

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071818\
 Data File : BG035749.D
 Acq On : 19 Jul 2018 12:05
 Operator : JU/SJ
 Sample : PB111228BSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111228BSD

Manual Integrations
 APPROVED

Sohil

Quant Time: Jul 19 14:51:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 17:45:13 2018
 Response via : Initial Calibration

7/19/2018 3:45:32 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	41197	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	154370	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	111232	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	300445	20.00	ng	0.00
75) Chrysene-d12	21.67	240	325320	20.00	ng	0.00
86) Perylene-d12	24.88	264	314415	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	251292	101.27	ng	0.00
7) Phenol-d6	7.21	99	368083	99.42	ng	0.00
23) Nitrobenzene-d5	9.20	82	347661	94.08	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	159184	108.58	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	817164	98.42	ng	0.00
78) Terphenyl-d14	20.01	244	1316819	89.22	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	41475	32.840	ng	# 73
3) Pyridine	3.92	79	121755	36.928	ng	# 72
4) n-Nitrosodimethylamine	3.84	42	53620	37.876	ng	# 87
6) Aniline	7.37	93	82977	17.292	ng	94
8) 2-Chlorophenol	7.61	128	120245	47.646	ng	94
9) Benzaldehyde	7.18	77	65460	28.817	ng	97
10) Phenol	7.23	94	179728	48.051	ng	94
11) bis(2-Chloroethyl)ether	7.45	93	120767	41.228	ng	91
12) 1,3-Dichlorobenzene	7.93	146	133323	43.747	ng	97
13) 1,4-Dichlorobenzene	8.07	146	135922	43.895	ng	97
14) 1,2-Dichlorobenzene	8.39	146	125421	42.162	ng	96
15) Benzyl Alcohol	8.28	79	141463	42.077	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.56	45	133627	54.413	ng	78
17) 2-Methylphenol	8.48	107	116811	45.933	ng	# 86
18) Hexachloroethane	9.12	117	50340	42.518	ng	95
19) n-Nitroso-di-n-propylamine	8.84	70	113947	36.550	ng	# 83
20) 3+4-Methylphenols	8.81	107	164345	46.584	ng	92
22) Acetophenone	8.86	105	201665	42.009	ng	# 91
24) Nitrobenzene	9.24	77	167242	45.002	ng	# 93
25) Isophorone	9.76	82	320649	46.744	ng	98
26) 2-Nitrophenol	9.95	139	70423	53.356	ng	# 94
27) 2,4-Dimethylphenol	10.01	122	129410	57.923	ng	89
28) bis(2-Chloroethoxy)methane	10.24	93	172165	45.548	ng	97
29) 2,4-Dichlorophenol	10.49	162	144014	56.469	ng	96
30) 1,2,4-Trichlorobenzene	10.70	180	147427	47.143	ng	97
31) Naphthalene	10.89	128	364311	45.305	ng	99
32) Benzoic acid	10.16	122	38407	25.536	ng	99
34) Hexachlorobutadiene	11.17	225	112167	45.997	ng	97
35) Caprolactam	11.78	113	48785m	44.575	ng	
36) 4-Chloro-3-methylphenol	12.12	107	176613	51.664	ng	90
37) 2-Methylnaphthalene	12.49	142	288993	48.239	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	196455	46.794	ng	99
40) Hexachlorocyclopentadiene	12.83	237	260905	118.498	ng	90
42) 2,4,6-Trichlorophenol	13.10	196	132750	54.070	ng	96

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Manual Integrations
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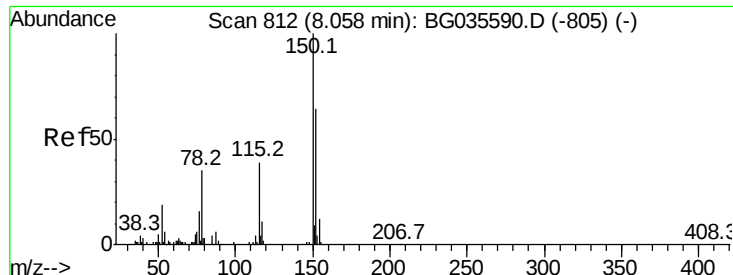
Sohil

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.18	196	140607	51.193	nq	96
45) 1,1'-Biphenyl	13.49	154	406344	47.119	nq	96
46) 2-Chloronaphthalene	13.54	162	320916	47.841	nq	96
47) 2-Nitroaniline	13.74	65	110707	46.683	nq	97
48) Acenaphthylene	14.39	152	528540	47.038	nq	98
49) Dimethylphthalate	14.11	163	448987	46.071	nq	99
50) 2,6-Dinitrotoluene	14.23	165	103721	52.264	nq	93
51) Acenaphthene	14.73	154	307893	43.987	nq	98
52) 3-Nitroaniline	14.57	138	31932	15.743	nq #	96
53) 2,4-Dinitrophenol	14.78	184	13424	18.654	nq #	70
54) Dibenzofuran	15.06	168	514911	46.255	nq	95
55) 4-Nitrophenol	14.88	139	136590	94.557	nq #	88
56) 2,4-Dinitrotoluene	15.02	165	144662	50.810	nq #	89
57) Fluorene	15.71	166	431759	46.275	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.28	232	141368	53.682	nq	93
59) Diethylphthalate	15.47	149	448326	44.739	nq	97
60) 4-Chlorophenyl-phenylether	15.70	204	253911	46.302	nq	97
61) 4-Nitroaniline	15.73	138	98348	46.352	nq #	81
62) Azobenzene	15.99	77	446797	45.202	nq	96
64) 4,6-Dinitro-2-methylphenol	15.78	198	35712	21.353	nq	91
65) n-Nitrosodiphenylamine	15.91	169	386804	45.231	nq	97
66) 4-Bromophenyl-phenylether	16.59	248	172351	49.446	nq	98
67) Hexachlorobenzene	16.71	284	174979	48.746	nq	93
68) Atrazine	16.86	200	179641	51.020	nq	98
69) Pentachlorophenol	17.06	266	101973	46.640	nq	95
70) Phenanthrene	17.45	178	702254	46.843	nq	98
71) Anthracene	17.54	178	714417	47.859	nq	99
72) Carbazole	17.81	167	652981	46.061	nq	98
73) Di-n-butylphthalate	18.36	149	736536	43.965	nq #	98
74) Fluoranthene	19.45	202	925292	45.821	nq	98
76) Benzidine	19.64	184	284737	33.292	nq	97
77) Pyrene	19.81	202	916116	44.536	nq	96
79) Butylbenzylphthalate	20.69	149	349481	47.509	nq #	97
80) Benzo(a)anthracene	21.65	228	946590	46.692	nq	99
81) 3,3'-Dichlorobenzidine	21.56	252	167944	23.758	nq	97
82) Chrysene	21.72	228	883876	47.048	nq	98
83) Bis(2-ethylhexyl)phthalate	21.55	149	486032	48.600	nq #	99
84) Di-n-octyl phthalate	22.76	149	824763	49.255	nq #	92
85) Indeno(1,2,3-cd)pyrene	28.54	276	1032303	49.632	nq #	90
87) Benzo(b)fluoranthene	23.86	252	921593	48.226	nq #	96
88) Benzo(k)fluoranthene	23.93	252	857836	45.916	nq #	97
89) Benzo(a)pyrene	24.73	252	880018	49.499	nq #	97
90) Dibenzo(a,h)anthracene	28.60	278	855983	49.042	nq #	95
91) Benzo(g,h,i)perylene	29.68	276	848398	49.673	nq #	92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.03 min Scan# 808

Delta R.T. -0.01 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

Instrument :

BNA_G

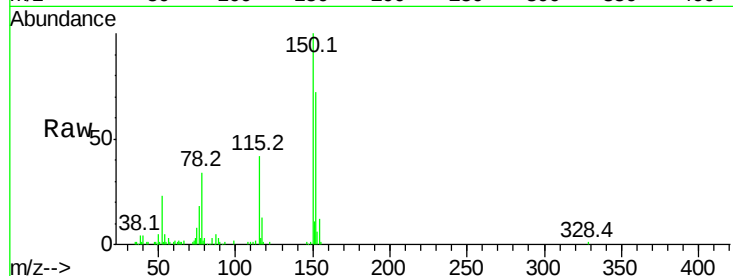
ClientSampleId :

PB111228BSD

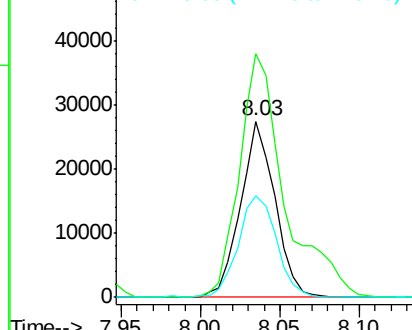
Tot Ion:	152	Resp:	41197
Ion Ratio	Lower	Upper	
152	100		
150	138.2	126.6	189.8
115	57.6	53.0	79.4

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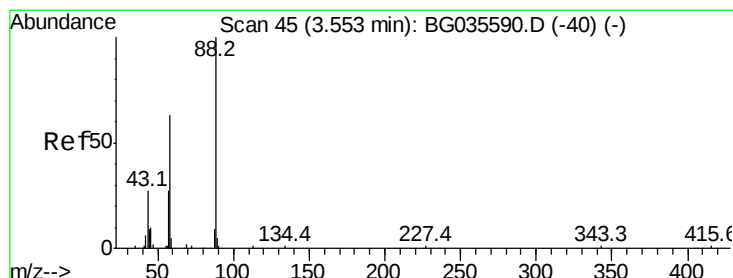
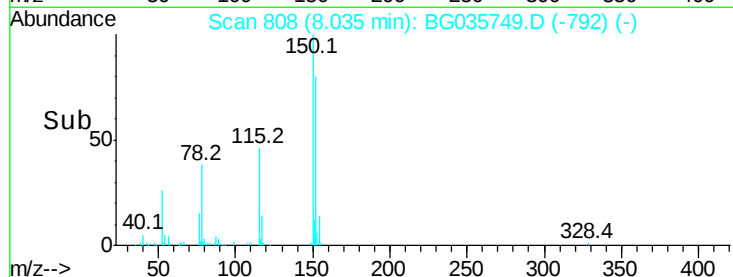
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



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#2

1,4-Dioxane

Concen: 32.840 ng

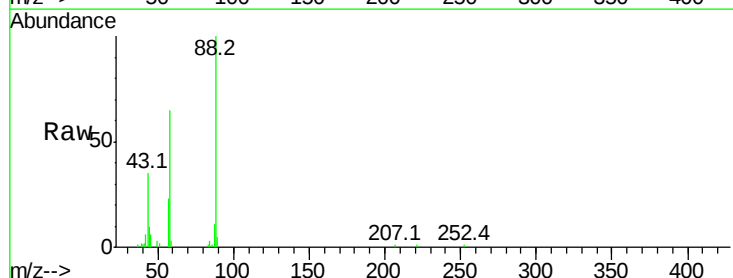
RT: 3.53 min Scan# 41

Delta R.T. -0.01 min

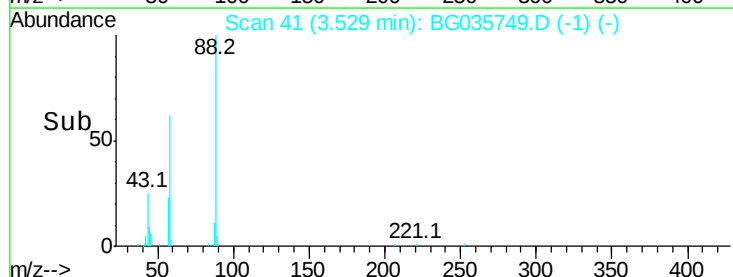
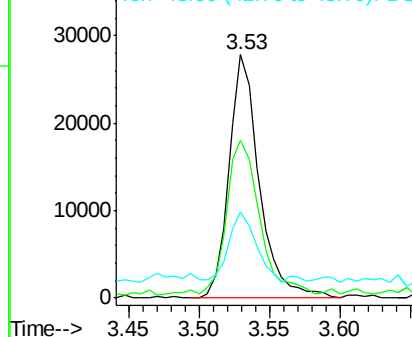
Lab File: BG035749.D

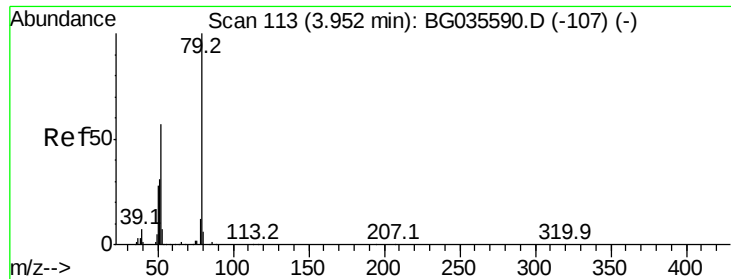
Acq: 19 Jul 2018 12:05

Tgt Ion:	88	Resp:	41475
Ion Ratio	Lower	Upper	
88	100		
58	68.1	79.6	119.4#
43	26.2	27.4	41.0#



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





#3

Pvridine

Concen: 36.928 ng

RT: 3.92 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

Instrument :

BNA_G

ClientSampleId :

PB111228BSD

Tot Ion: 79 Resp: 121755

Ion Ratio Lower Upper

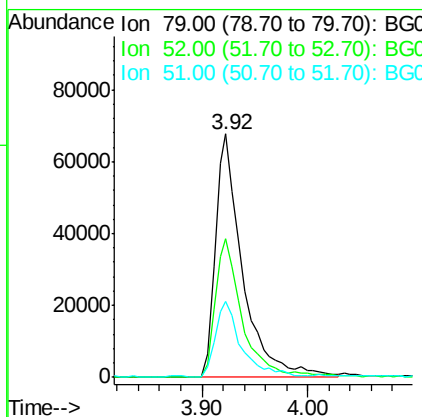
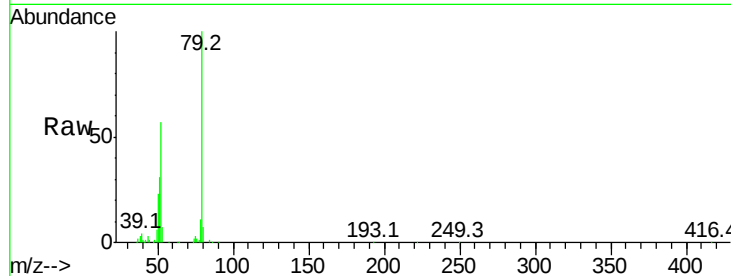
79 100

52 57.1 69.9 104.9#

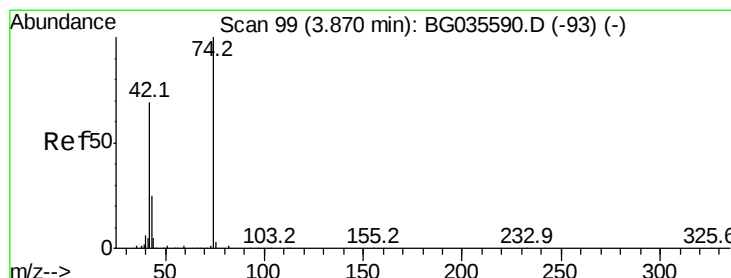
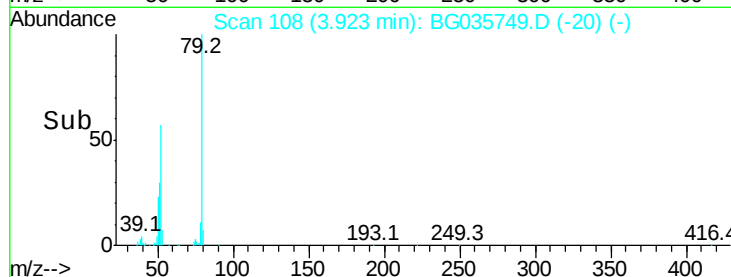
51 30.9 34.0 51.0#

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#4

n-Nitrosodimethylamine

Concen: 37.876 ng

RT: 3.84 min Scan# 94

Delta R.T. -0.01 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

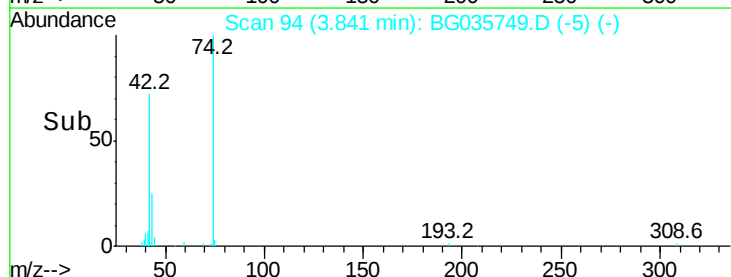
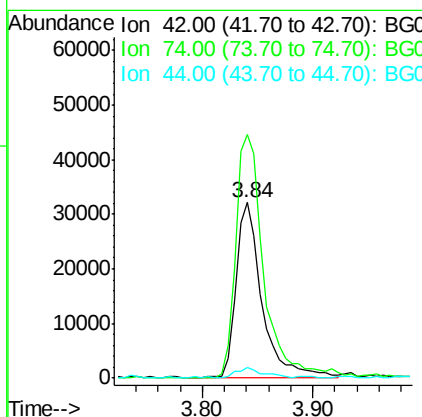
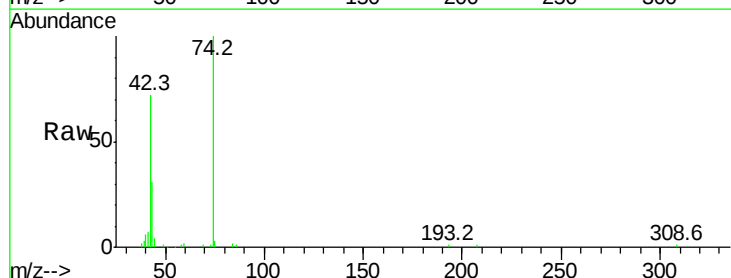
Tgt Ion: 42 Resp: 53620

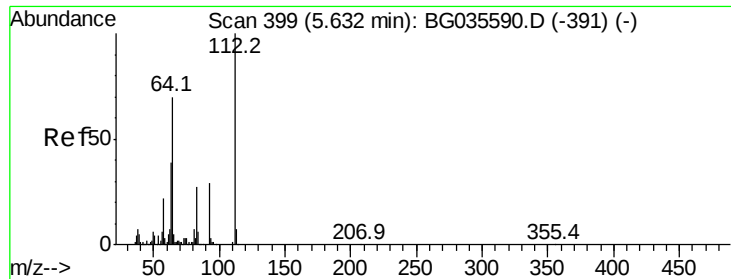
Ion Ratio Lower Upper

42 100

74 138.7 102.5 153.7

44 6.2 18.9 28.3#





#5

2-Fluorophenol

Concen: 101.270 ng

RT: 5.62 min Scan# 397

Delta R.T. 0.00 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

Instrument :

BNA_G

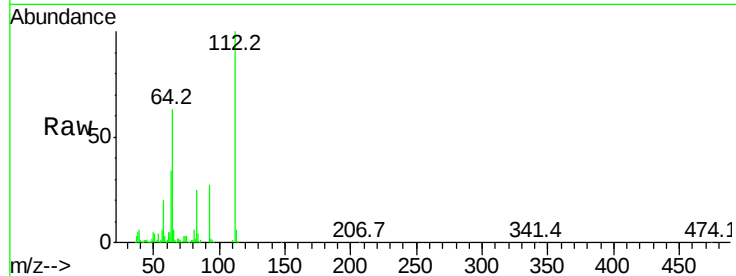
ClientSampleId :

PB111228BSD

Tot Ion:	112	Resp:	251292
Ion Ratio	Lower	Upper	
112	100		
64	63.1	56.3	84.5
63	33.8	30.1	45.1

Manual Integrations
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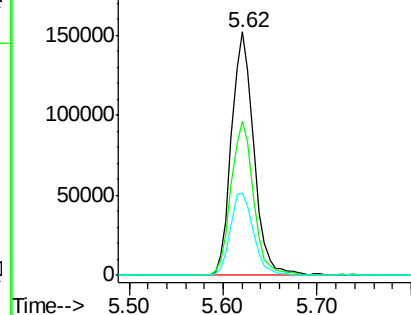
Sohil



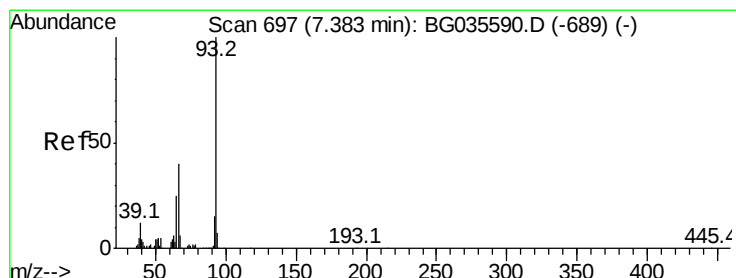
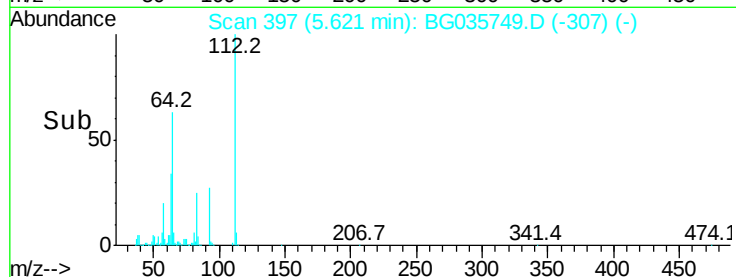
Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



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#6

Aniline

Concen: 17.292 ng

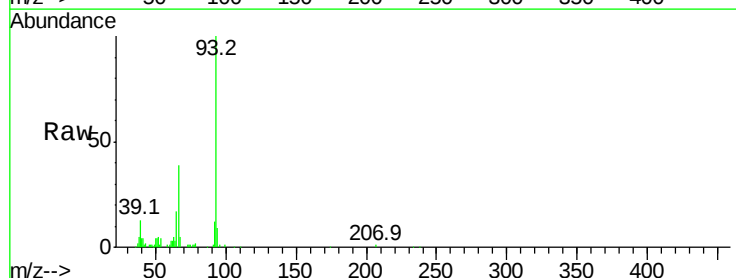
RT: 7.37 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

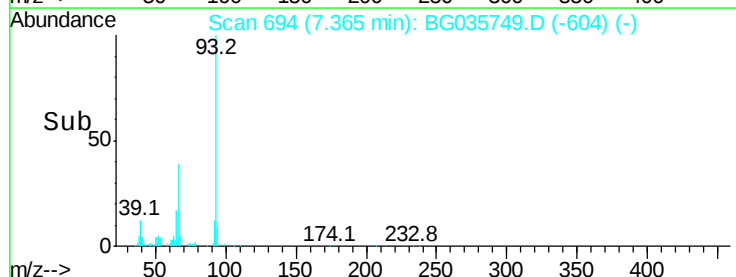
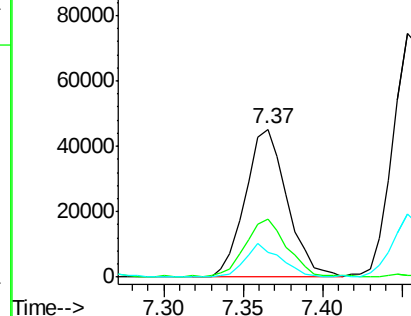
Tgt Ion:	93	Resp:	82977
Ion Ratio	Lower	Upper	
93	100		
66	38.9	33.7	50.5
65	16.5	16.1	24.1

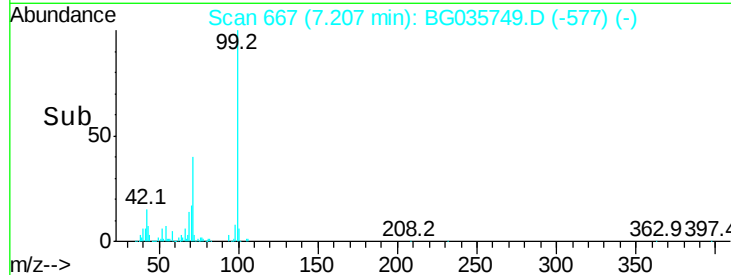
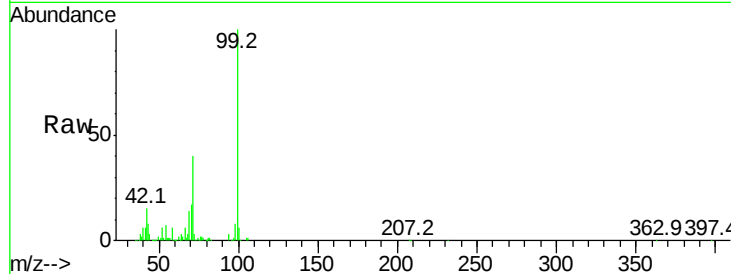
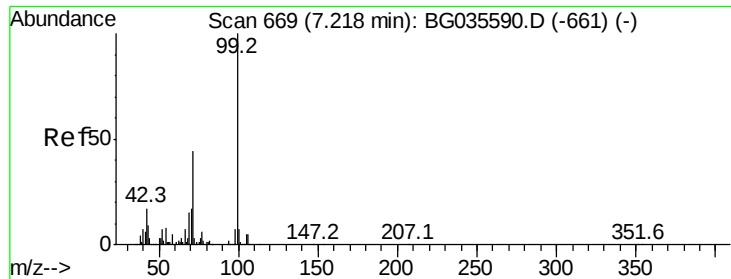


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 99.422 ng

RT: 7.21 min Scan# 667

Delta R.T. 0.00 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

Tot Ion	99	Resp	368083
Ion Ratio	Lower	Upper	
99	100		
42	15.0	14.1	21.1
71	40.4	26.1	39.1#

