182

Ion Ratio Lower Upper

94 100

65 33.1 12.6 52.6

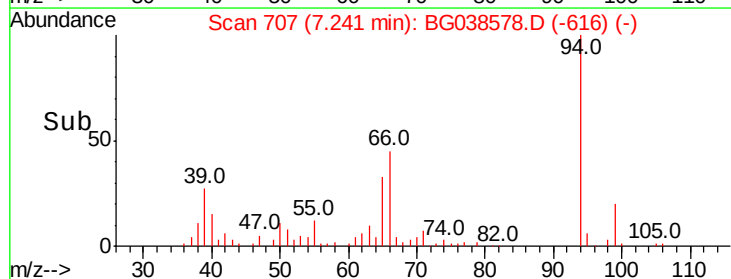
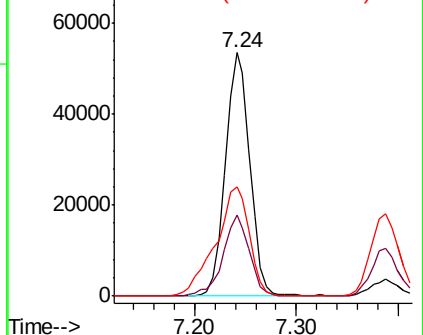
66 45.0 24.1 64.1

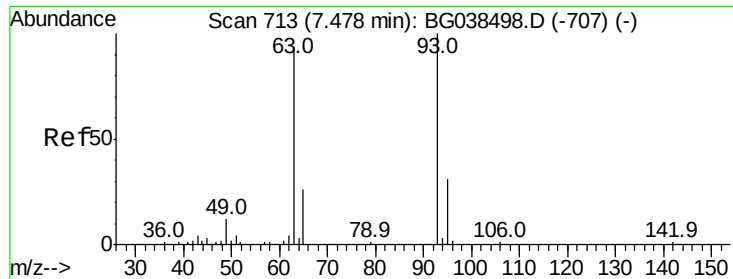


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





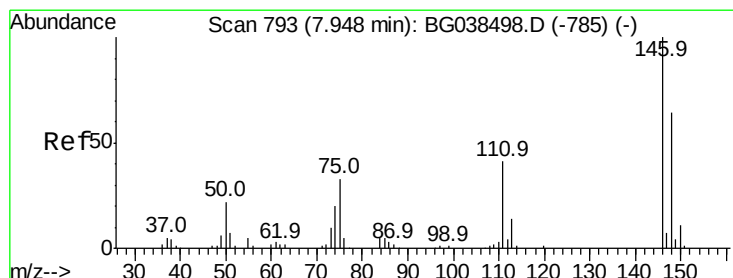
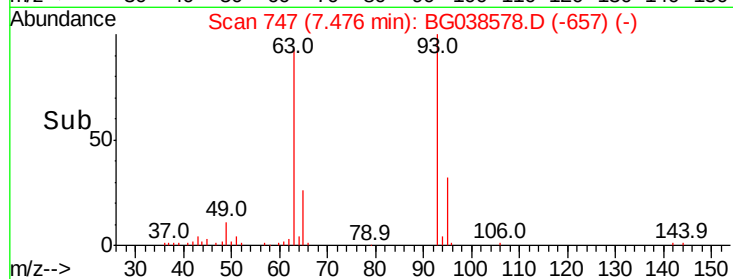
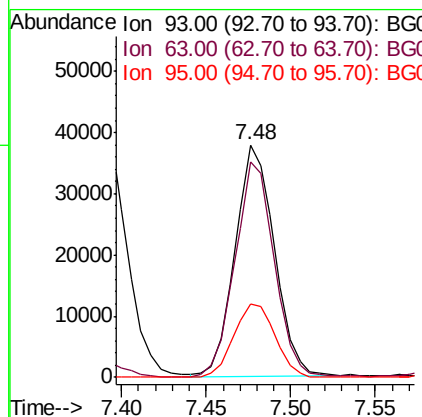
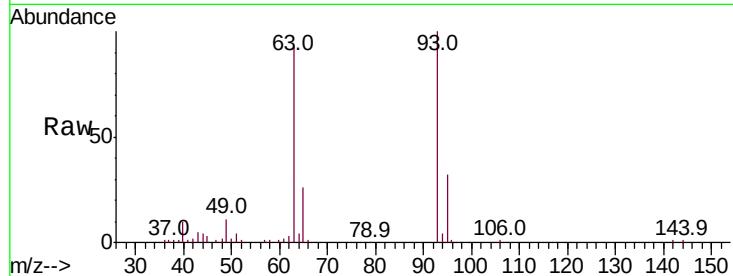
#11
bis(2-Chloroethyl)ether
Concen: 36.874 ng
RT: 7.48 min Scan# 747
Delta R.T. -0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Instrument :
BNA_G
ClientSampleId :
PB115362BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	92.9	72.2	112.2
95	31.6	11.2	51.2

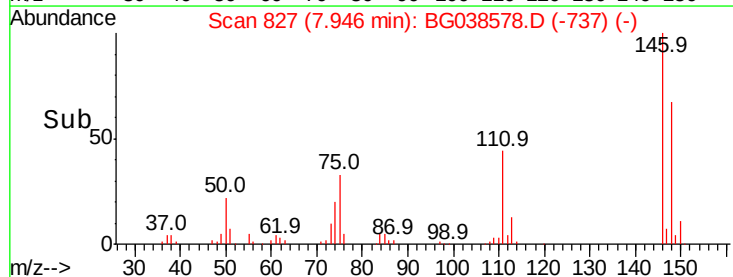
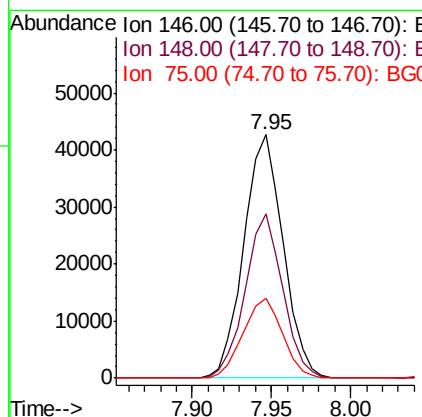
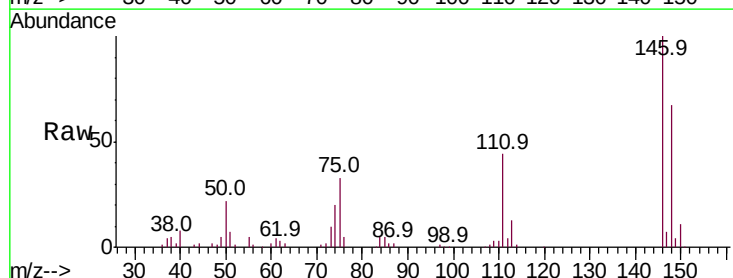
Manual Integrations
APPROVED

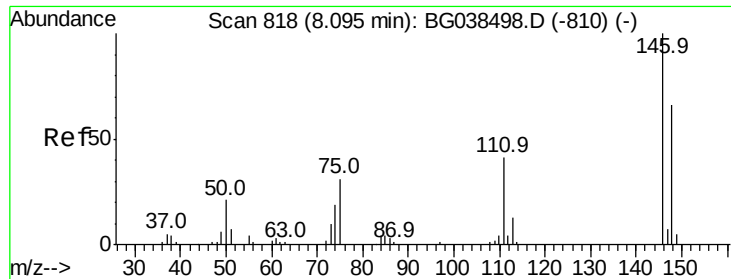
Sohil
12/17/2018 4:11:51 PM



#12
1,3-Dichlorobenzene
Concen: 37.492 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.3	51.4	77.0
75	32.9	26.1	39.1





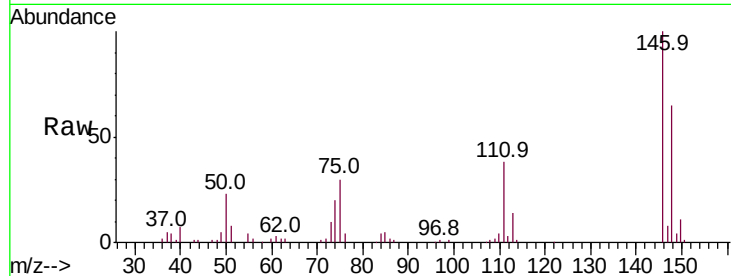
#13
1,4-Dichlorobenzene
Concen: 37.917 ng
RT: 8.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Instrument :
BNA_G
ClientSampleId :
PB115362BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.4	78.6
111	37.6	33.0	49.4

Manual Integrations
APPROVED

Sohil
12/17/2018 4:11:51 PM

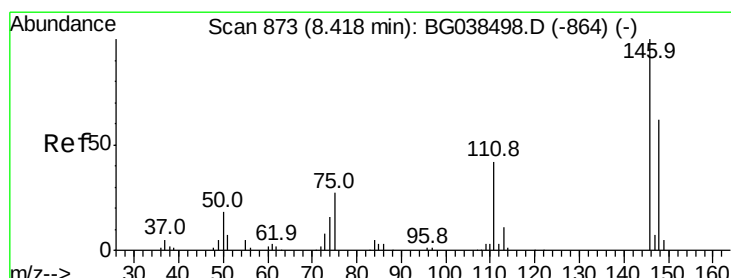
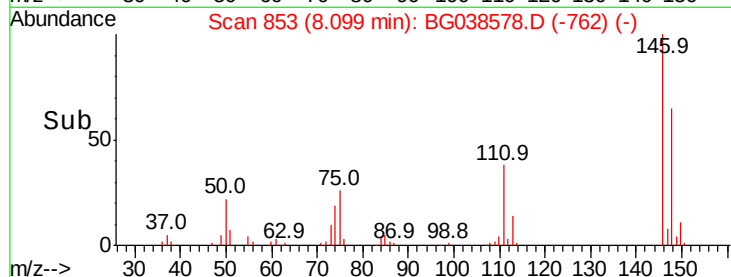
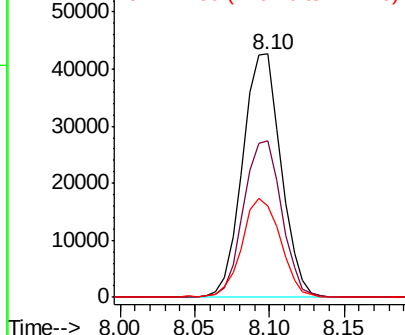


Abundance

Ion 146.00 (145.70 to 146.70): E

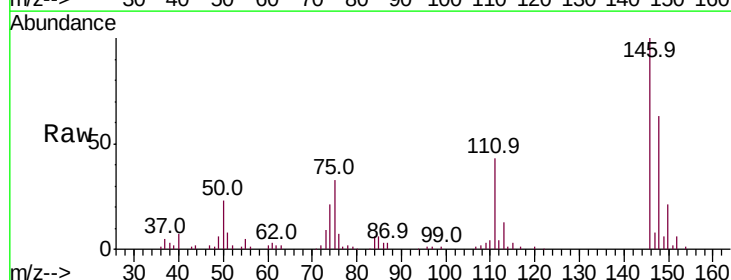
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 39.116 ng
RT: 8.41 min Scan# 906
Delta R.T. -0.01 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	49.4	74.0
111	42.7	33.8	50.6

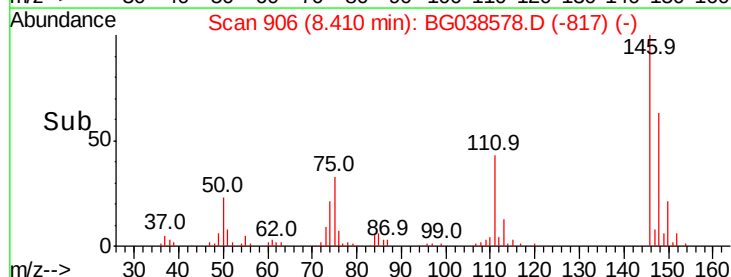
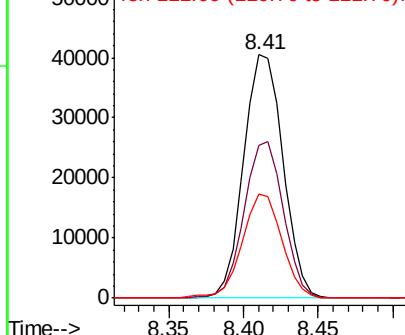


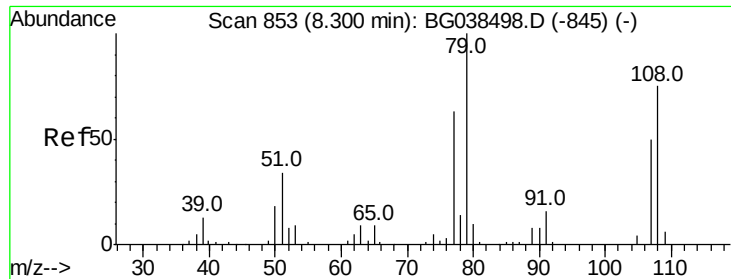
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.880 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG038578.D

Acq: 14 Dec 2018 21:45

Instrument :

BNA_G

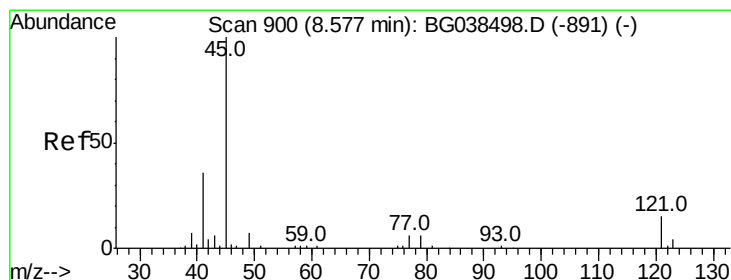
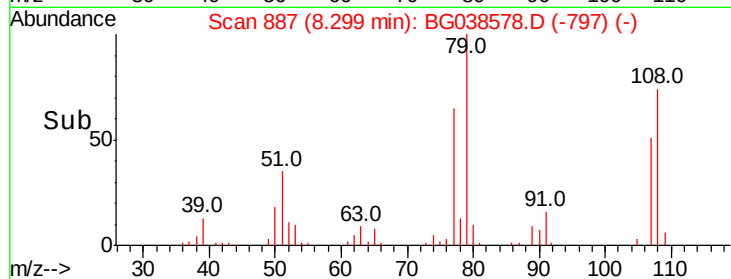
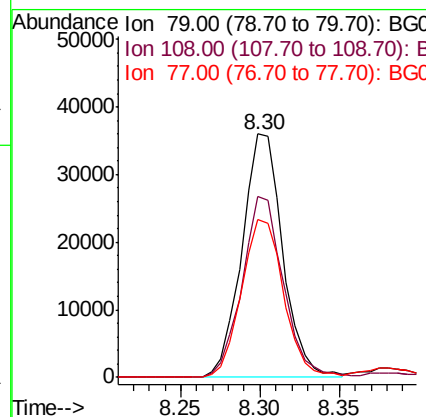
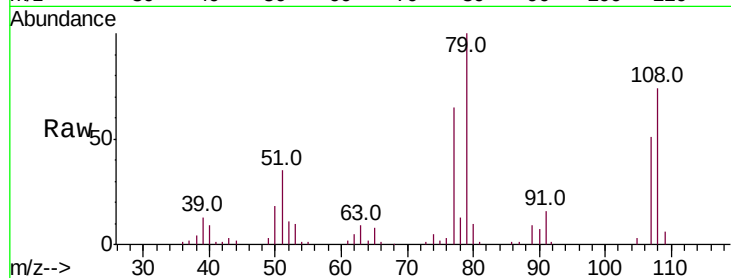
ClientSampleId :

PB115362BSD

Tot Ion:	79	Resp:	64204
Ion Ratio	Lower	Upper	
79	100		
108	74.0	60.2	90.4
77	65.0	50.7	76.1

Manual Integrations
APPROVED

Sohil
12/17/2018 4:11:51 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.168 ng

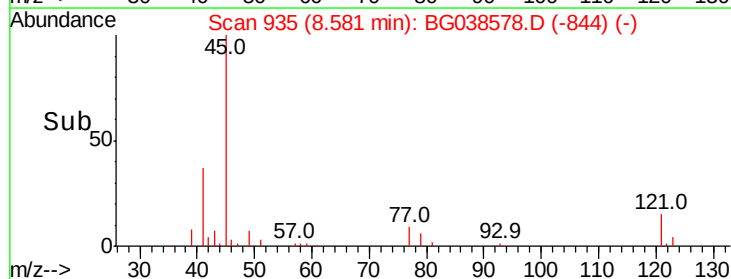
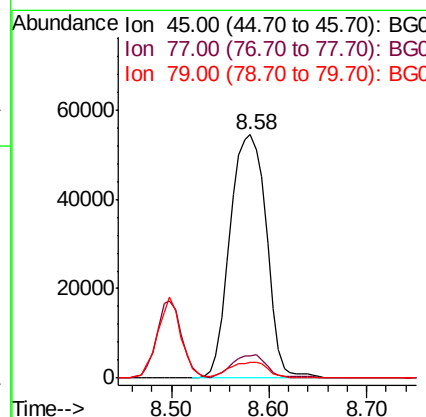
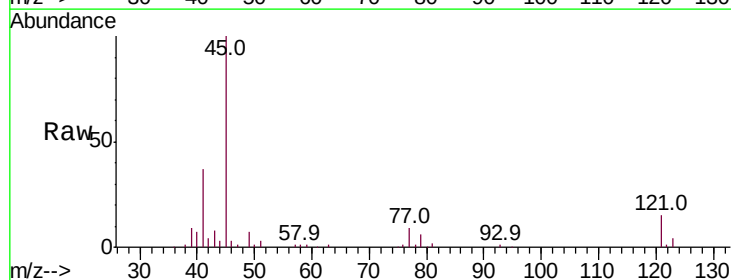
RT: 8.58 min Scan# 935

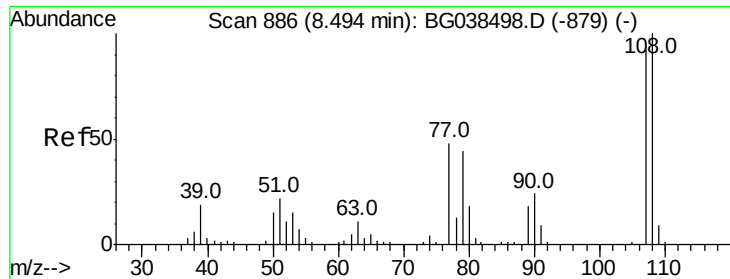
Delta R.T. 0.00 min

Lab File: BG038578.D

Acq: 14 Dec 2018 21:45

Tgt Ion:	45	Resp:	141450
Ion Ratio	Lower	Upper	
45	100		
77	9.4	0.0	28.2
79	6.4	0.0	27.2





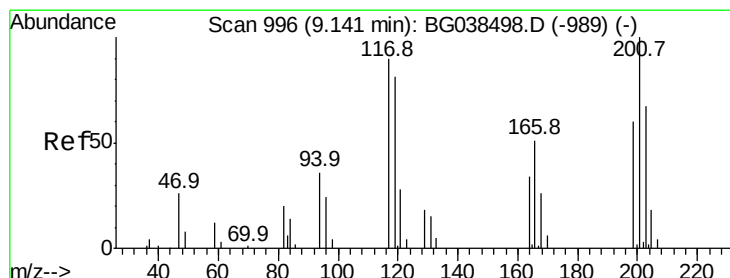
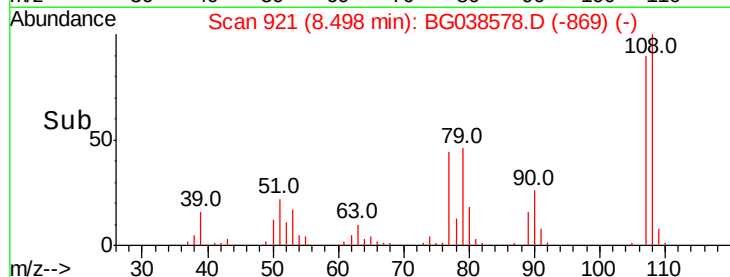
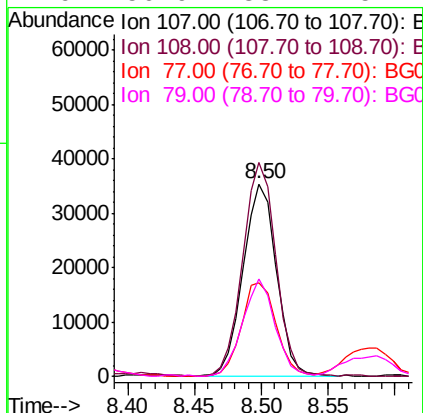
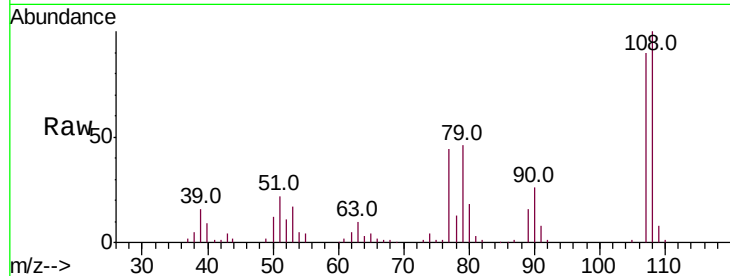
#17
2-Methylphenol
Concen: 43.638 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Instrument :
BNA_G
ClientSampleId :
PB115362BSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.1	87.1	130.7
77	48.6	42.0	63.0
79	50.9	38.2	57.2

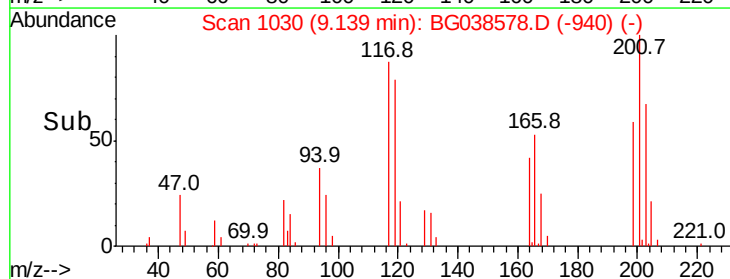
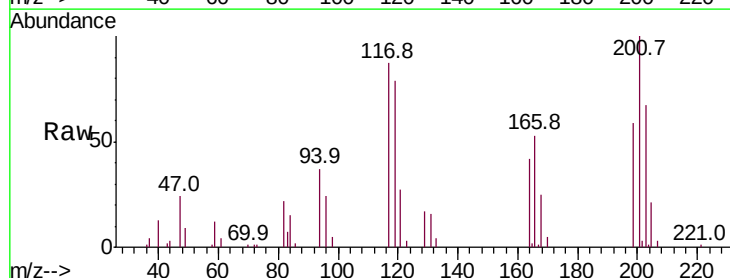
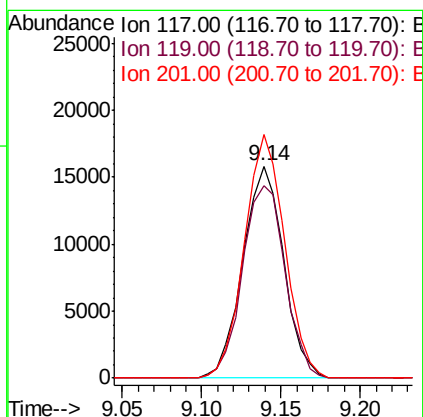
Manual Integrations
APPROVED

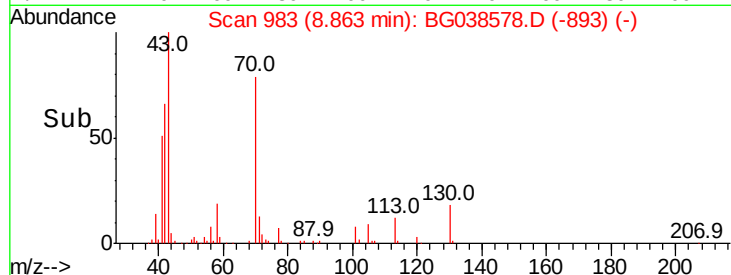
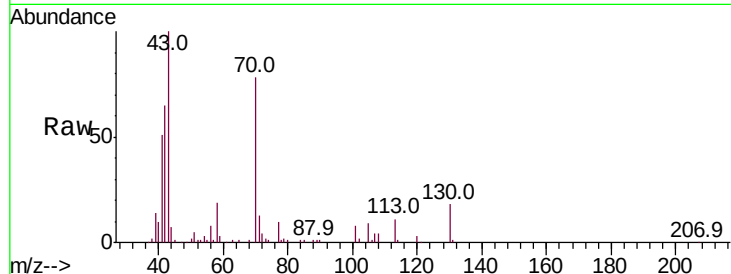
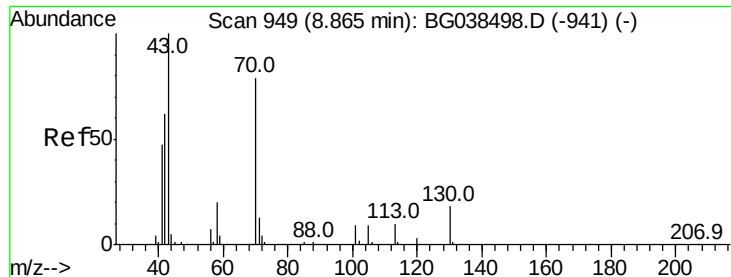
Sohil
12/17/2018 4:11:51 PM



#18
Hexachloroethane
Concen: 38.663 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.2	73.8	110.8
201	118.9	89.4	134.0





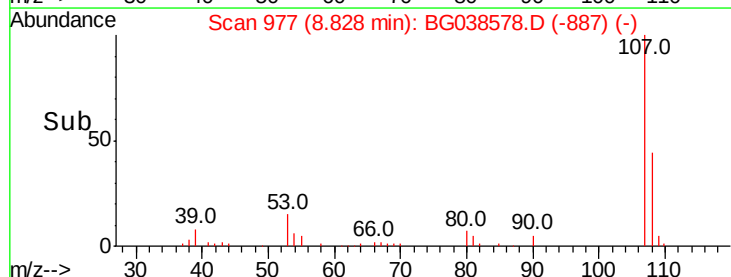
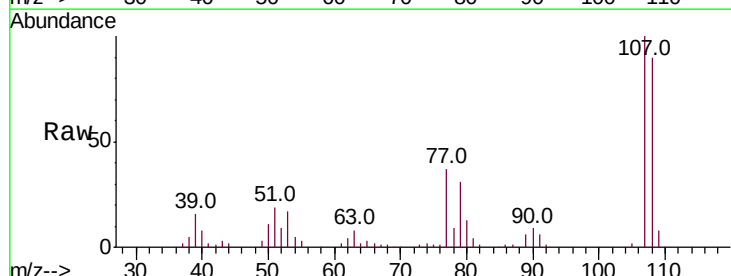
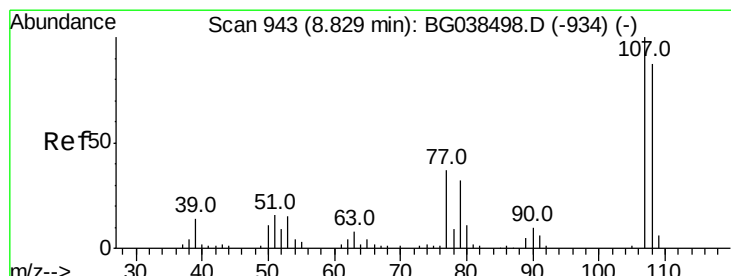
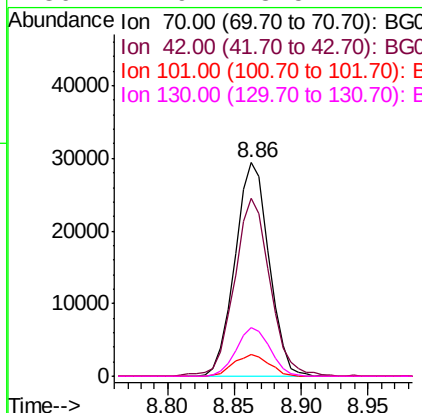
#19
n-Nitroso-di-n-propylamine
Concen: 37.569 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Instrument :
BNA_G
ClientSampleId :
PB115362BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	83.4	63.6	95.4
101	10.4	9.2	13.8
130	22.9	18.5	27.7