Instrument :

BNA_G

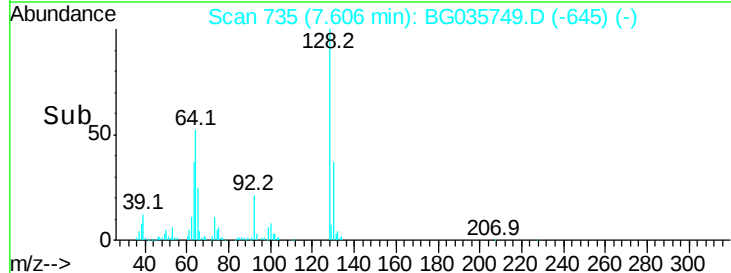
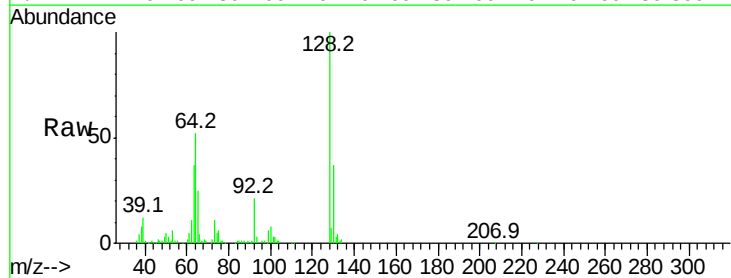
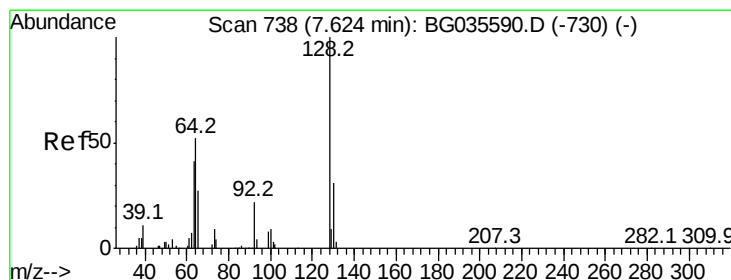
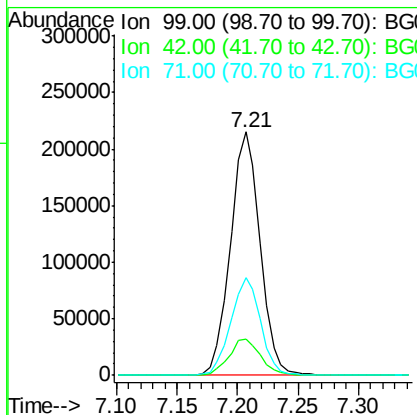
ClientSampleId :

PB111228BSD

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#8

2-Chlorophenol

Concen: 47.646 ng

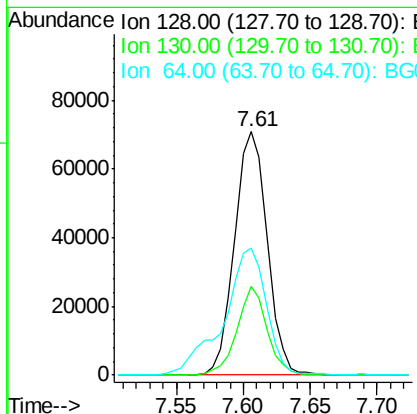
RT: 7.61 min Scan# 735

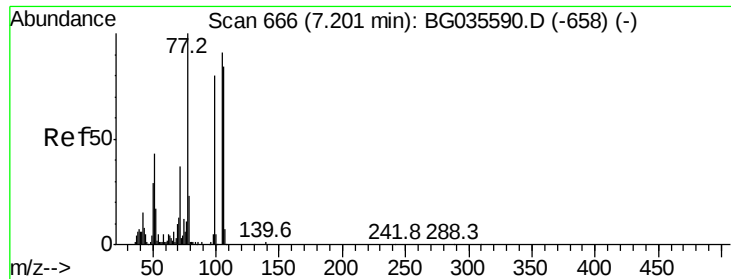
Delta R.T. 0.00 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

Tgt Ion	128	Resp	120245
Ion Ratio	Lower	Upper	
128	100		
130	36.6	14.0	54.0
64	52.2	37.7	77.7





#9

Benzaldehyde

Concen: 28.817 ng

RT: 7.18 min Scan# 662

Delta R.T. 0.00 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

Instrument :

BNA_G

ClientSampleId :

PB111228BSD

Tot Ion: 77 Resp: 65460

Ion Ratio Lower Upper

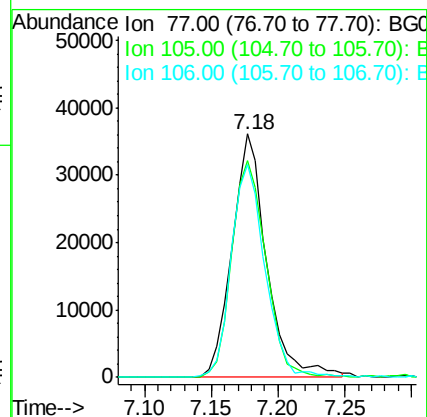
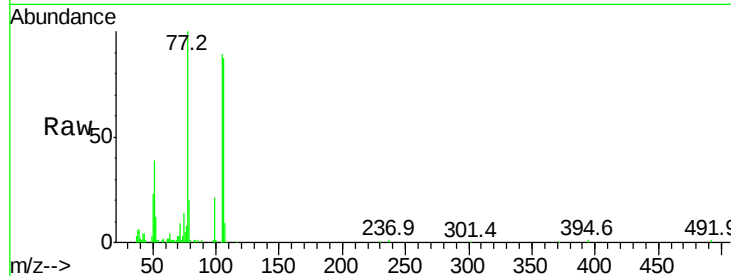
77 100

105 89.1 71.3 111.3

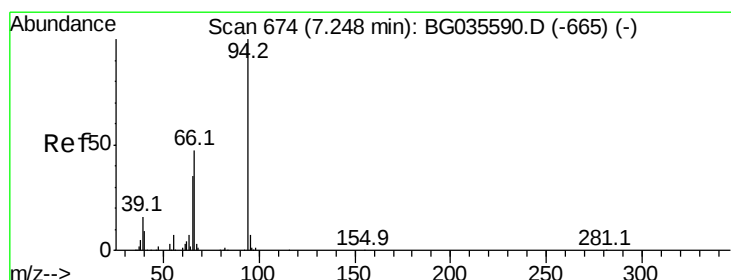
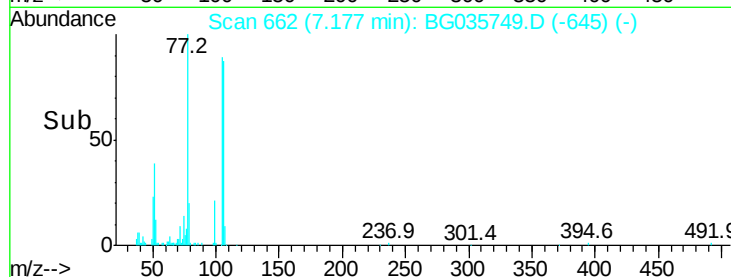
106 87.2 64.2 104.2

Manual Integrations
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#10

Phenol

Concen: 48.051 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

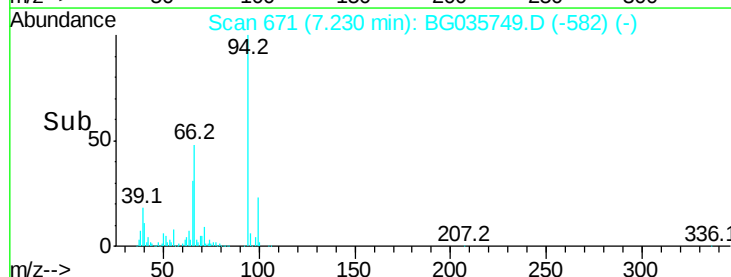
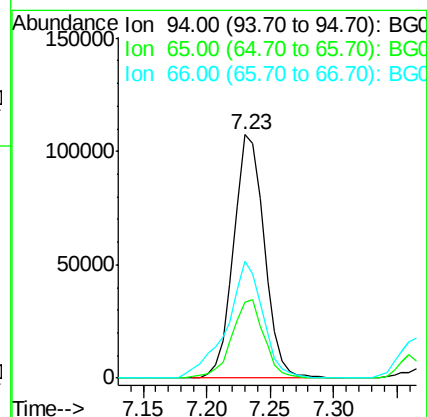
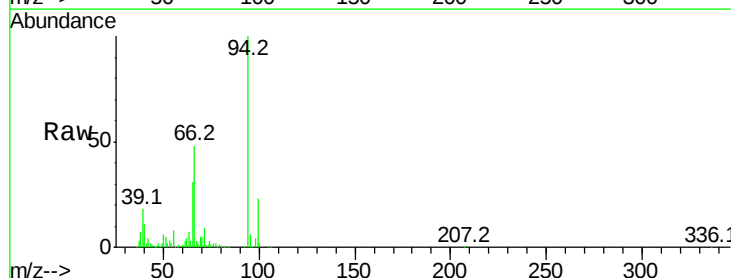
Tgt Ion: 94 Resp: 179728

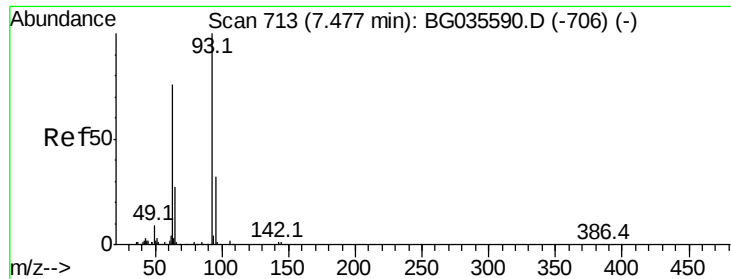
Ion Ratio Lower Upper

94 100

65 31.1 11.9 51.9

66 47.8 22.2 62.2





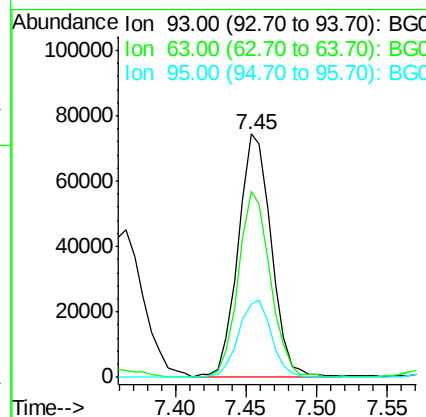
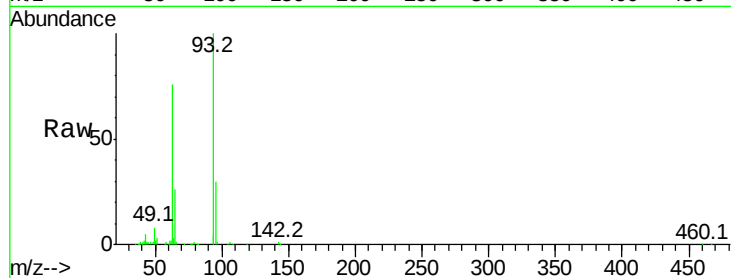
#11
bis(2-Chloroethyl)ether
Concen: 41.228 ng
RT: 7.45 min Scan# 709
Delta R.T. -0.01 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

Instrument :
BNA_G
ClientSampleId :
PB111228BSD

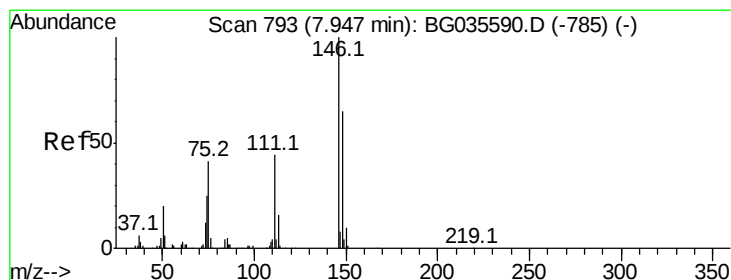
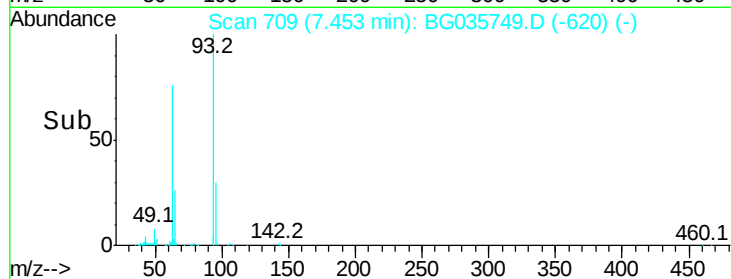
Tot Ion	Ratio	Lower	Upper
93	100		
63	76.1	67.1	107.1
95	30.1	11.5	51.5

Manual Integrations
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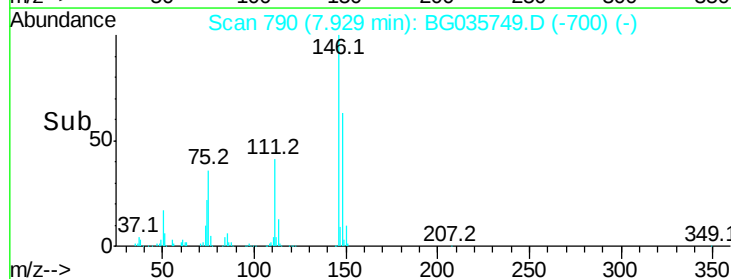
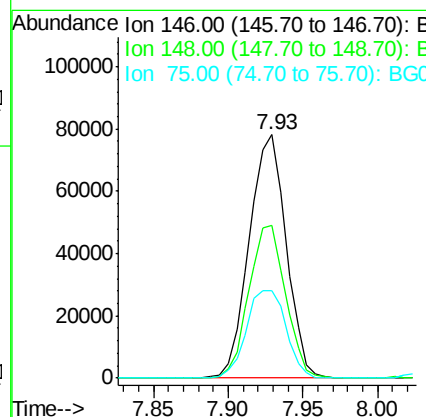
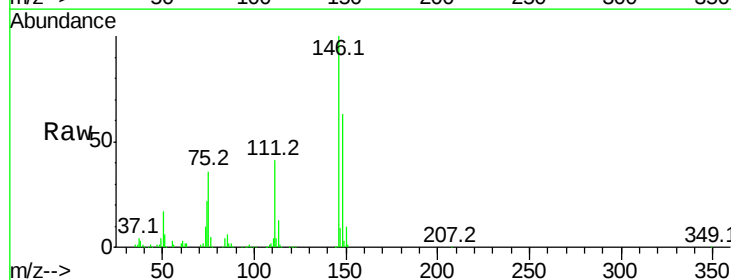


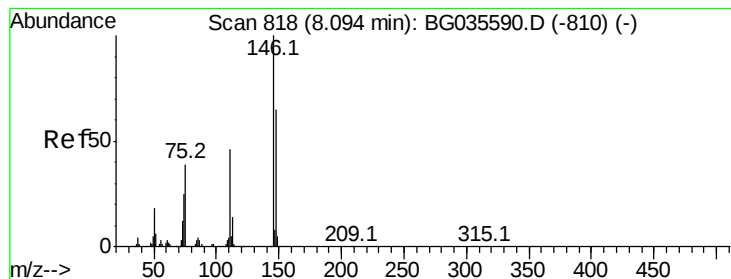
7/19/2018 3:45:32 PM



#12
1,3-Dichlorobenzene
Concen: 43.747 ng
RT: 7.93 min Scan# 790
Delta R.T. 0.00 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.4	77.2
75	35.7	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 43.895 ng

RT: 8.07 min Scan# 814

Delta R.T. -0.01 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

Instrument :

BNA_G

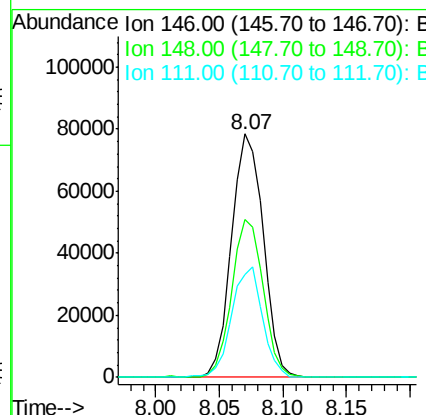
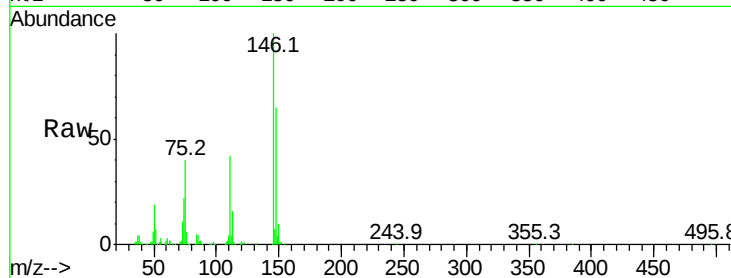
ClientSampleId :

PB111228BSD

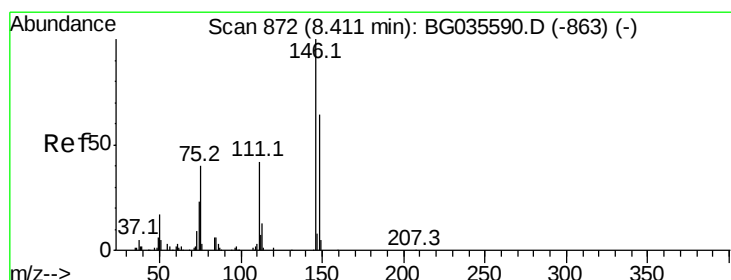
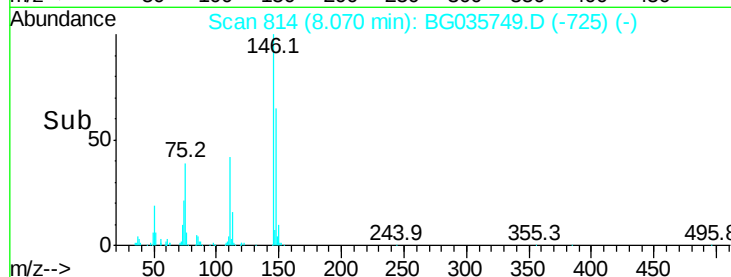
Tot Ion:	146	Resp:	135922
Ion Ratio	Lower	Upper	
146	100		
148	64.9	53.7	80.5
111	42.4	35.2	52.8

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 42.162 ng

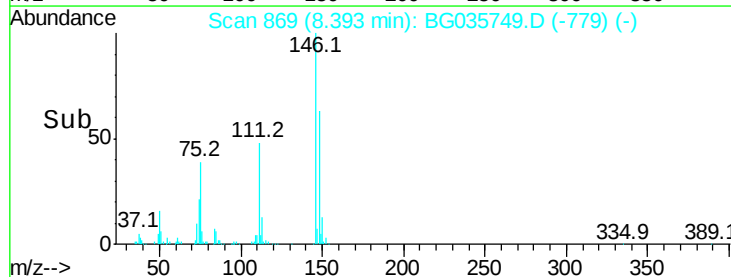
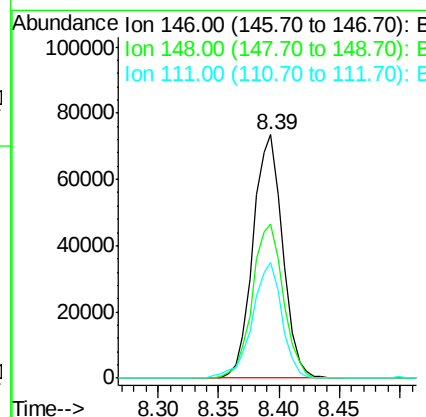
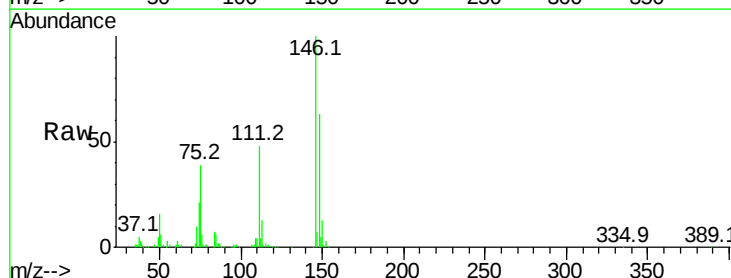
RT: 8.39 min Scan# 869

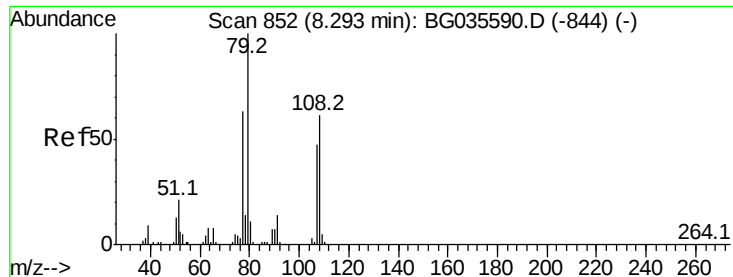
Delta R.T. 0.00 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

Tgt Ion:	146	Resp:	125421
Ion Ratio	Lower	Upper	
146	100		
148	63.4	49.3	73.9
111	47.6	34.3	51.5





#15
Benzyl Alcohol
Concen: 42.077 ng
RT: 8.28 min Scan# 849
Delta R.T. 0.00 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

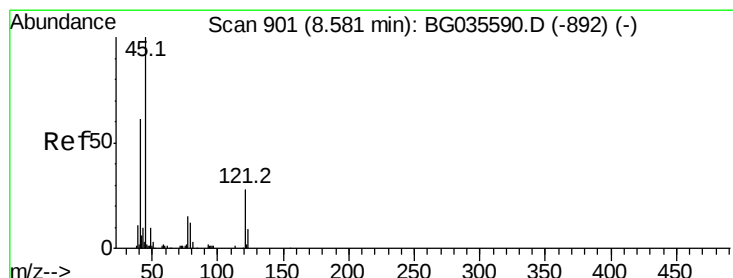
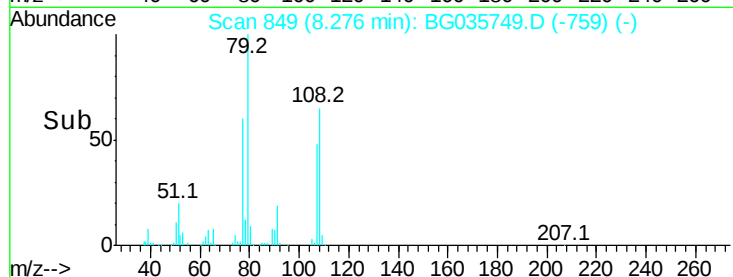
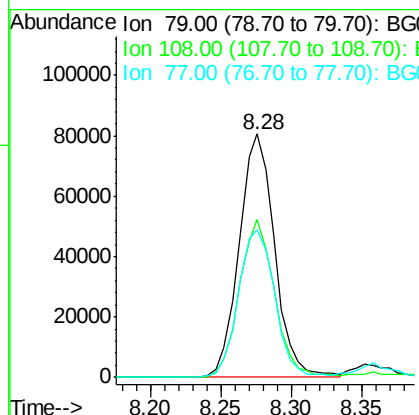
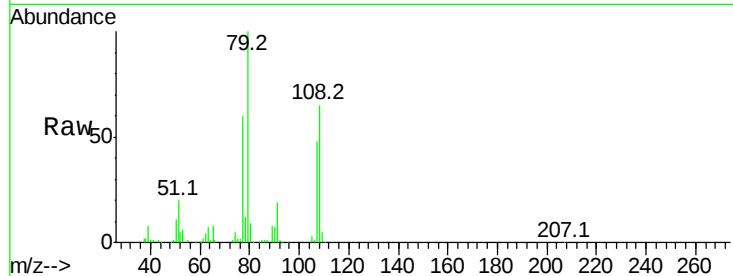
Instrument :
BNA_G
ClientSampleId :
PB111228BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	64.8	57.2	85.8
77	60.4	46.1	69.1

Manual Integrations
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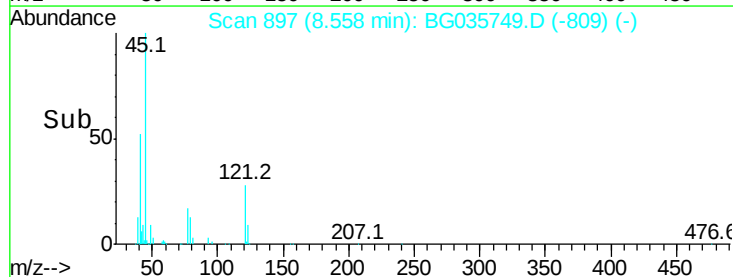
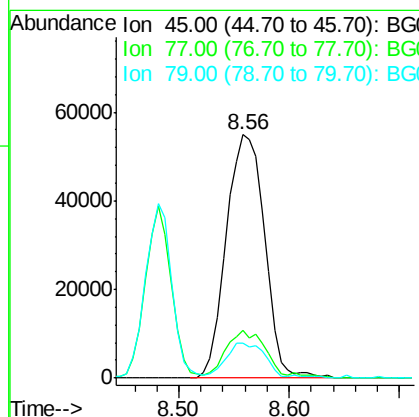
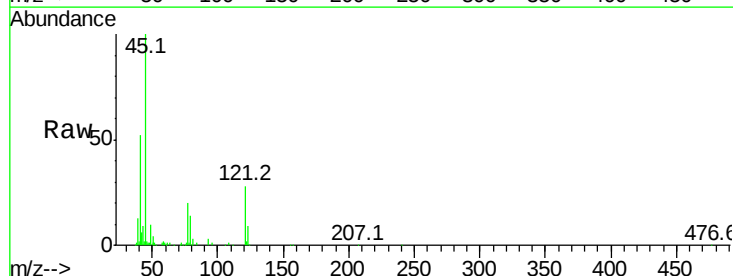
Sohil