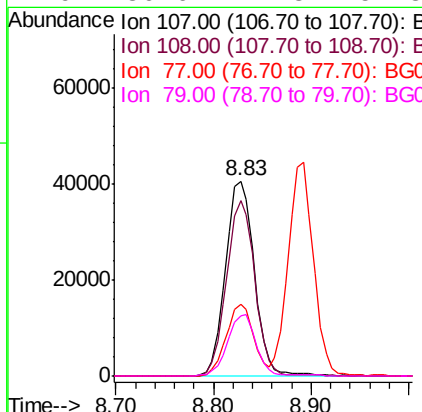
Manual Integrations
APPROVED

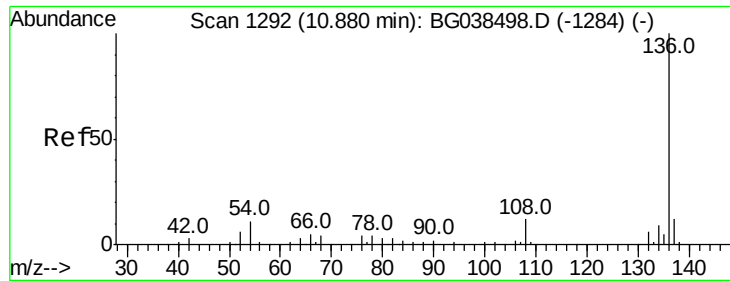
Sohil
12/17/2018 4:11:51 PM



#20
3+4-Methylphenols
Concen: 43.030 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.9	66.7	106.7
77	36.8	17.3	57.3
79	30.6	12.3	52.3





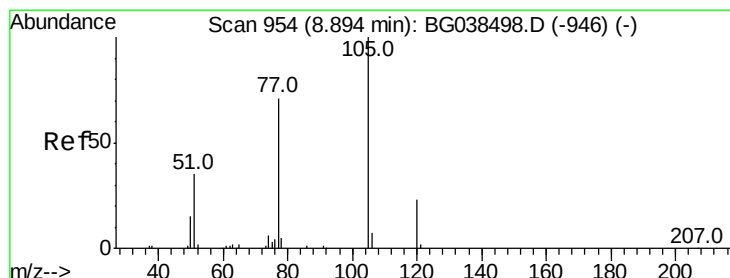
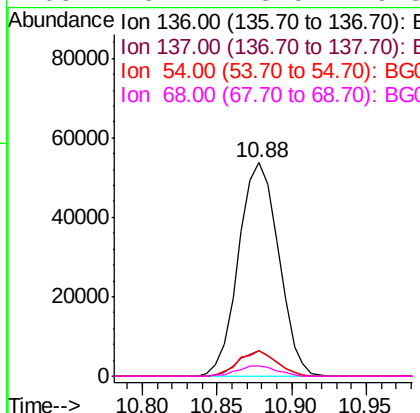
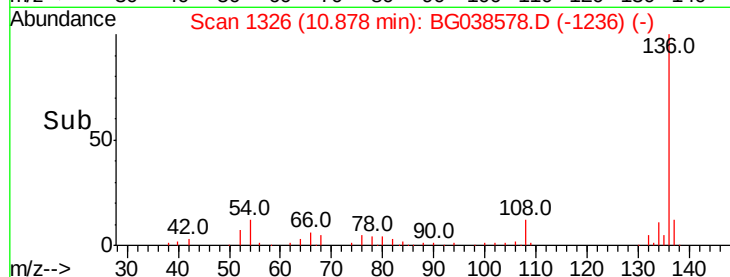
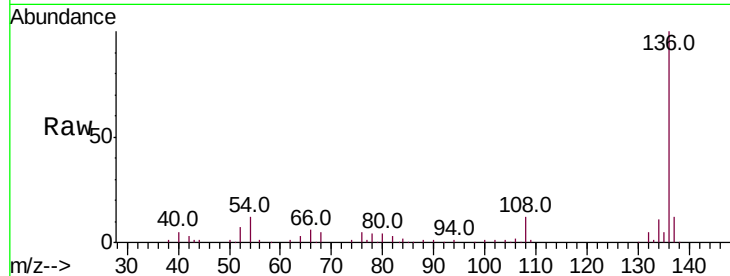
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Instrument :
BNA_G
ClientSampleId :
PB115362BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	100297		
137	12.0		9.3	13.9
54	12.1		8.5	12.7
68	5.1		3.5	5.3

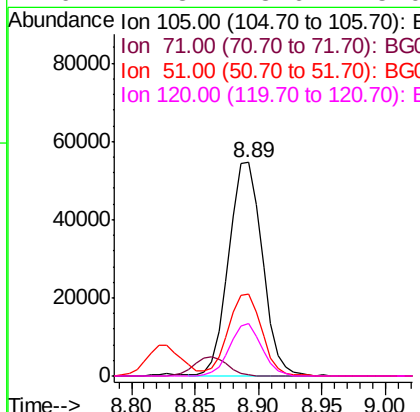
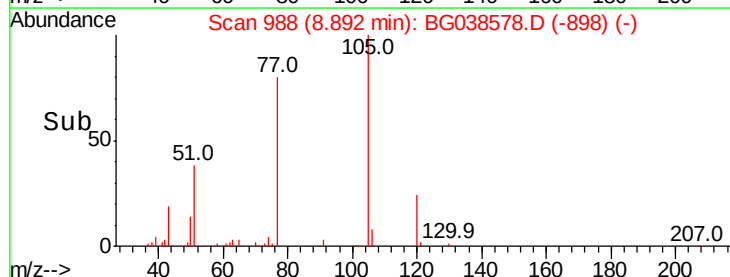
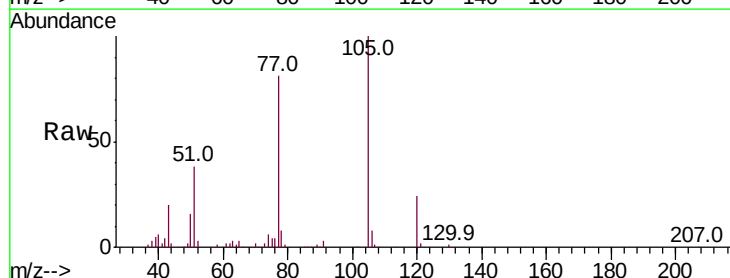
Manual Integrations
APPROVED

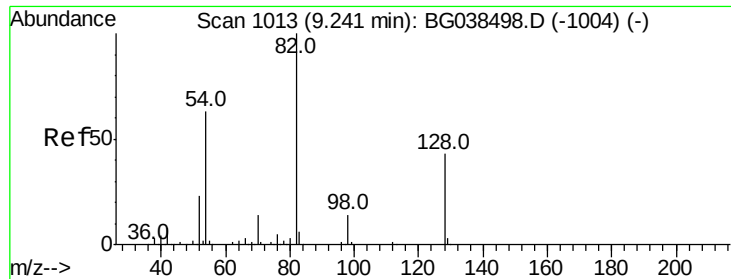
Sohil
12/17/2018 4:11:51 PM



#22
Acetophenone
Concen: 40.167 ng
RT: 8.89 min Scan# 988
Delta R.T. -0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	100626		
71	0.3		0.4	0.6#
51	38.2		30.6	46.0
120	24.3		18.6	28.0





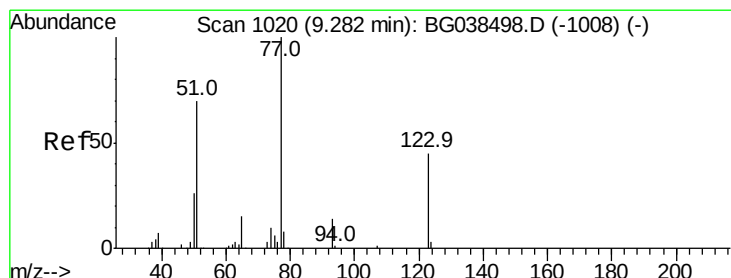
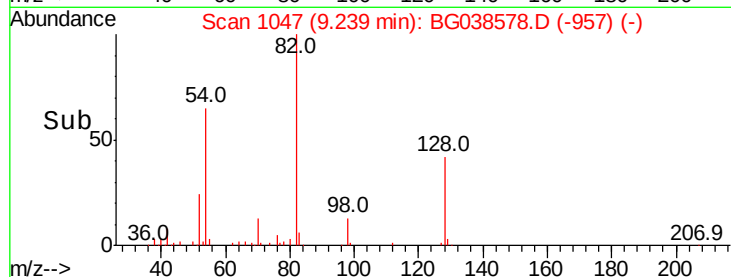
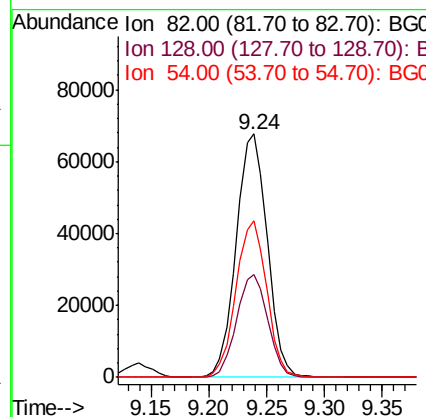
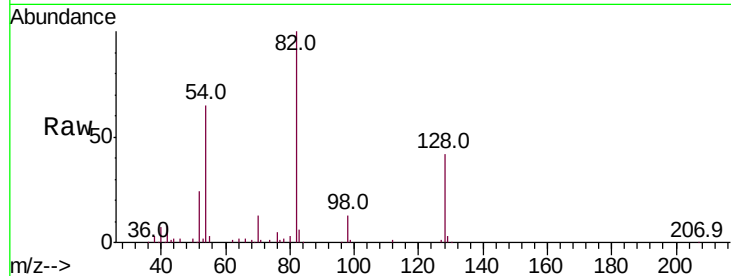
#23
Nitrobenzene-d5
Concen: 64.343 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Instrument :
BNA_G
ClientSampleId :
PB115362BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.0	34.6	52.0
54	64.6	50.6	76.0

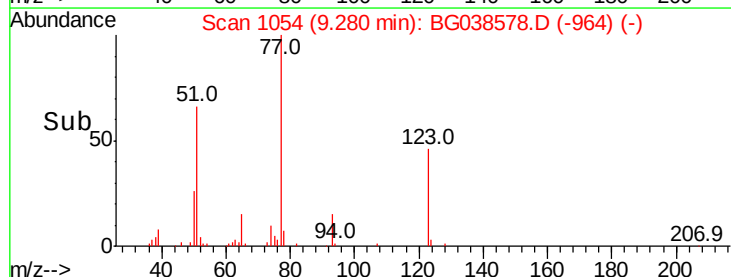
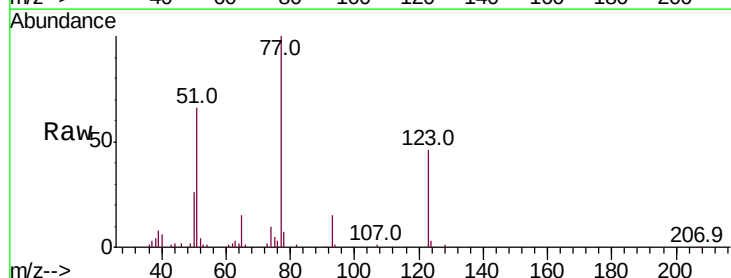
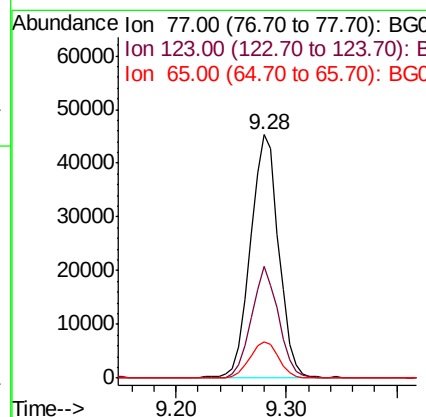
Manual Integrations
APPROVED

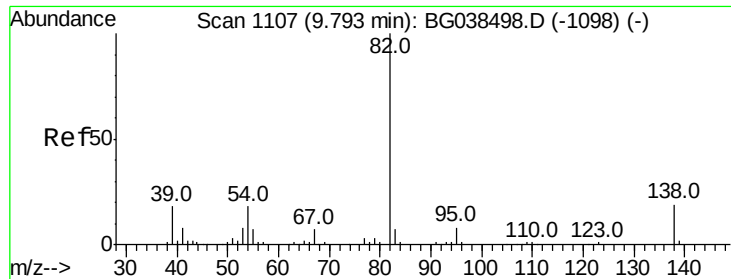
Sohil
12/17/2018 4:11:51 PM



#24
Nitrobenzene
Concen: 41.025 ng
RT: 9.28 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.7	35.9	53.9
65	15.1	12.0	18.0





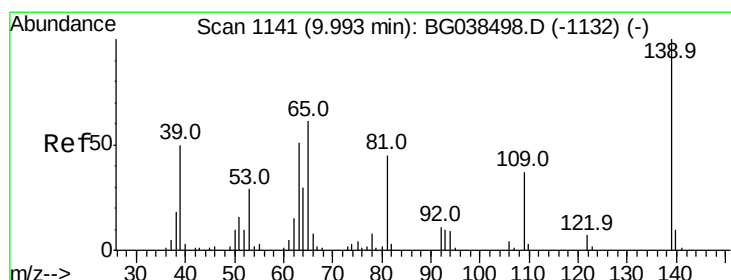
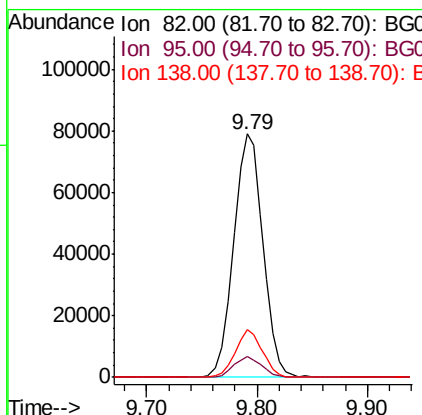
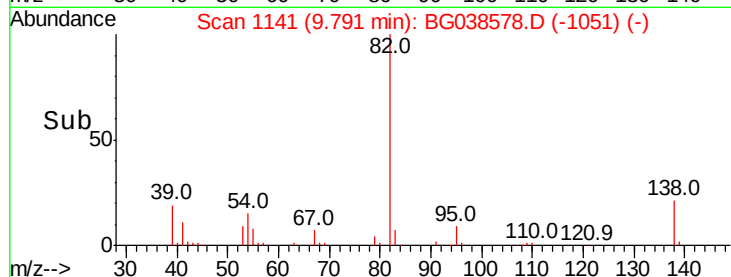
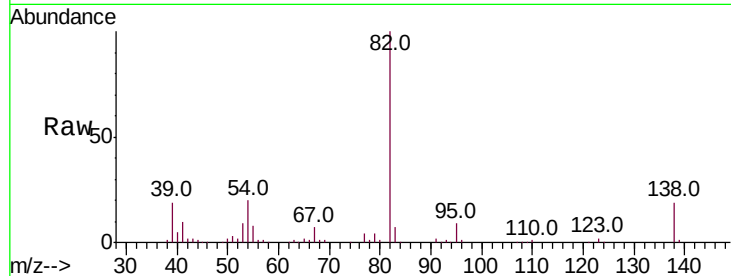
#25
Isophorone
Concen: 41.563 ng
RT: 9.79 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Instrument :
BNA_G
ClientSampleId :
PB115362BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.5	6.1	9.1	
138	19.4	14.9	22.3	

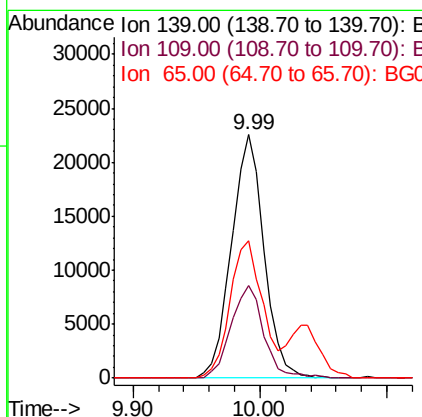
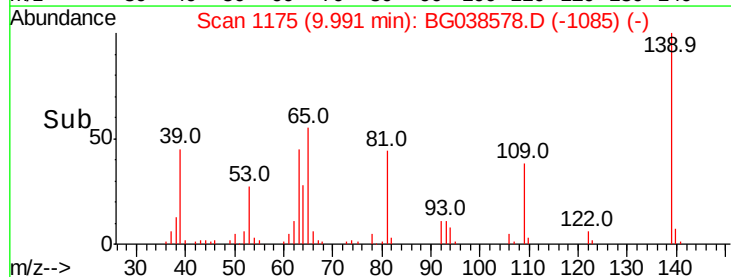
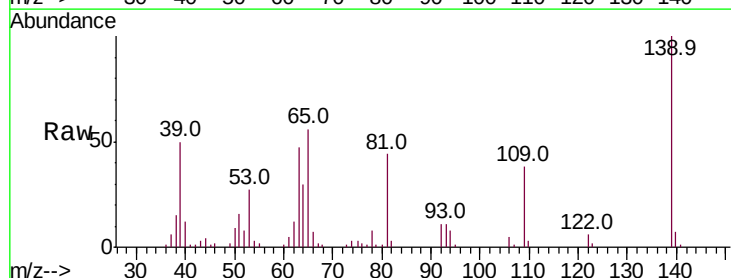
Manual Integrations
APPROVED

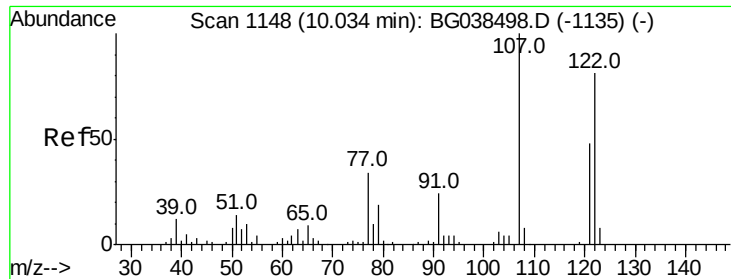
Sohil
12/17/2018 4:11:51 PM



#26
2-Nitrophenol
Concen: 39.200 ng
RT: 9.99 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	38.2	29.5	44.3	
65	56.3	48.5	72.7	





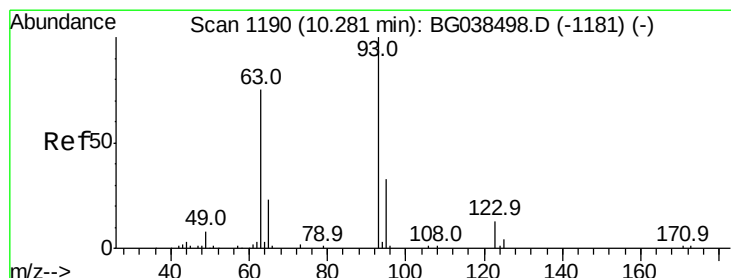
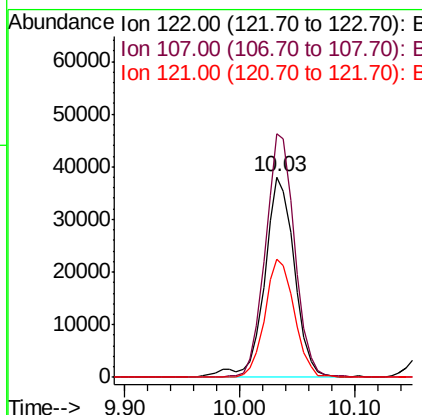
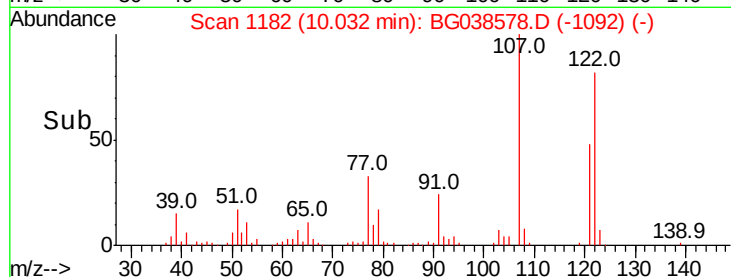
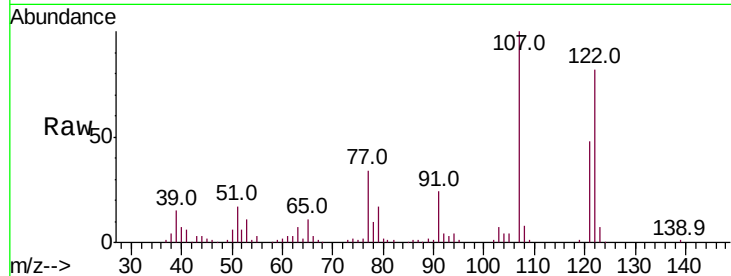
#27
 2,4-Dimethylphenol
 Concen: 47.171 ng
 RT: 10.03 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BG038578.D
 Acq: 14 Dec 2018 21:45

Instrument :
 BNA_G
 ClientSampleId :
 PB115362BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.3	98.4	147.6
121	58.6	47.2	70.8

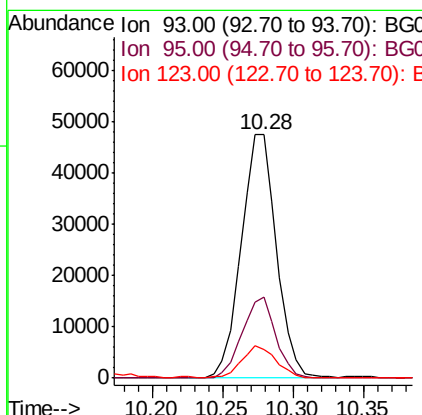
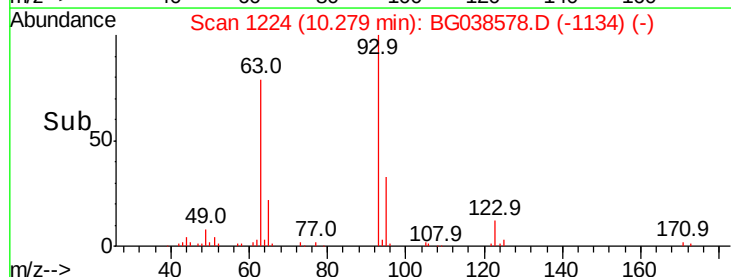
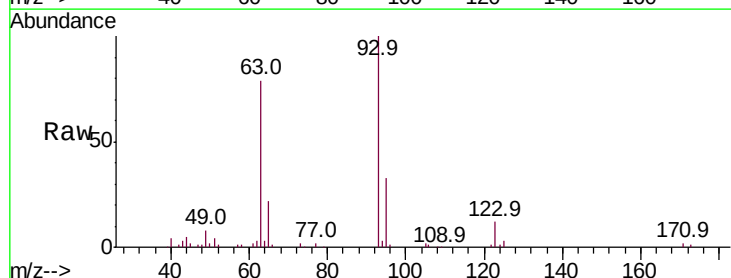
Manual Integrations
 APPROVED

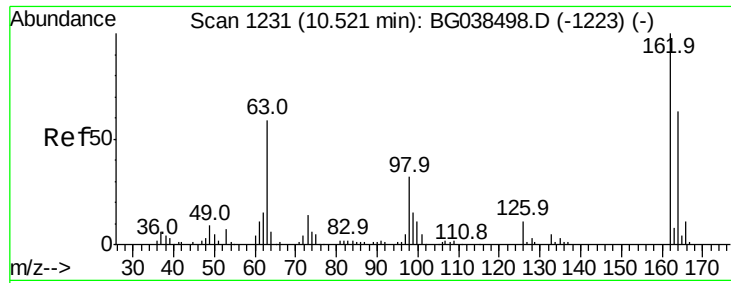
Sohil
 12/17/2018 4:11:51 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.749 ng
 RT: 10.28 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BG038578.D
 Acq: 14 Dec 2018 21:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.6	40.0
123	11.5	10.6	16.0





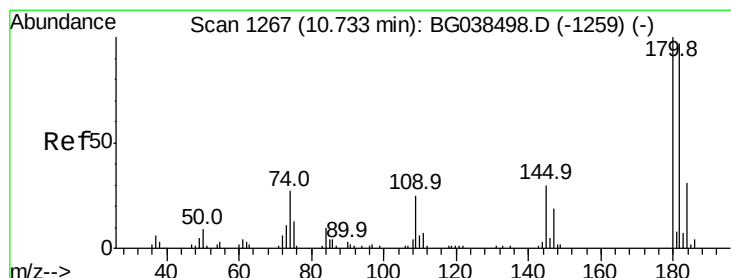
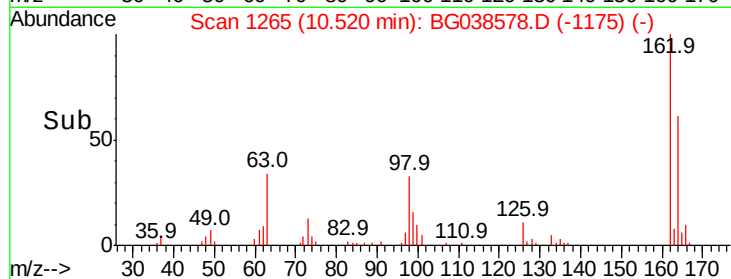
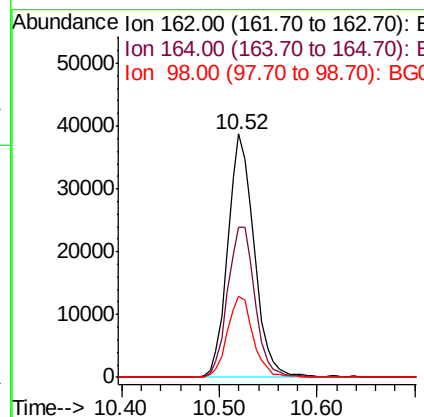
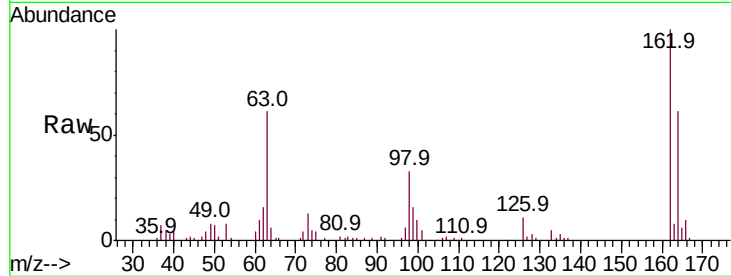
#29
 2,4-Dichlorophenol
 Concen: 44.885 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BG038578.D
 Acq: 14 Dec 2018 21:45

Instrument :
 BNA_G
 ClientSampleId :
 PB115362BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	72745		
164	61.5		42.9	82.9
98	33.2		12.1	52.1

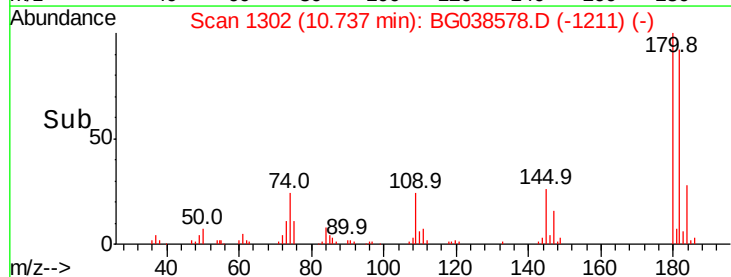
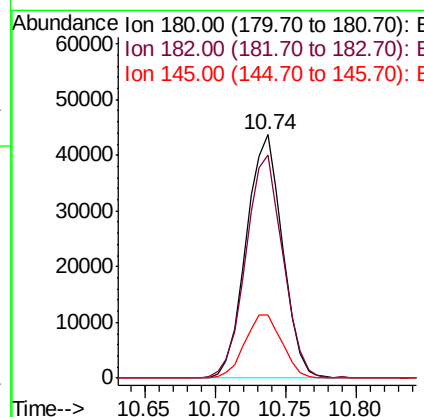
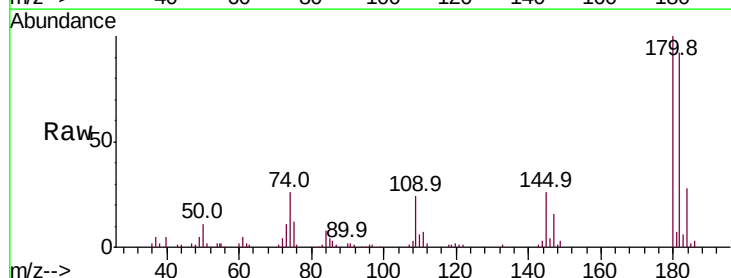
Manual Integrations
 APPROVED

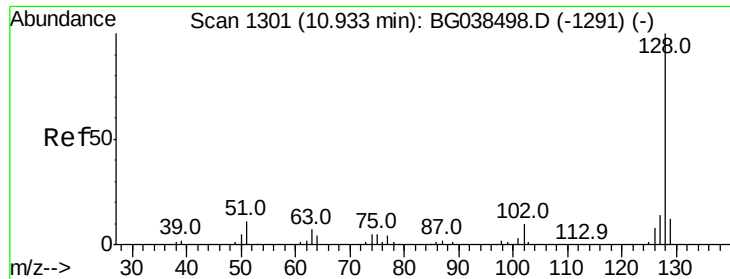
Sohil
 12/17/2018 4:11:51 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.990 ng
 RT: 10.74 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: BG038578.D
 Acq: 14 Dec 2018 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	78288		
182	91.8		77.4	116.0
145	26.2		24.1	36.1





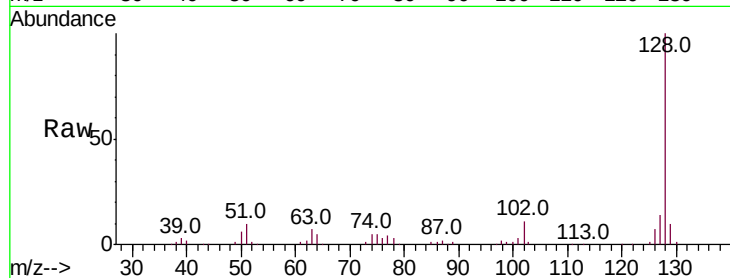
#31
Naphthalene
Concen: 42.709 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Instrument :
BNA_G
ClientSampleId :
PB115362BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.5	14.3
127	13.7	10.9	16.3

Manual Integrations
APPROVED

Sohil
12/17/2018 4:11:51 PM

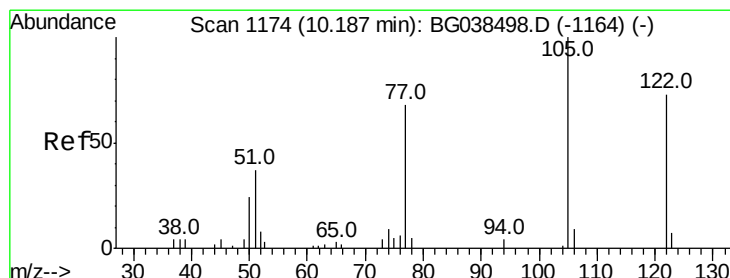
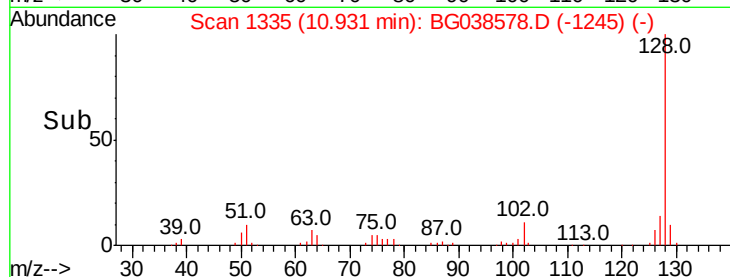
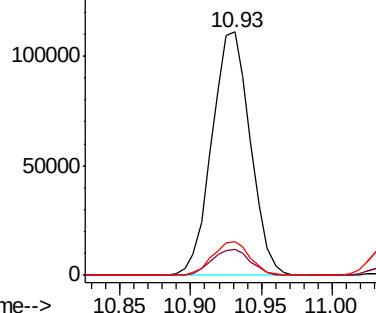


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 38.391 ng m
RT: 10.18 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

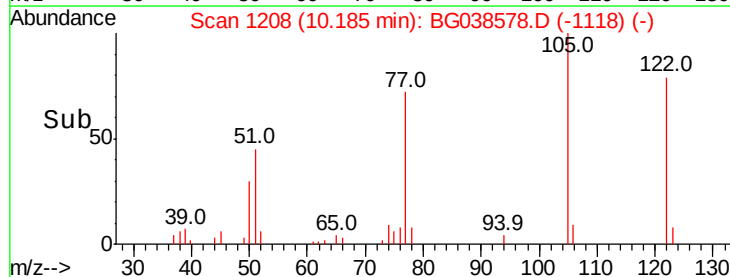
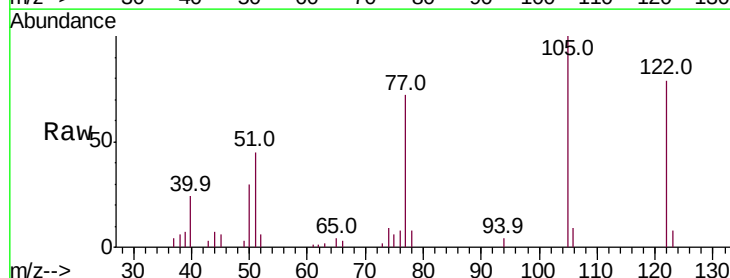
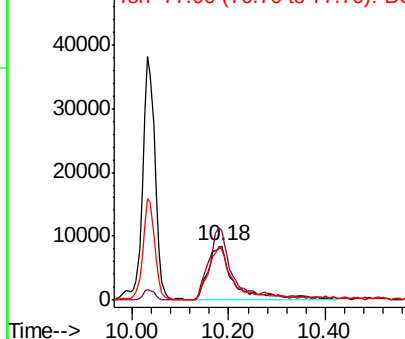
Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.9	116.7	156.7
77	91.3	72.5	112.5

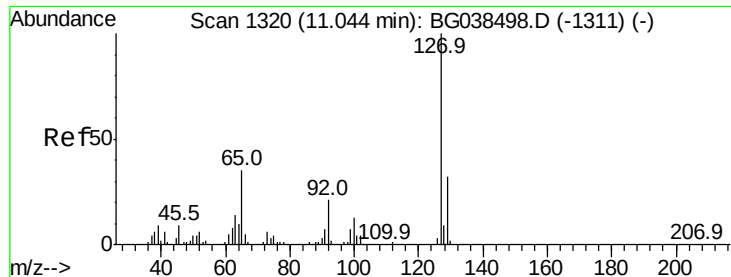
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO





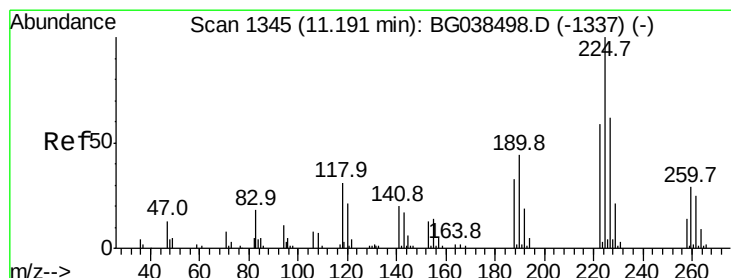
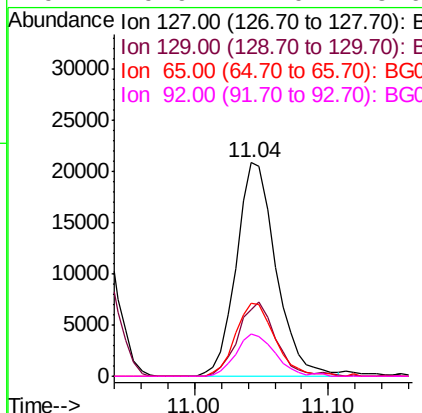
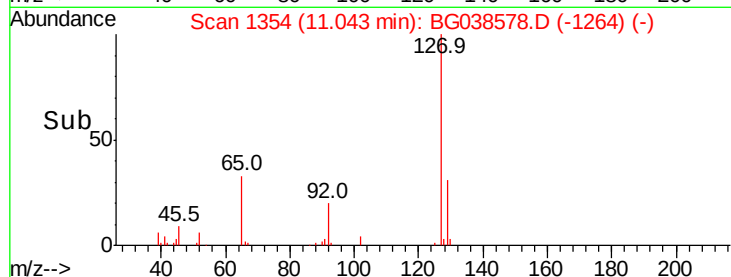
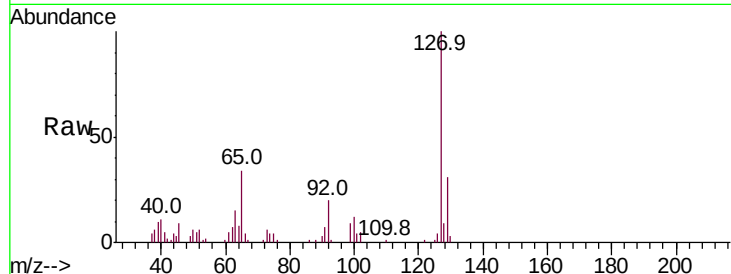
#33
4-Chloroaniline
Concen: 20.011 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Instrument :
BNA_G
ClientSampleId :
PB115362BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100	42933		
129	31.3	25.8	38.8	
65	34.1	27.8	41.6	
92	19.9	17.0	25.6	

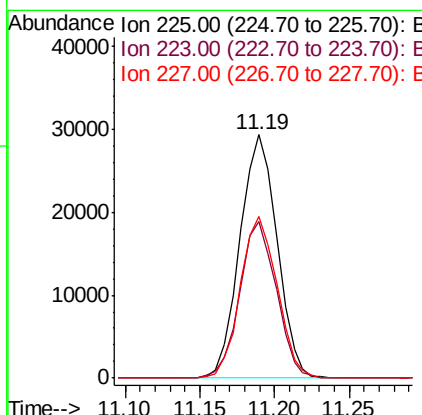
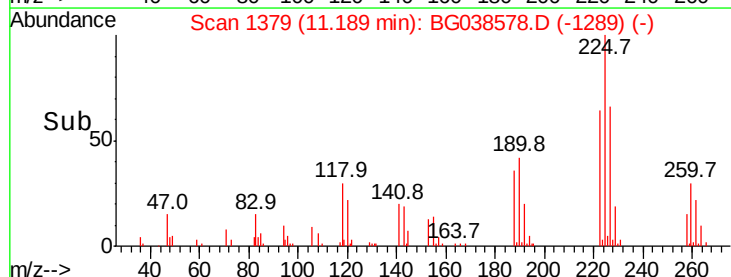
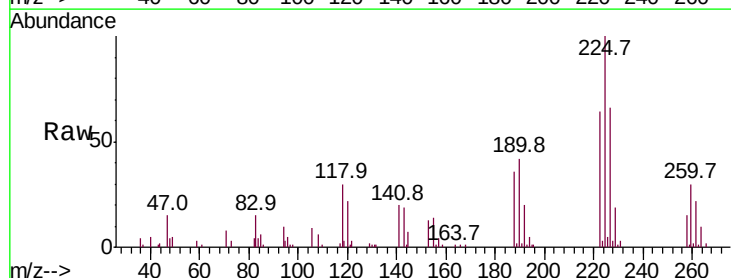
Manual Integrations
APPROVED

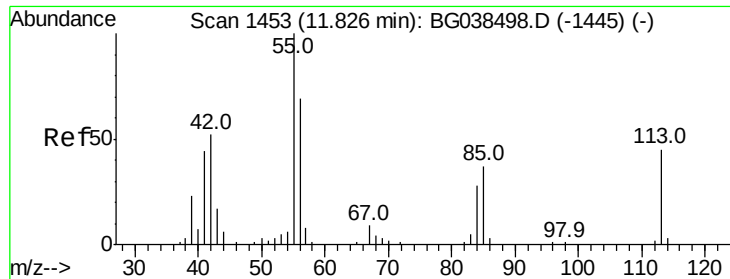
Sohil
12/17/2018 4:11:51 PM



#34
Hexachlorobutadiene
Concen: 38.300 ng
RT: 11.19 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	50734		
223	64.2	45.0	67.6	
227	66.0	50.6	75.8	





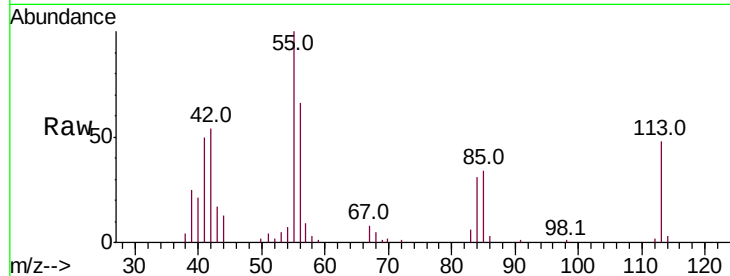
#35
 Caprolactam
 Concen: 36.397 ng/ml
 RT: 11.83 min Scan# 1488
 Delta R.T. 0.00 min
 Lab File: BG038578.D
 Acq: 14 Dec 2018 21:45

Instrument :
 BNA_G
 ClientSampleId :
 PB115362BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	210.2	204.3	244.3
56	139.3	135.0	175.0

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:11:51 PM

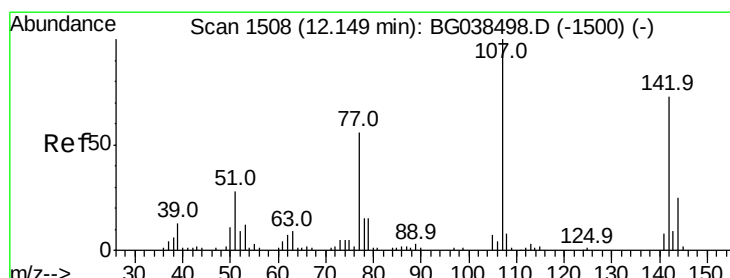
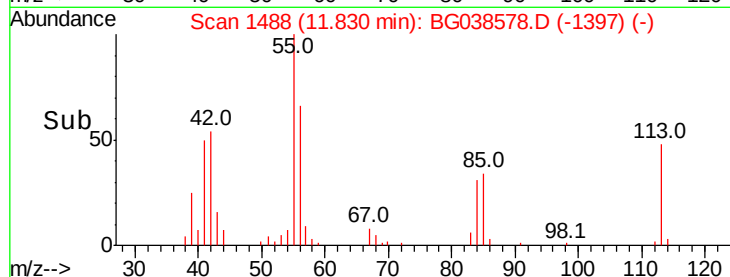
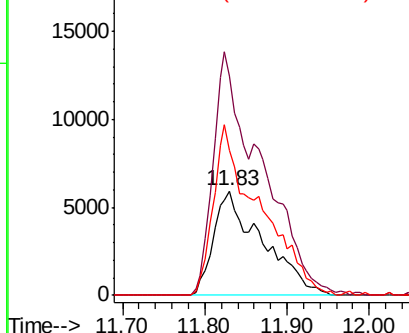


Abundance

Ion 113.00 (112.70 to 113.70): E

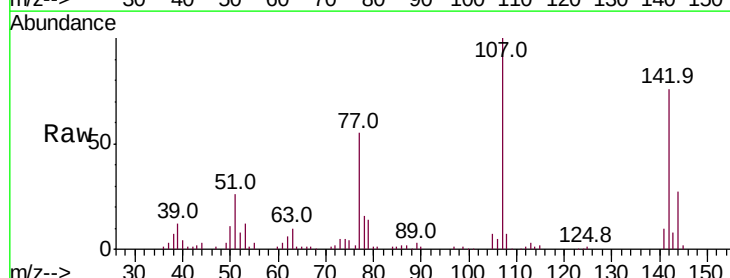
Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36
 4-Chloro-3-methylphenol
 Concen: 40.046 ng/ml
 RT: 12.15 min Scan# 1543
 Delta R.T. 0.00 min
 Lab File: BG038578.D
 Acq: 14 Dec 2018 21:45

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.2	20.1	30.1
142	76.4	58.7	88.1

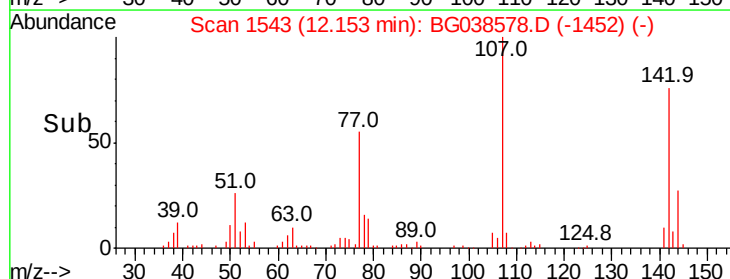
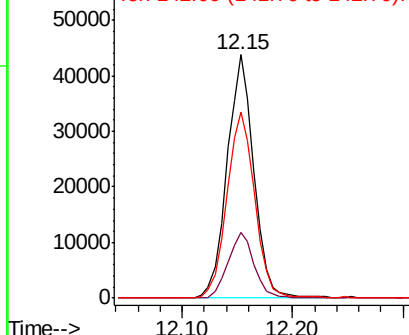


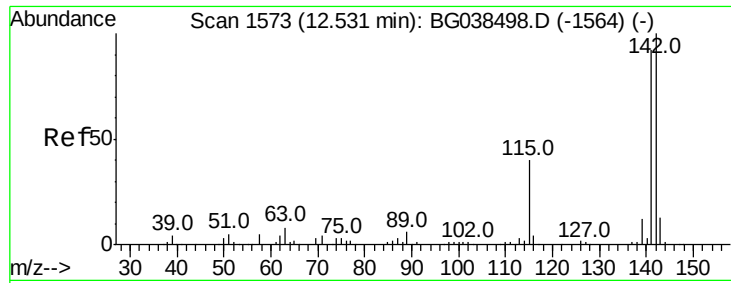
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





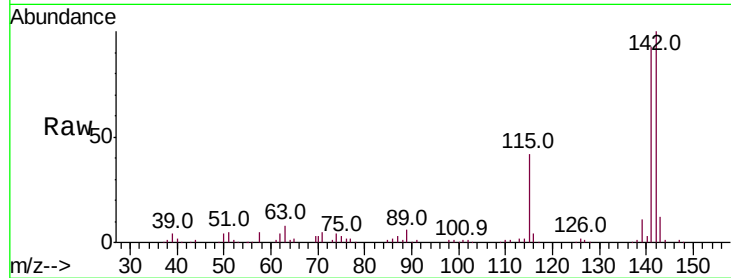
#37
2-Methylnaphthalene
Concen: 43.224 ng
RT: 12.53 min Scan# 1607
Delta R.T. -0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Instrument :
BNA_G
ClientSampleId :
PB115362BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.7	73.5	110.3
115	42.4	31.7	47.5

Manual Integrations
APPROVED

Sohil
12/17/2018 4:11:51 PM

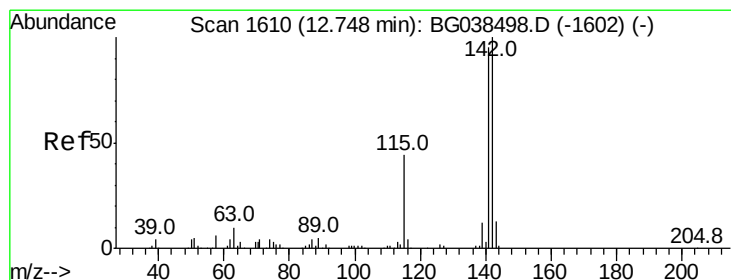
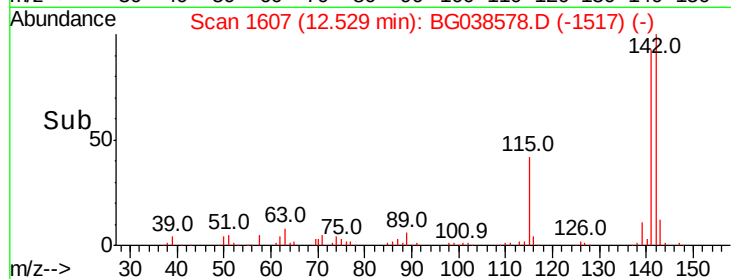
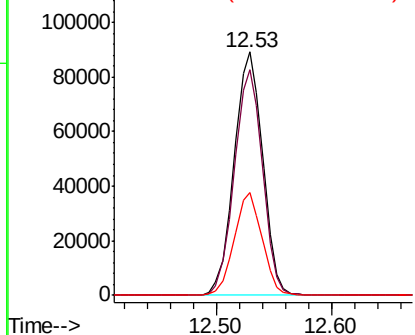


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 43.242 ng
RT: 12.75 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

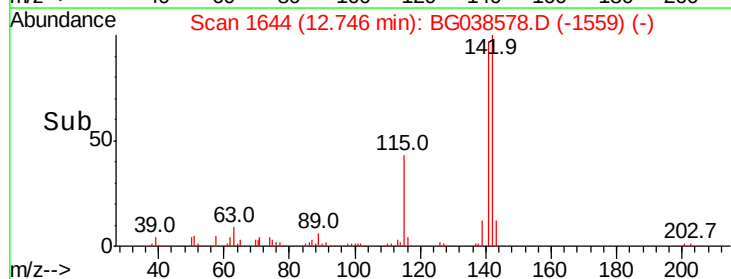
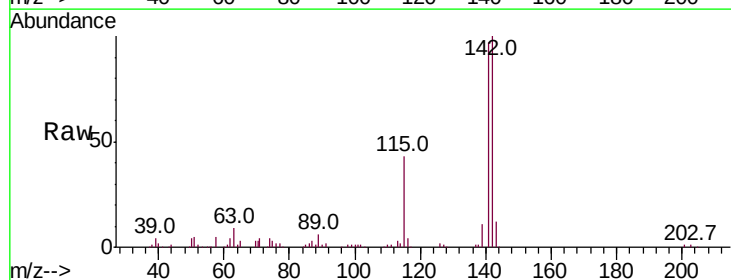
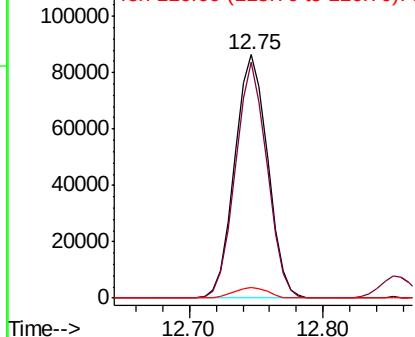
Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.8	75.8	113.8
116	4.4	3.6	5.4

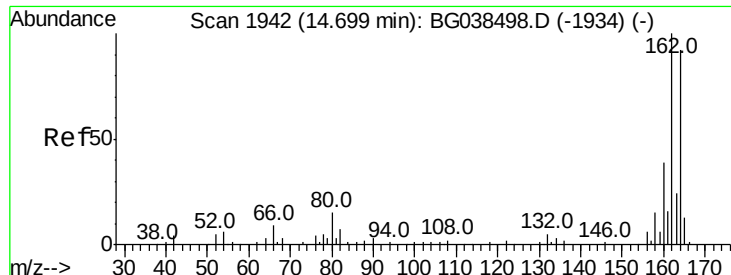
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





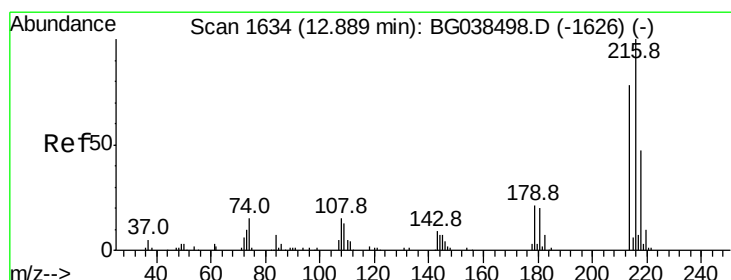
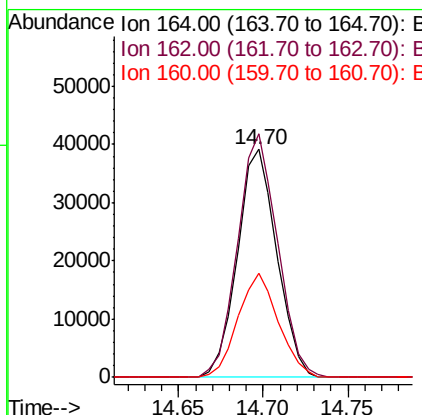
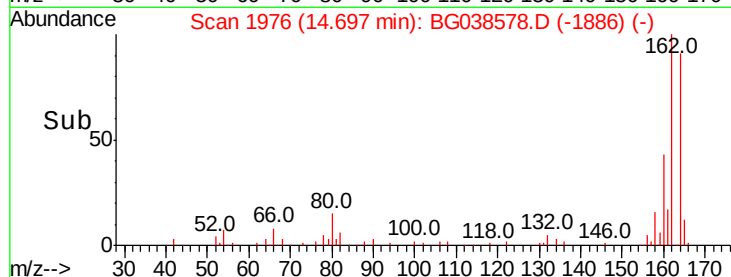
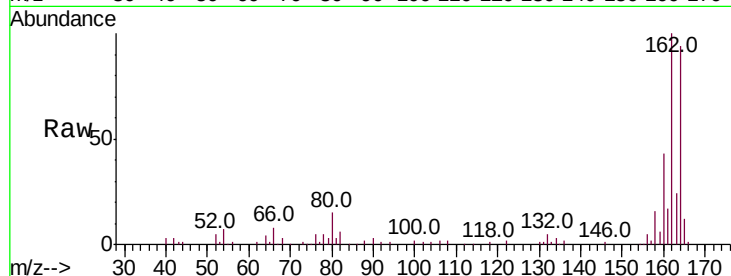
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Instrument :
BNA_G
ClientSampleId :
PB115362BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.7	86.6	130.0
160	45.5	34.2	51.2

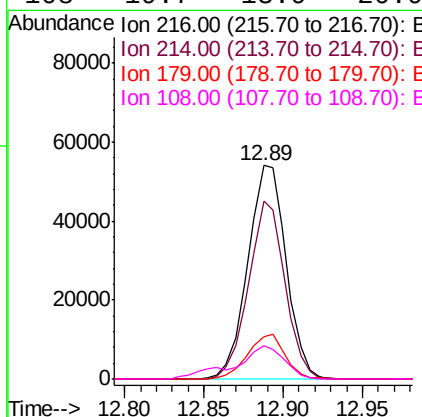
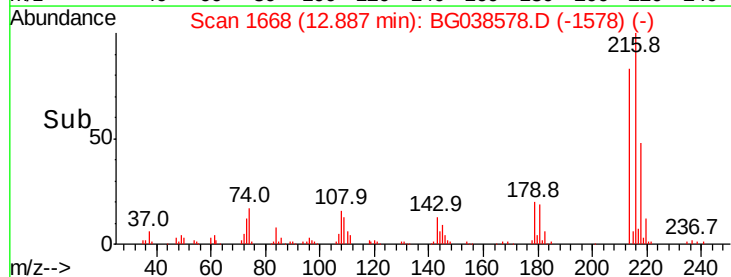
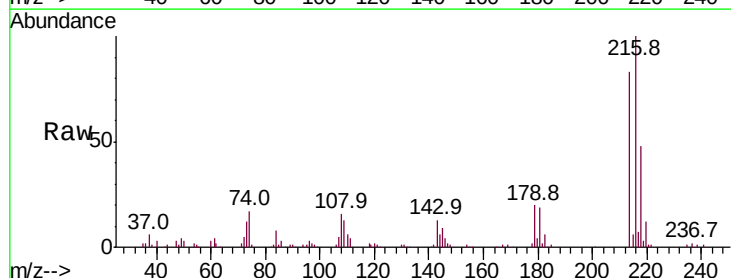
Manual Integrations
APPROVED

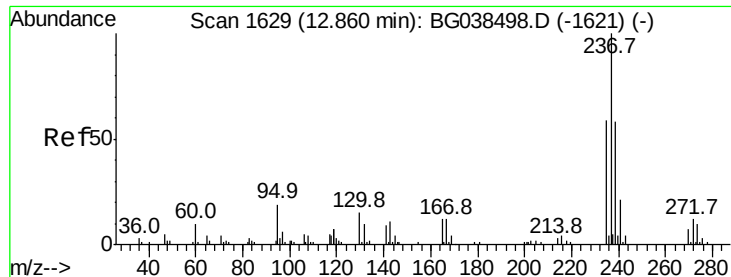
Sohil
12/17/2018 4:11:51 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.294 ng
RT: 12.89 min Scan# 1668
Delta R.T. -0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	64.1	96.1
179	20.3	16.4	24.6
108	19.7	13.9	20.9





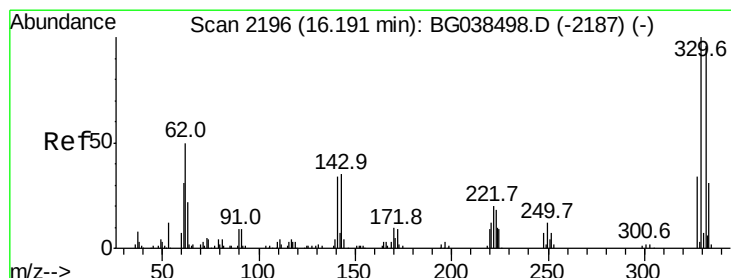
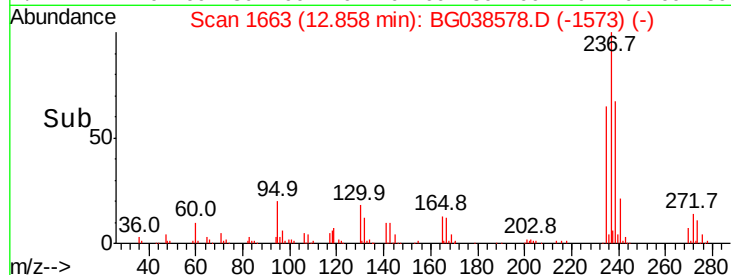
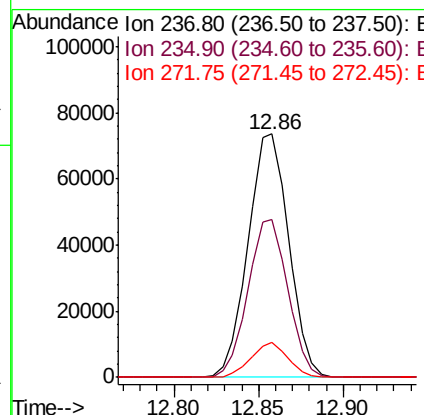
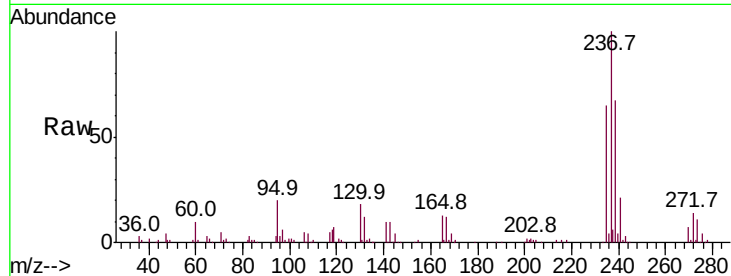
#41
Hexachlorocyclopentadiene
Concen: 94.837 ng
RT: 12.86 min Scan# 1663
Delta R.T. -0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Instrument :
BNA_G
ClientSampleId :
PB115362BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	64.8	38.8	78.8
272	14.1	0.0	32.0