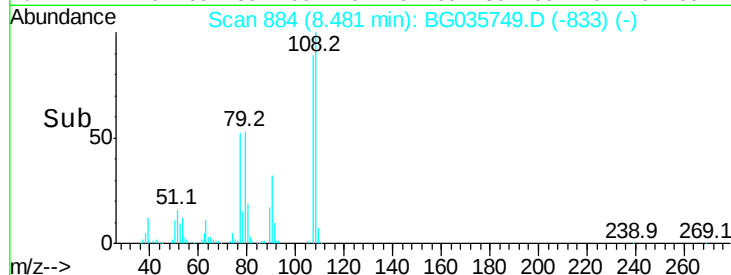
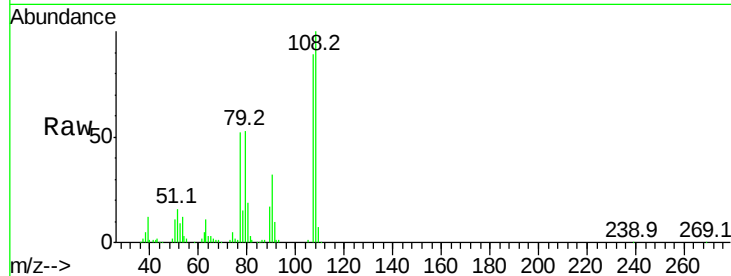
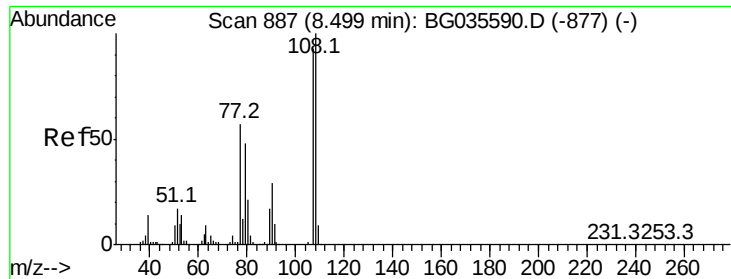
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#16
2,2'-oxybis(1-chloropropane)
Concen: 54.413 ng
RT: 8.56 min Scan# 897
Delta R.T. -0.01 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

Tgt Ion	Ratio	Lower	Upper
45	100		
77	19.6	0.0	30.2
79	14.4	0.0	27.9





#17
2-Methylphenol
Concen: 45.933 ng
RT: 8.48 min Scan# 884
Delta R.T. 0.00 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

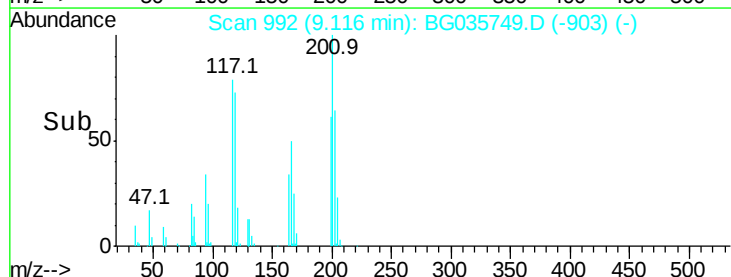
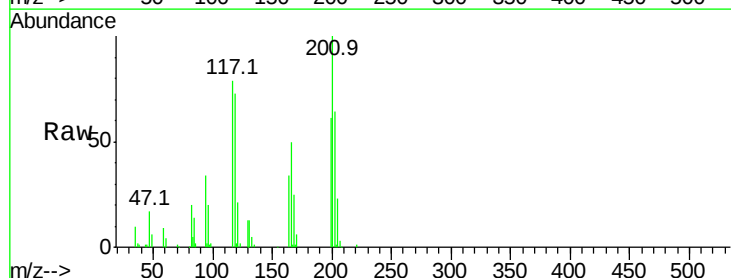
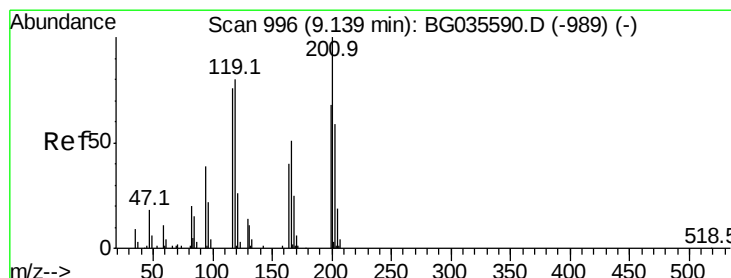
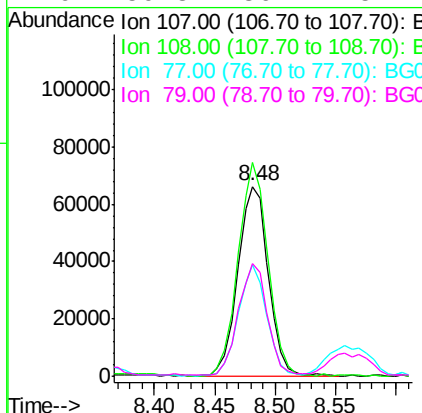
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.7	83.9	125.9	
77	58.7	37.2	55.8	
79	59.8	36.2	54.2	

Instrument :
BNA_G
ClientSampleId :
PB111228BSD

Manual Integrations
APPROVED

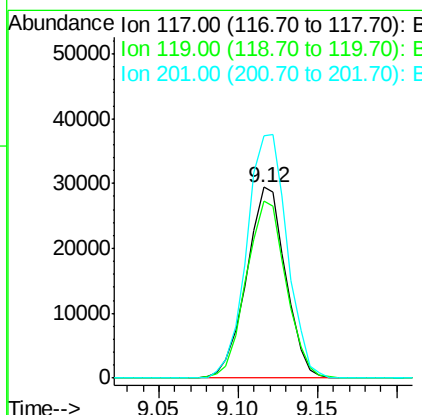
Sohil

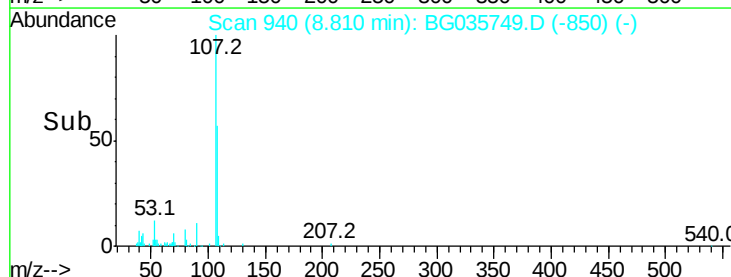
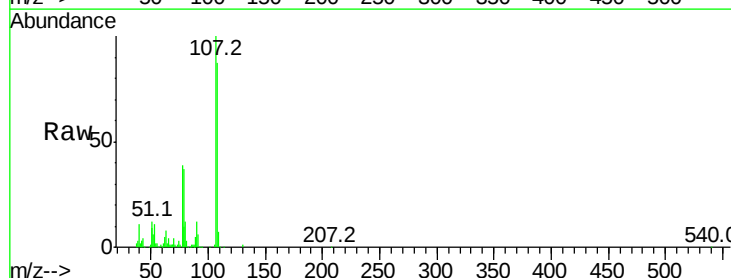
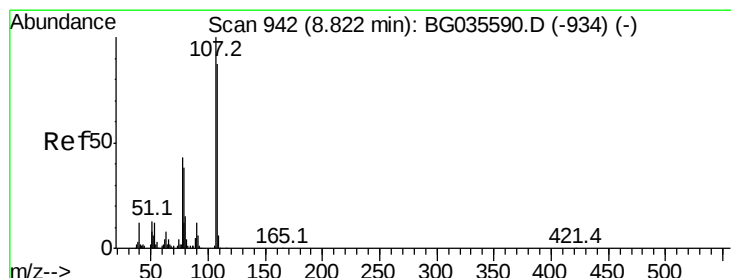
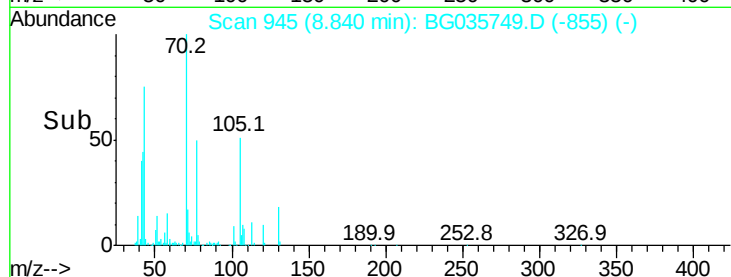
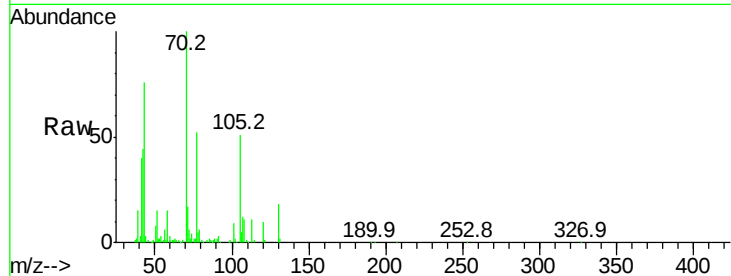
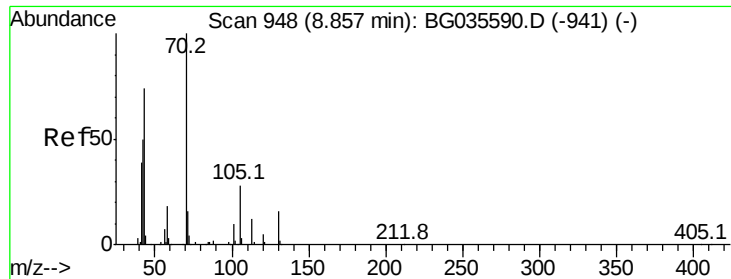
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#18
Hexachloroethane
Concen: 42.518 ng
RT: 9.12 min Scan# 992
Delta R.T. -0.01 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

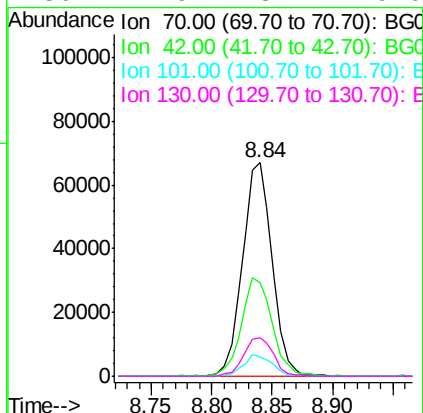
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.1	76.7	115.1	
201	127.2	95.7	143.5	





#19
n-Nitroso-di-n-propylamine
Concen: 36.550 ng
RT: 8.84 min Scan# 945
Delta R.T. 0.00 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

Tot Ion	Ratio	Lower	Upper
70	100		
42	43.8	49.1	73.7#
101	8.9	8.5	12.7
130	17.9	13.4	20.0



Instrument :
BNA_G
ClientSampleId :
PB111228BSD

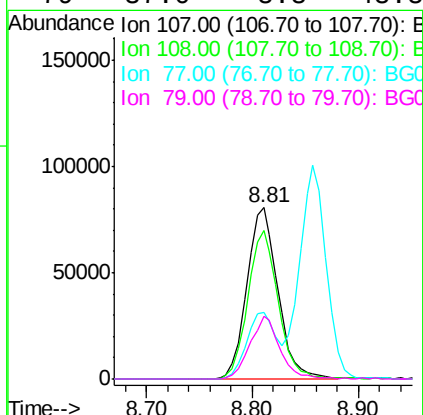
Manual Integrations
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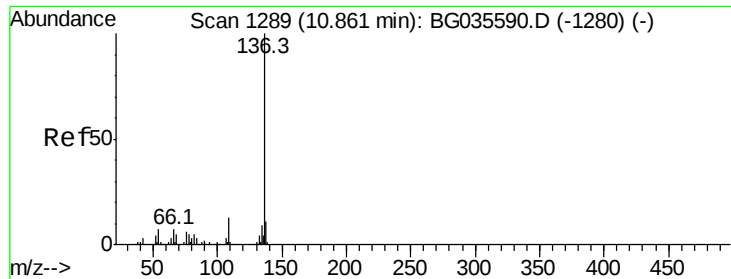
Sohil

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#20
3+4-Methylphenols
Concen: 46.584 ng
RT: 8.81 min Scan# 940
Delta R.T. 0.00 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.0	61.6	101.6
77	38.6	13.9	53.9
79	37.0	8.8	48.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

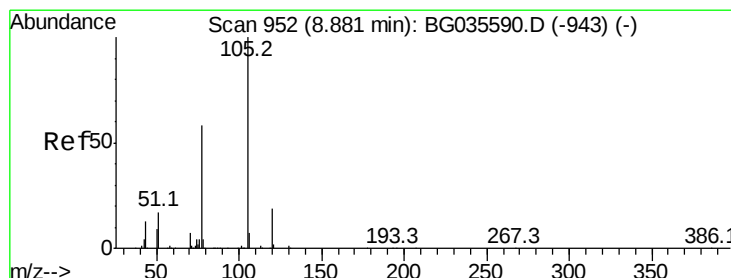
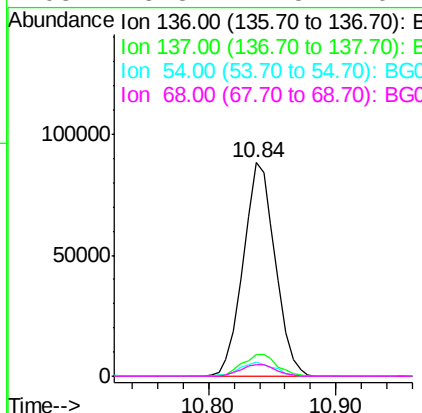
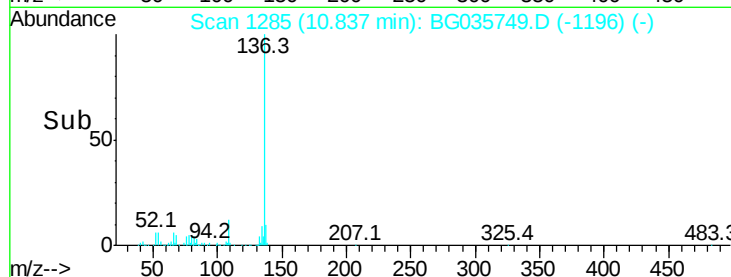
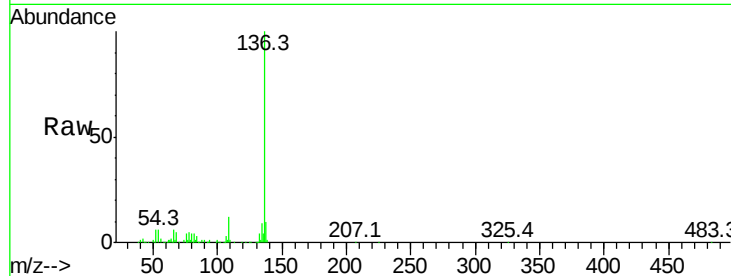
Instrument :
BNA_G
ClientSampleId :
PB111228BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.4	9.2	13.8	
54	6.4	10.3	15.5	
68	5.3	4.5	6.7	

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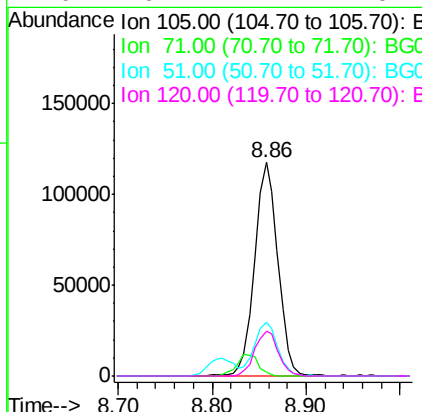
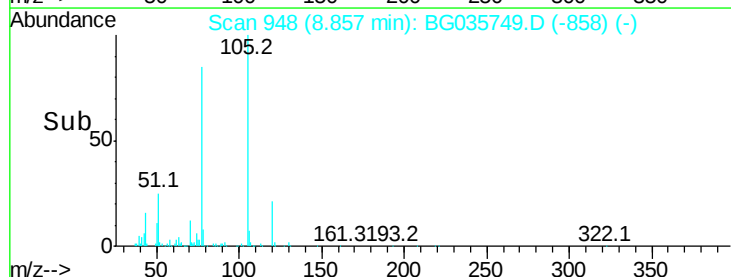
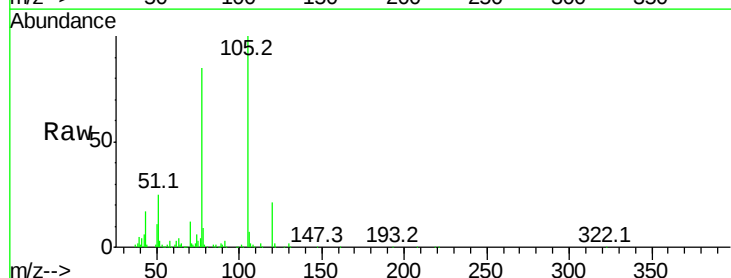
Sohil

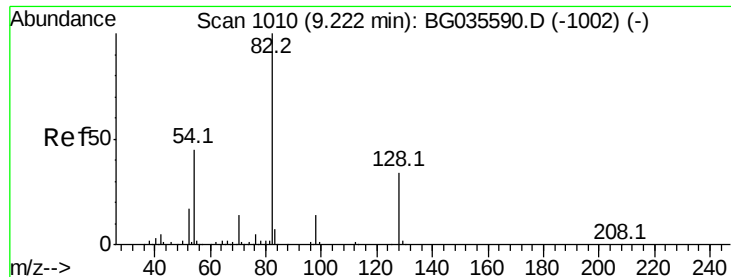
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#22
Acetophenone
Concen: 42.009 ng
RT: 8.86 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.9	3.0	4.4	
51	25.3	26.1	39.1	
120	20.7	17.4	26.2	





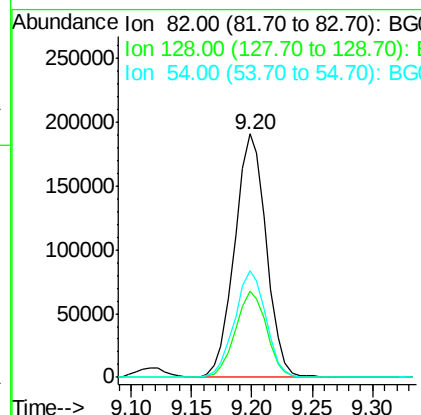
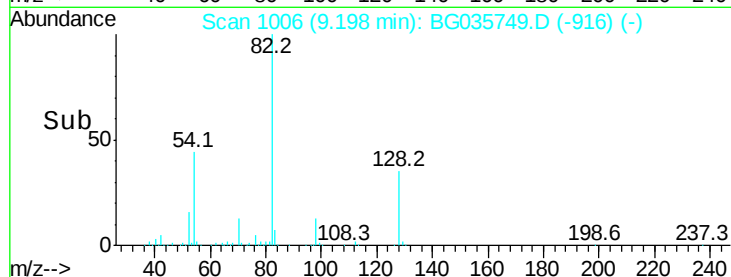
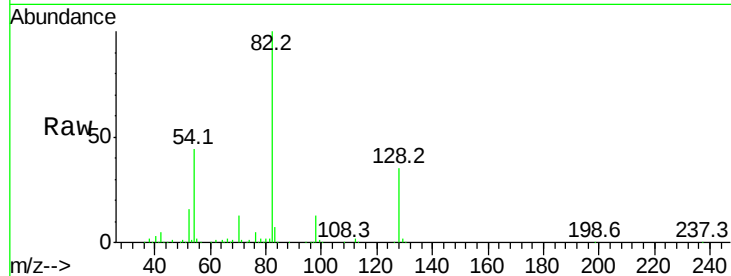
#23
Nitrobenzene-d5
Concen: 94.082 ng
RT: 9.20 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

Instrument :
BNA_G
ClientSampleId :
PB111228BSD

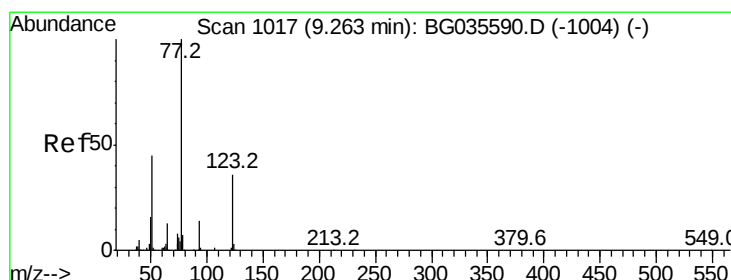
Tot Ion	Ratio	Lower	Upper
82	100		
128	35.4	29.7	44.5
54	43.8	43.1	64.7

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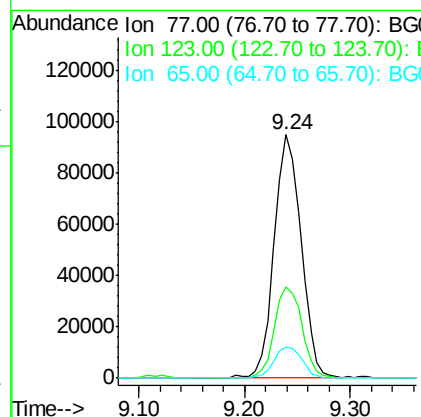
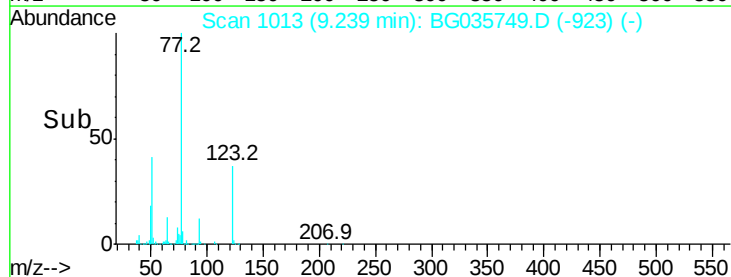
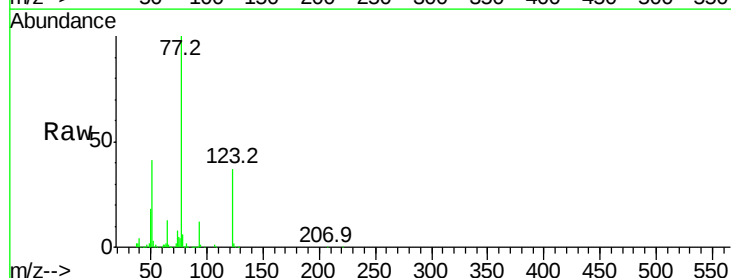


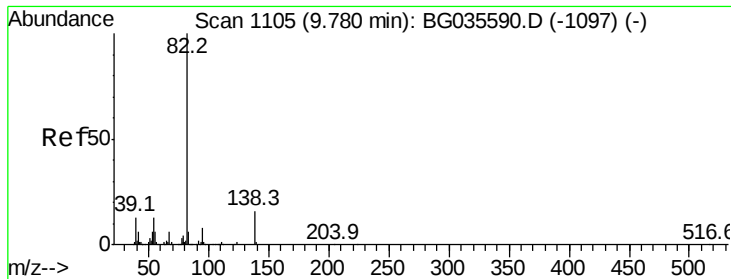
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#24
Nitrobenzene
Concen: 45.002 ng
RT: 9.24 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.4	33.0	49.6
65	12.6	13.0	19.6





#25

Isophorone

Concen: 46.744 ng

RT: 9.76 min Scan# 1101

Delta R.T. -0.01 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

Instrument :

BNA_G

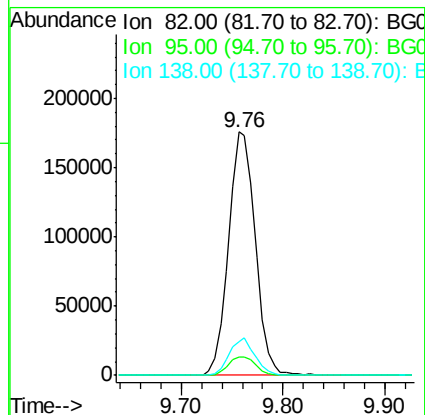
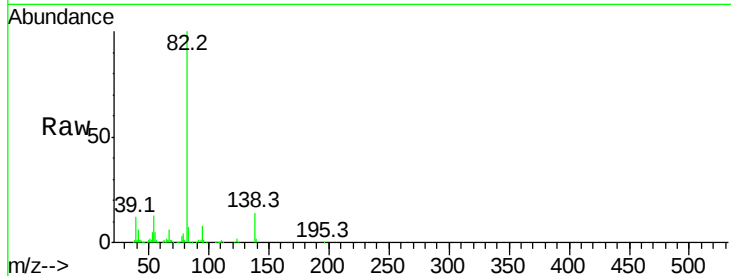
ClientSampleId :

PB111228BSD

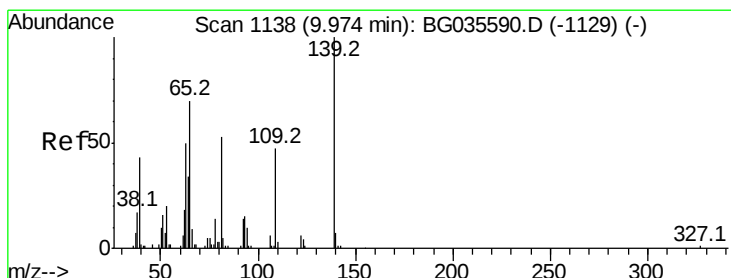
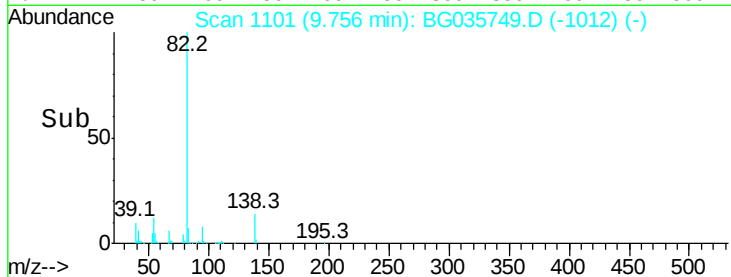
Tot Ion	82	Resp	320649
Ion Ratio	Lower	Upper	
82	100		
95	7.7	6.2	9.2
138	14.1	12.1	18.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 53.356 ng

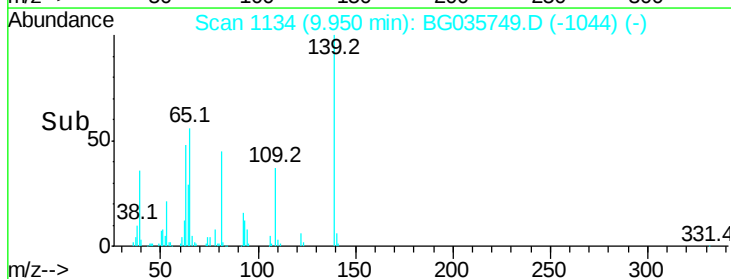
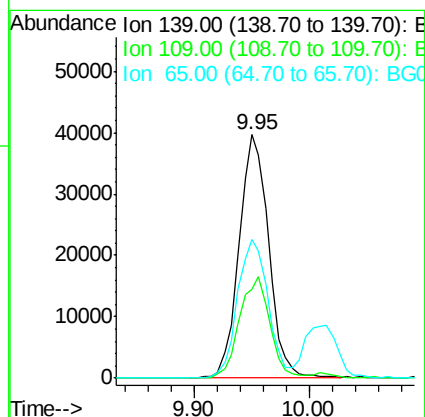
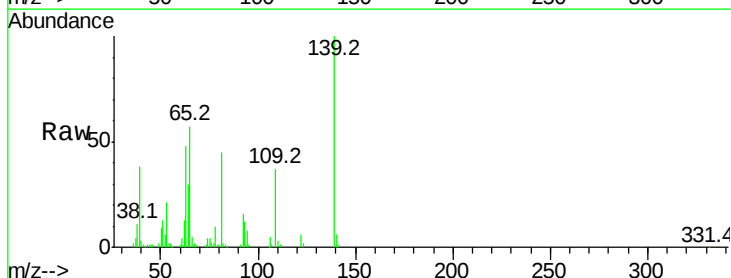
RT: 9.95 min Scan# 1134

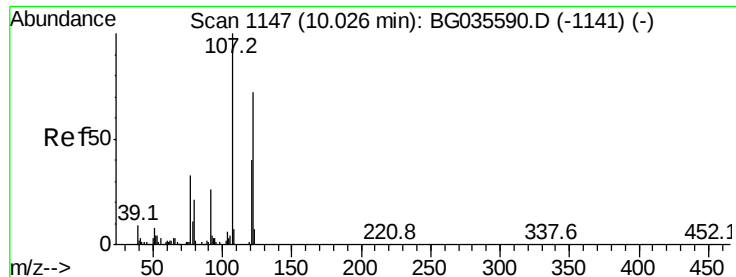
Delta R.T. 0.00 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

Tgt Ion	139	Resp	70423
Ion Ratio	Lower	Upper	
139	100		
109	36.5	24.2	36.2#
65	56.8	47.4	71.0





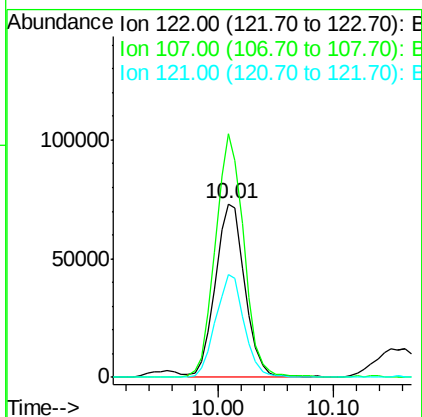
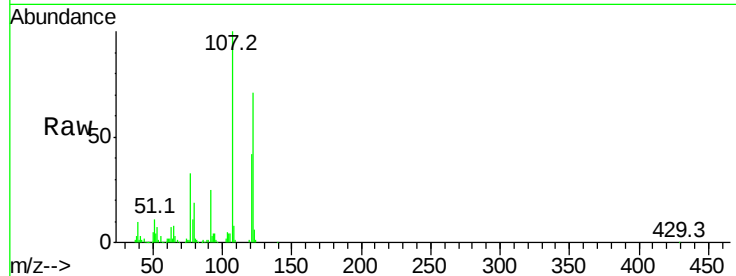
#27
2,4-Dimethylphenol
Concen: 57.923 ng
RT: 10.01 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

Instrument :
BNA_G
ClientSampleId :
PB111228BSD

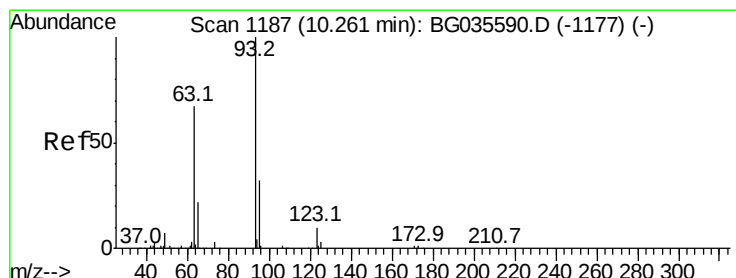
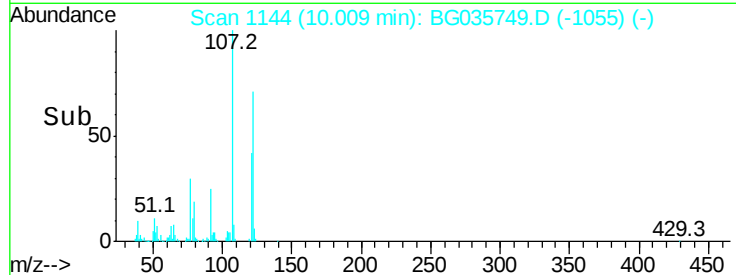
Tot Ion	Ratio	Resp Lower	Upper
122	100		
107	140.3	100.2	150.2
121	58.9	44.4	66.6

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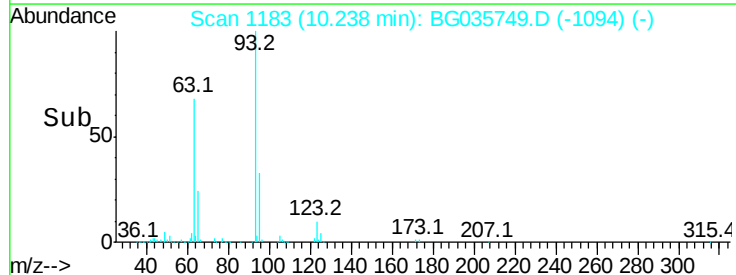
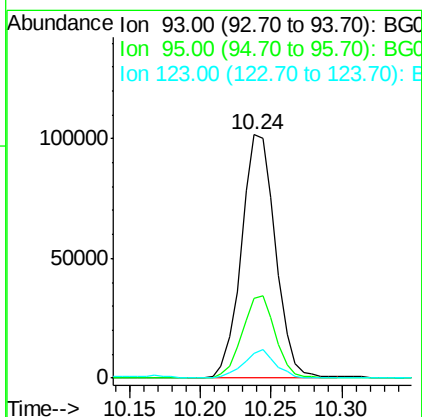
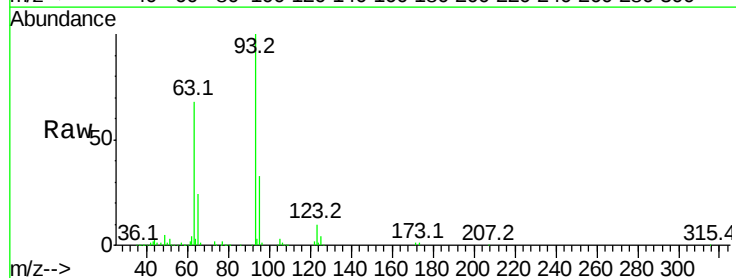


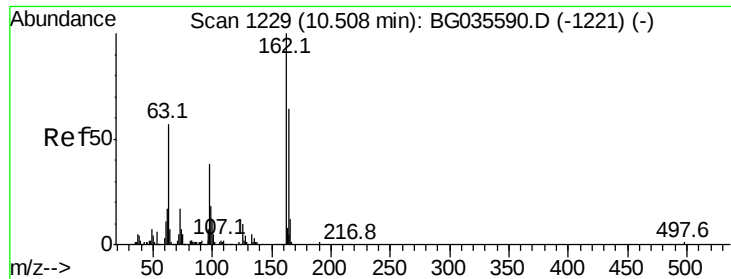
7/19/2018 3:45:32 PM



#28
bis(2-Chloroethoxy)methane
Concen: 45.548 ng
RT: 10.24 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
95	32.6	24.3	36.5
123	10.2	8.4	12.6





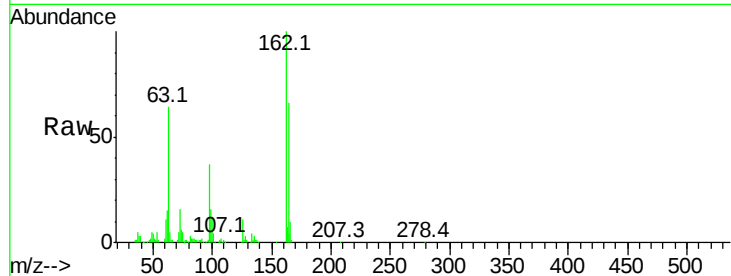
#29
2,4-Dichlorophenol
Concen: 56.469 ng
RT: 10.49 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

Instrument :
BNA_G
ClientSampleId :
PB111228BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.2	48.0	88.0
98	36.5	21.1	61.1

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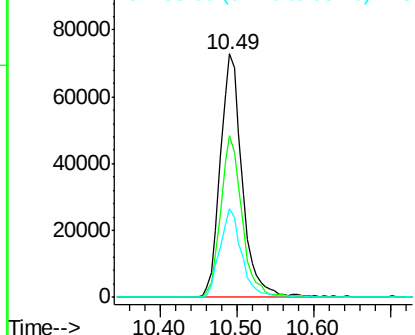


Abundance

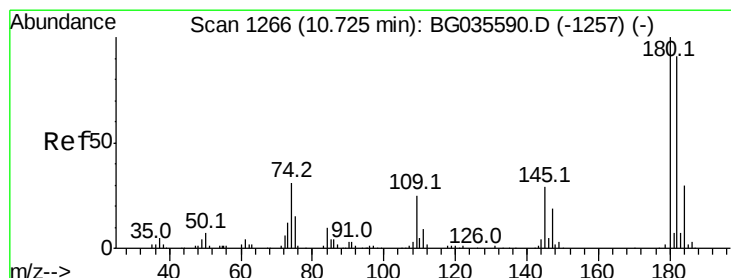
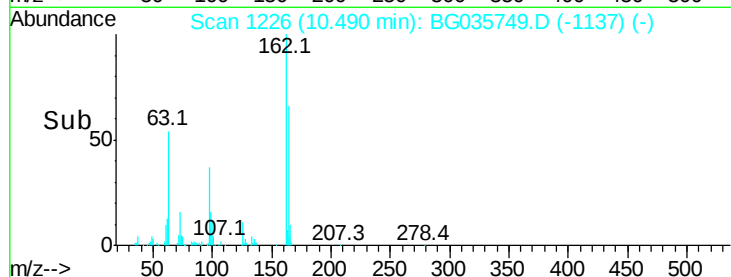
Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B

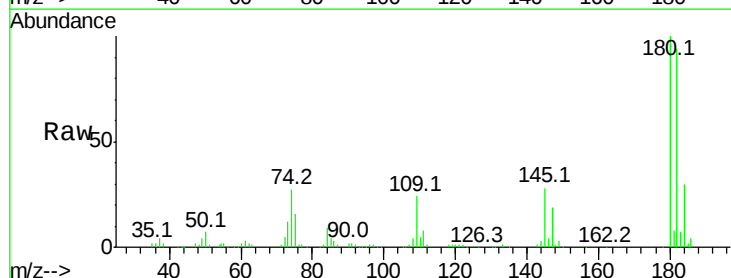


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#30
1,2,4-Trichlorobenzene
Concen: 47.143 ng
RT: 10.70 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	77.5	116.3
145	28.3	23.4	35.2

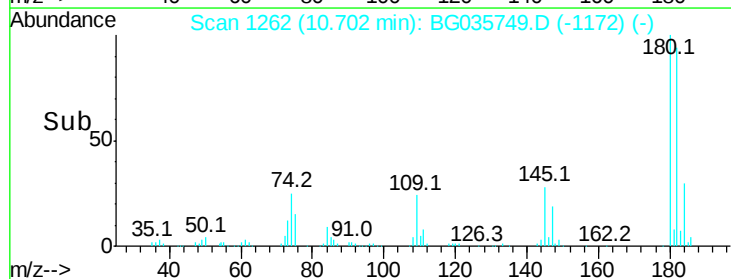
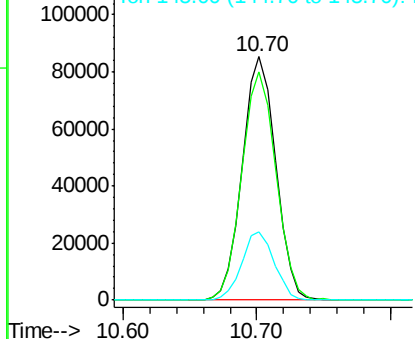


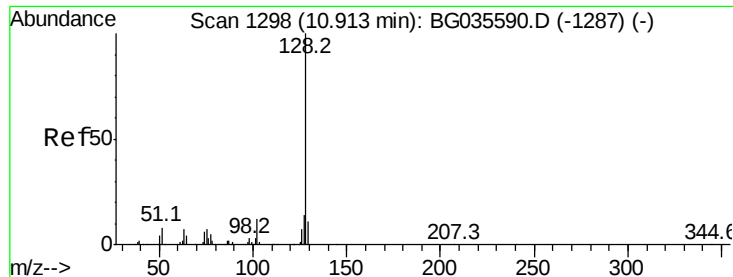
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





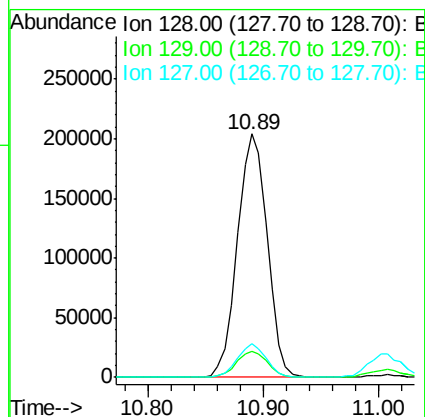
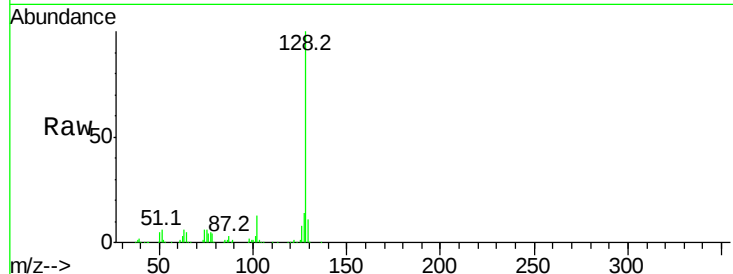
#31
Naphthalene
Concen: 45.305 ng
RT: 10.89 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

Instrument :
BNA_G
ClientSampleId :
PB111228BSD

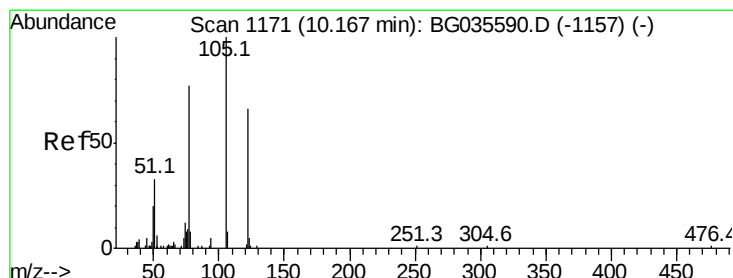
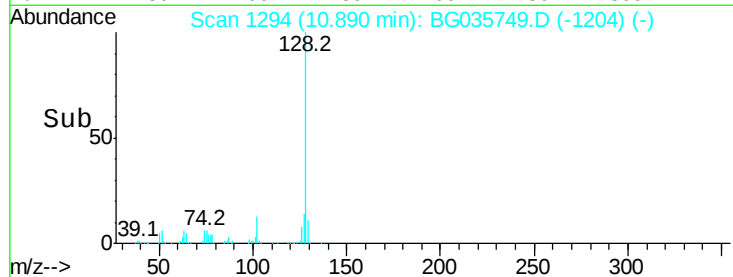
Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.5	8.6	12.8	
127	13.6	11.6	17.4	

Manual Integrations
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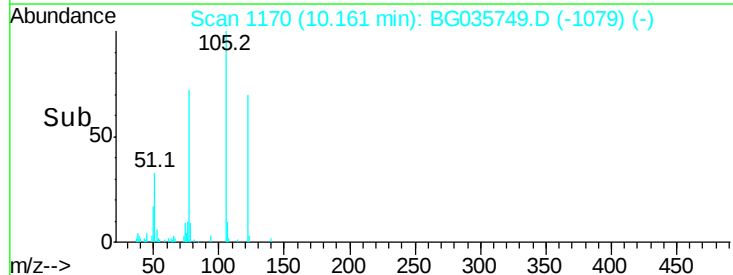
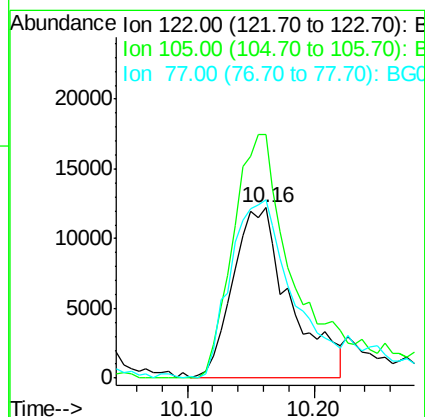
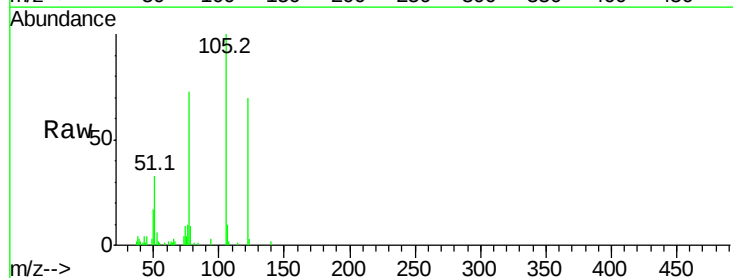


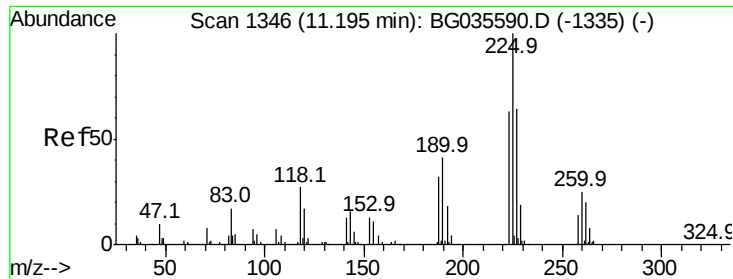
7/19/2018 3:45:32 PM



#32
Benzoic acid
Concen: 25.536 ng
RT: 10.16 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	143.0	123.5	163.5	
77	104.9	85.7	125.7	





#34
Hexachlorobutadiene
Concen: 45.997 ng
RT: 11.17 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

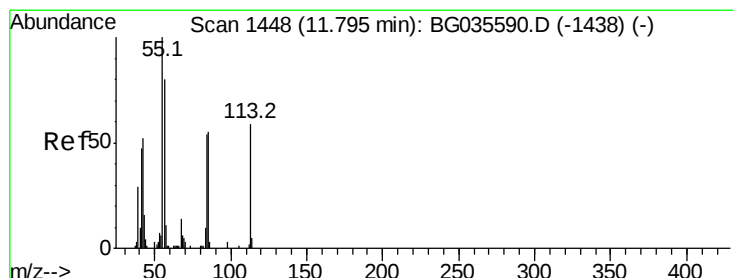
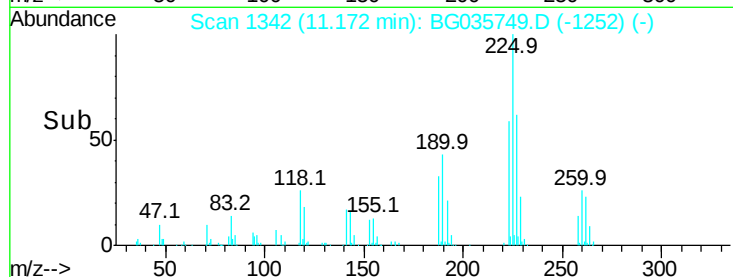
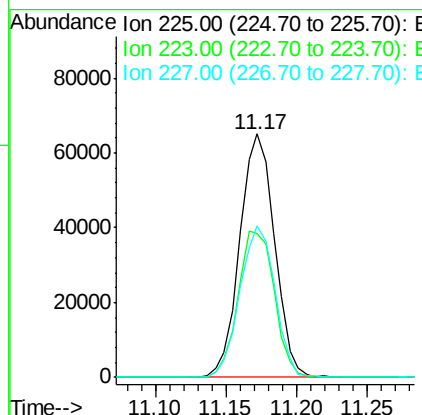
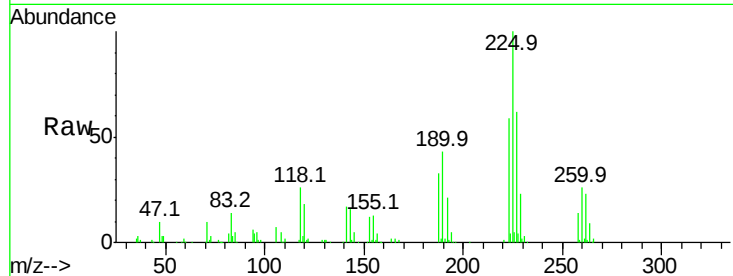
Instrument :
BNA_G
ClientSampleId :
PB111228BSD

Tot Ion	Ratio	Resp	Lower	Upper
225	100	112167		
223	58.9		49.7	74.5
227	62.0		48.1	72.1

Manual Integrations
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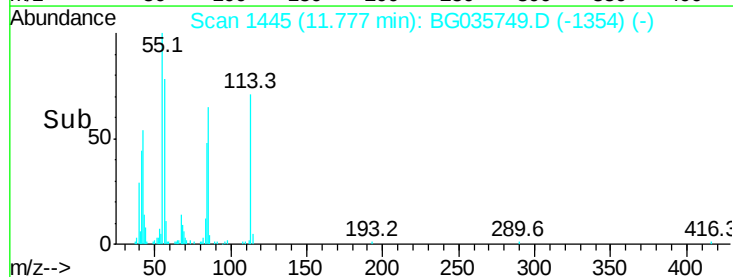
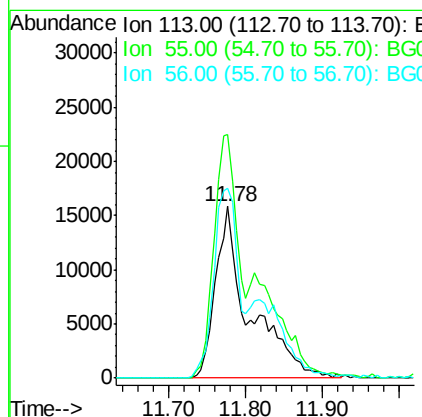
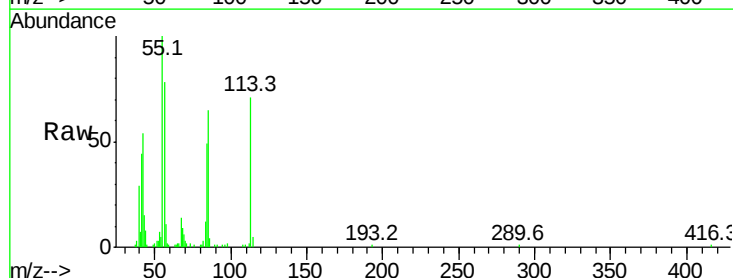
Sohil

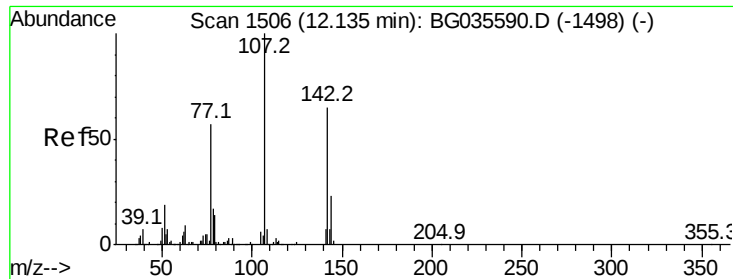
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#35
Caprolactam
Concen: 44.575 ng m
RT: 11.78 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	48785		
55	141.8		186.9	226.9#
56	110.3		130.9	170.9#