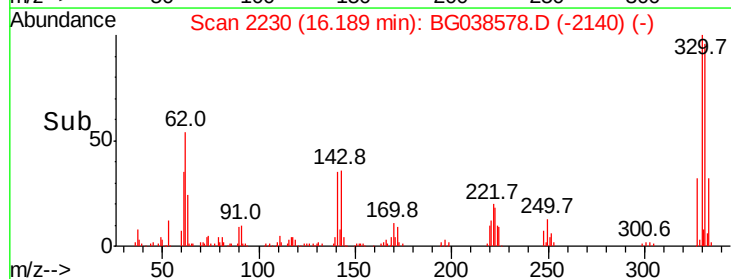
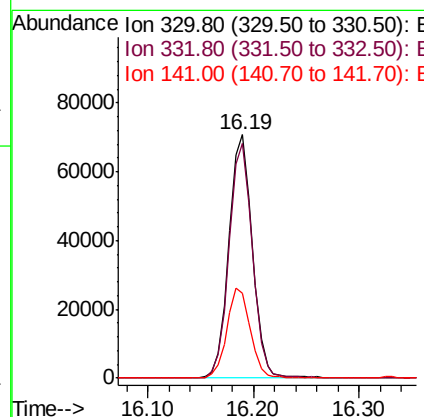
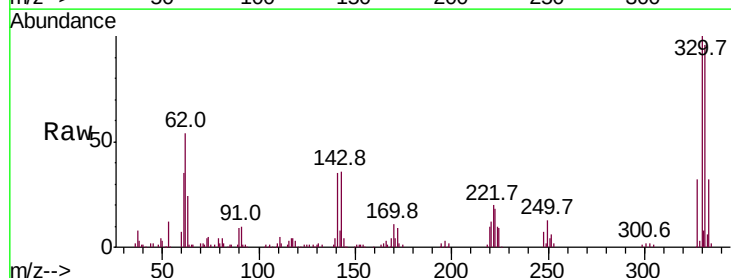
Manual Integrations
APPROVED

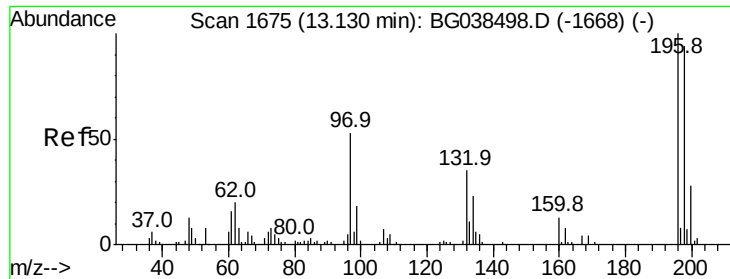
Sohil
12/17/2018 4:11:51 PM



#42
2,4,6-Tribromophenol
Concen: 124.200 ng
RT: 16.19 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.2	76.9	115.3
141	37.2	28.8	43.2





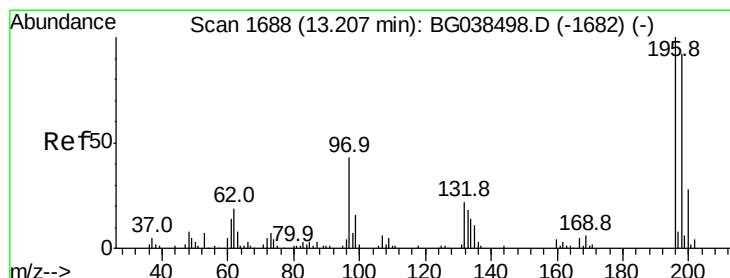
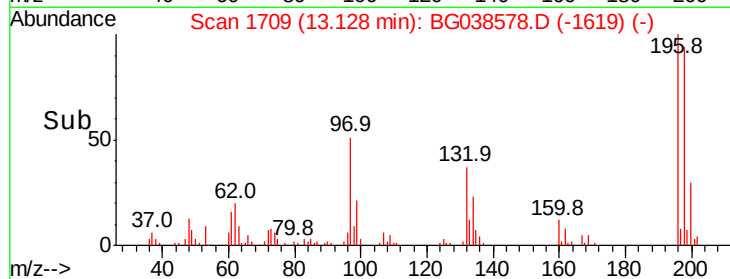
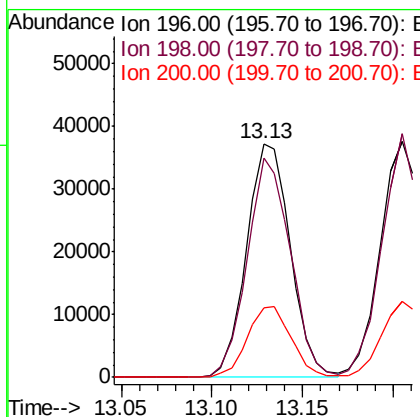
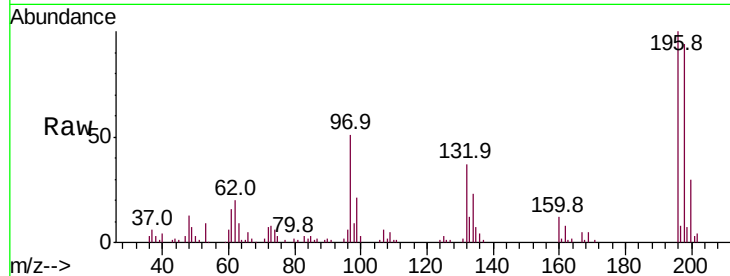
#43
 2,4,6-Trichlorophenol
 Concen: 42.822 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038578.D
 Acq: 14 Dec 2018 21:45

Instrument :
 BNA_G
 ClientSampleId :
 PB115362BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	62411		
198	93.8	75.0	112.4	
200	29.8	22.4	33.6	

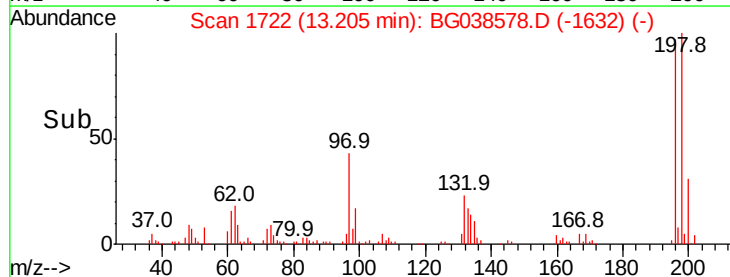
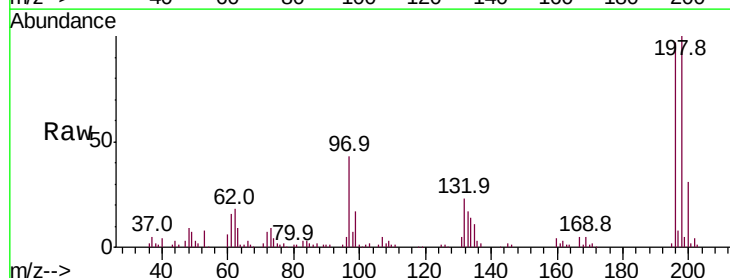
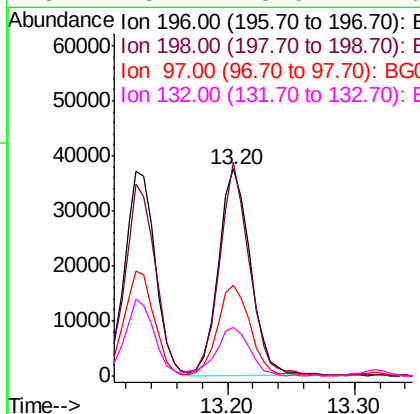
Manual Integrations
 APPROVED

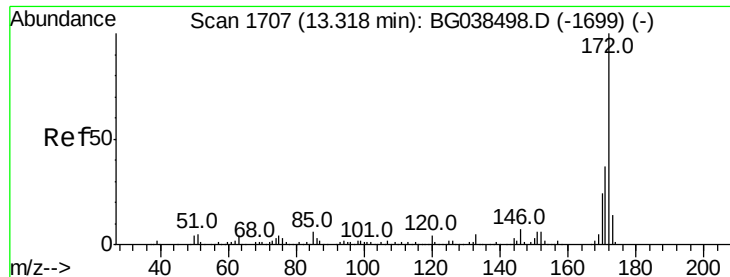
Sohil
 12/17/2018 4:11:51 PM



#44
 2,4,5-Trichlorophenol
 Concen: 42.334 ng
 RT: 13.20 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG038578.D
 Acq: 14 Dec 2018 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	65326		
198	103.0	74.0	111.0	
97	43.9	35.1	52.7	
132	23.2	18.0	27.0	





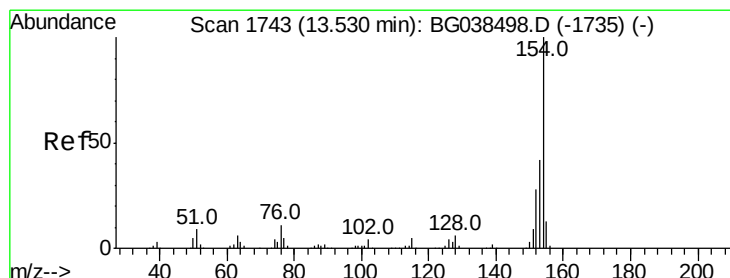
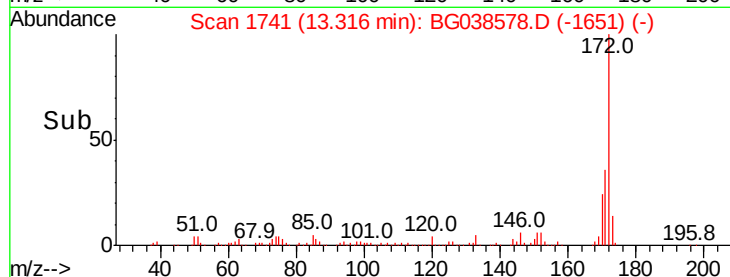
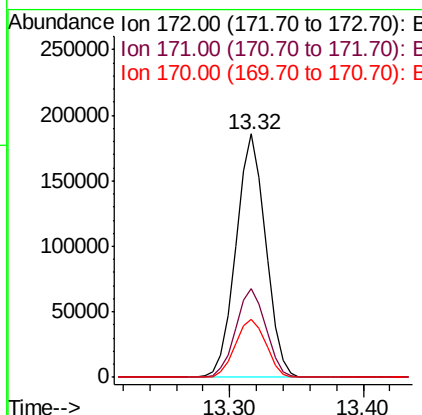
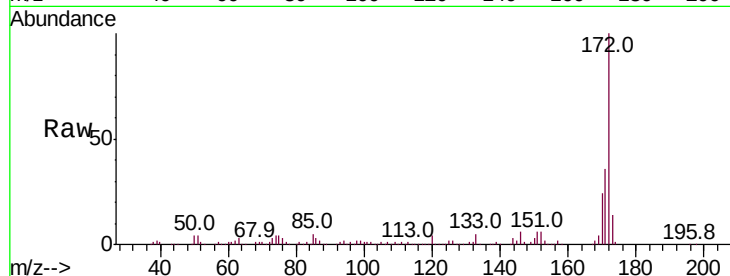
#45
2-Fluorobiphenyl
Concen: 61.882 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Instrument :
BNA_G
ClientSampleId :
PB115362BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.8	44.6
170	23.7	19.5	29.3

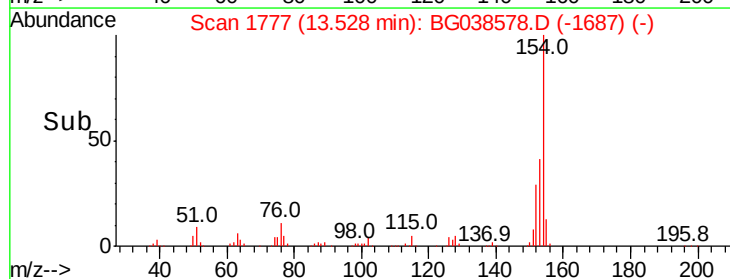
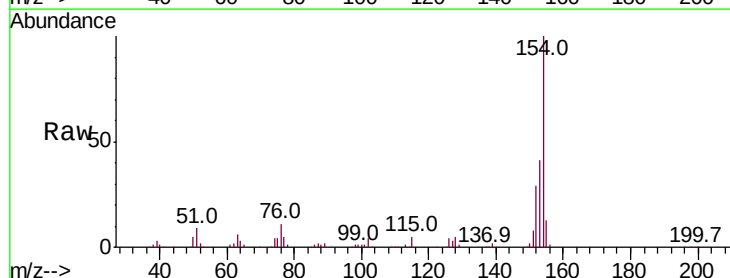
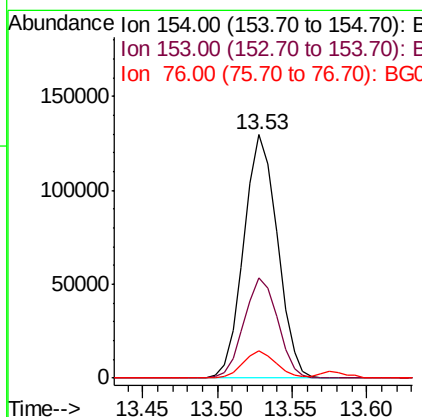
Manual Integrations
APPROVED

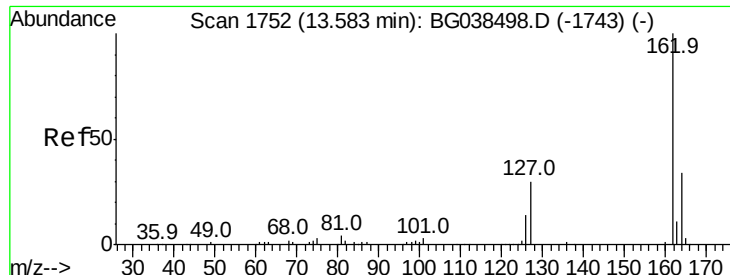
Sohil
12/17/2018 4:11:51 PM



#46
1,1'-Biphenyl
Concen: 37.997 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	22.1	62.1
76	11.3	0.0	31.2





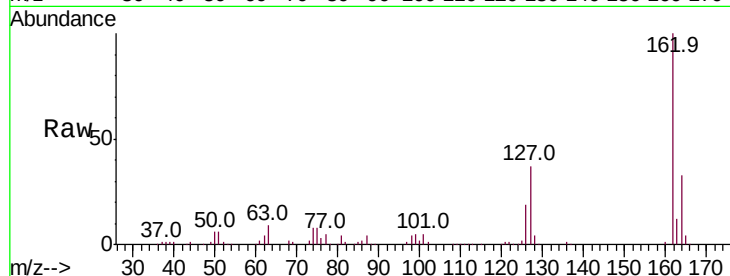
#47
 2-Chloronaphthalene
 Concen: 39.583 ng
 RT: 13.57 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG038578.D
 Acq: 14 Dec 2018 21:45

Instrument :
 BNA_G
 ClientSampleId :
 PB115362BSD

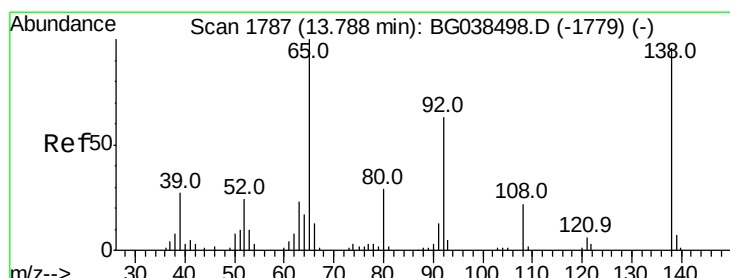
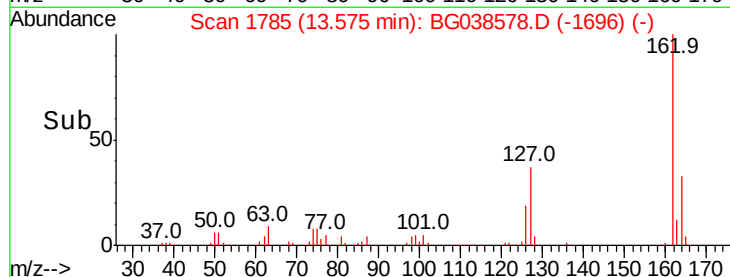
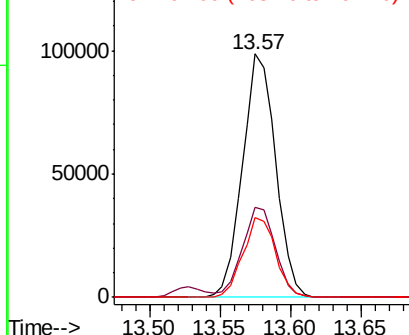
Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	37.0	27.8	41.8
164	32.7	26.9	40.3

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:11:51 PM

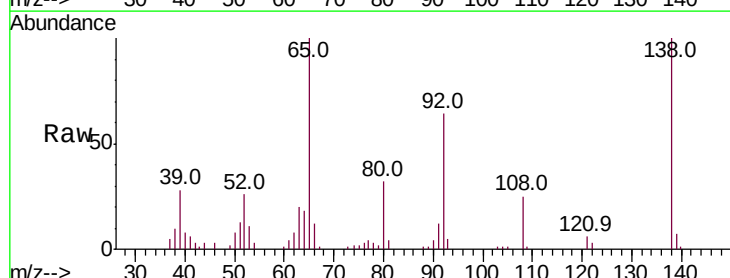


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

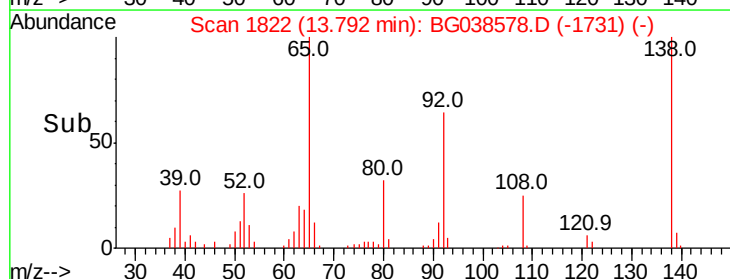
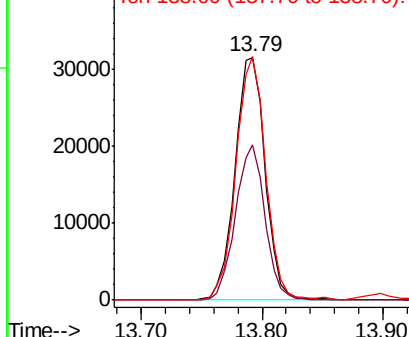


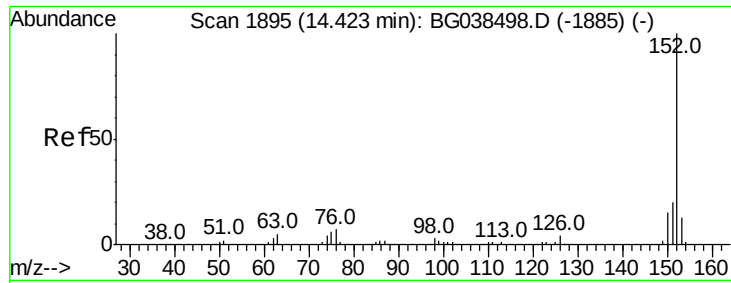
#48
 2-Nitroaniline
 Concen: 41.918 ng
 RT: 13.79 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: BG038578.D
 Acq: 14 Dec 2018 21:45

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	64.2	50.0	75.0
138	100.4	76.9	115.3



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.321 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038578.D

Acq: 14 Dec 2018 21:45

Instrument :

BNA_G

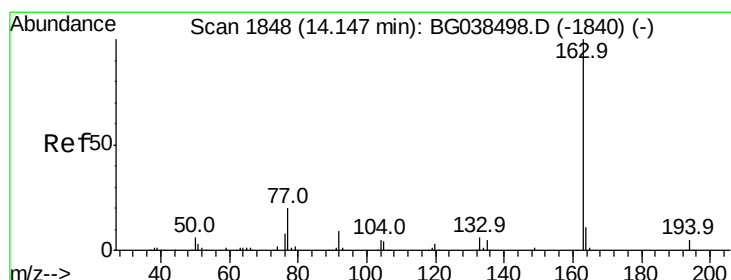
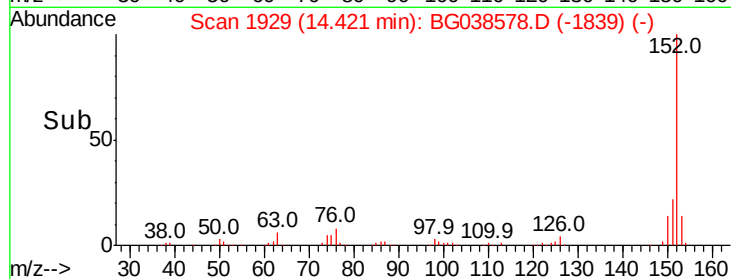
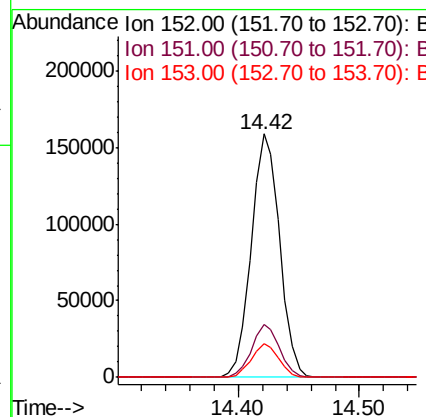
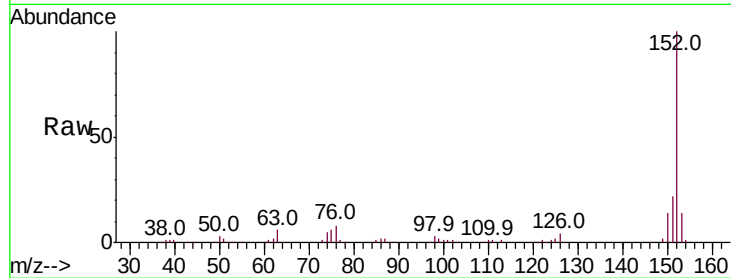
ClientSampleId :

PB115362BSD

Tot Ion:	152	Resp:	259802
Ion Ratio	Lower	Upper	
152	100		
151	21.9	16.4	24.6
153	13.6	10.4	15.6

Manual Integrations
APPROVED

Sohil
12/17/2018 4:11:51 PM



#50

Dimethylphthalate

Concen: 40.667 ng

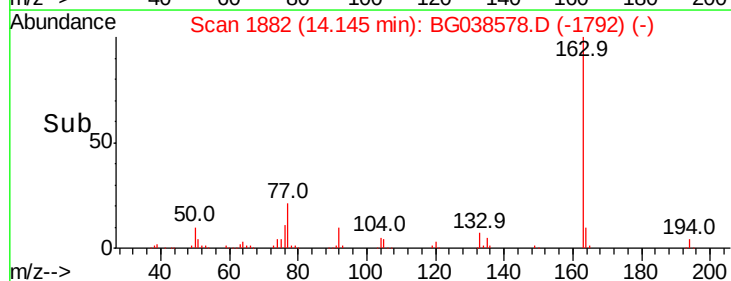
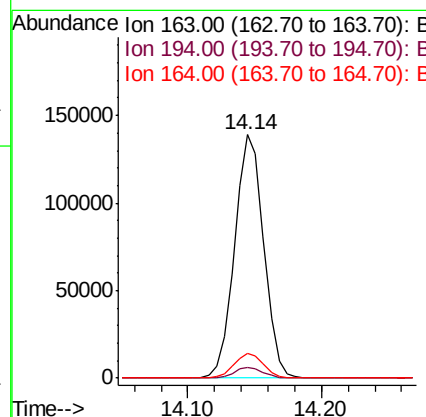
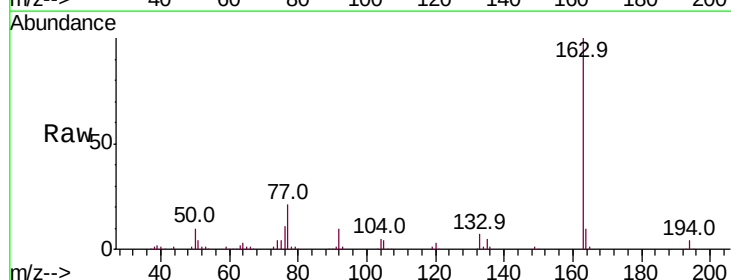
RT: 14.14 min Scan# 1882

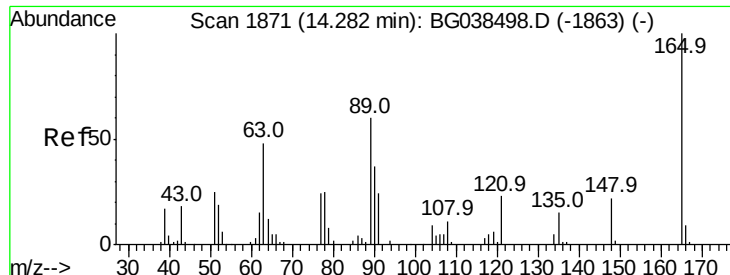
Delta R.T. -0.00 min

Lab File: BG038578.D

Acq: 14 Dec 2018 21:45

Tgt Ion:	163	Resp:	210595
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.7	5.5
164	10.2	8.6	12.8





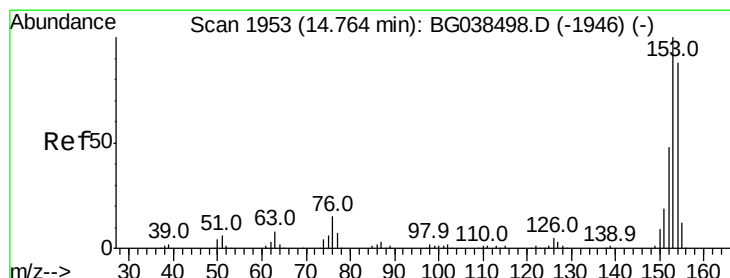
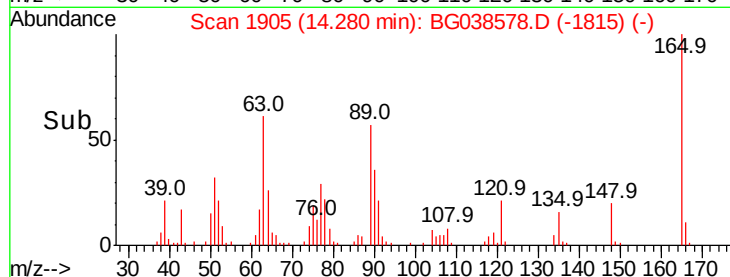
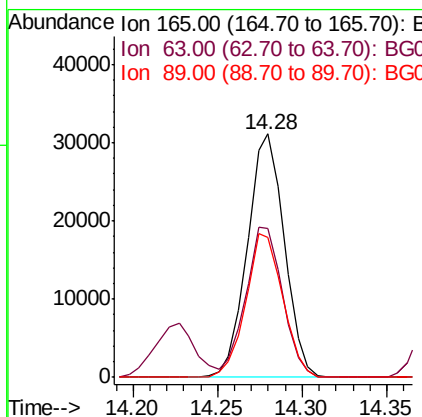
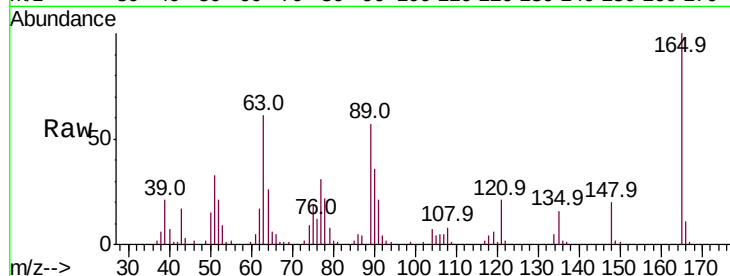
#51
 2,6-Dinitrotoluene
 Concen: 40.277 ng
 RT: 14.28 min Scan# 1905
 Delta R.T. -0.00 min
 Lab File: BG038578.D
 Acq: 14 Dec 2018 21:45