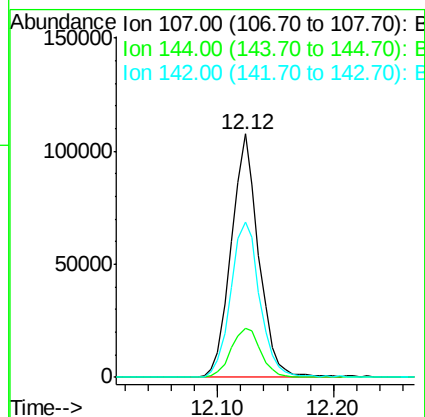
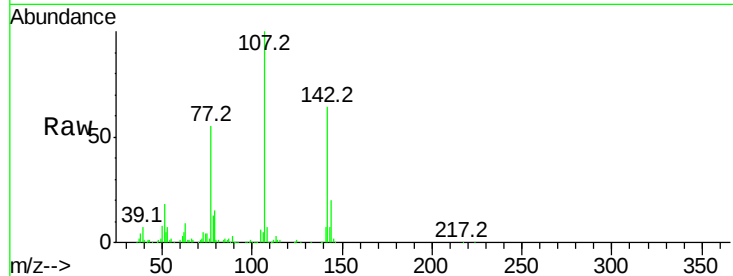
#36
 4-Chloro-3-methylphenol
 Concen: 51.664 ng
 RT: 12.12 min Scan# 1504
 Delta R.T. 0.00 min
 Lab File: BG035749.D
 Acq: 19 Jul 2018 12:05

Instrument :
 BNA_G
 ClientSampleId :
 PB111228BSD

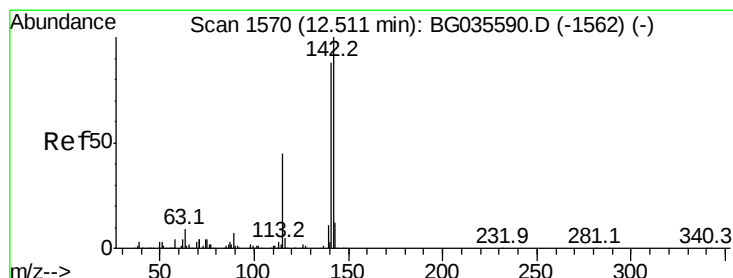
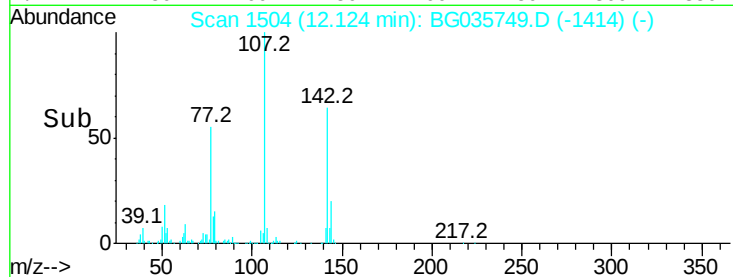
Tot Ion	Ratio	Lower	Upper
107	100		
144	20.4	18.2	27.4
142	63.9	59.0	88.4

Manual Integrations
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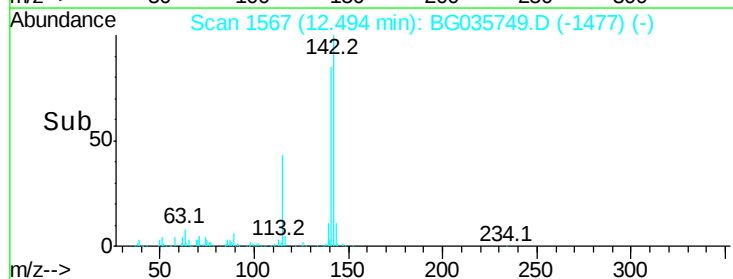
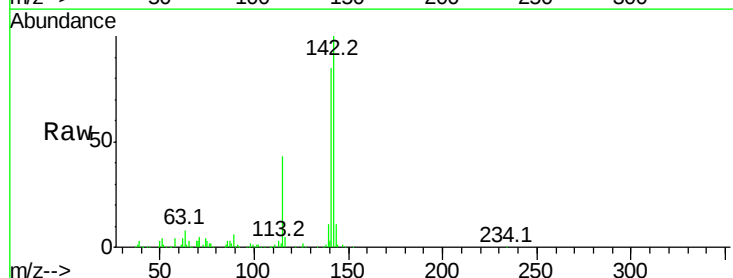
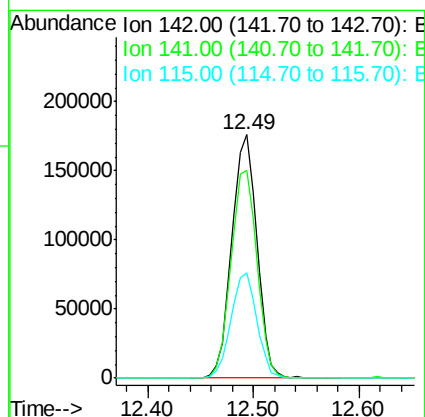


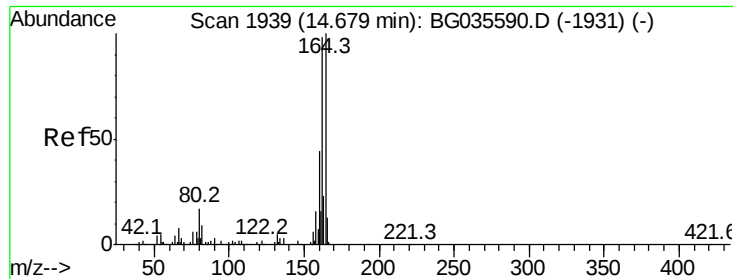
7/19/2018 3:45:32 PM



#37
 2-Methylnaphthalene
 Concen: 48.239 ng
 RT: 12.49 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: BG035749.D
 Acq: 19 Jul 2018 12:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	85.5	67.1	100.7
115	43.1	30.7	46.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

Instrument :

BNA_G

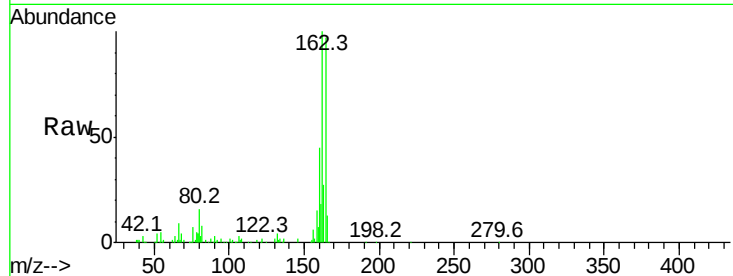
ClientSampleId :

PB111228BSD

Tot Ion:	164	Resp:	111232
Ion Ratio	Lower	Upper	
164	100		
162	102.7	78.8	118.2
160	46.1	35.4	53.0

Manual Integrations
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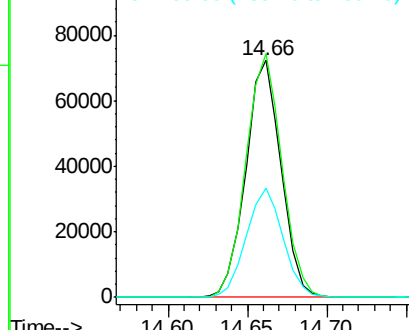


Abundance

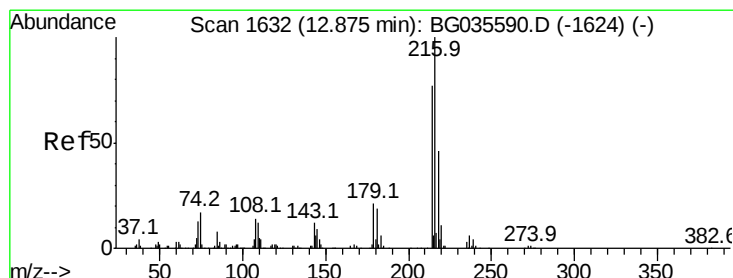
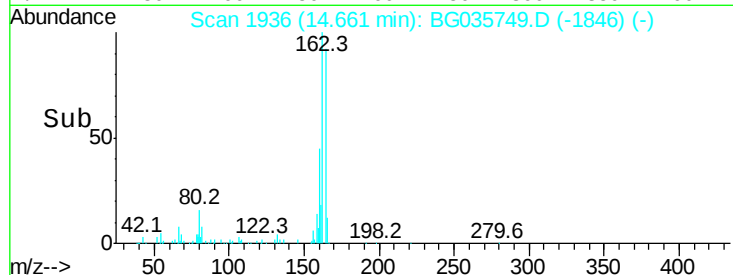
Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



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#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.794 ng

RT: 12.86 min Scan# 1629

Delta R.T. 0.00 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

Tgt Ion:	216	Resp:	196455
Ion Ratio	Lower	Upper	
216	100		
214	80.1	63.0	94.4
179	20.3	17.0	25.6
108	15.9	12.8	19.2

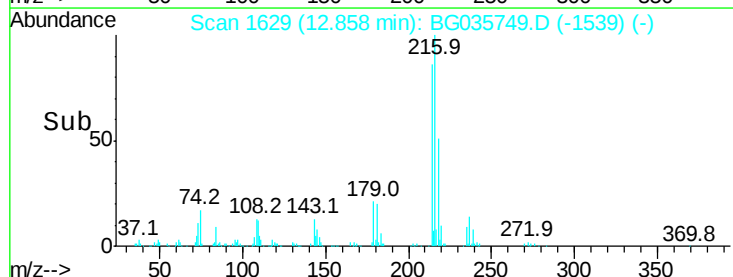
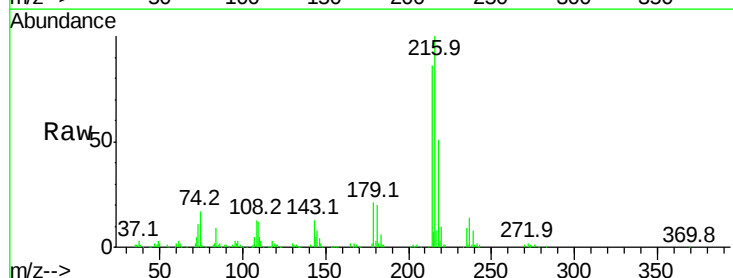
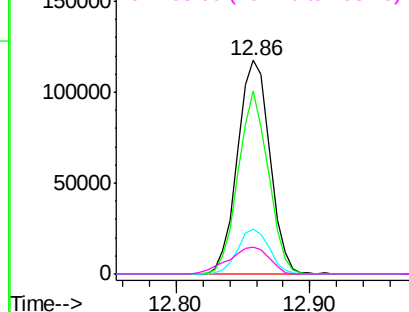
Abundance

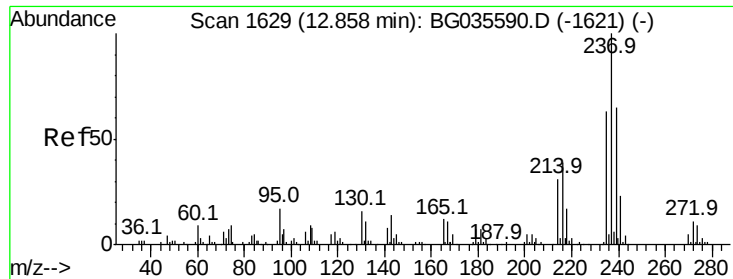
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





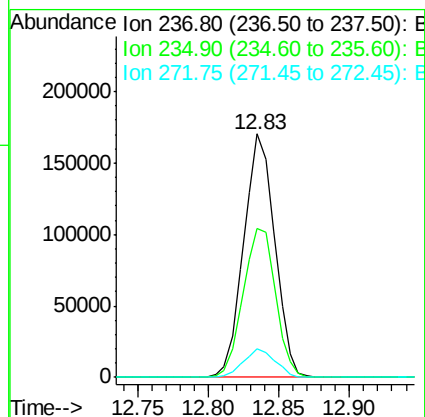
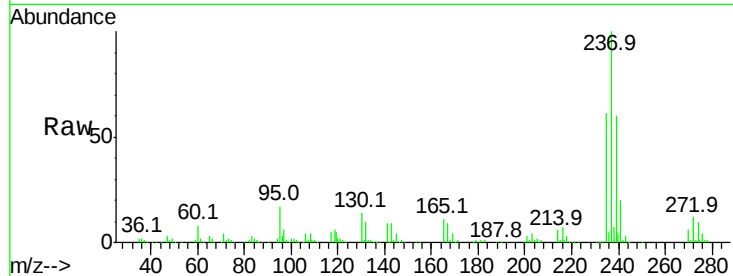
#40
Hexachlorocyclopentadiene
Concen: 118.498 ng
RT: 12.83 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

Instrument :
BNA_G
ClientSampleId :
PB111228BSD

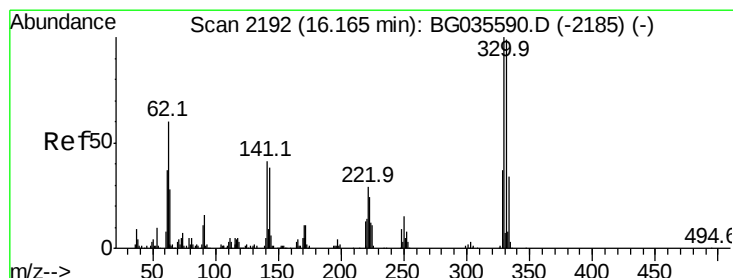
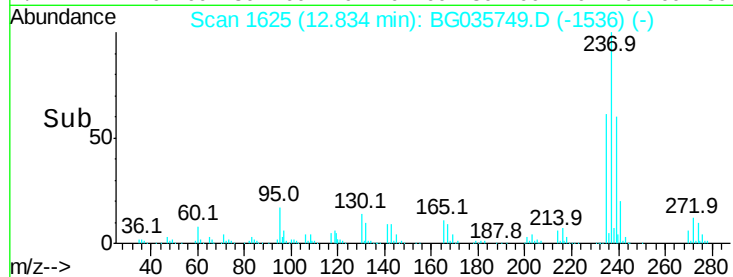
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	61.1	50.4	90.4
272	11.5	0.0	31.8

Manual Integrations
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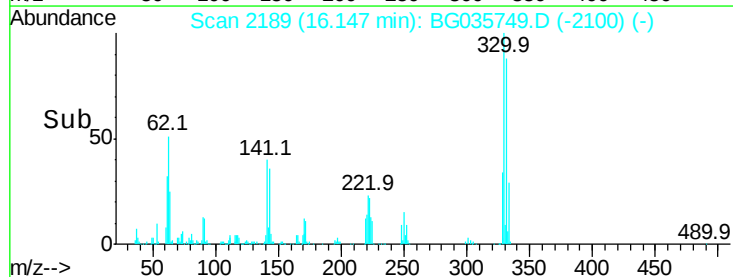
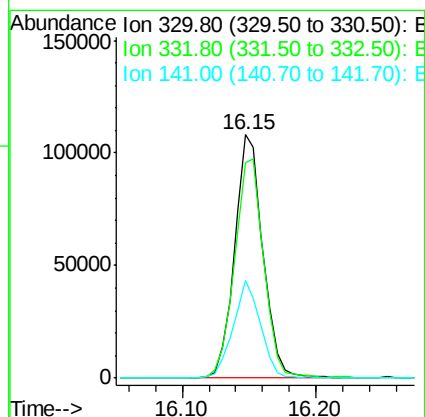
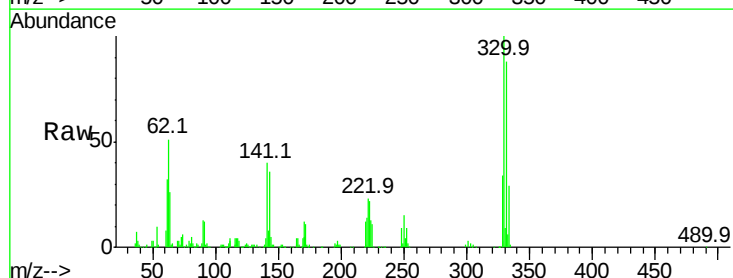


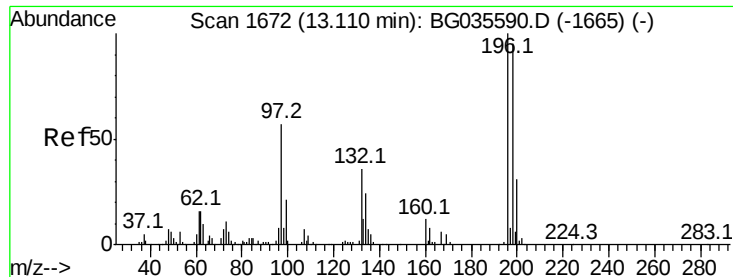
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#41
2,4,6-Tribromophenol
Concen: 108.576 ng
RT: 16.15 min Scan# 2189
Delta R.T. -0.01 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	93.2	77.0	115.6
141	38.9	25.2	37.8#





#42

2,4,6-Trichlorophenol

Concen: 54.070 ng

RT: 13.10 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

Instrument :

BNA_G

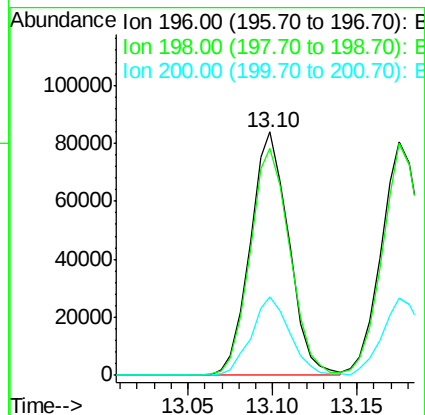
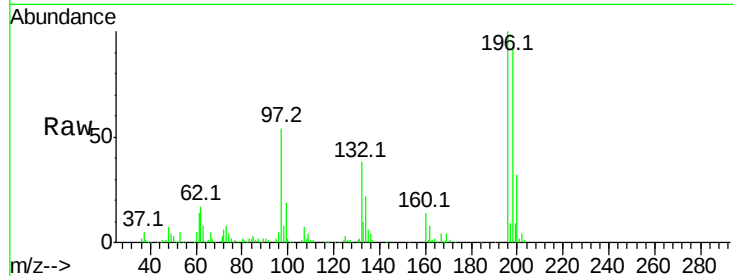
ClientSampleId :

PB111228BSD

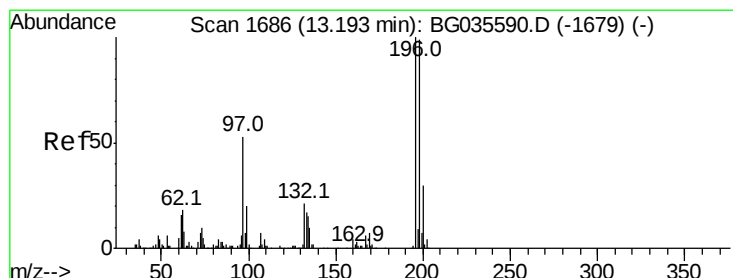
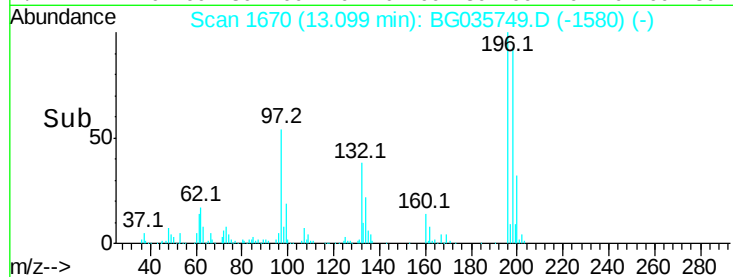
Tot Ion:	196	Resp:	132750
Ion Ratio	Lower	Upper	
196	100		
198	93.4	78.2	117.2
200	32.0	24.6	36.8

Manual Integrations
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#43

2,4,5-Trichlorophenol

Concen: 51.193 ng

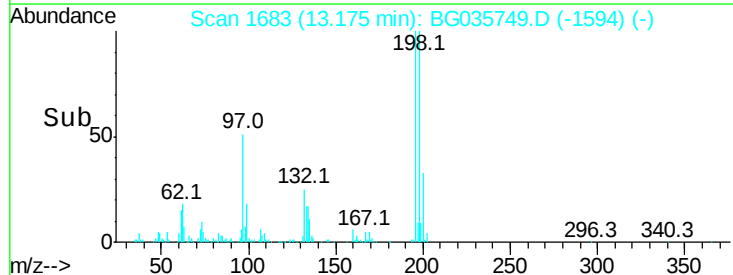
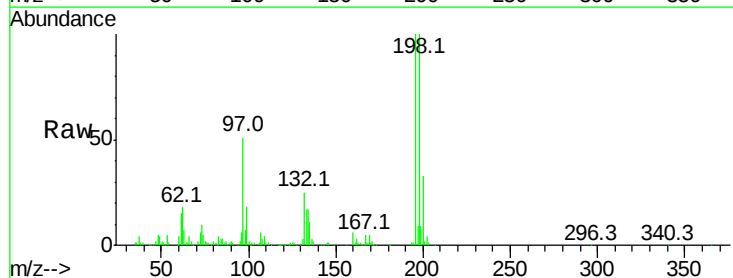
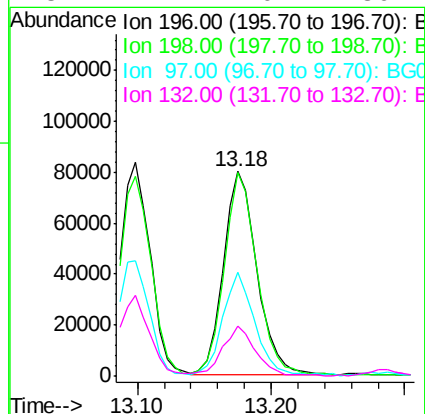
RT: 13.18 min Scan# 1683

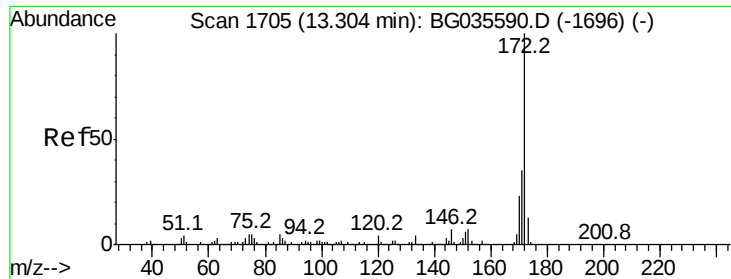
Delta R.T. -0.01 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

Tgt Ion:	196	Resp:	140607
Ion Ratio	Lower	Upper	
196	100		
198	99.7	76.2	114.4
97	51.1	38.7	58.1
132	24.7	20.2	30.2





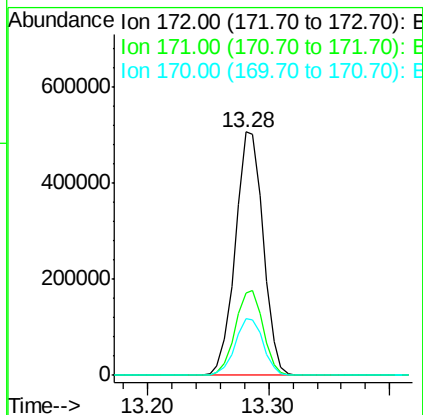
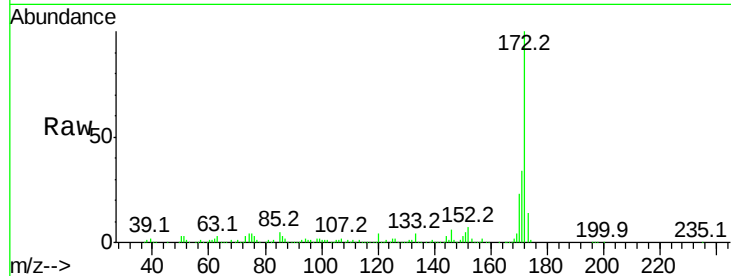
#44
2-Fluorobiphenyl
Concen: 98.424 ng
RT: 13.28 min Scan# 1701
Delta R.T. -0.01 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

Instrument :
BNA_G
ClientSampleId :
PB111228BSD

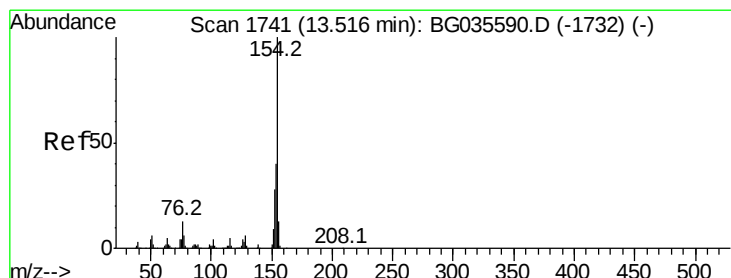
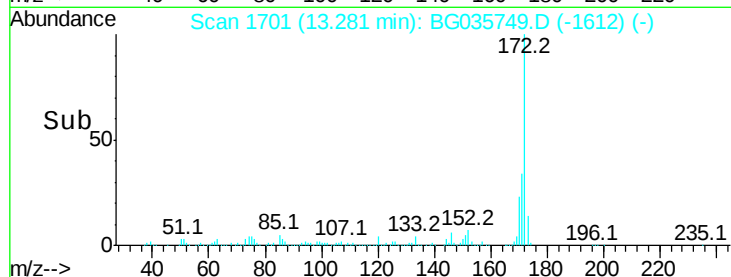
Tot Ion	Ratio	Lower	Upper
172	100		
171	33.8	30.0	45.0
170	23.4	19.5	29.3