Instrument :
 BNA_G
 ClientSampleId :
 PB115362BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	61.4	51.8	77.6
89	57.4	47.9	71.9

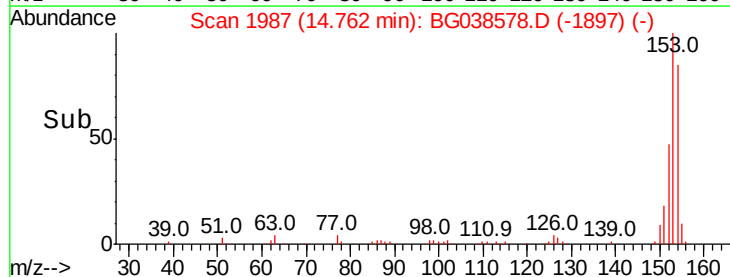
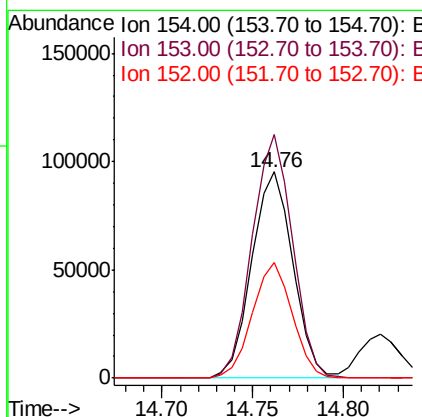
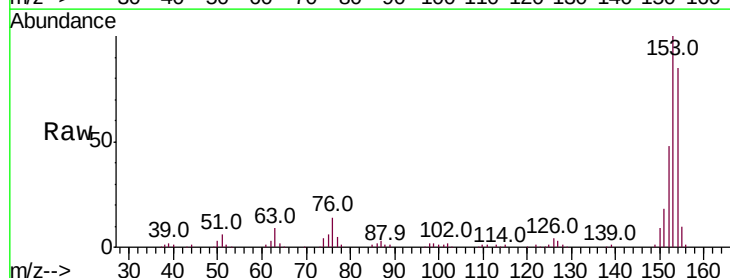
Manual Integrations
 APPROVED

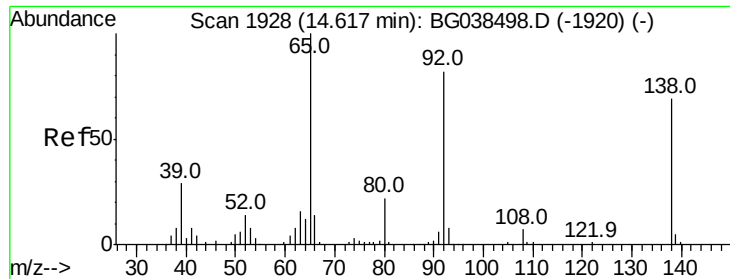
Sohil
 12/17/2018 4:11:51 PM



#52
 Acenaphthene
 Concen: 40.950 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG038578.D
 Acq: 14 Dec 2018 21:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	118.2	90.6	136.0
152	56.4	43.5	65.3





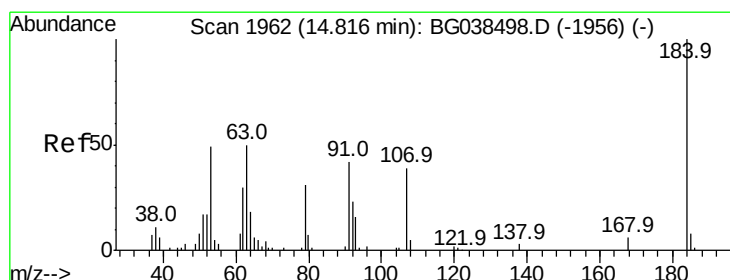
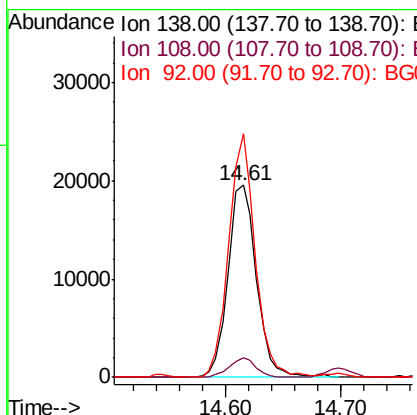
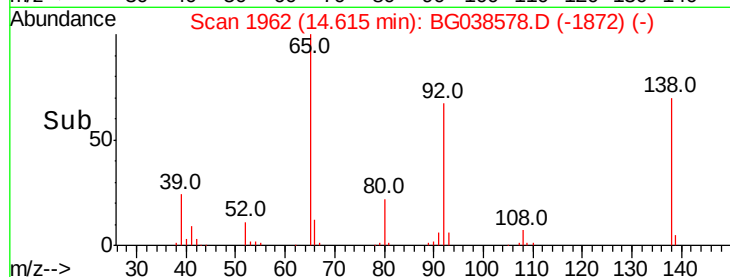
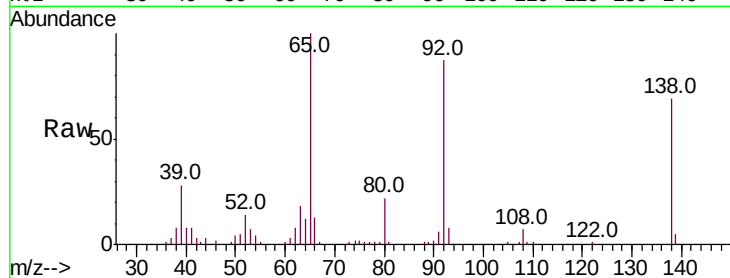
#53
3-Nitroaniline
Concen: 27.985 ng
RT: 14.61 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Instrument :
BNA_G
ClientSampleId :
PB115362BSD

Tot Ion:138 Resp: 33478
Ion Ratio Lower Upper
138 100
108 10.2 7.9 11.9
92 126.8 95.3 142.9

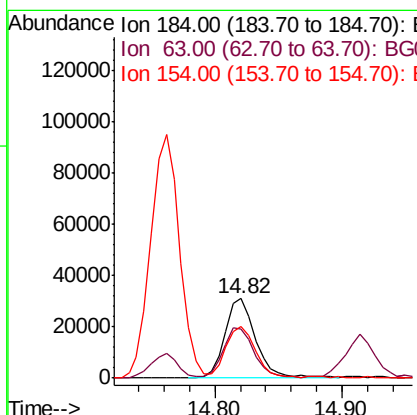
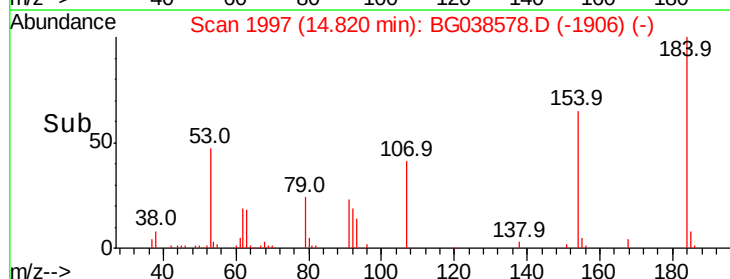
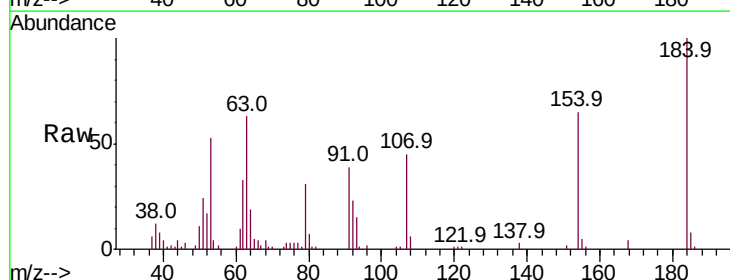
Manual Integrations
APPROVED

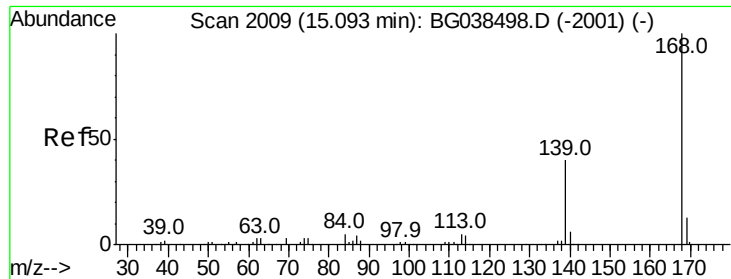
Sohil
12/17/2018 4:11:51 PM



#54
2,4-Dinitrophenol
Concen: 74.919 ng
RT: 14.82 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Tgt Ion:184 Resp: 52067
Ion Ratio Lower Upper
184 100
63 62.6 47.0 70.6
154 65.2 50.3 75.5





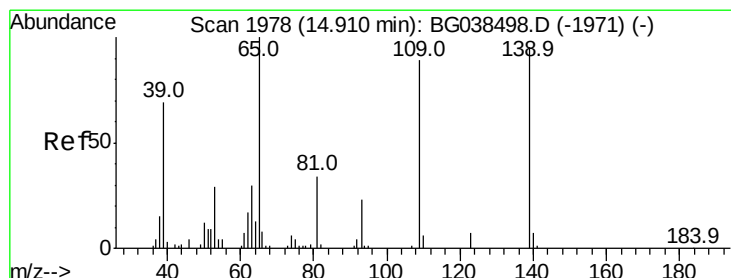
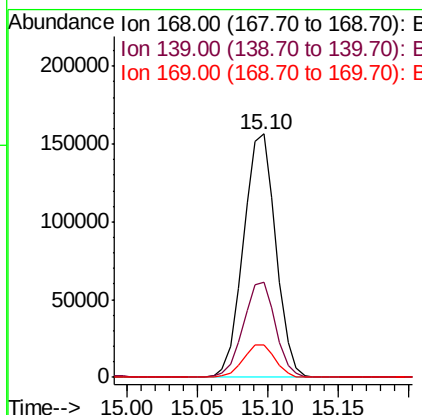
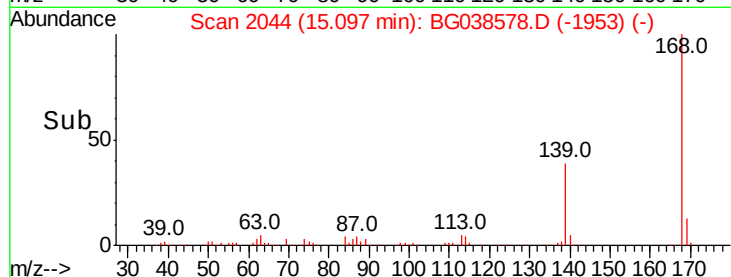
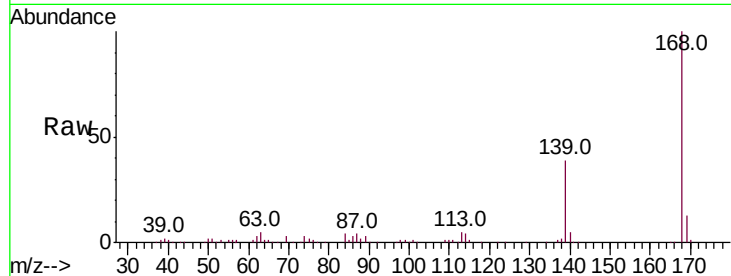
#55
Dibenzenofuran
Concen: 39.866 ng
RT: 15.10 min Scan# 2044
Delta R.T. 0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Instrument :
BNA_G
ClientSampleId :
PB115362BSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	250851		
139	38.8		32.2	48.2
169	13.3		10.6	16.0

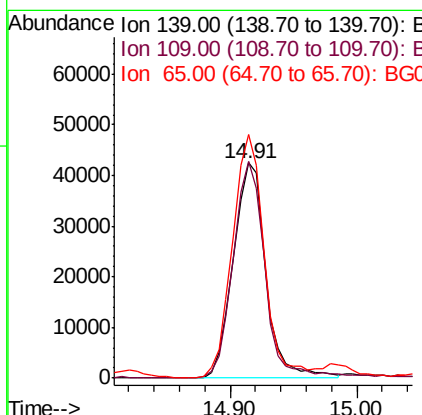
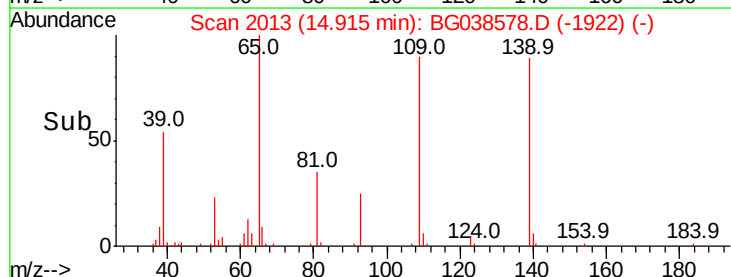
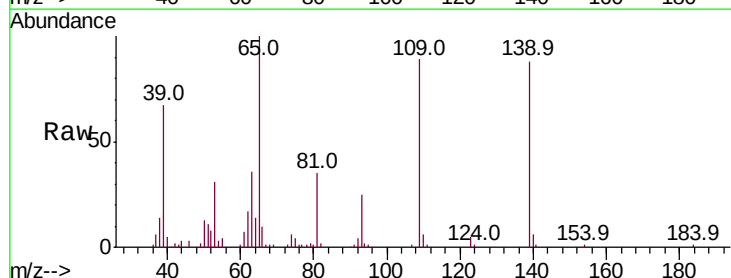
Manual Integrations
APPROVED

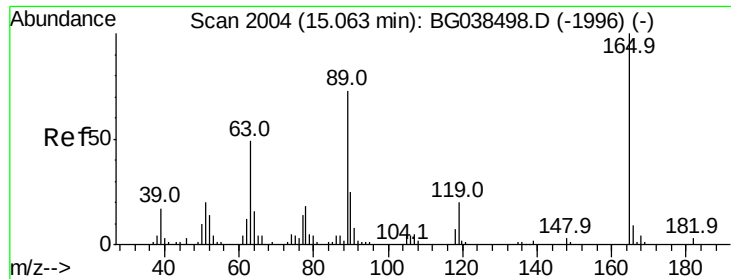
Sohil
12/17/2018 4:11:51 PM



#56
4-Nitrophenol
Concen: 83.036 ng
RT: 14.91 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	75358		
109	100.8		73.6	113.6
65	113.1		84.8	124.8





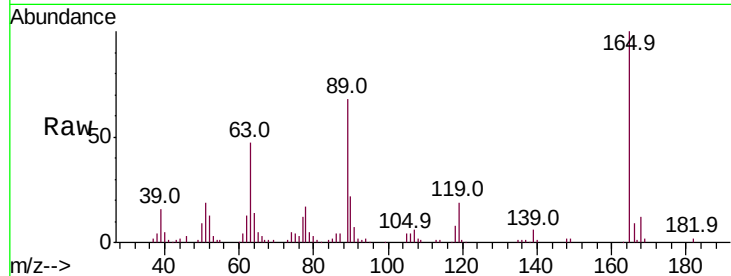
#57
2,4-Dinitrotoluene
Concen: 41.057 ng
RT: 15.07 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Instrument :
BNA_G
ClientSampleId :
PB115362BSD

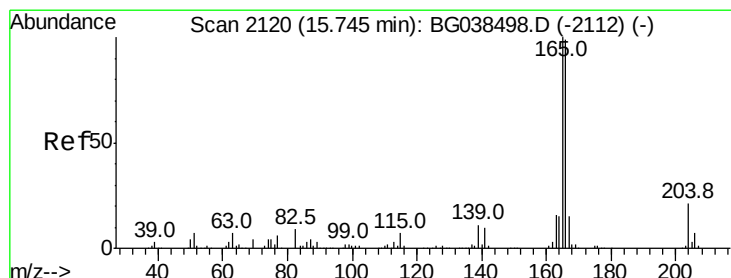
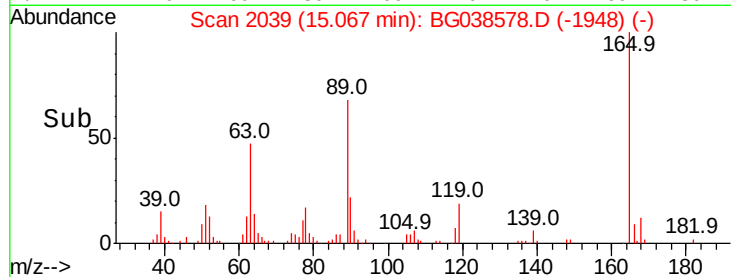
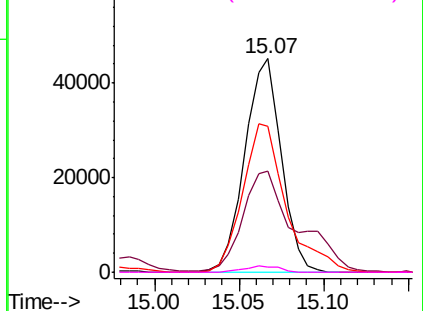
Tot Ion	Ratio	Resp	Lower	Upper
165	100	67862		
63	47.1		39.0	58.4
89	68.1		58.0	87.0
182	2.4		2.3	3.5

Manual Integrations
APPROVED

Sohil
12/17/2018 4:11:51 PM

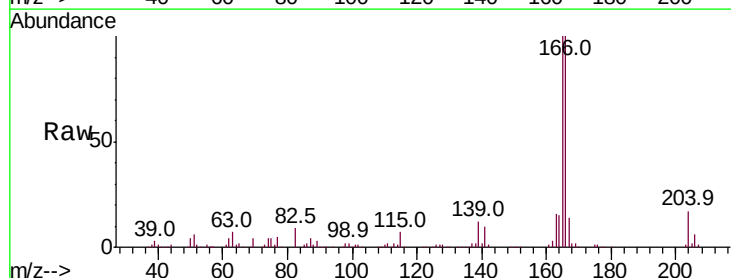


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

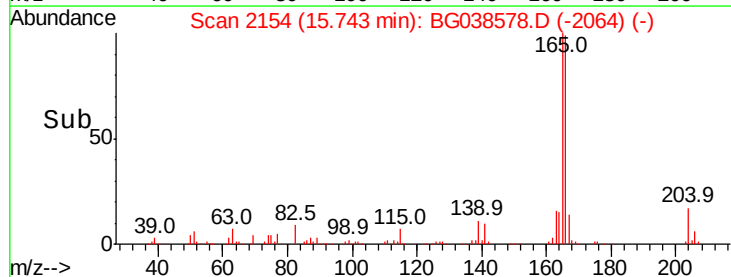
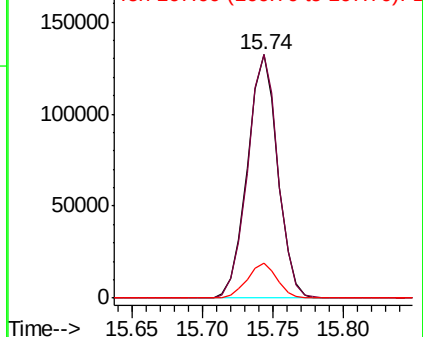


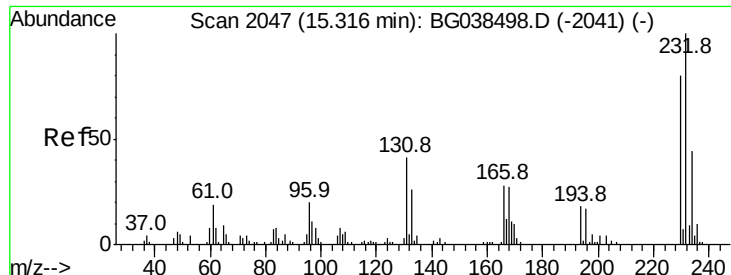
#58
Fluorene
Concen: 42.750 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	199294		
165	99.9		80.6	120.8
167	14.2		12.0	18.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





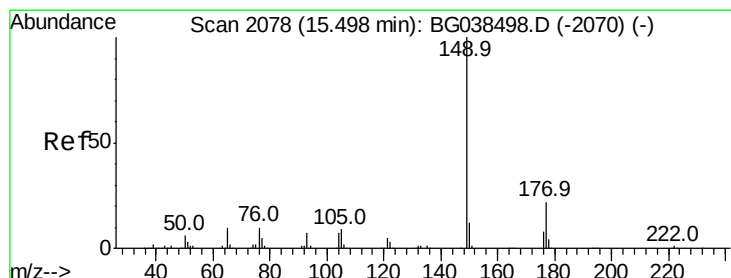
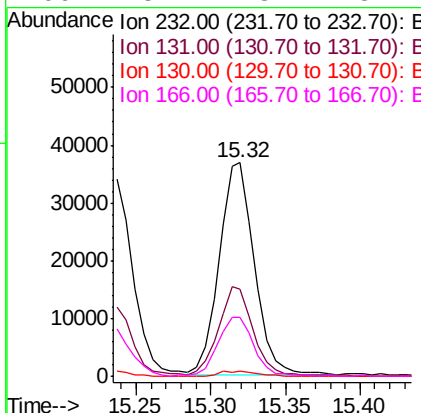
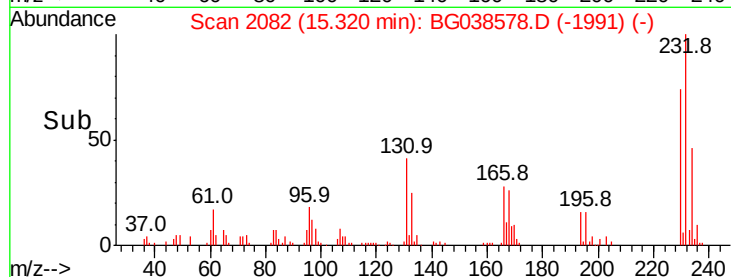
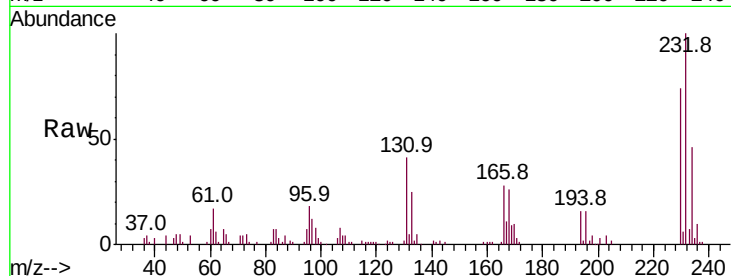
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.704 ng
 RT: 15.32 min Scan# 2082
 Delta R.T. 0.00 min
 Lab File: BG038578.D
 Acq: 14 Dec 2018 21:45

Instrument :
 BNA_G
 ClientSampleId :
 PB115362BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.5	33.0	49.4
130	2.4	2.0	3.0
166	28.7	23.1	34.7

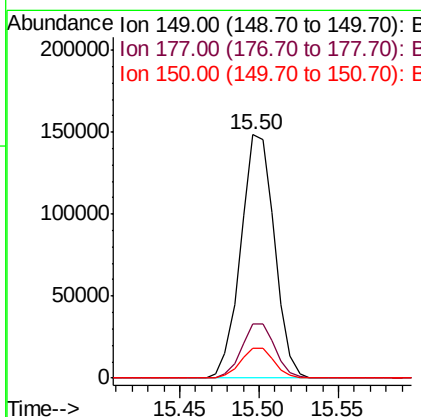
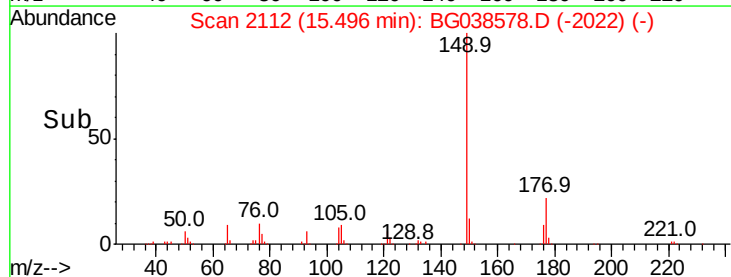
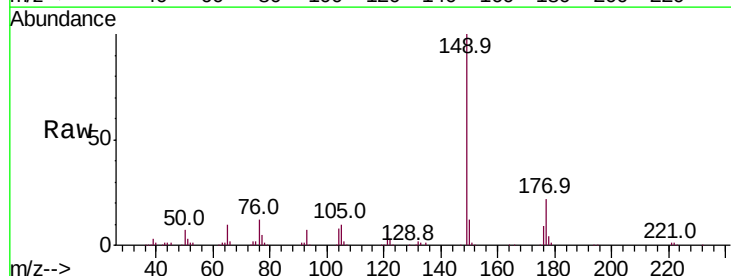
Manual Integrations
 APPROVED

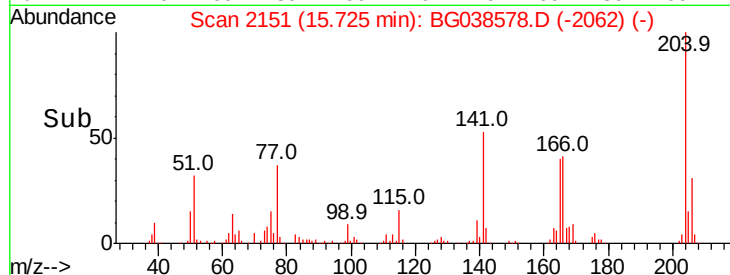
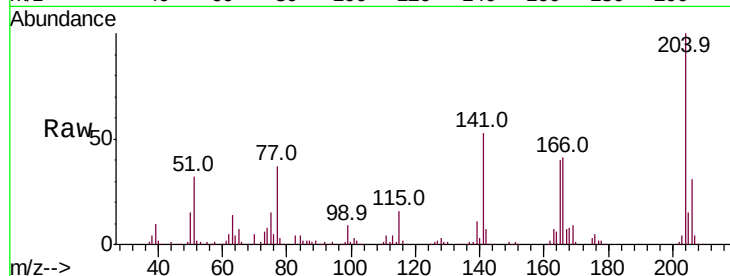
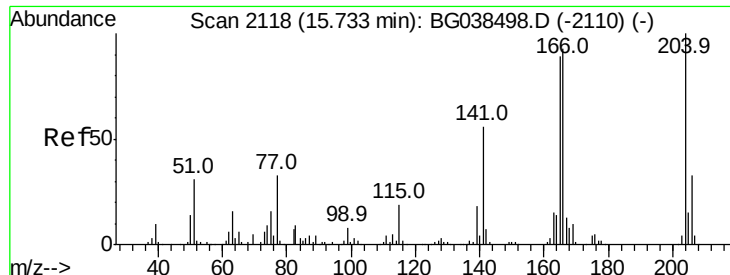
Sohil
 12/17/2018 4:11:51 PM



#60
 Diethylphthalate
 Concen: 38.453 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: BG038578.D
 Acq: 14 Dec 2018 21:45

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.7	26.5
150	12.2	9.9	14.9





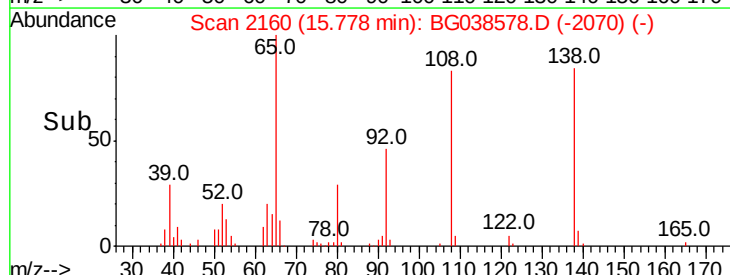
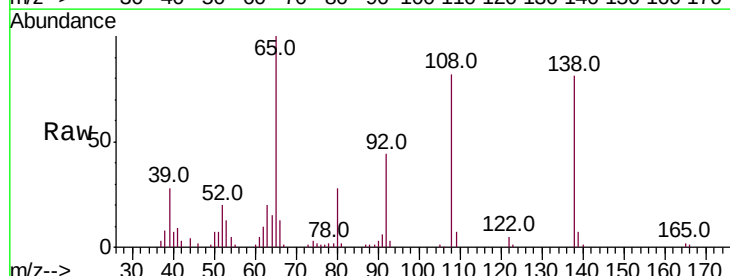
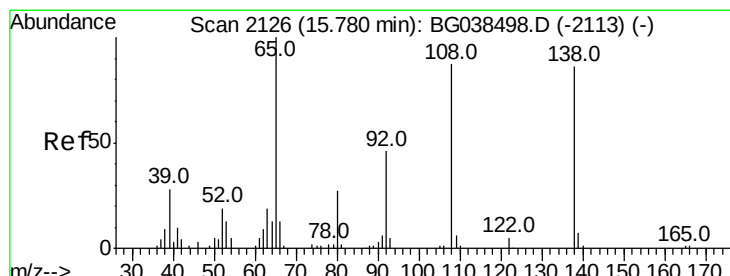
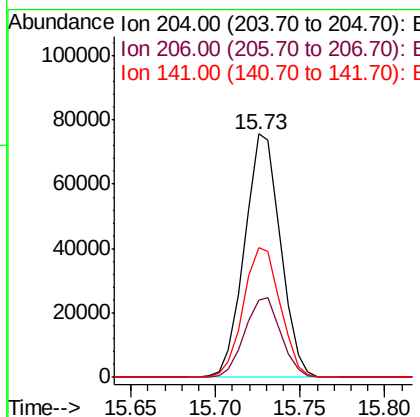
#61
4-Chlorophenyl-phenylether
Concen: 38.461 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Instrument :
BNA_G
ClientSampleId :
PB115362BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.5	26.0	39.0
141	53.5	44.4	66.6

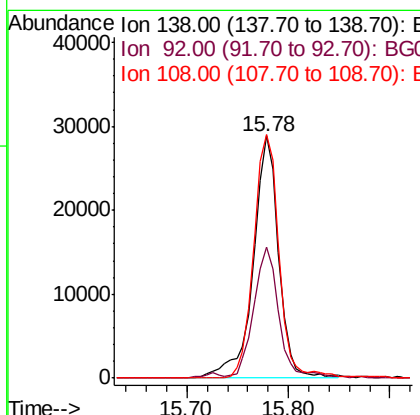
Manual Integrations
APPROVED

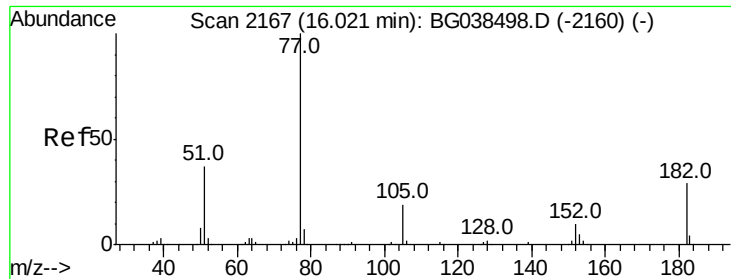
Sohil
12/17/2018 4:11:51 PM



#62
4-Nitroaniline
Concen: 40.729 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.1	33.3	73.3
108	100.6	81.4	121.4





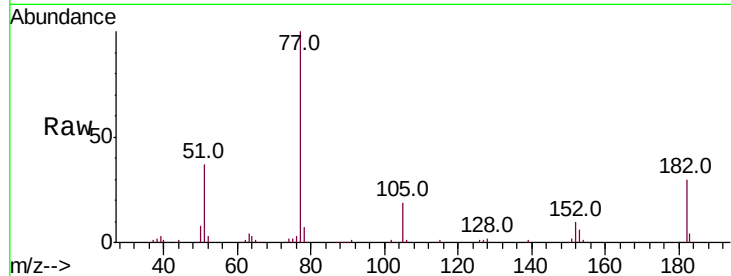
#63
Azobenzene
Concen: 39.885 ng
RT: 16.02 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Instrument :
BNA_G
ClientSampleId :
PB115362BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	29.7	8.7	48.7		
105	18.5	0.0	38.7		
51	37.4	16.6	56.6		

Manual Integrations
APPROVED

Sohil
12/17/2018 4:11:51 PM



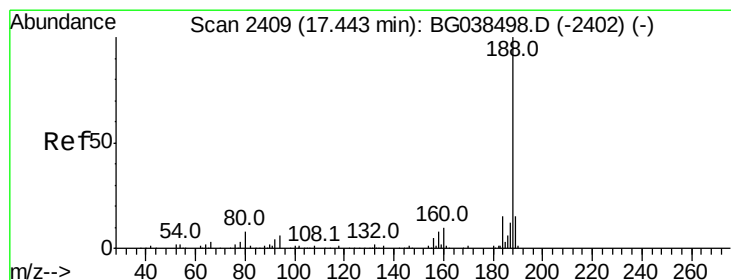
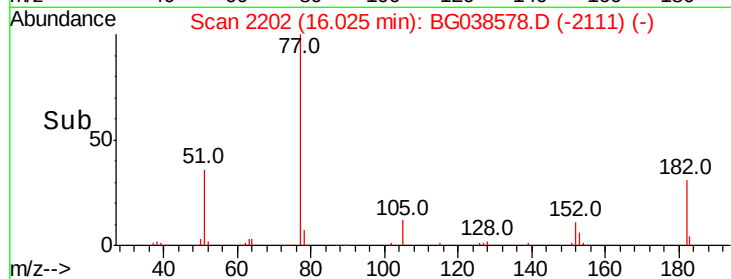
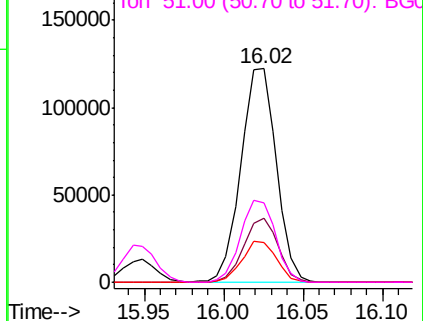
Abundance

Ion 77.00 (76.70 to 77.70): BG038498.D (-2160) (-)

Ion 182.00 (181.70 to 182.70): BG038498.D (-2160) (-)

Ion 105.00 (104.70 to 105.70): BG038498.D (-2160) (-)

Ion 51.00 (50.70 to 51.70): BG038498.D (-2160) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. 0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

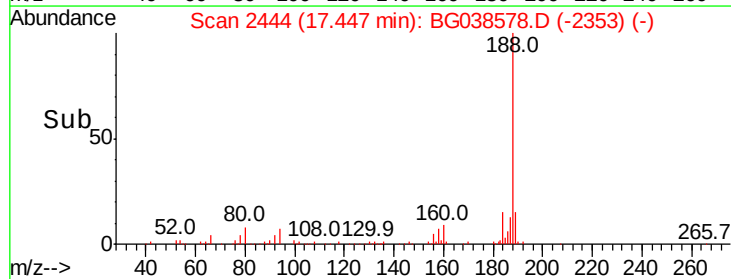
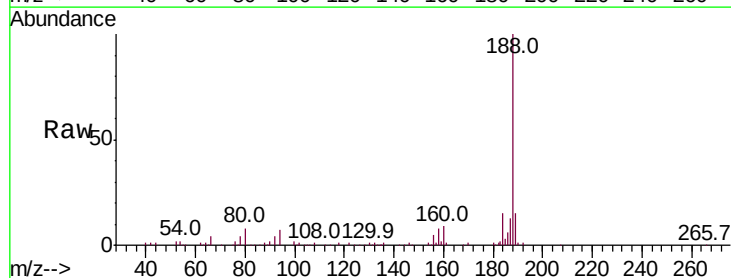
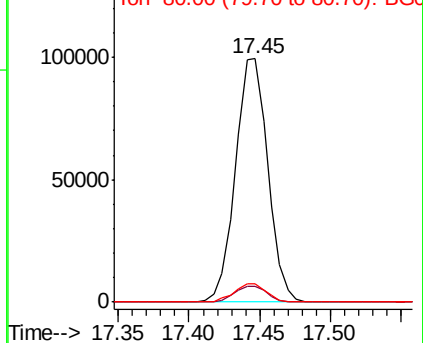
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	6.7	5.1	7.7		
80	7.6	6.1	9.1		

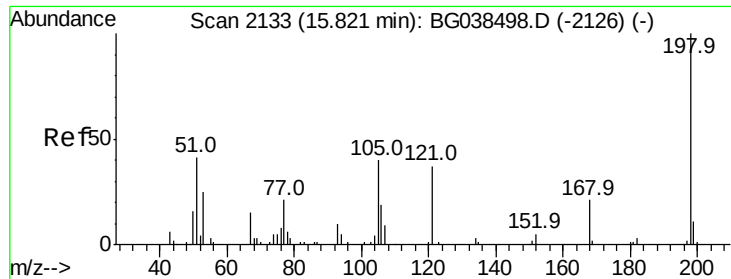
Abundance

Ion 188.00 (187.70 to 188.70): BG038498.D (-2402) (-)

Ion 94.00 (93.70 to 94.70): BG038498.D (-2402) (-)

Ion 80.00 (79.70 to 80.70): BG038498.D (-2402) (-)





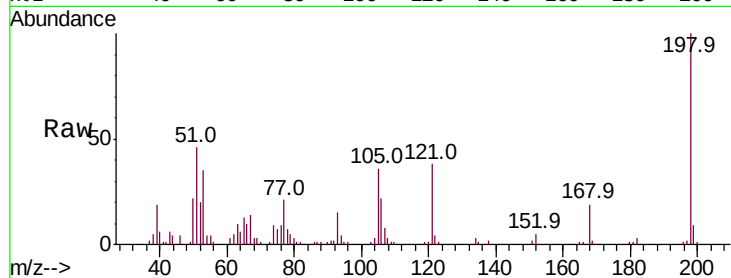
#65
4,6-Dinitro-2-methylphenol
Concen: 37.344 ng
RT: 15.83 min Scan# 2168
Delta R.T. 0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Instrument :
BNA_G
ClientSampleId :
PB115362BSD

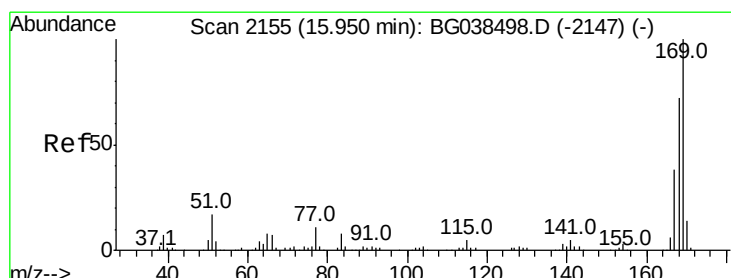
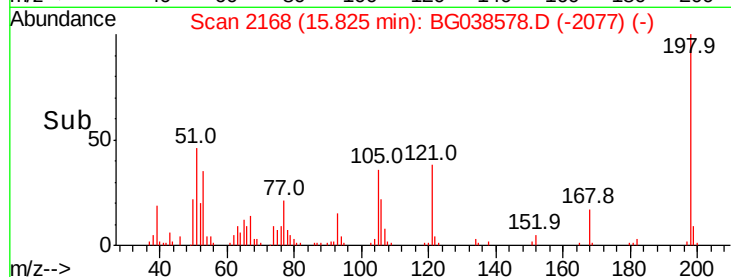
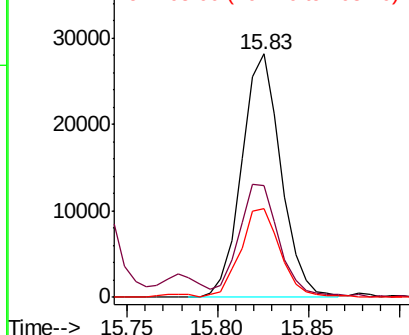
Tot Ion	Ratio	Resp	Lower	Upper
198	100	42337		
51	46.1		28.6	68.6
105	36.2		20.4	60.4

Manual Integrations
APPROVED

Sohil
12/17/2018 4:11:51 PM



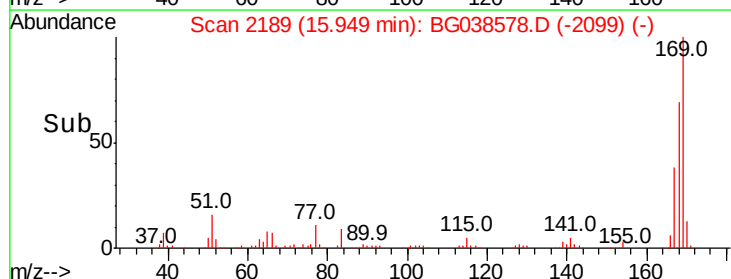
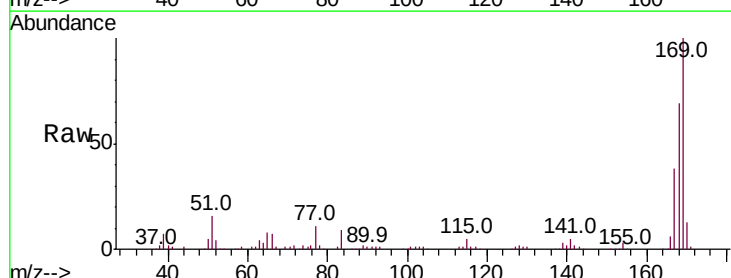
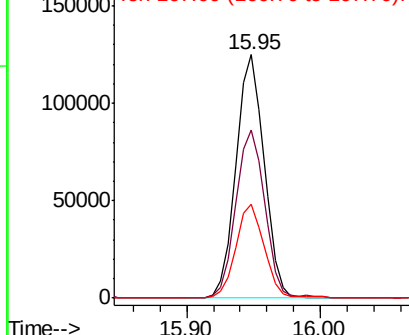
Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

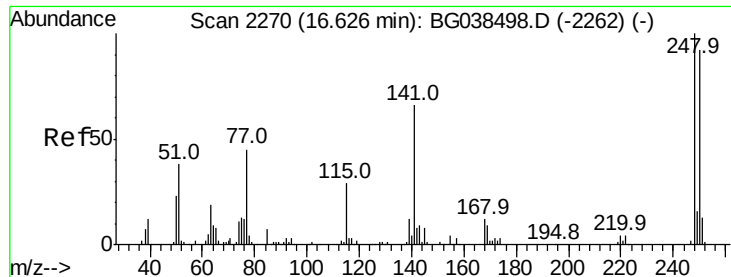


#66
n-Nitrosodiphenylamine
Concen: 39.117 ng
RT: 15.95 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	182663		
168	69.1		57.5	86.3
167	38.4		30.2	45.2

Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





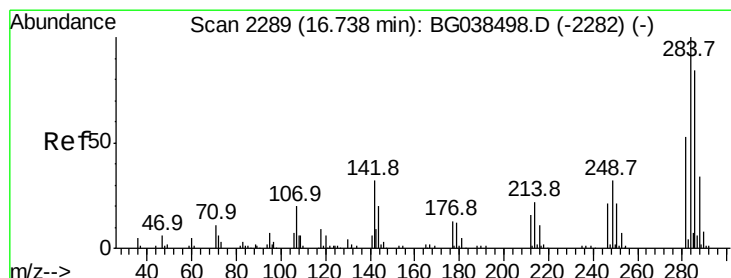
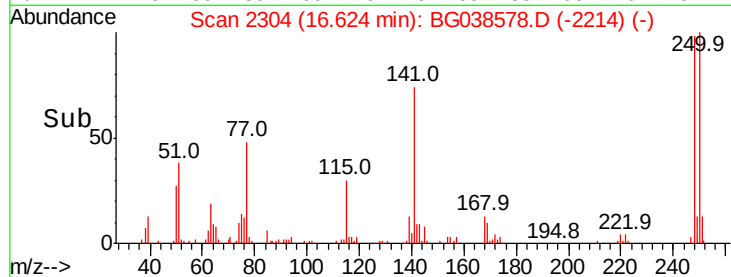
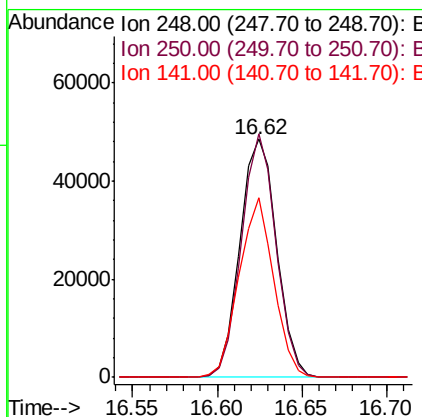
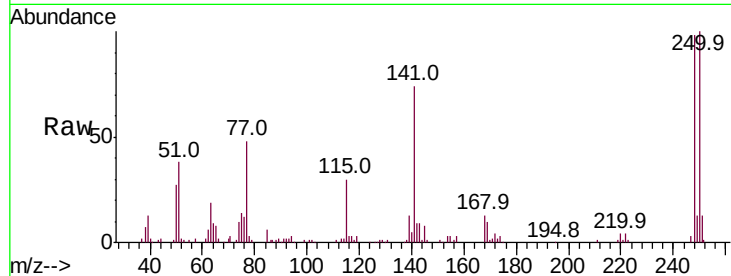
#67
 4-Bromophenyl-phenylether
 Concen: 37.738 ng
 RT: 16.62 min Scan# 2304
 Delta R.T. -0.00 min
 Lab File: BG038578.D
 Acq: 14 Dec 2018 21:45

Instrument :
 BNA_G
 ClientSampleId :
 PB115362BSD

Tot Ion:	248	Resp:	73247
Ion Ratio	Lower	Upper	
248	100		
250	102.1	73.4	110.2
141	75.4	52.9	79.3

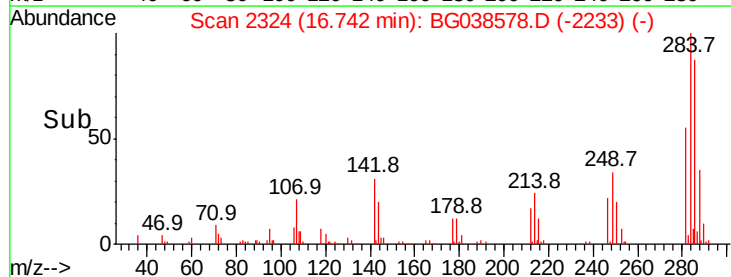
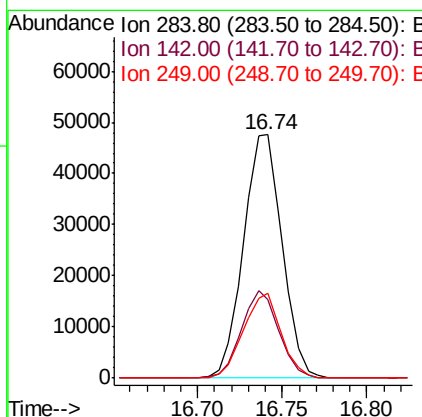
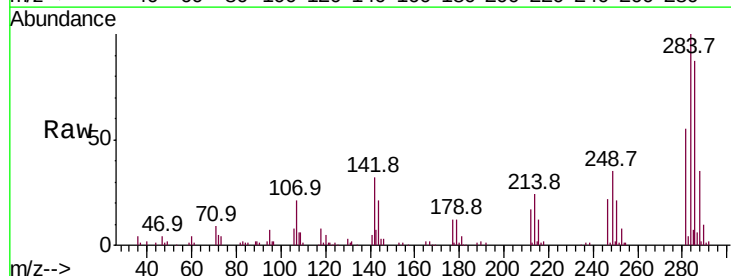
Manual Integrations
 APPROVED

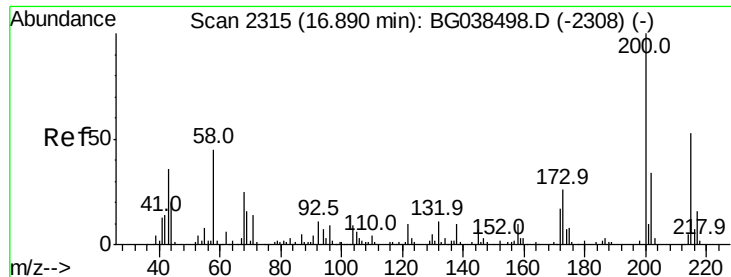
Sohil
 12/17/2018 4:11:51 PM



#68
 Hexachlorobenzene
 Concen: 37.550 ng
 RT: 16.74 min Scan# 2324
 Delta R.T. 0.00 min
 Lab File: BG038578.D
 Acq: 14 Dec 2018 21:45

Tgt Ion:	284	Resp:	75552
Ion Ratio	Lower	Upper	
284	100		
142	32.4	25.8	38.6
249	34.7	27.0	40.4





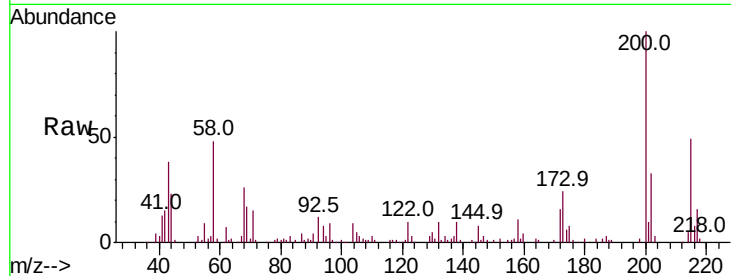
#69
Atrazine
Concen: 44.026 ng
RT: 16.89 min Scan# 2349
Delta R.T. -0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Instrument :
BNA_G
ClientSampleId :
PB115362BSD

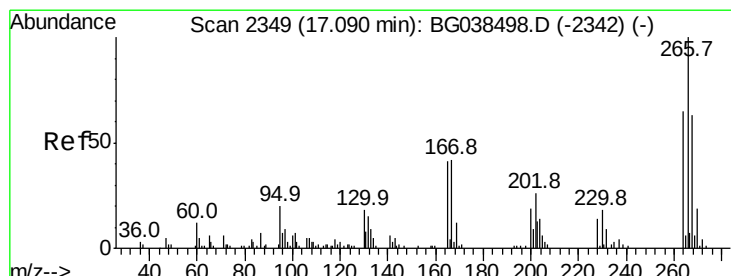
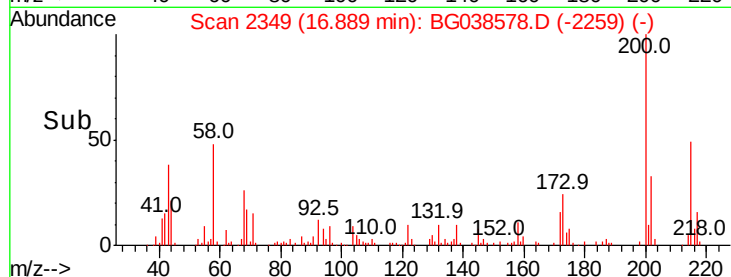
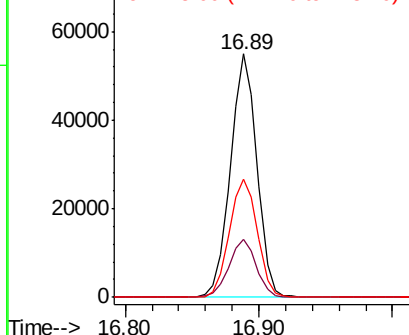
Tot Ion	Ratio	Lower	Upper
200	100		
173	23.8	5.9	45.9
215	48.6	33.1	73.1

Manual Integrations
APPROVED

Sohil
12/17/2018 4:11:51 PM



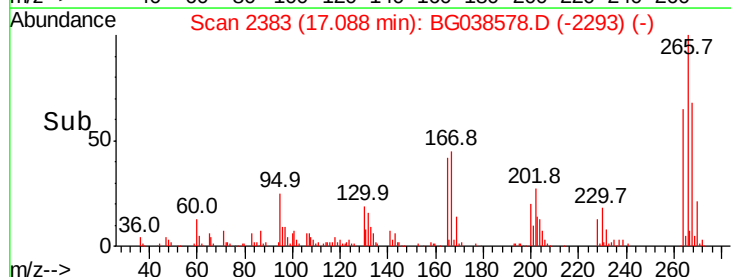
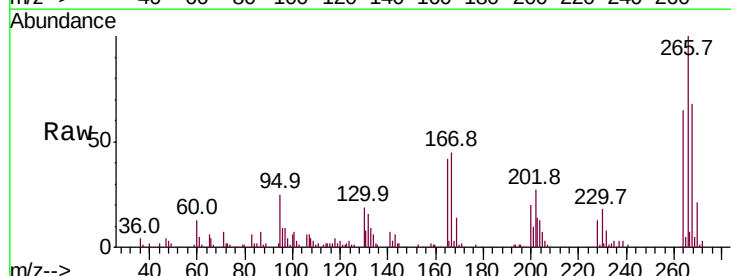
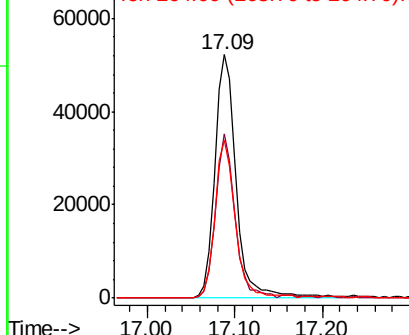
Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

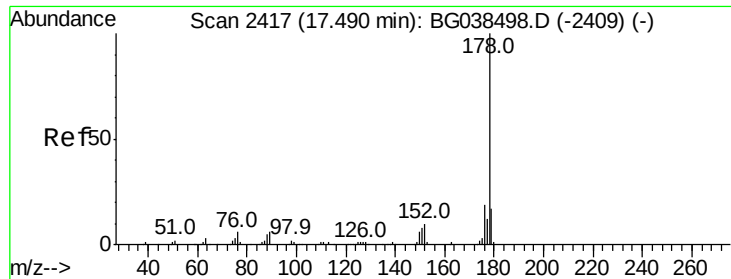


#70
Pentachlorophenol
Concen: 74.676 ng
RT: 17.09 min Scan# 2383
Delta R.T. -0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Tgt Ion	Ratio	Lower	Upper
266	100		
268	72.7	55.0	82.6
264	65.0	56.7	85.1

Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





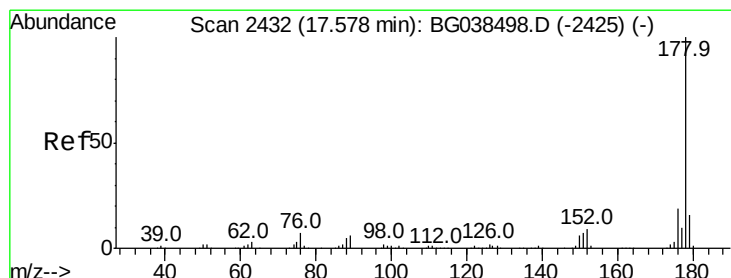
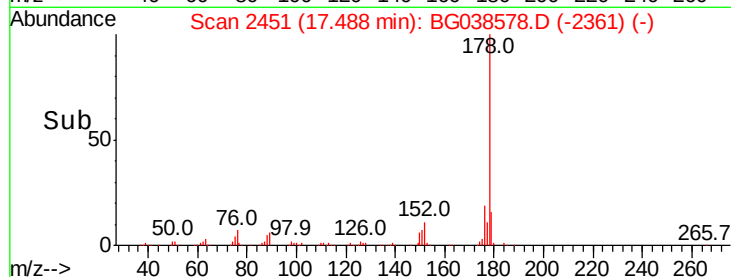
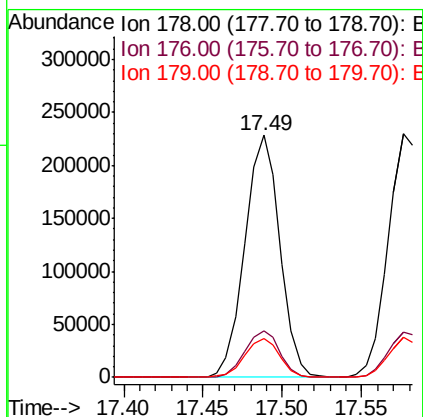
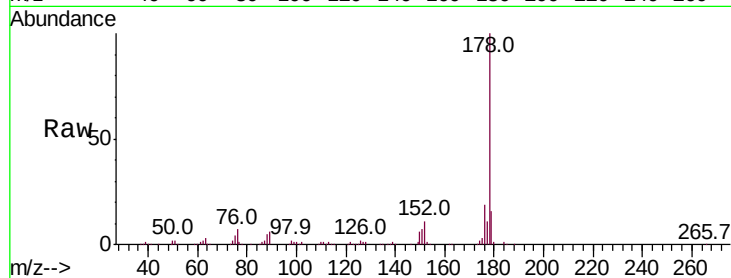
#71
Phenanthrene
Concen: 42.439 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Instrument :
BNA_G
ClientSampleId :
PB115362BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.1	22.7
179	15.8	13.2	19.8