Manual Integrations
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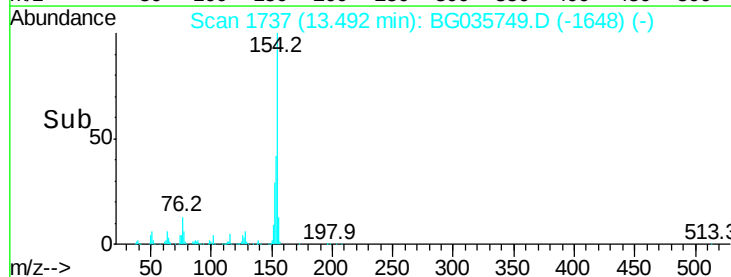
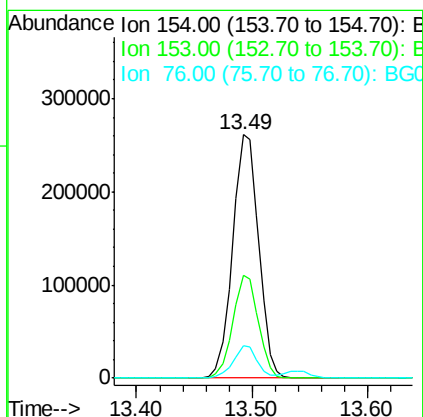
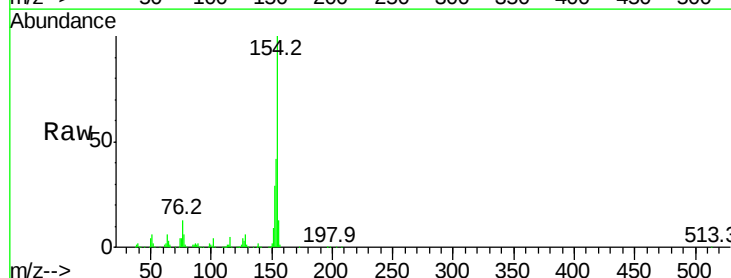


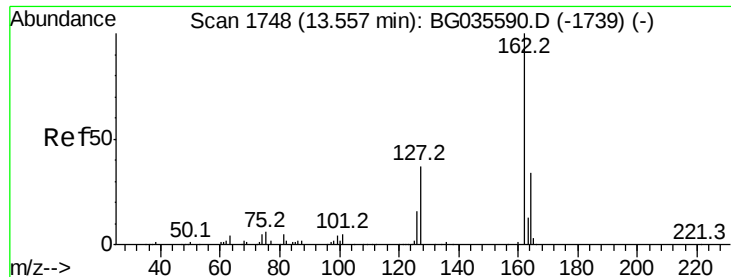
7/19/2018 3:45:32 PM



#45
1,1'-Biphenyl
Concen: 47.119 ng
RT: 13.49 min Scan# 1737
Delta R.T. -0.01 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	19.8	59.8
76	13.4	0.0	31.9





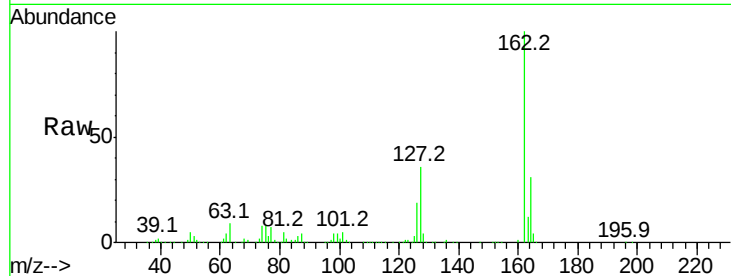
#46
 2-Chloronaphthalene
 Concen: 47.841 ng
 RT: 13.54 min Scan# 1745
 Delta R.T. 0.00 min
 Lab File: BG035749.D
 Acq: 19 Jul 2018 12:05

Instrument :
 BNA_G
 ClientSampleId :
 PB111228BSD

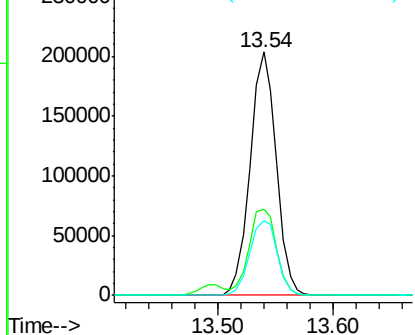
Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	35.6	30.7	46.1
164	30.8	26.0	39.0

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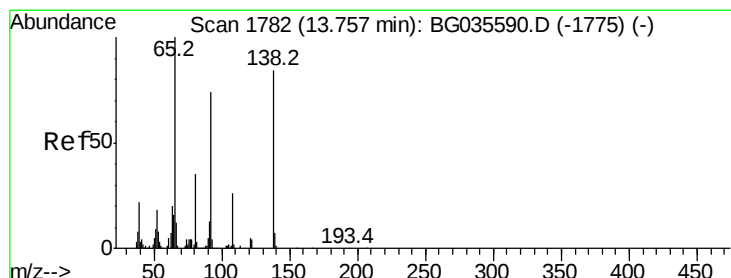
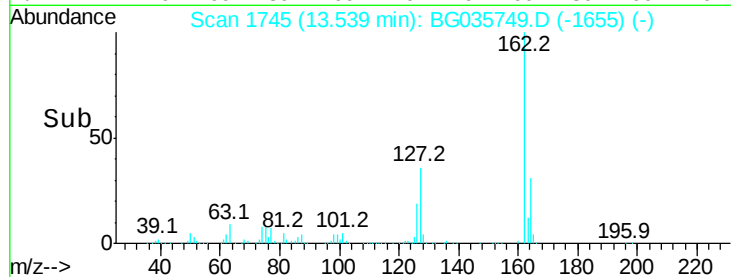
Sohil



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

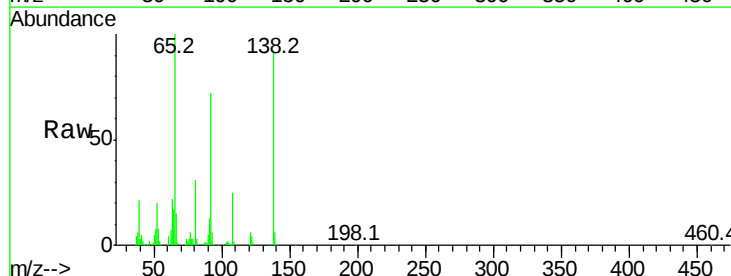


7/19/2018 3:45:32 PM

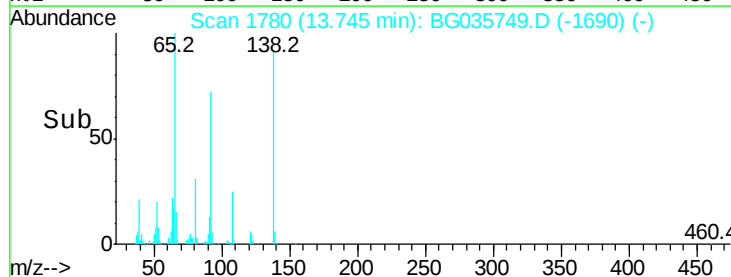
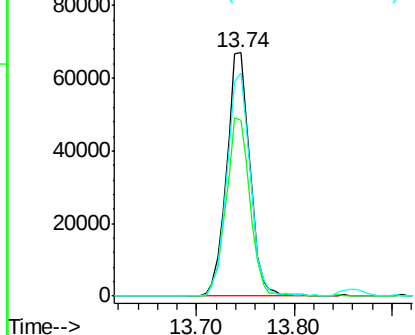


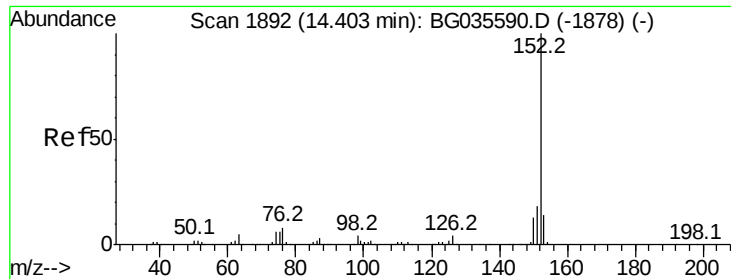
#47
 2-Nitroaniline
 Concen: 46.683 ng
 RT: 13.74 min Scan# 1780
 Delta R.T. 0.00 min
 Lab File: BG035749.D
 Acq: 19 Jul 2018 12:05

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	72.4	54.6	82.0
138	91.8	72.9	109.3



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





#48

Acenaphthylene

Concen: 47.038 ng

RT: 14.39 min Scan# 1889

Delta R.T. 0.00 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

Instrument :

BNA_G

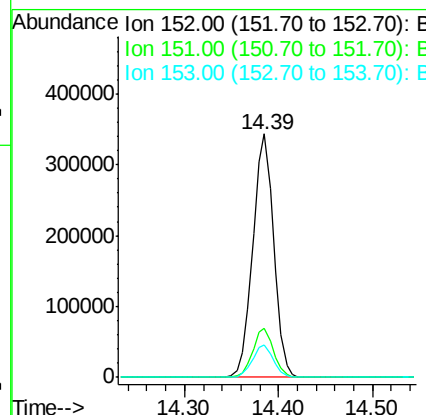
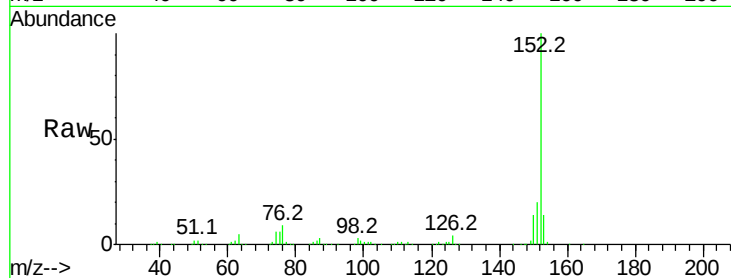
ClientSampleId :

PB111228BSD

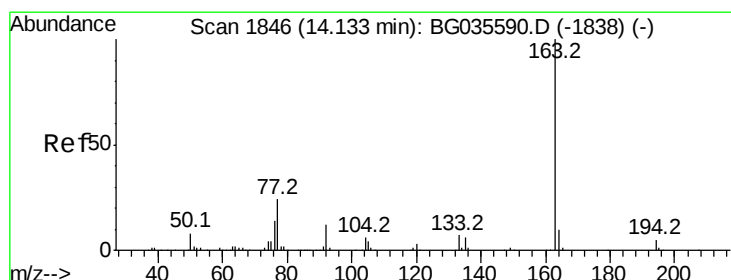
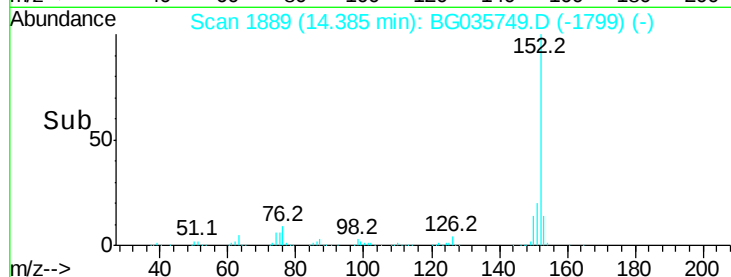
Tot Ion	Ratio	Lower	Upper
152	100		
151	20.3	17.2	25.8
153	13.6	10.2	15.4

Manual Integrations
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#49

Dimethylphthalate

Concen: 46.071 ng

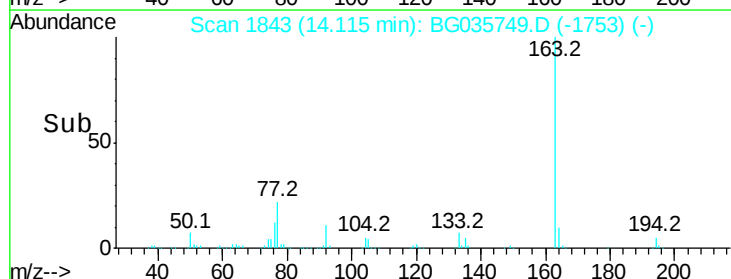
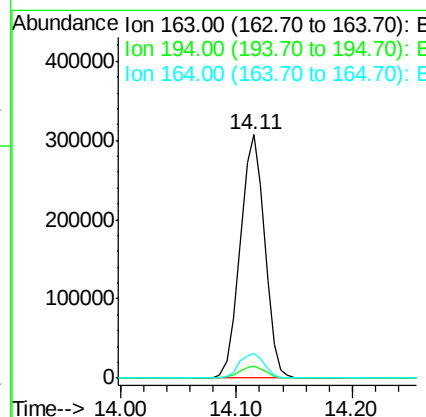
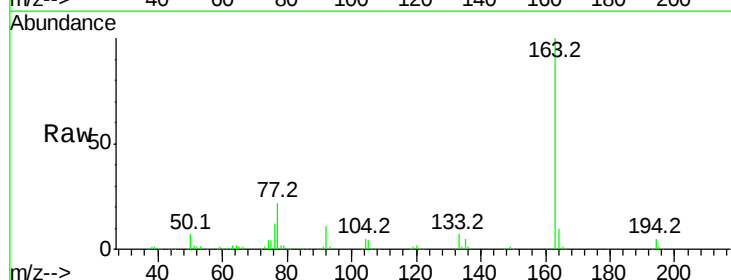
RT: 14.11 min Scan# 1843

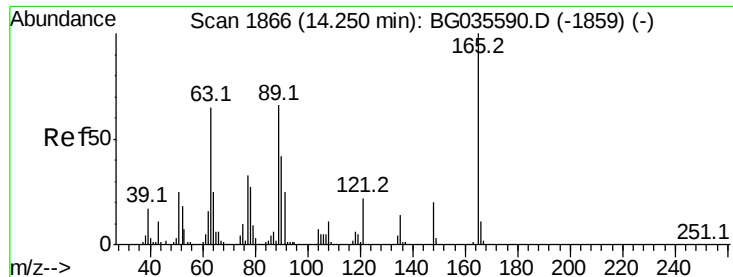
Delta R.T. 0.00 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.4	5.2
164	10.0	8.2	12.4





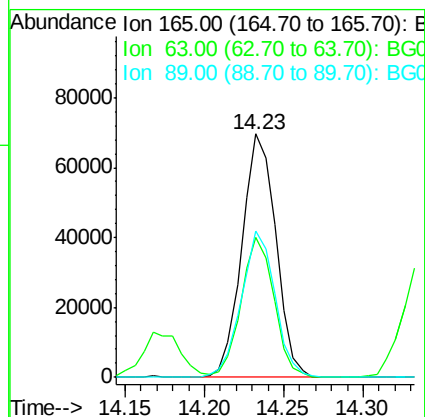
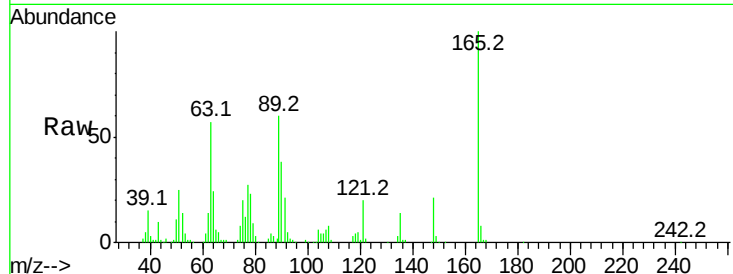
#50
 2,6-Dinitrotoluene
 Concen: 52.264 ng
 RT: 14.23 min Scan# 1863
 Delta R.T. -0.01 min
 Lab File: BG035749.D
 Acq: 19 Jul 2018 12:05

Instrument :
 BNA_G
 ClientSampleId :
 PB111228BSD

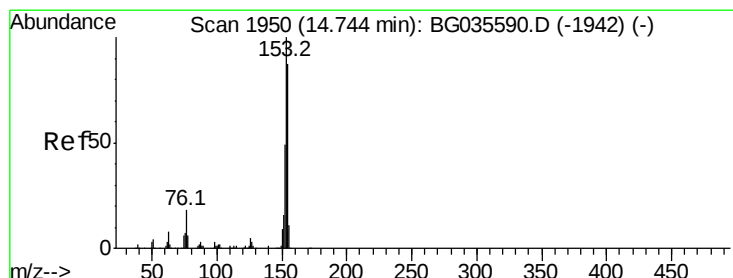
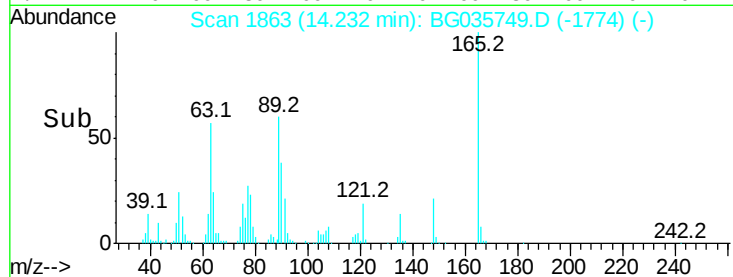
Tot Ion:	165	Resp:	103721
Ion Ratio	Lower	Upper	
165	100		
63	57.2	52.7	79.1
89	59.9	49.2	73.8

Manual Integrations
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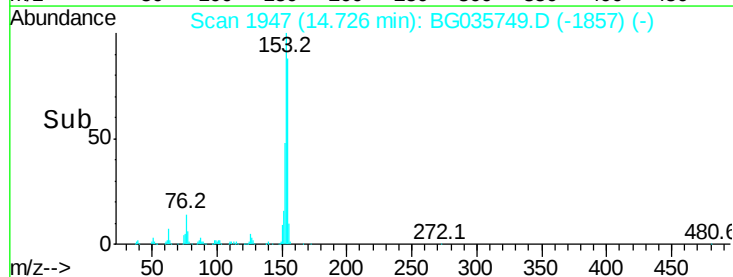
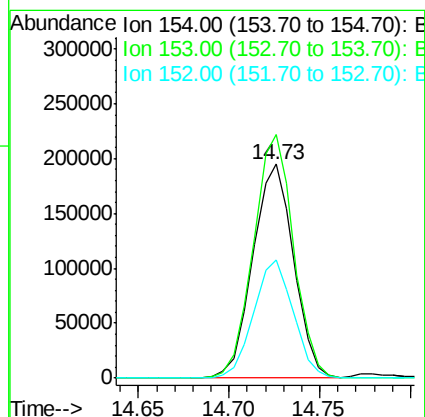
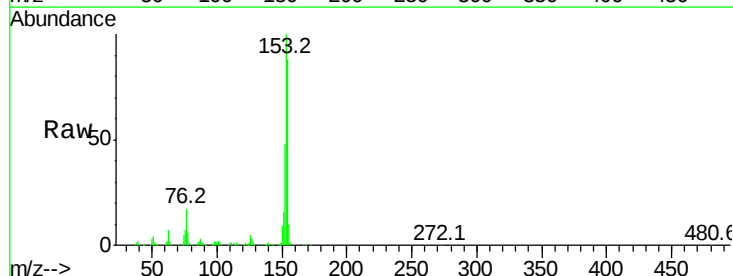


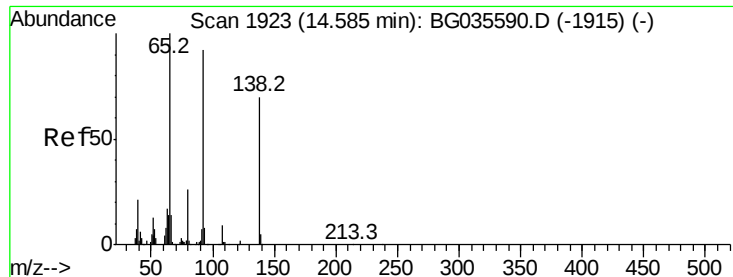
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#51
 Acenaphthene
 Concen: 43.987 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. 0.00 min
 Lab File: BG035749.D
 Acq: 19 Jul 2018 12:05

Tgt Ion:	154	Resp:	307893
Ion Ratio	Lower	Upper	
154	100		
153	113.7	90.4	135.6
152	55.0	41.6	62.4





#52

3-Nitroaniline

Concen: 15.743 ng

RT: 14.57 min Scan# 1920

Delta R.T. 0.00 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

Instrument :

BNA_G

ClientSampleId :

PB111228BSD

Tot Ion:138 Resp: 31932

Ion Ratio Lower Upper

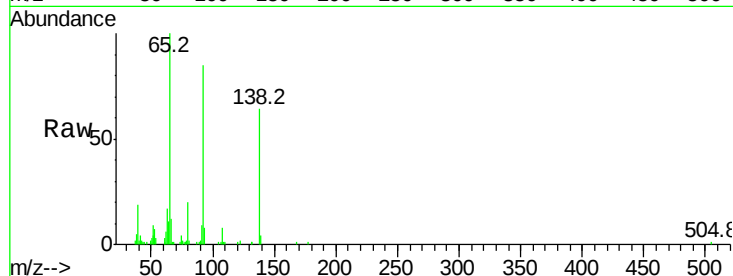
138 100

108 11.9 17.5 26.3#

92 134.1 105.8 158.8

Manual Integrations
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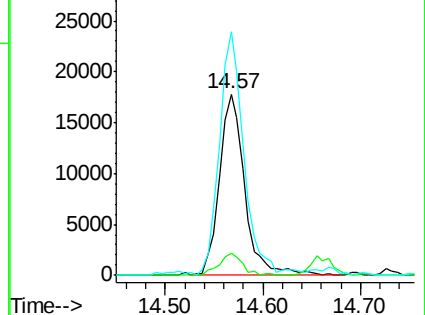
Sohil



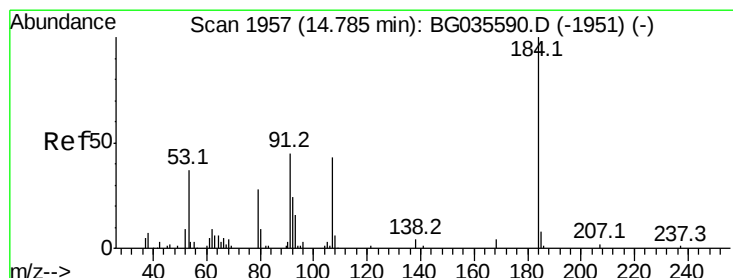
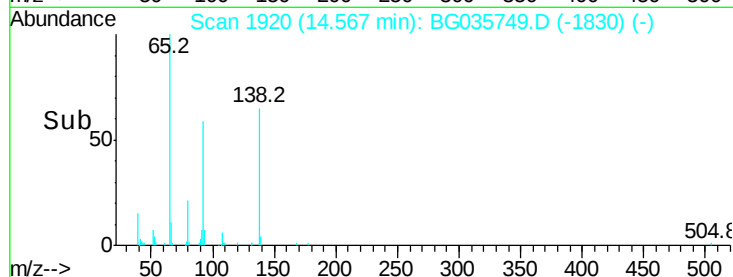
Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E



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#53

2,4-Dinitrophenol

Concen: 18.654 ng

RT: 14.78 min Scan# 1956

Delta R.T. -0.02 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

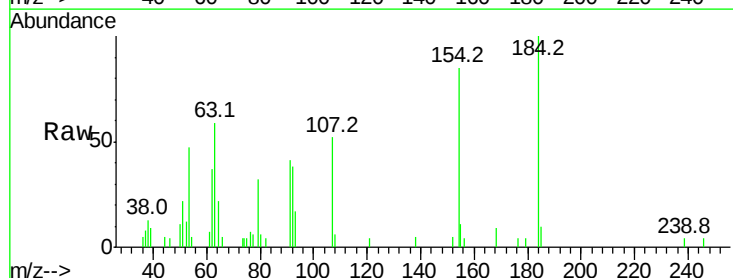
Tgt Ion:184 Resp: 13424

Ion Ratio Lower Upper

184 100

63 58.5 59.8 89.8#

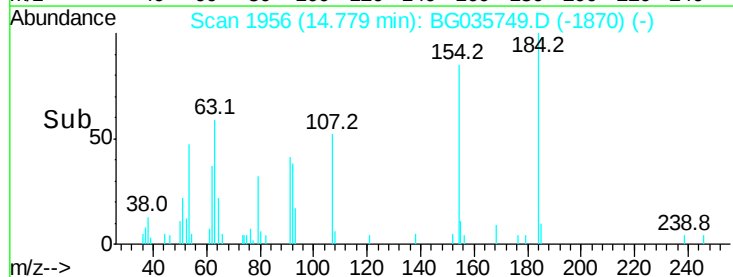
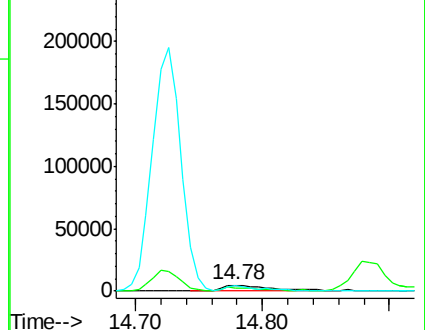
154 84.6 101.8 152.8#

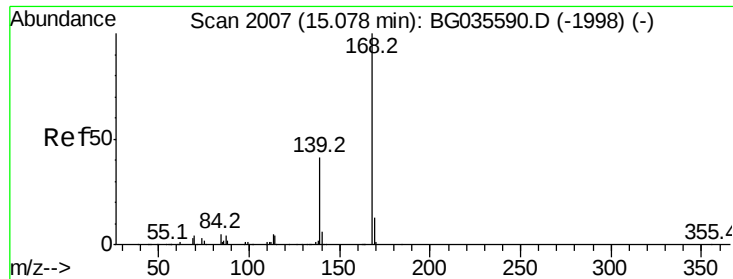


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 154.00 (153.70 to 154.70): E