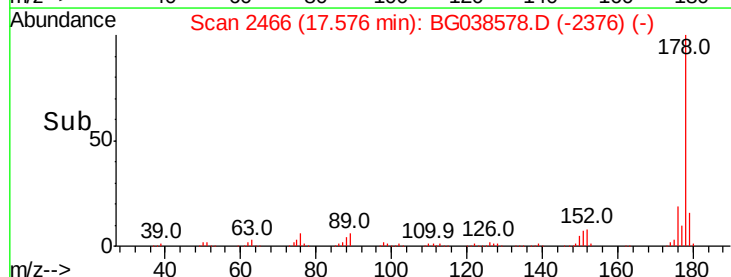
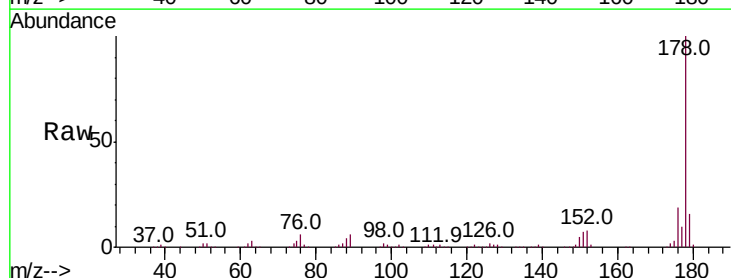
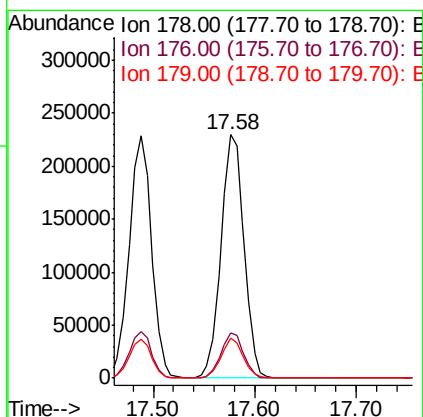
Manual Integrations
APPROVED

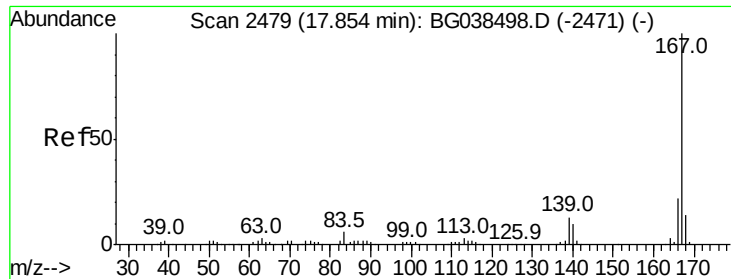
Sohil
12/17/2018 4:11:51 PM



#72
Anthracene
Concen: 44.386 ng
RT: 17.58 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.1	22.7
179	16.4	12.9	19.3





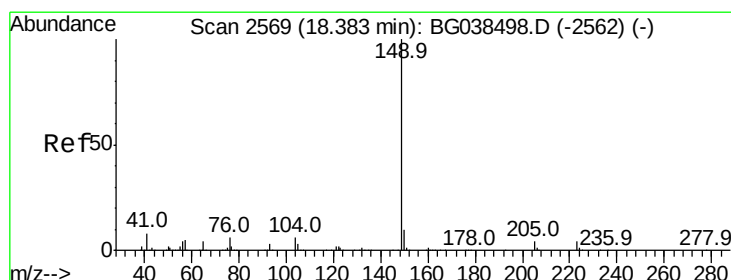
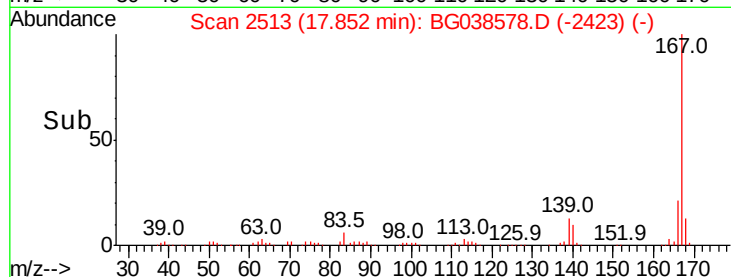
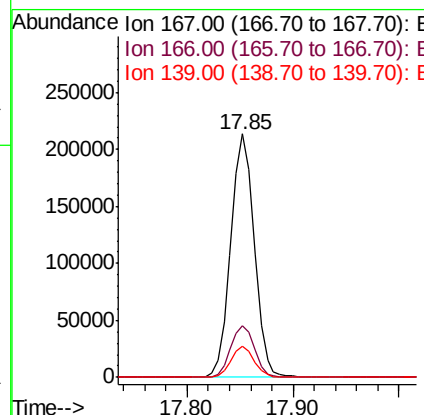
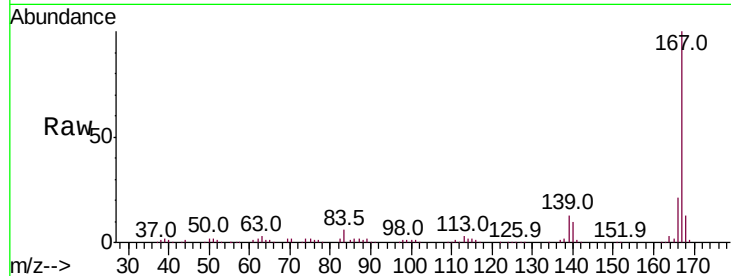
#73
 Carbazole
 Concen: 40.810 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG038578.D
 Acq: 14 Dec 2018 21:45

Instrument :
 BNA_G
 ClientSampleId :
 PB115362BSD

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	21.4	17.9	26.9	
139	13.0	10.2	15.2	

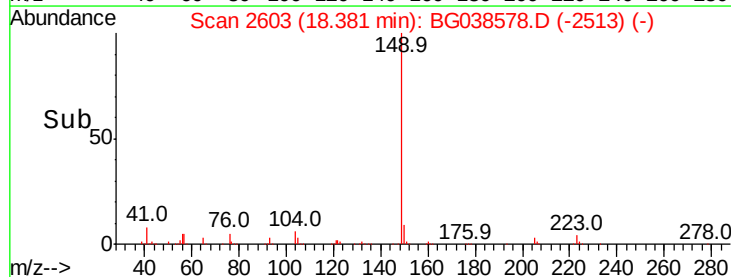
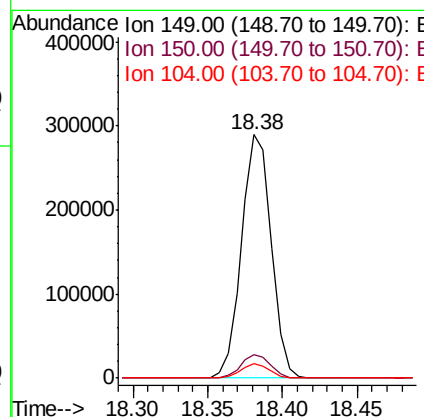
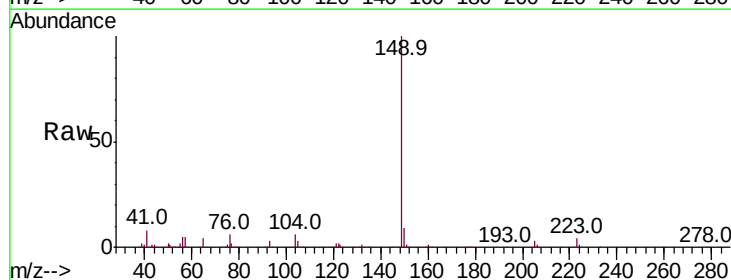
Manual Integrations
 APPROVED

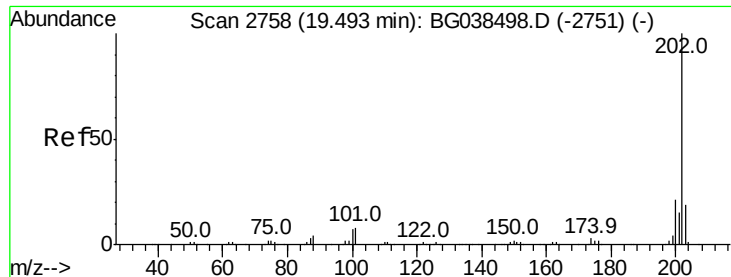
Sohil
 12/17/2018 4:11:51 PM



#74
 Di-n-butylphthalate
 Concen: 43.251 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: BG038578.D
 Acq: 14 Dec 2018 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.4	7.6	11.4	
104	6.0	5.0	7.4	





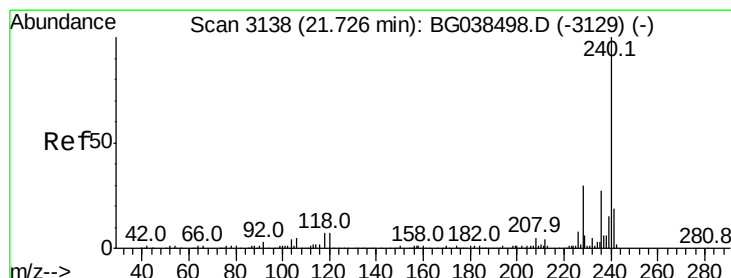
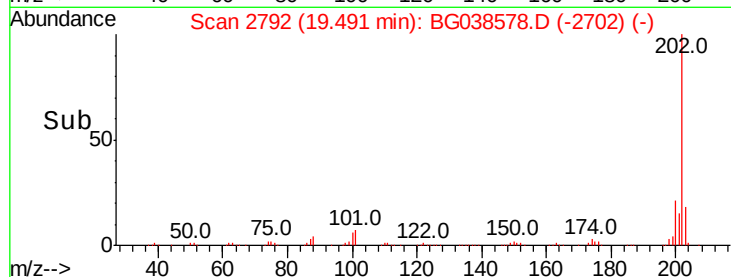
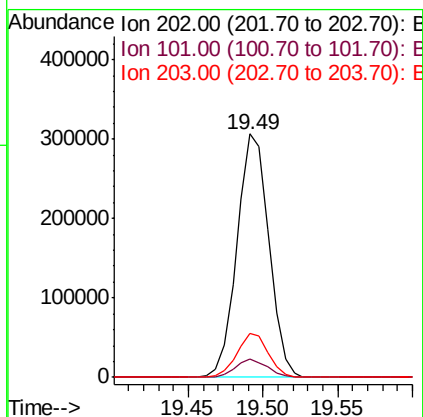
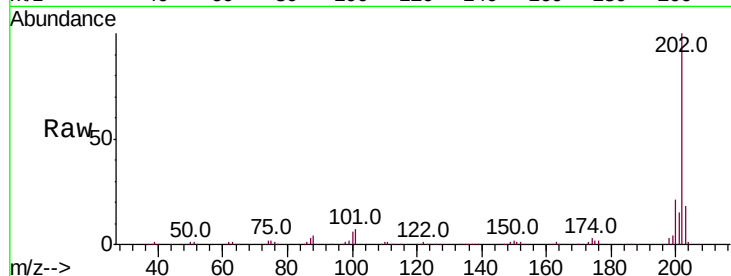
#75
Fluoranthene
 Concen: 44.510 ng
 RT: 19.49 min Scan# 2792
 Delta R.T. -0.00 min
 Lab File: BG038578.D
 Acq: 14 Dec 2018 21:45

Instrument :
 BNA_G
 ClientSampleId :
 PB115362BSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	453869		
101	7.4	0.0	28.1	
203	18.2	0.0	39.0	

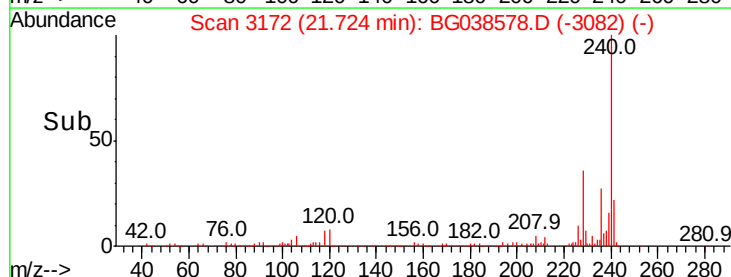
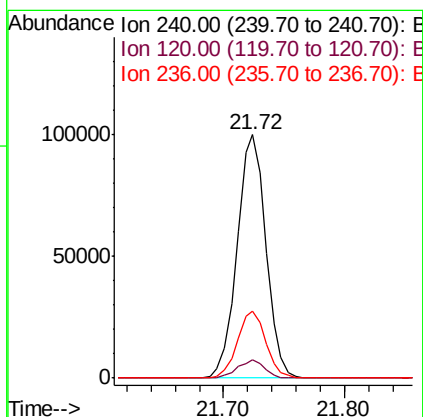
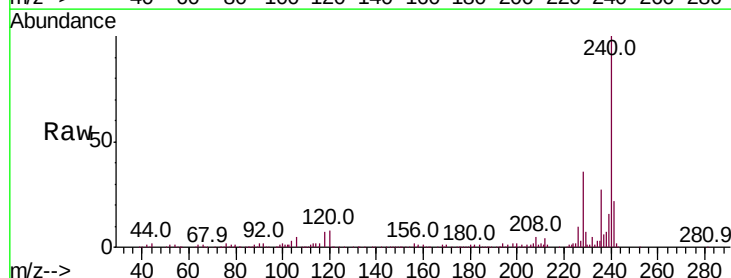
Manual Integrations
 APPROVED

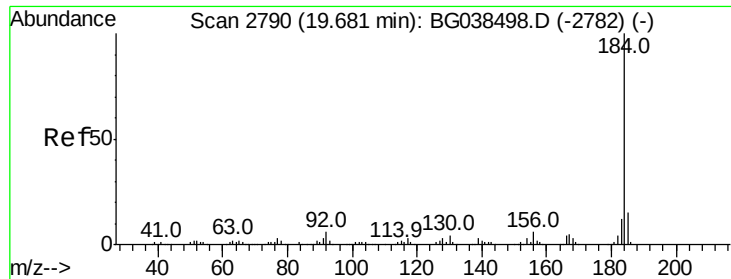
Sohil
 12/17/2018 4:11:51 PM



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3172
 Delta R.T. -0.00 min
 Lab File: BG038578.D
 Acq: 14 Dec 2018 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	166063		
120	7.5	5.3	7.9	
236	27.5	21.4	32.2	





#77

Benzidine

Concen: 45.682 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG038578.D

Acq: 14 Dec 2018 21:45

Instrument :

BNA_G

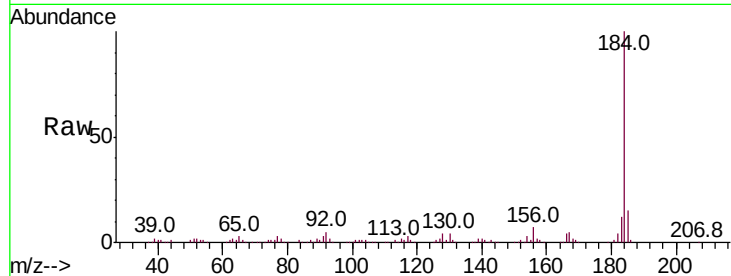
ClientSampleId :

PB115362BSD

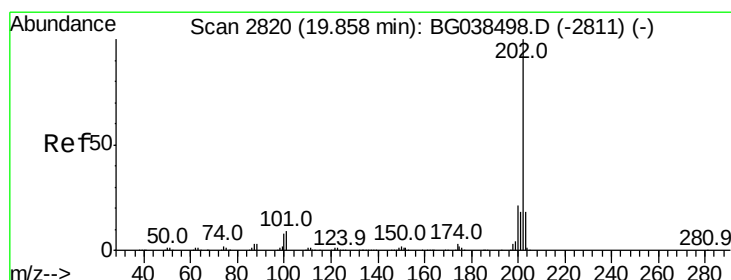
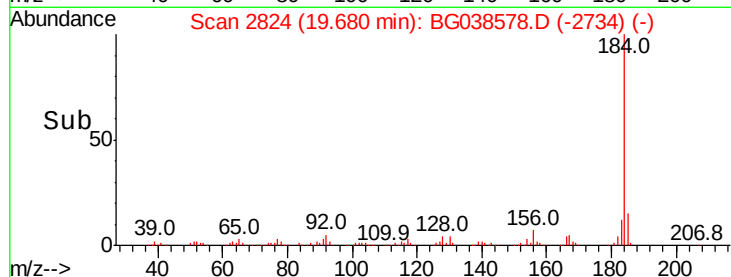
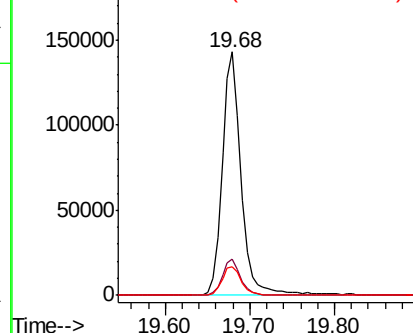
Tot Ion:	184	Resp:	224351
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.2	18.2
183	12.0	9.6	14.4

Manual Integrations
APPROVED

Sohil
12/17/2018 4:11:51 PM



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



#78

Pyrene

Concen: 41.467 ng

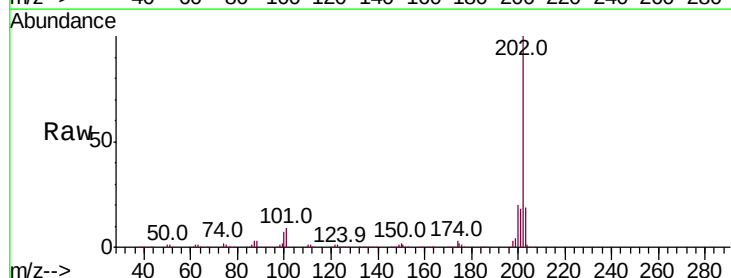
RT: 19.86 min Scan# 2854

Delta R.T. -0.00 min

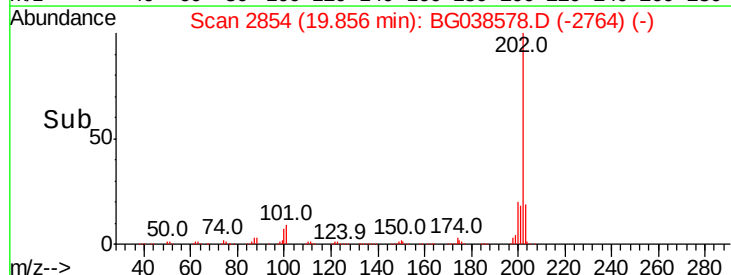
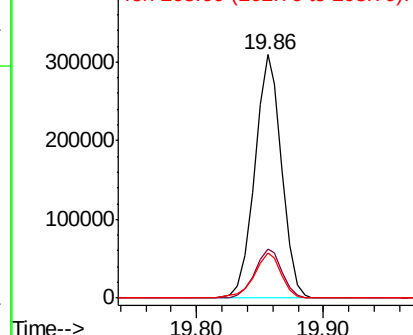
Lab File: BG038578.D

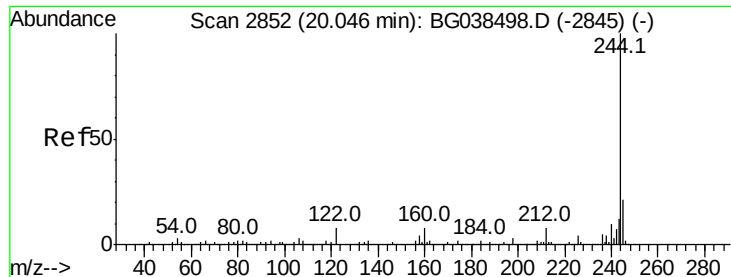
Acq: 14 Dec 2018 21:45

Tgt Ion:	202	Resp:	454917
Ion Ratio	Lower	Upper	
202	100		
200	20.4	16.6	25.0
203	18.5	14.6	21.8



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





#79

Terphenyl-d14

Concen: 74.418 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038578.D

Acq: 14 Dec 2018 21:45

Instrument :

BNA_G

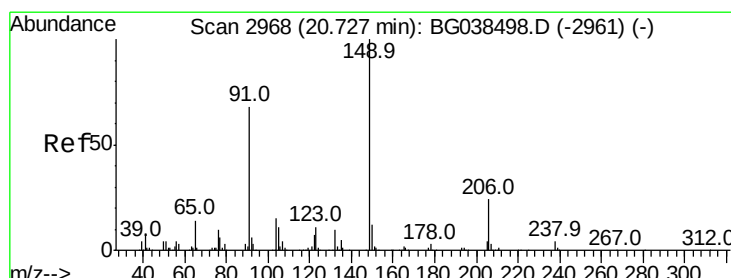
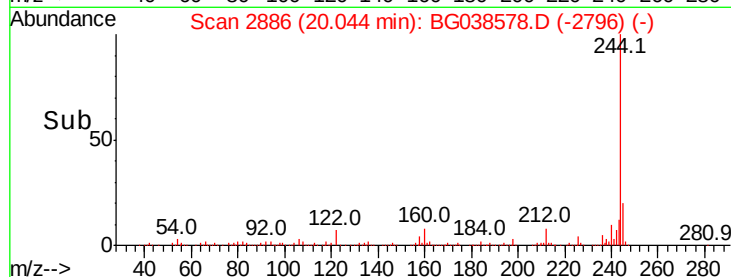
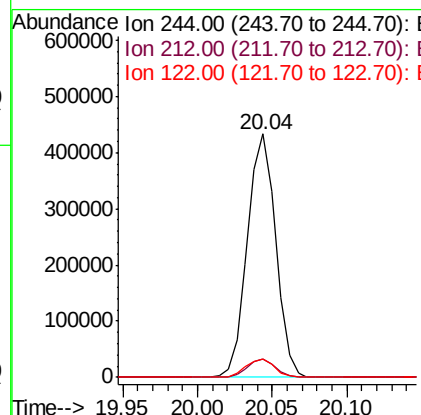
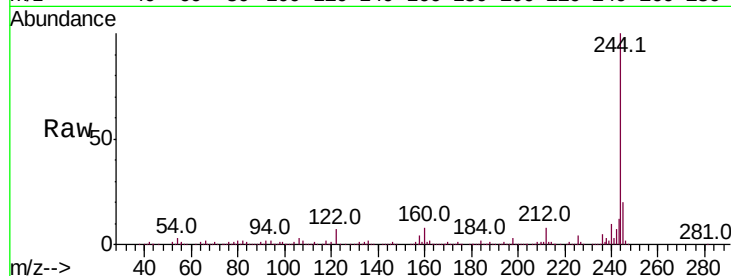
ClientSampleId :

PB115362BSD

Tot Ion:	244	Resp:	567837
Ion Ratio	Lower	Upper	
244	100		
212	7.7	6.2	9.2
122	7.5	6.3	9.5

Manual Integrations
APPROVED

Sohil
12/17/2018 4:11:51 PM



#80

Butylbenzylphthalate

Concen: 42.350 ng

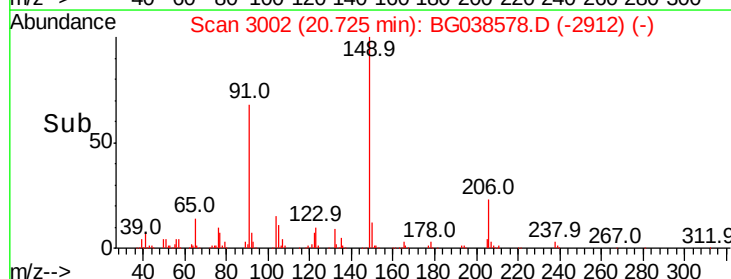
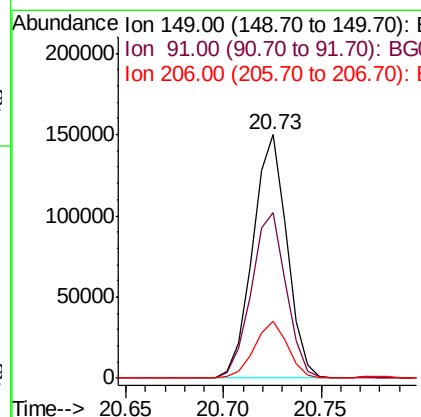
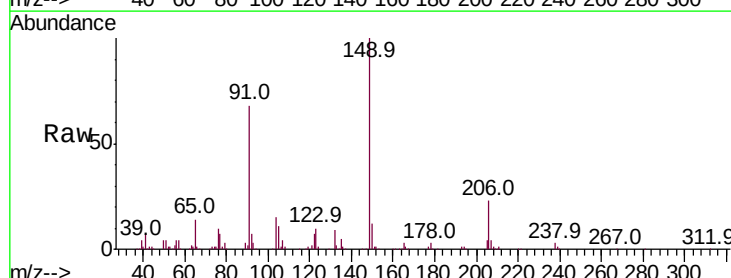
RT: 20.73 min Scan# 3002

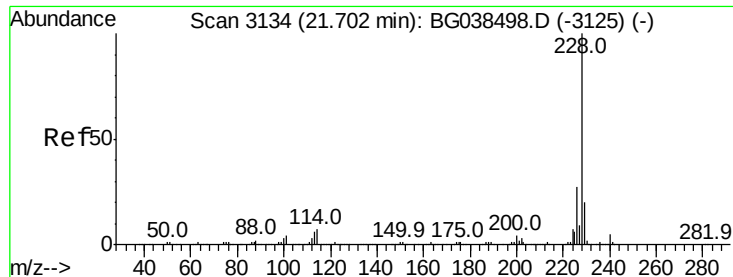
Delta R.T. -0.00 min

Lab File: BG038578.D

Acq: 14 Dec 2018 21:45

Tgt Ion:	149	Resp:	181515
Ion Ratio	Lower	Upper	
149	100		
91	67.9	54.5	81.7
206	23.4	19.0	28.6





#81

Benzo(a)anthracene

Concen: 43.652 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG038578.D

Acq: 14 Dec 2018 21:45

Instrument :

BNA_G

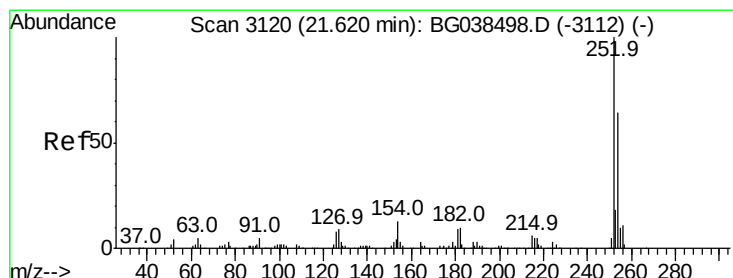
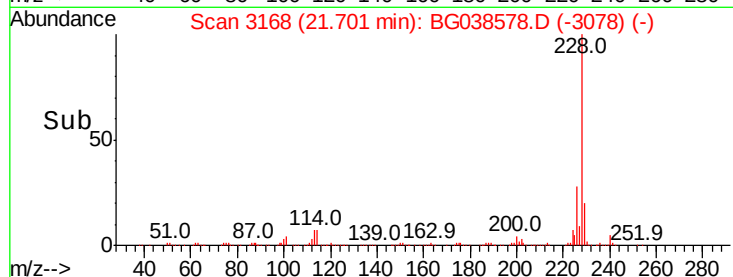
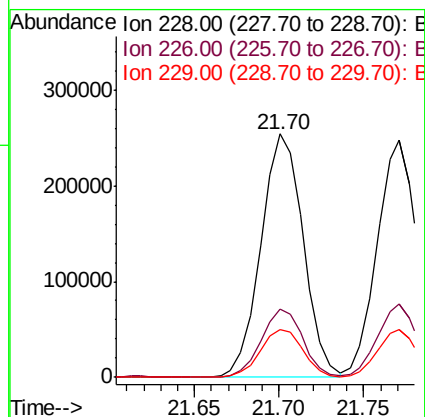
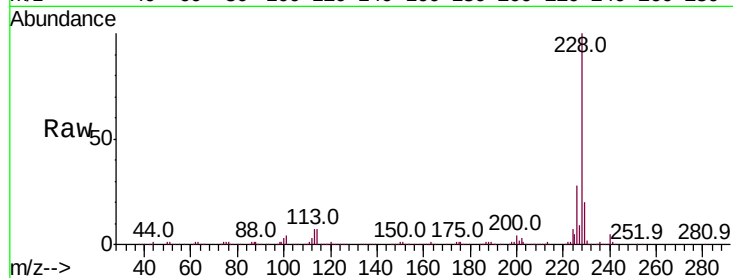
ClientSampleId :

PB115362BSD

Tot Ion:	228	Resp:	441714
Ion Ratio		Lower	Upper
228	100		
226	28.0	21.8	32.8
229	19.5	15.8	23.6