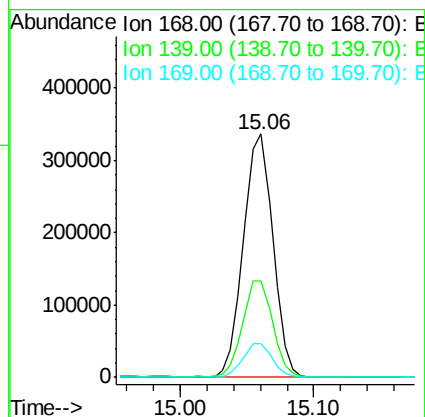
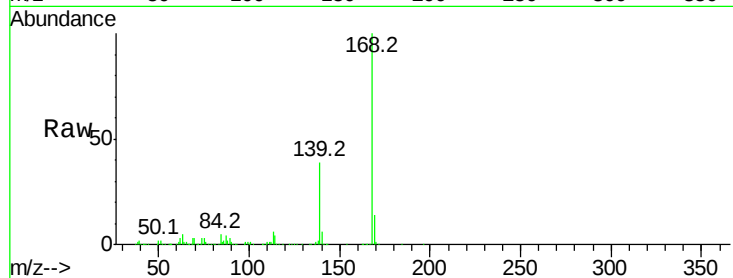
#54
Dibenzenofuran
Concen: 46.255 ng
RT: 15.06 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

Instrument :
BNA_G
ClientSampleId :
PB111228BSD

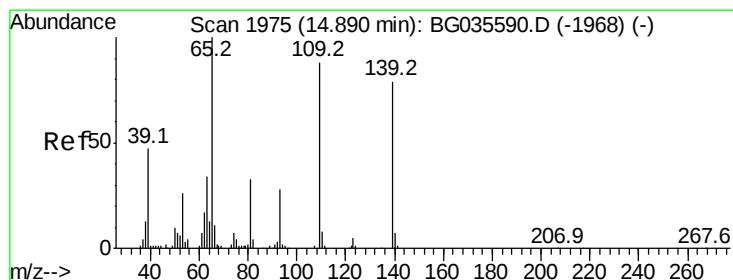
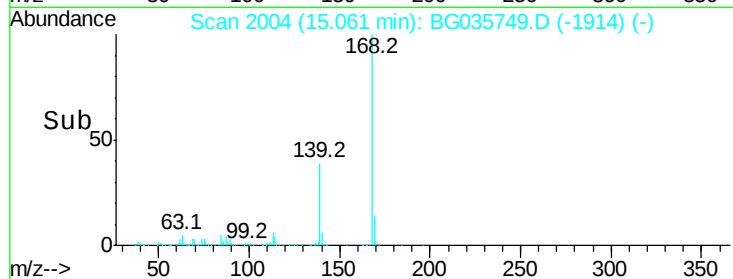
Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.4	28.6	43.0	
169	13.7	11.2	16.8	

Manual Integrations
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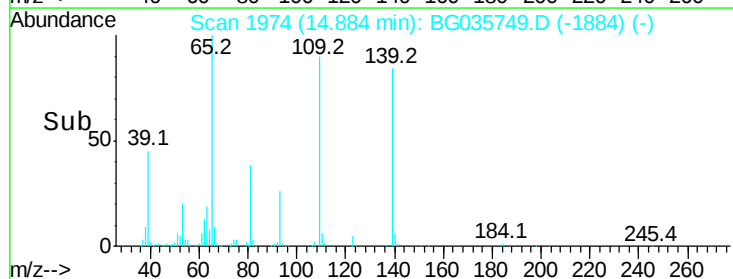
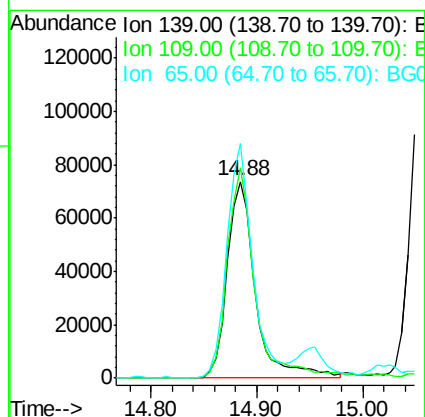
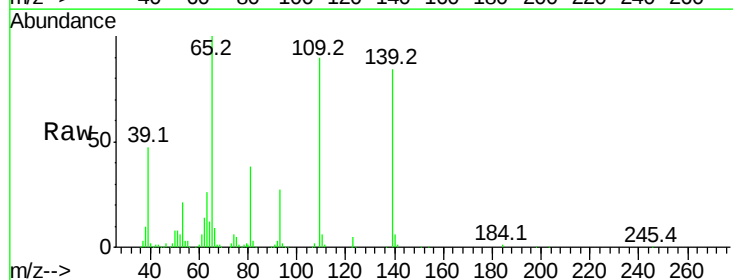


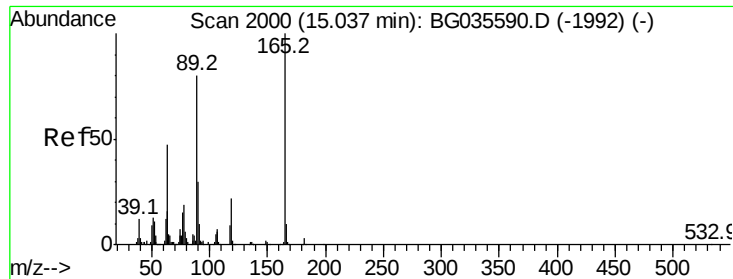
7/19/2018 3:45:32 PM



#55
4-Nitrophenol
Concen: 94.557 ng
RT: 14.88 min Scan# 1974
Delta R.T. 0.00 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	107.0	62.2	102.2#	
65	119.1	97.2	137.2	





#56
2,4-Dinitrotoluene
Concen: 50.810 ng
RT: 15.02 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

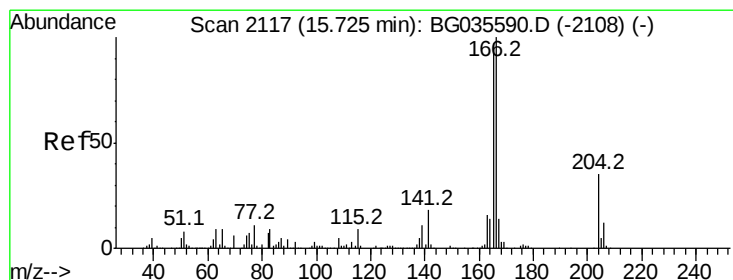
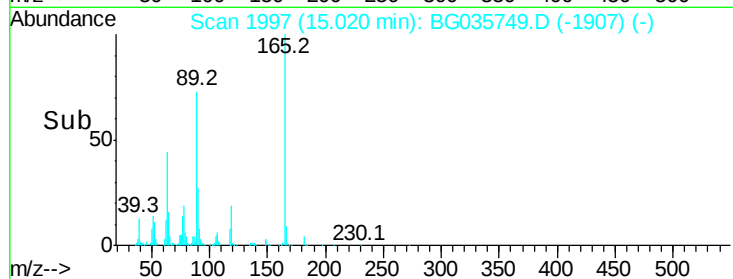
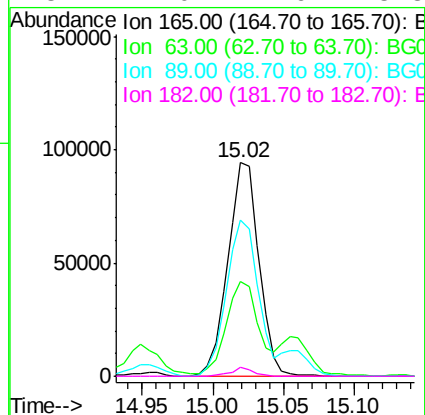
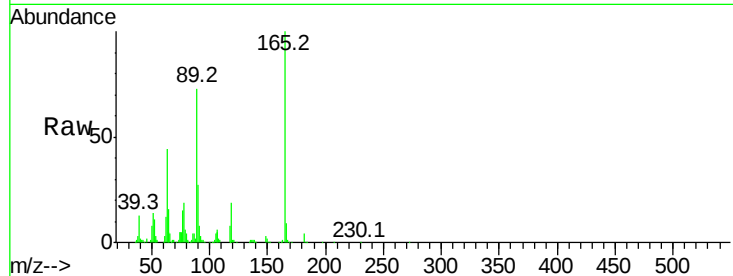
Instrument :
BNA_G
ClientSampleId :
PB111228BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	44.1	42.0	63.0	
89	73.2	66.9	100.3	
182	4.0	2.6	3.8	

Manual Integrations
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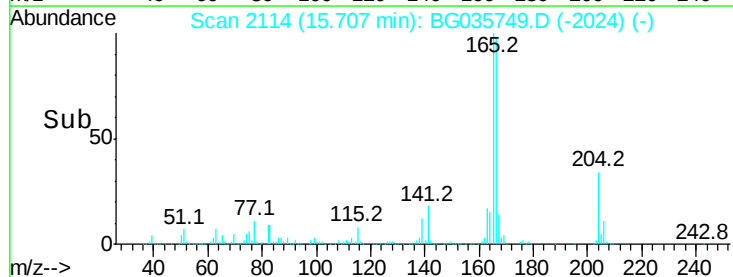
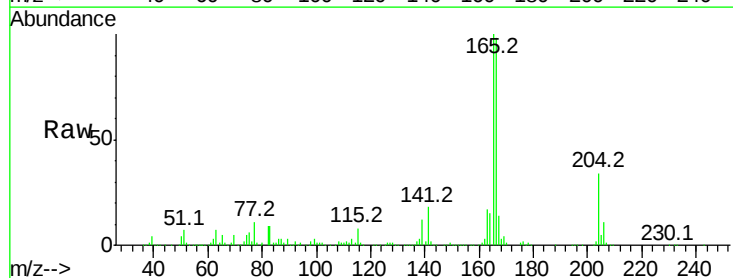
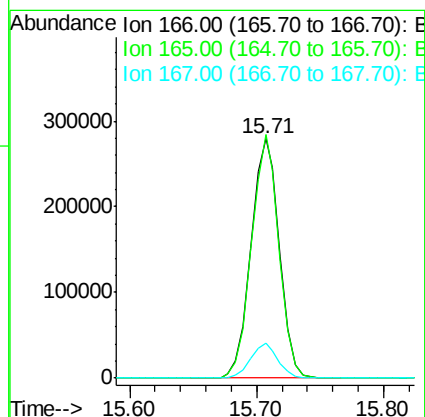
Sohil

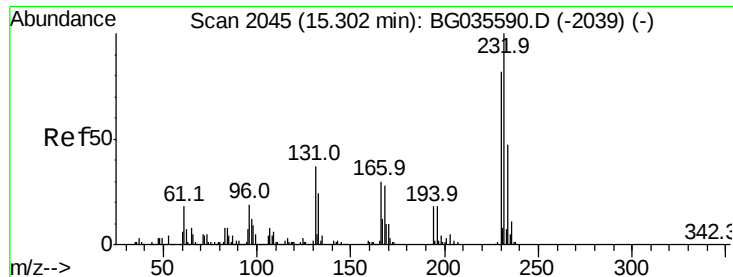
7/19/2018 3:45:32 PM



#57
Fluorene
Concen: 46.275 ng
RT: 15.71 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	101.7	80.6	121.0	
167	14.6	10.4	15.6	





#58
2,3,4,6-Tetrachlorophenol
Concen: 53.682 ng
RT: 15.28 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

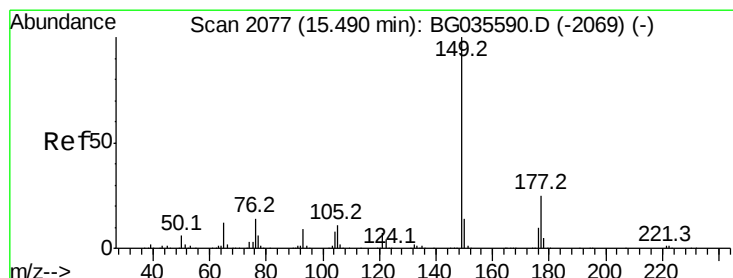
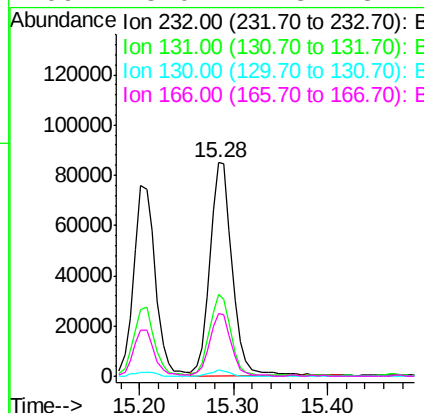
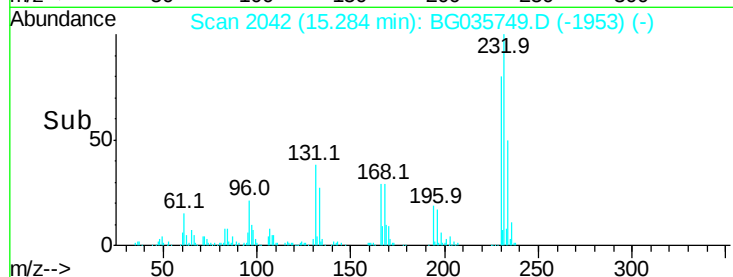
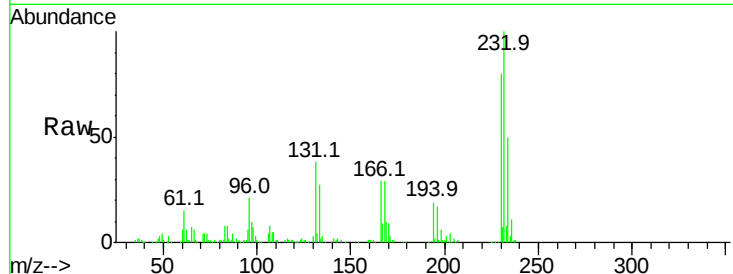
Instrument :
BNA_G
ClientSampleId :
PB111228BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	36.2	33.5	50.3
130	2.4	2.2	3.2
166	28.0	24.8	37.2

Manual Integrations
APPROVED

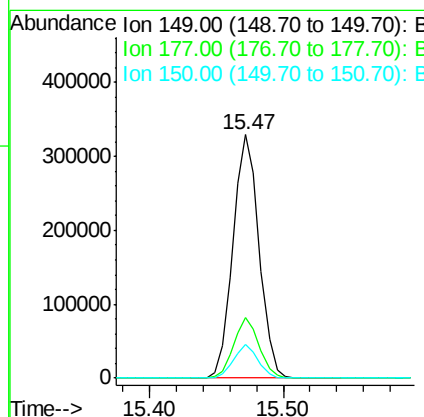
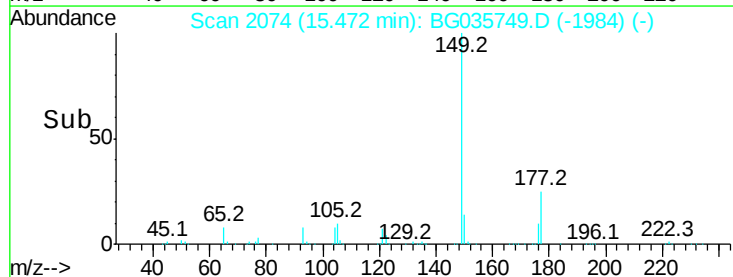
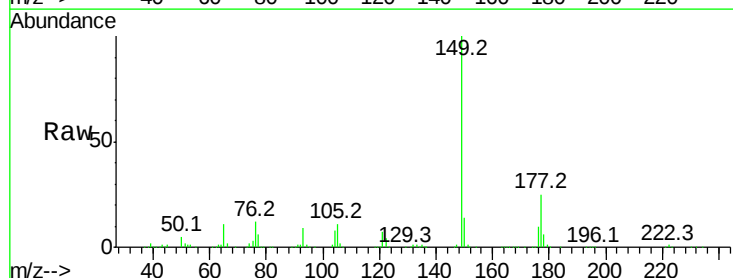
Sohil

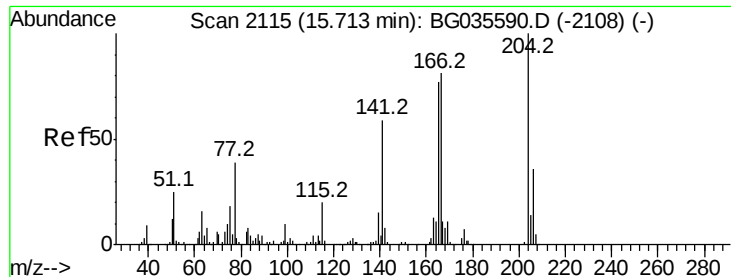
7/19/2018 3:45:32 PM



#59
Diethylphthalate
Concen: 44.739 ng
RT: 15.47 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.7	18.5	27.7
150	13.7	10.2	15.2





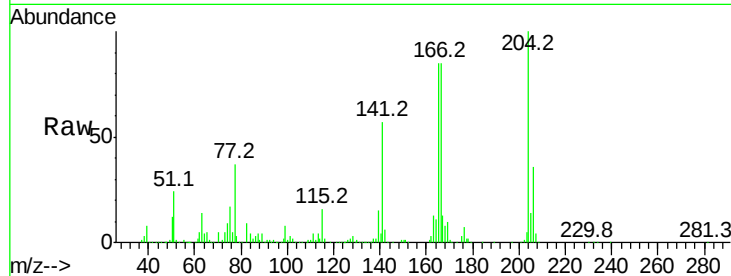
#60
4-Chlorophenyl-phenylether
Concen: 46.302 ng
RT: 15.70 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

Instrument :
BNA_G
ClientSampleId :
PB111228BSD

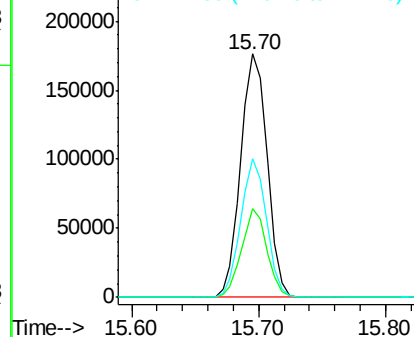
Tot Ion	Ratio	Lower	Upper
204	100		
206	36.4	26.2	39.2
141	56.9	45.8	68.6

Manual Integrations
APPROVED

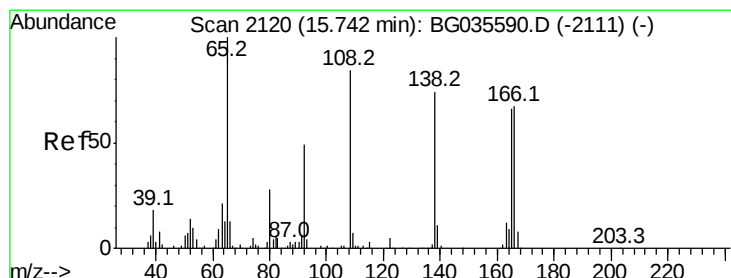
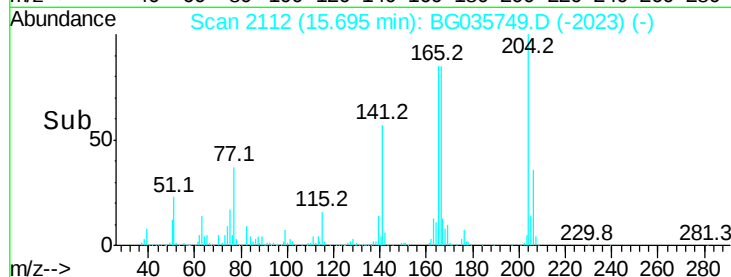
Sohil



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

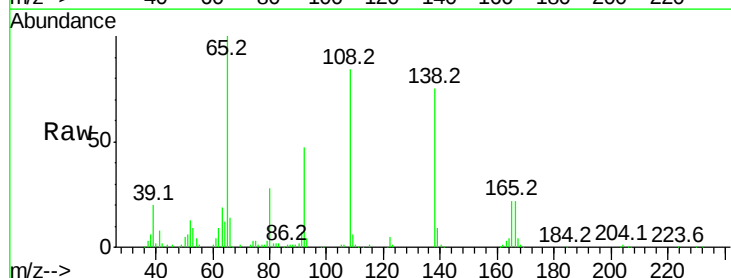


7/19/2018 3:45:32 PM

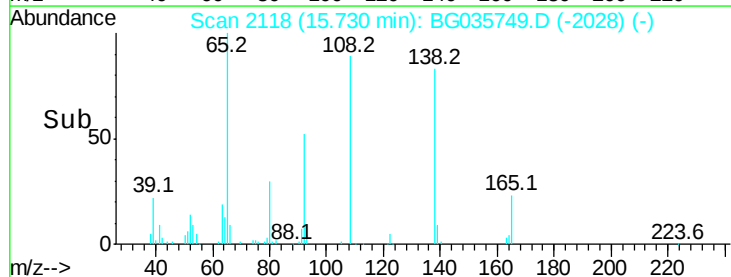
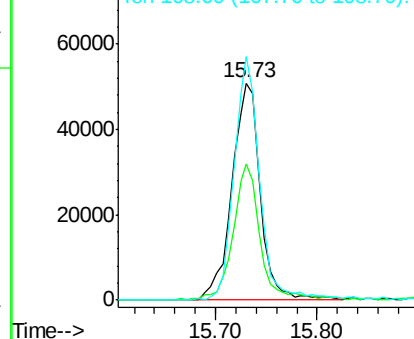


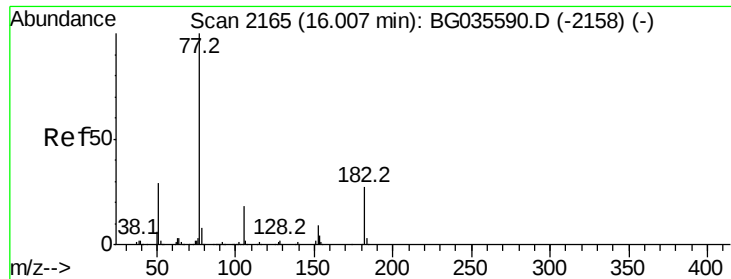
#61
4-Nitroaniline
Concen: 46.352 ng
RT: 15.73 min Scan# 2118
Delta R.T. 0.00 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

Tgt Ion	Ratio	Lower	Upper
138	100		
92	62.8	40.1	80.1
108	112.1	65.4	105.4#



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





#62
Azobenzene
Concen: 45.202 ng
RT: 15.99 min Scan# 2162
Delta R.T. 0.00 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

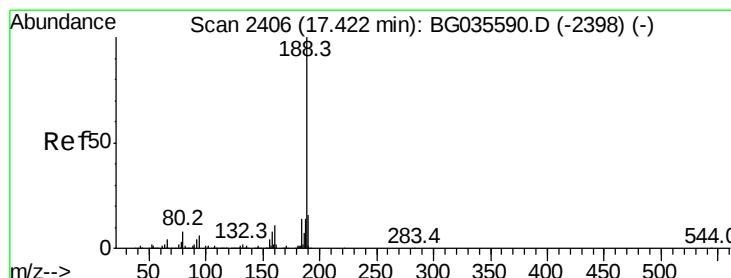
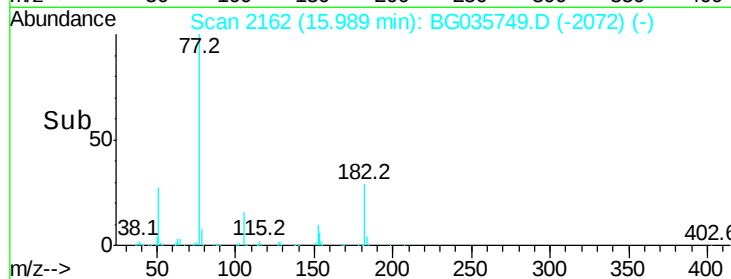
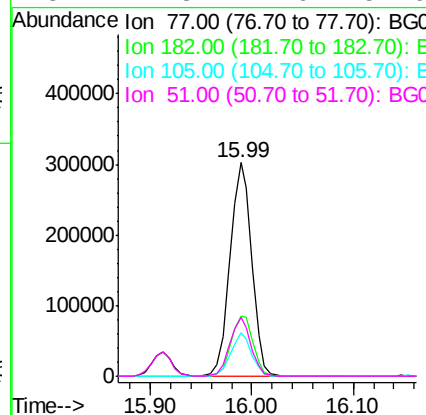
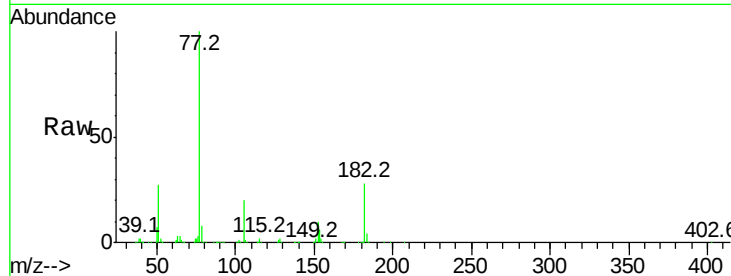
Instrument :
BNA_G
ClientSampleId :
PB111228BSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.2	7.4	47.4	
105	20.3	0.3	40.3	
51	27.3	11.6	51.6	