Manual Integrations
APPROVED

Sohil
12/17/2018 4:11:51 PM



#82

3,3'-Dichlorobenzidine

Concen: 28.123 ng

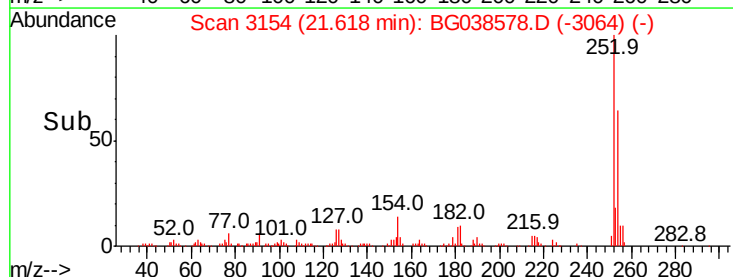
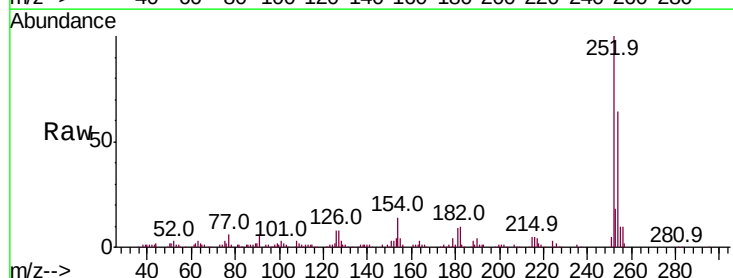
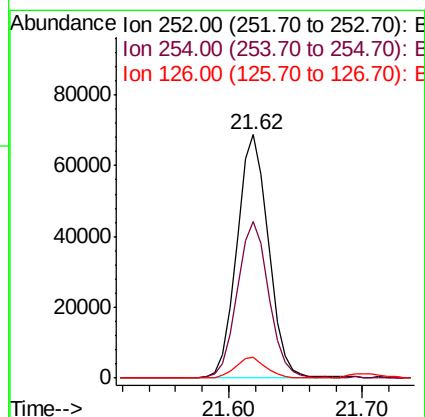
RT: 21.62 min Scan# 3154

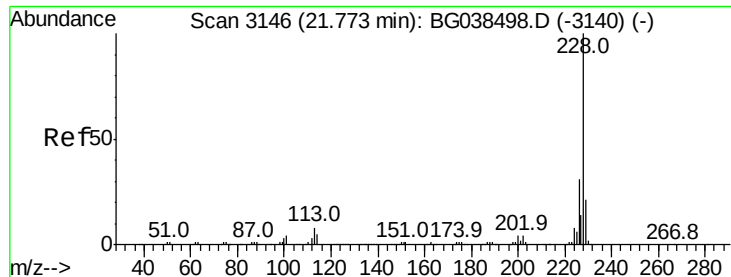
Delta R.T. -0.00 min

Lab File: BG038578.D

Acq: 14 Dec 2018 21:45

Tgt Ion:	252	Resp:	112864
Ion Ratio		Lower	Upper
252	100		
254	64.3	50.9	76.3
126	8.4	6.3	9.5





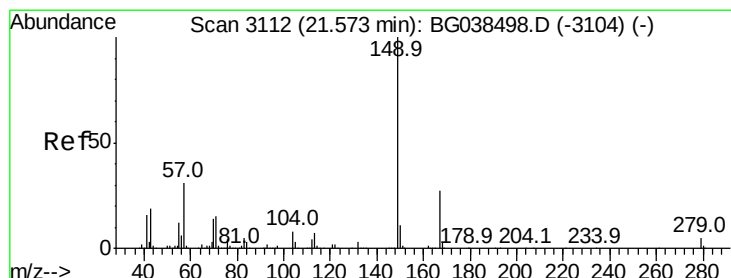
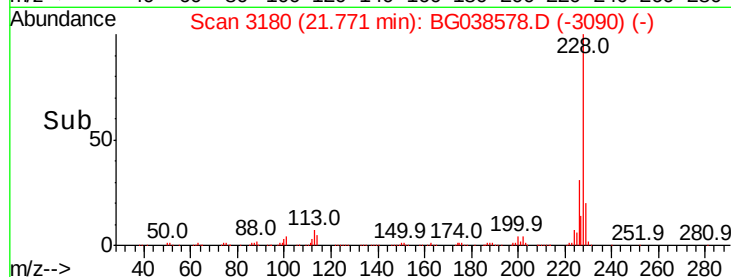
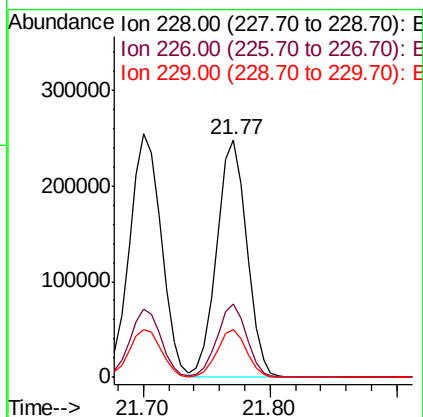
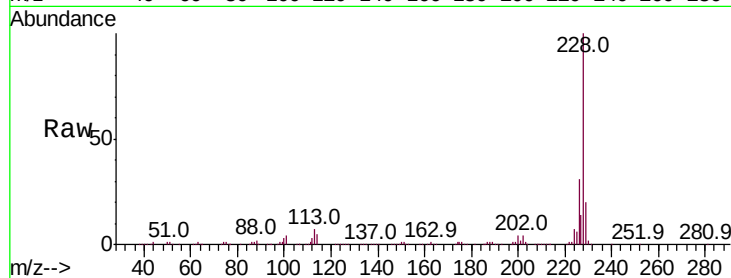
#83
 Chrysene
 Concen: 41.894 ng
 RT: 21.77 min Scan# 3180
 Delta R.T. -0.00 min
 Lab File: BG038578.D
 Acq: 14 Dec 2018 21:45

Instrument :
 BNA_G
 ClientSampleId :
 PB115362BSD

Tot Ion:	228	Resp:	408328
Ion Ratio	Lower	Upper	
228	100		
226	30.9	25.0	37.4
229	20.3	16.5	24.7

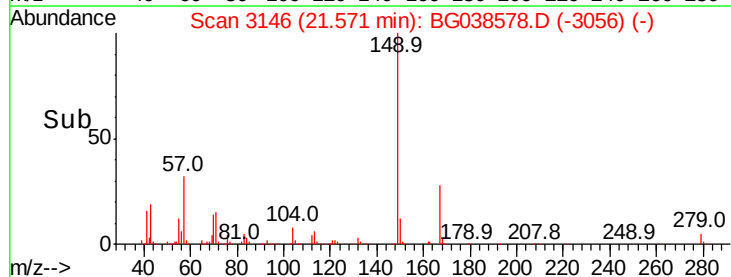
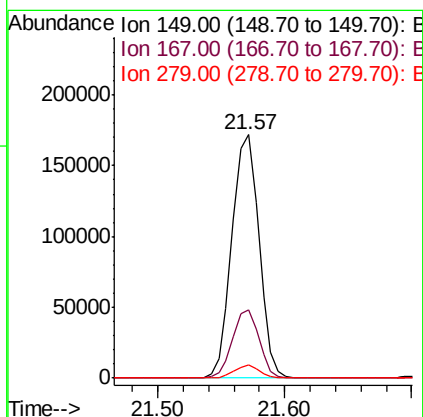
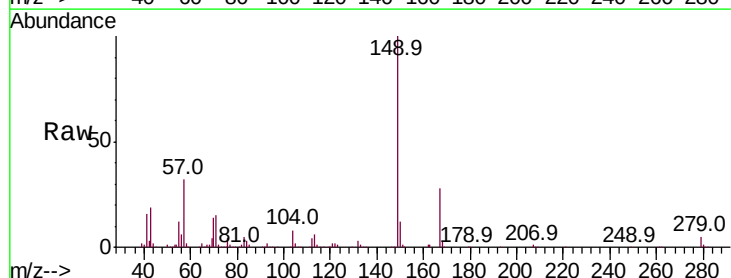
Manual Integrations
 APPROVED

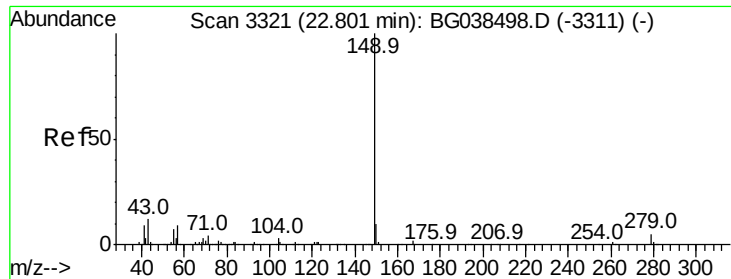
Sohil
 12/17/2018 4:11:51 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.771 ng
 RT: 21.57 min Scan# 3146
 Delta R.T. -0.00 min
 Lab File: BG038578.D
 Acq: 14 Dec 2018 21:45

Tgt Ion:	149	Resp:	253916
Ion Ratio	Lower	Upper	
149	100		
167	28.1	21.9	32.9
279	5.5	4.2	6.2





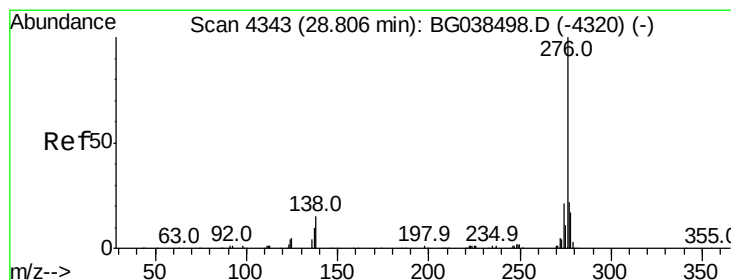
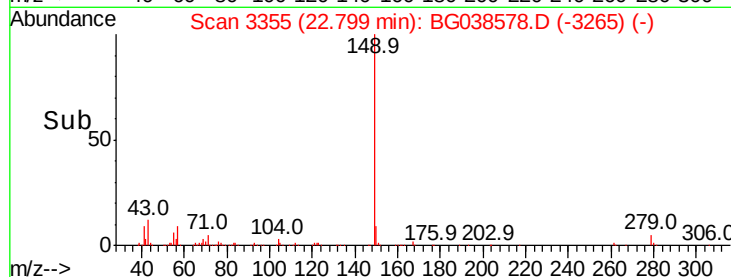
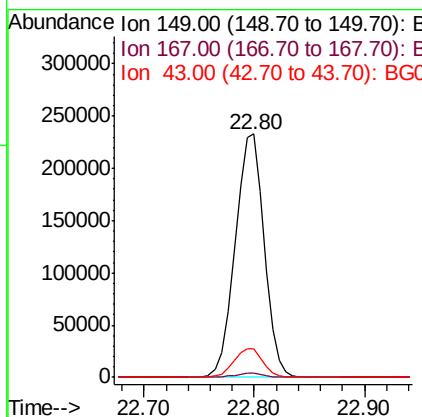
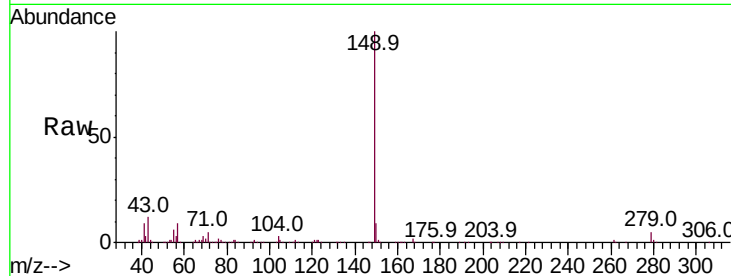
#85
Di-n-octyl phthalate
Concen: 42.207 ng
RT: 22.80 min Scan# 3355
Delta R.T. -0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Instrument :
BNA_G
ClientSampleId :
PB115362BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	429689		
167	1.7		1.2	1.8
43	11.8		9.3	13.9

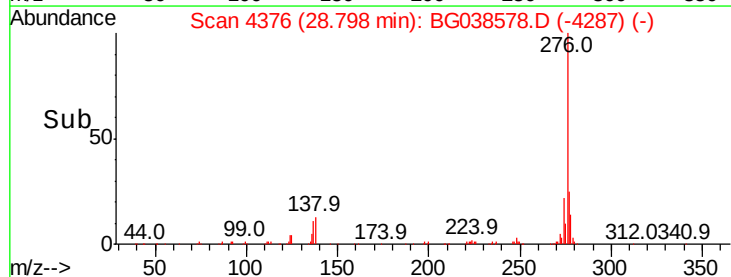
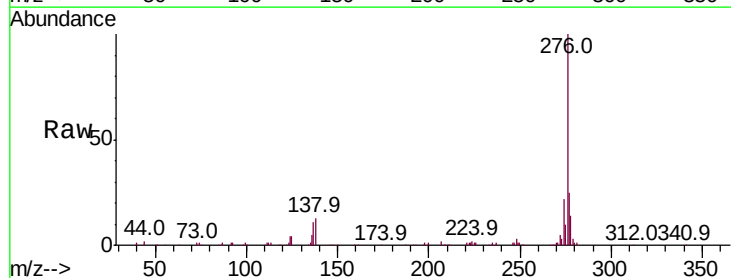
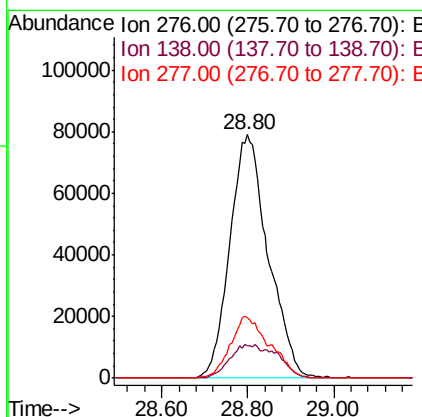
Manual Integrations
APPROVED

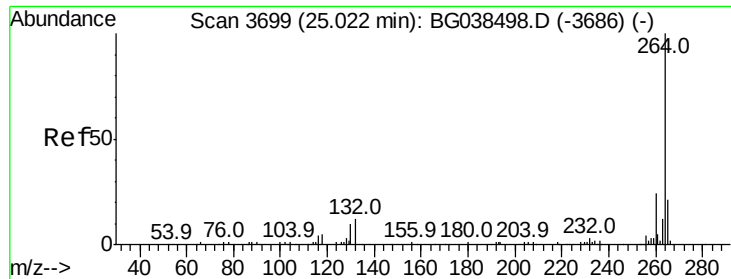
Sohil
12/17/2018 4:11:51 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 42.757 ng
RT: 28.80 min Scan# 4376
Delta R.T. -0.01 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	489935		
138	0.0		14.4	21.6#
277	25.8		0.0	0.0#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG038578.D

Acq: 14 Dec 2018 21:45

Instrument :

BNA_G

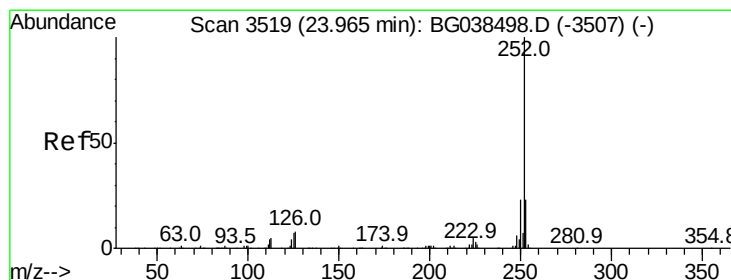
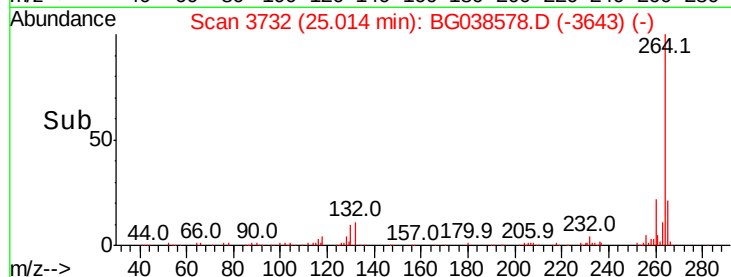
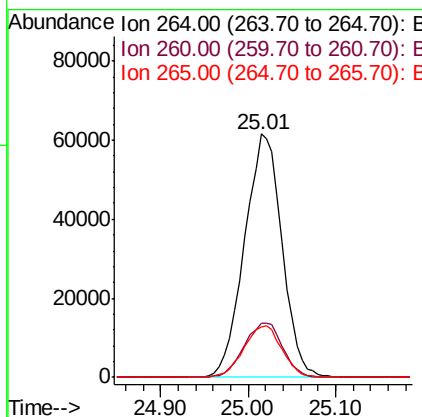
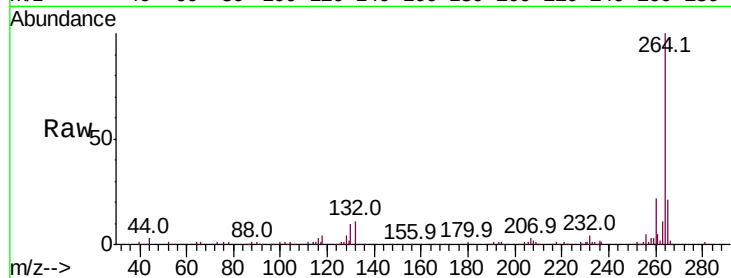
ClientSampleId :

PB115362BSD

Tot Ion:	264	Resp:	179279
Ion Ratio	Lower	Upper	
264	100		
260	22.2	18.9	28.3
265	20.8	17.0	25.4

Manual Integrations
APPROVED

Sohil
12/17/2018 4:11:51 PM



#88

Benzo(b)fluoranthene

Concen: 44.516 ng

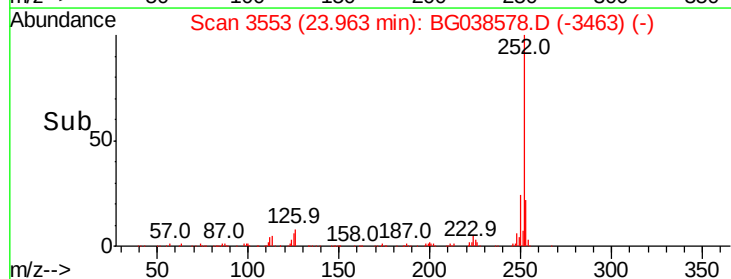
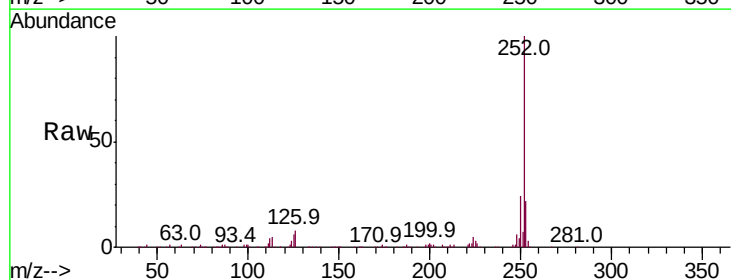
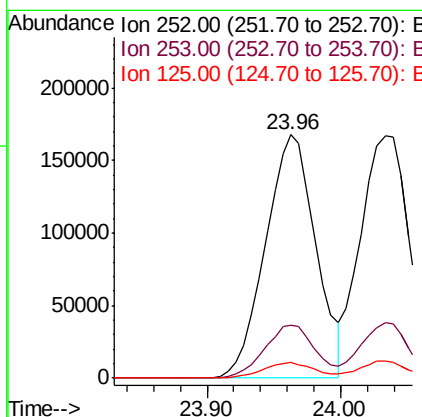
RT: 23.96 min Scan# 3553

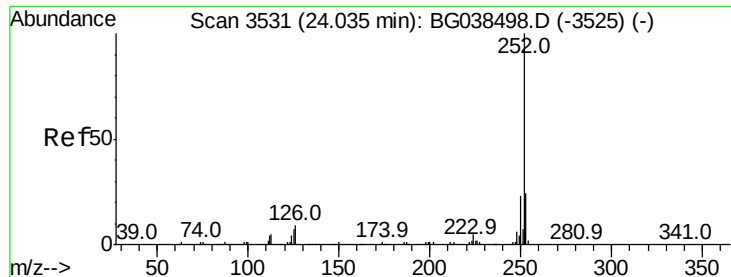
Delta R.T. -0.00 min

Lab File: BG038578.D

Acq: 14 Dec 2018 21:45

Tgt Ion:	252	Resp:	438178
Ion Ratio	Lower	Upper	
252	100		
253	21.6	18.1	27.1
125	6.2	5.5	8.3





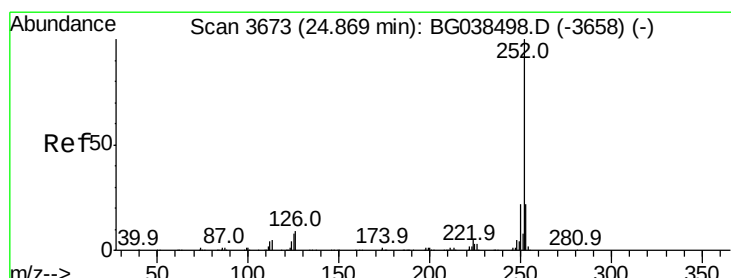
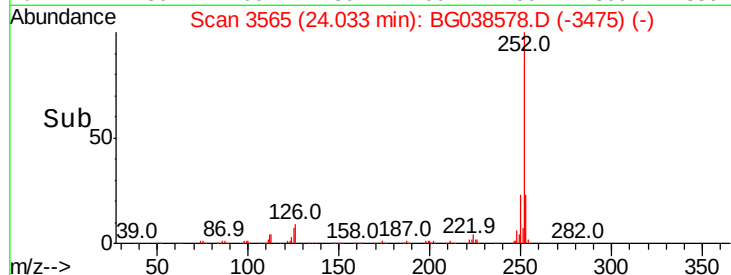
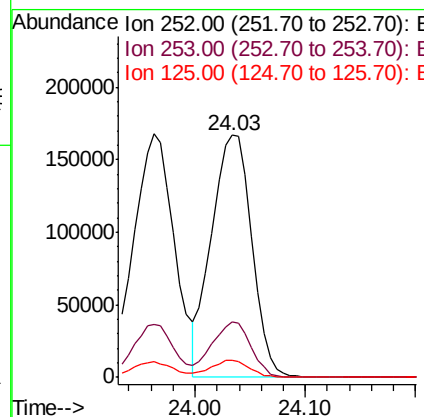
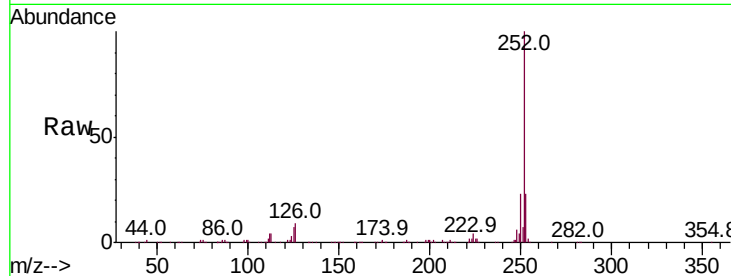
#89
Benzo(k)fluoranthene
Concen: 42.951 ng
RT: 24.03 min Scan# 3565
Delta R.T. -0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Instrument :
BNA_G
ClientSampleId :
PB115362BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.9	28.3
125	7.0	5.4	8.2

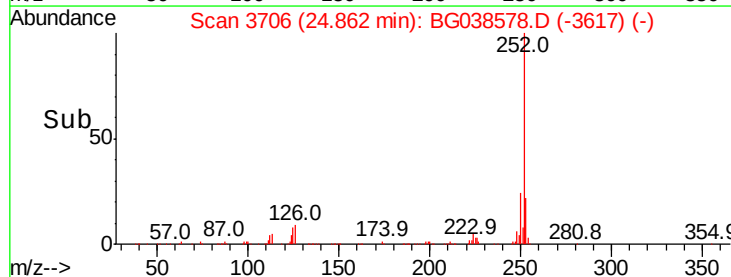
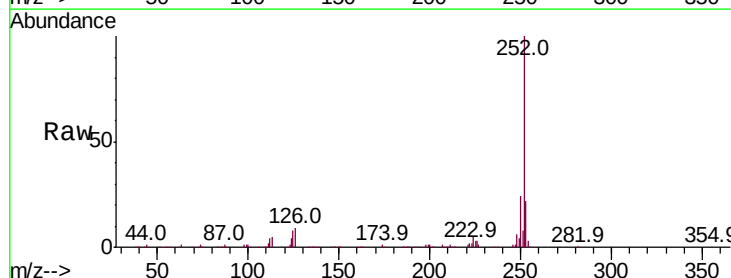
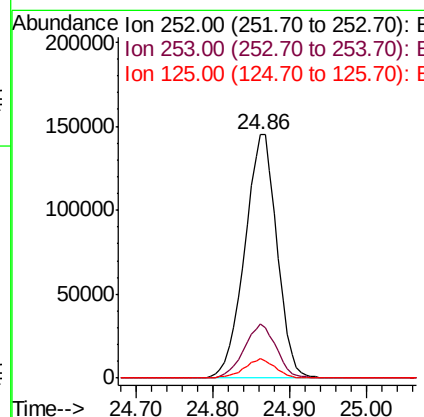
Manual Integrations
APPROVED

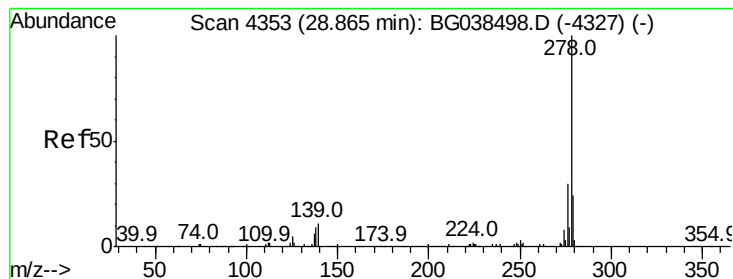
Sohil
12/17/2018 4:11:51 PM



#90
Benzo(a)pyrene
Concen: 44.756 ng
RT: 24.86 min Scan# 3706
Delta R.T. -0.01 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	7.8	6.4	9.6





#91

Dibenzo(a,h)anthracene

Concen: 43.365 ng

RT: 28.86 min Scan# 4387

Delta R.T. -0.00 min

Lab File: BG038578.D

Acq: 14 Dec 2018 21:45

Instrument :

BNA_G

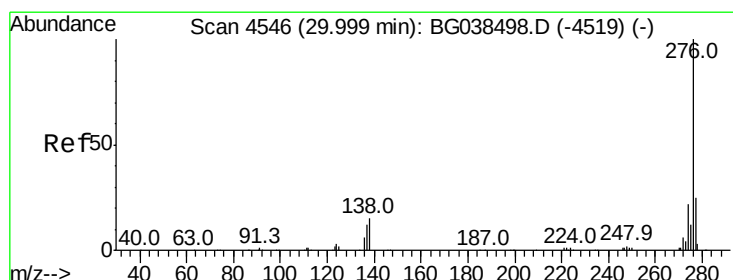
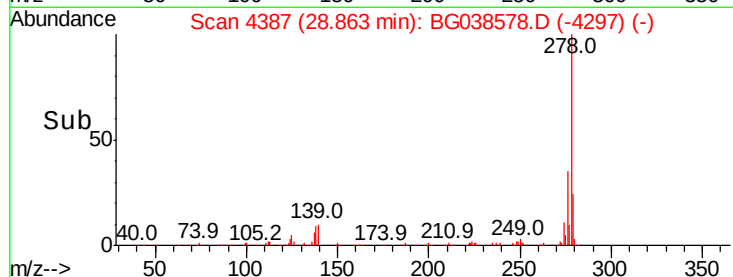
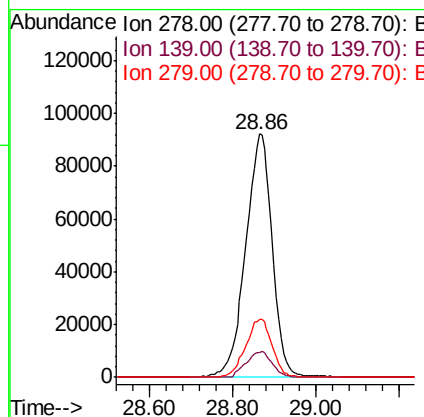
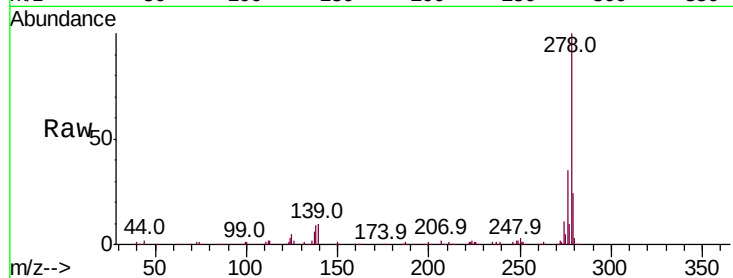
ClientSampleId :

PB115362BSD

Tot Ion:	278	Resp:	410017
Ion Ratio	Lower	Upper	
278	100		
139	10.4	8.6	12.8
279	23.7	19.0	28.6

Manual Integrations
APPROVED

Sohil
12/17/2018 4:11:51 PM



#92

Benzo(g,h,i)perylene

Concen: 43.835 ng

RT: 29.99 min Scan# 4579

Delta R.T. -0.01 min

Lab File: BG038578.D

Acq: 14 Dec 2018 21:45

Tgt Ion:	276	Resp:	408453
Ion Ratio	Lower	Upper	
276	100		
277	24.2	19.8	29.8
138	14.3	11.8	17.6