Manual Integrations
APPROVED

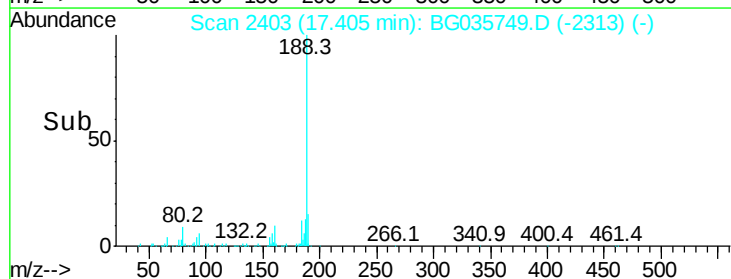
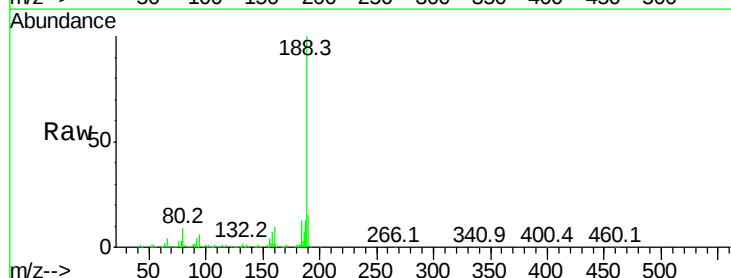
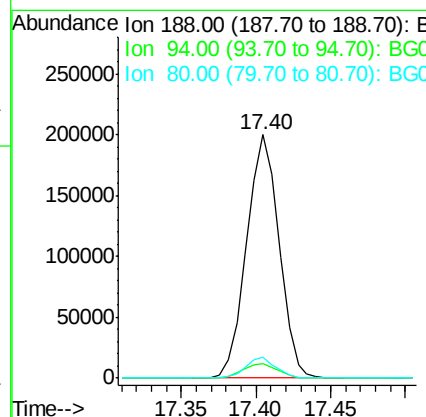
Sohil

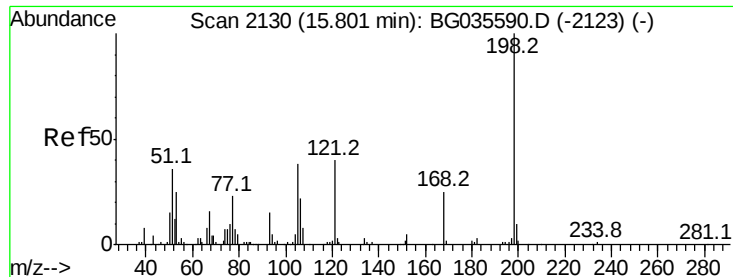
7/19/2018 3:45:32 PM



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2403
Delta R.T. 0.00 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	6.0	6.9	10.3#	
80	8.6	7.7	11.5	





#64

4,6-Dinitro-2-methylphenol

Concen: 21.353 ng

RT: 15.78 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

Instrument :

BNA_G

ClientSampleId :

PB111228BSD

Tot Ion:198 Resp: 35712

Ion Ratio Lower Upper

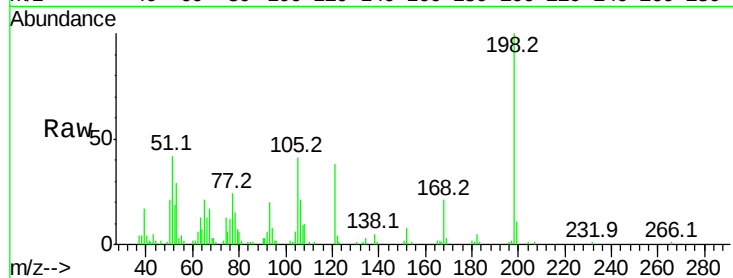
198 100

51 42.4 30.6 70.6

105 40.6 23.8 63.8

Manual Integrations
APPROVED

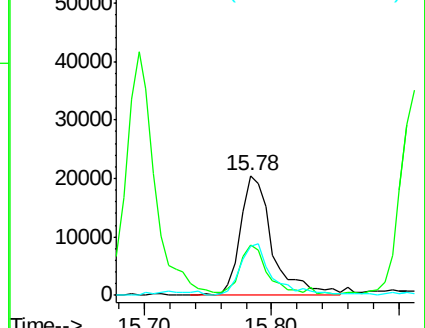
Sohil



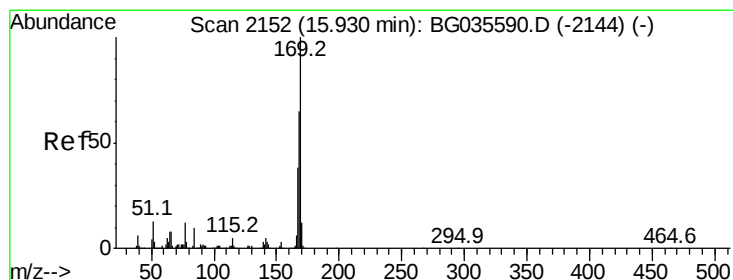
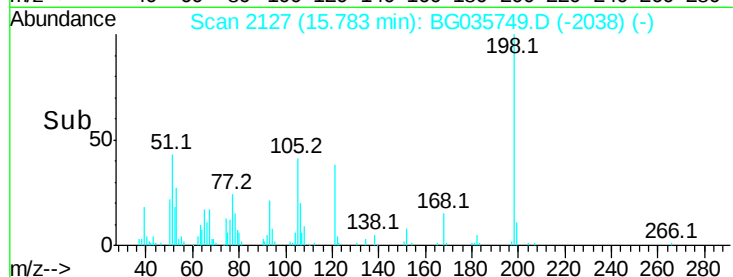
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG035590.D (-2123) (-)

Ion 105.00 (104.70 to 105.70): BG035590.D (-2123) (-)



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#65

n-Nitrosodiphenylamine

Concen: 45.231 ng

RT: 15.91 min Scan# 2149

Delta R.T. 0.00 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

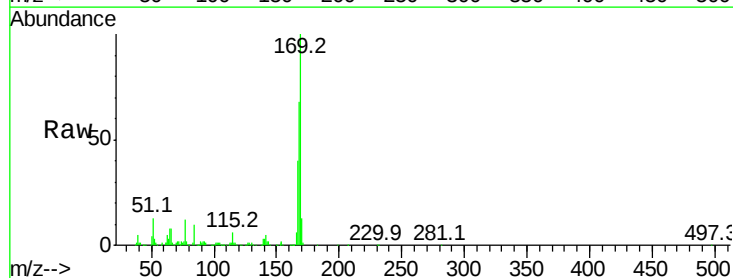
Tgt Ion:169 Resp: 386804

Ion Ratio Lower Upper

169 100

168 67.9 55.7 83.5

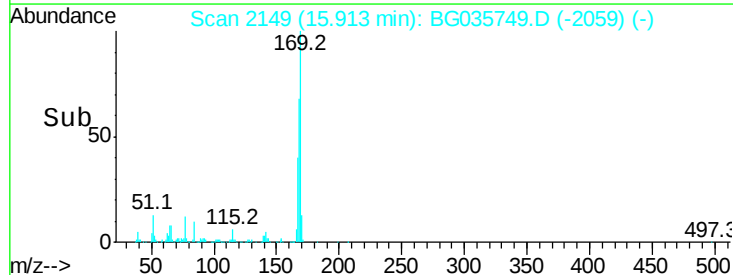
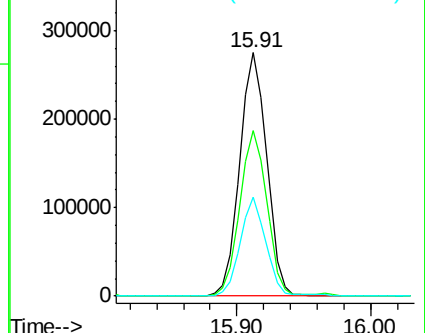
167 40.4 30.1 45.1

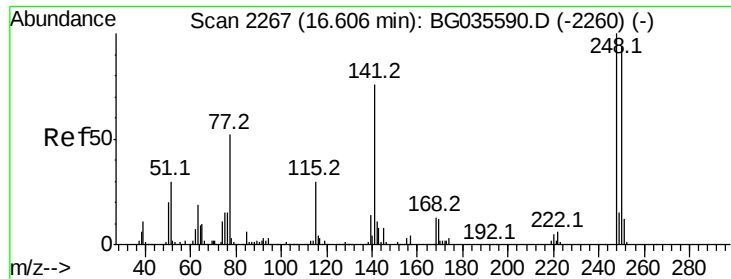


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): BG035590.D (-2144) (-)

Ion 167.00 (166.70 to 167.70): BG035590.D (-2144) (-)





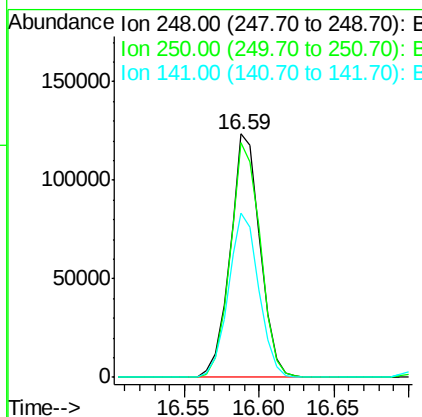
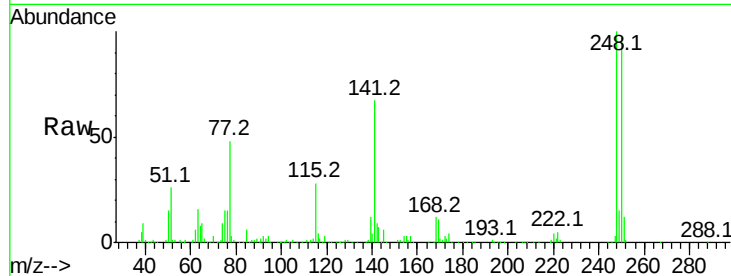
#66
 4-Bromophenyl-phenylether
 Concen: 49.446 ng
 RT: 16.59 min Scan# 2264
 Delta R.T. -0.01 min
 Lab File: BG035749.D
 Acq: 19 Jul 2018 12:05

Instrument :
 BNA_G
 ClientSampleId :
 PB111228BSD

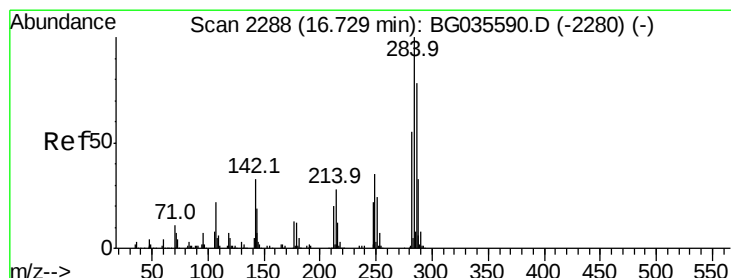
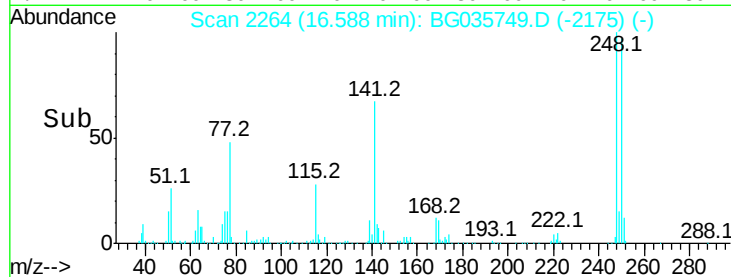
Tot Ion:	248	Resp:	172351
Ion Ratio	Lower	Upper	
248	100		
250	96.6	77.1	115.7
141	67.5	50.8	76.2

Manual Integrations
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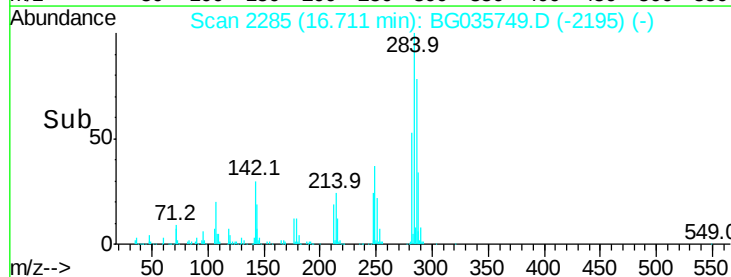
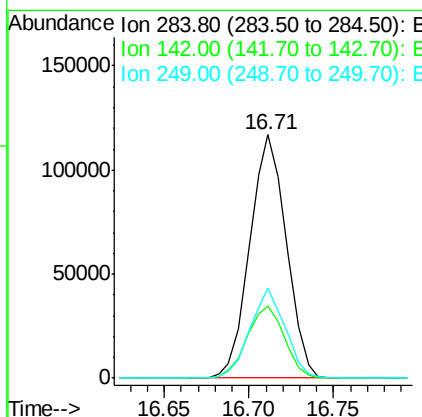
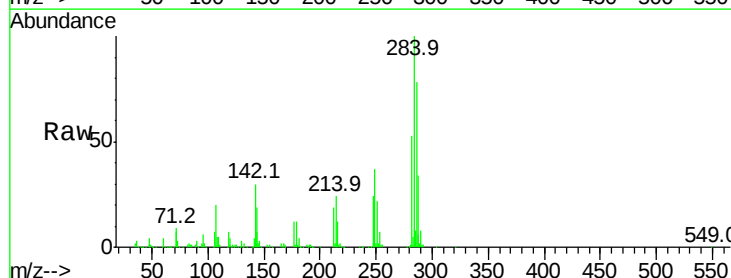


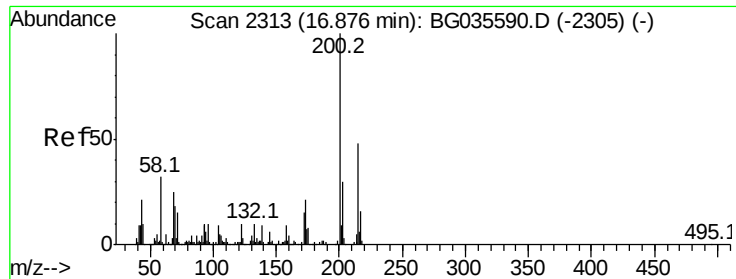
7/19/2018 3:45:32 PM



#67
 Hexachlorobenzene
 Concen: 48.746 ng
 RT: 16.71 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: BG035749.D
 Acq: 19 Jul 2018 12:05

Tgt Ion:	284	Resp:	174979
Ion Ratio	Lower	Upper	
284	100		
142	29.9	26.8	40.2
249	37.1	26.3	39.5





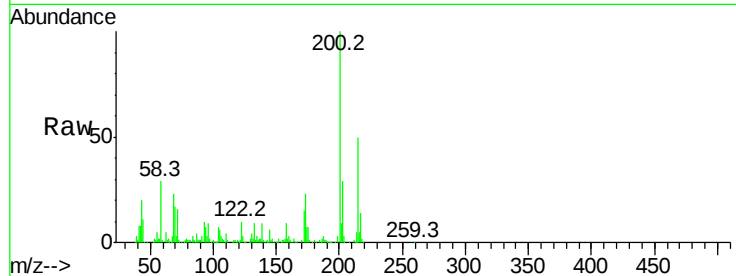
#68
Atrazine
Concen: 51.020 ng
RT: 16.86 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

Instrument :
BNA_G
ClientSampleId :
PB111228BSD

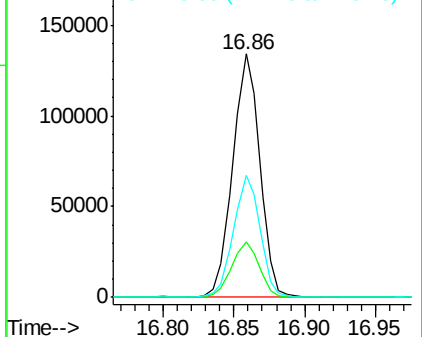
Tot Ion	Ratio	Lower	Upper
200	100		
173	22.6	5.2	45.2
215	50.3	30.4	70.4

Manual Integrations
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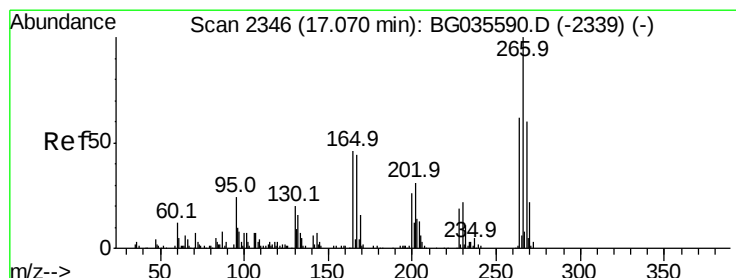
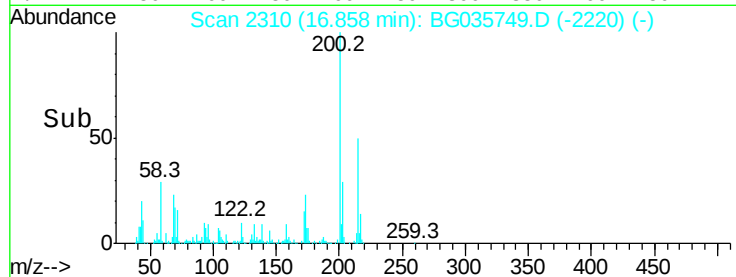
Sohil



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

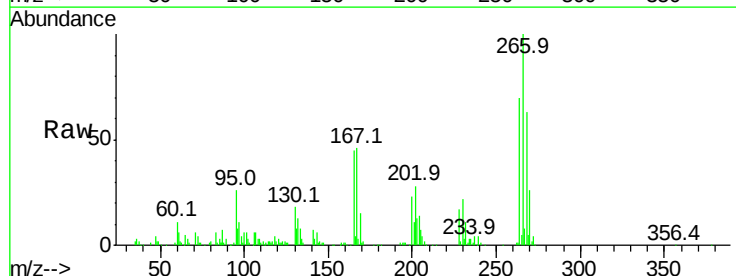


7/19/2018 3:45:32 PM

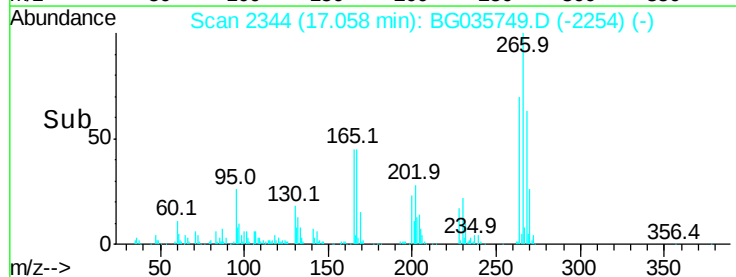
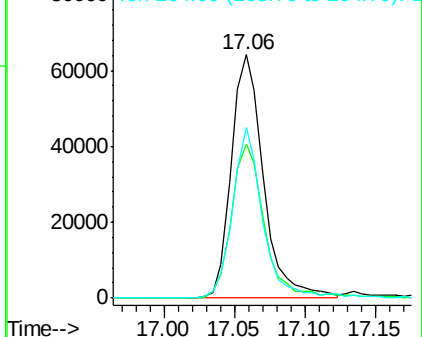


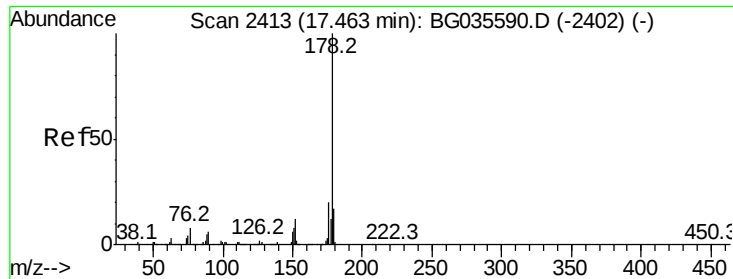
#69
Pentachlorophenol
Concen: 46.640 ng
RT: 17.06 min Scan# 2344
Delta R.T. 0.00 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.1	76.7
264	70.1	49.6	74.4



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





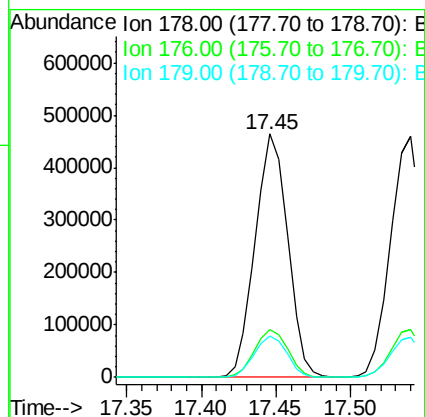
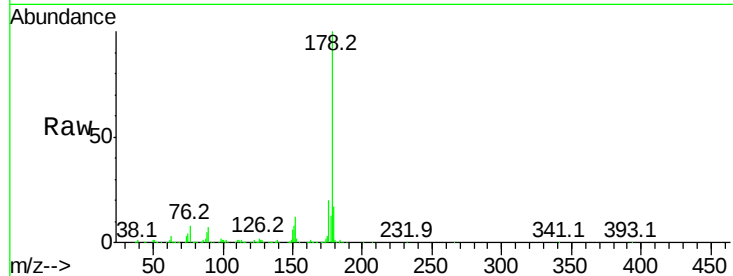
#70
Phenanthrene
Concen: 46.843 ng
RT: 17.45 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

Instrument :
BNA_G
ClientSampleId :
PB111228BSD

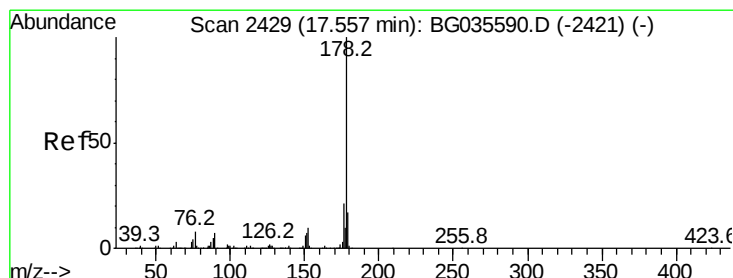
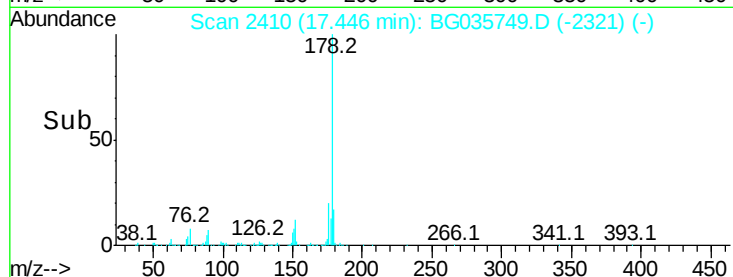
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.7	23.5
179	17.2	12.5	18.7

Manual Integrations
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Sohil

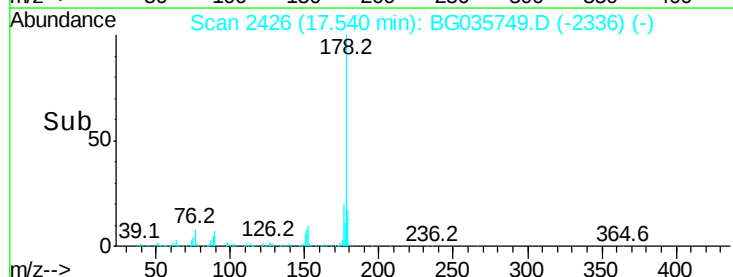
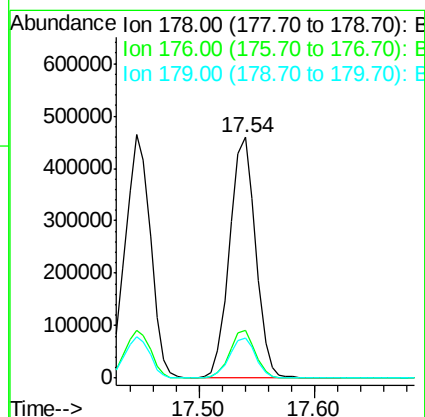
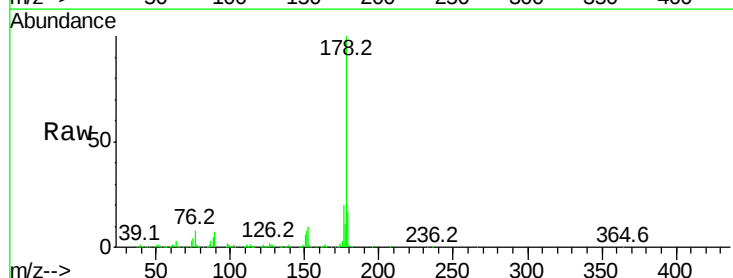


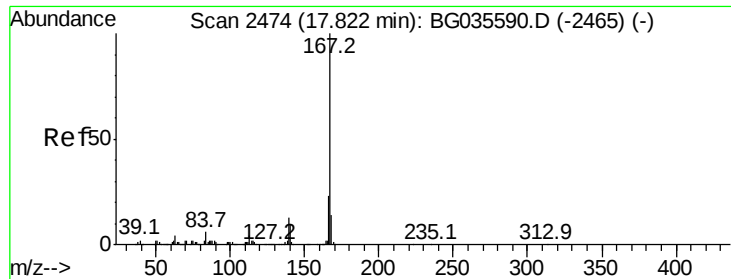
7/19/2018 3:45:32 PM



#71
Anthracene
Concen: 47.859 ng
RT: 17.54 min Scan# 2426
Delta R.T. 0.00 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.0	24.0
179	16.8	12.5	18.7





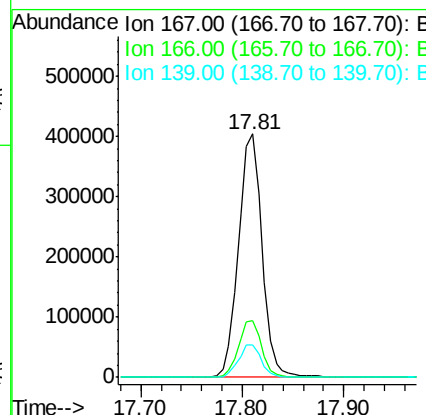
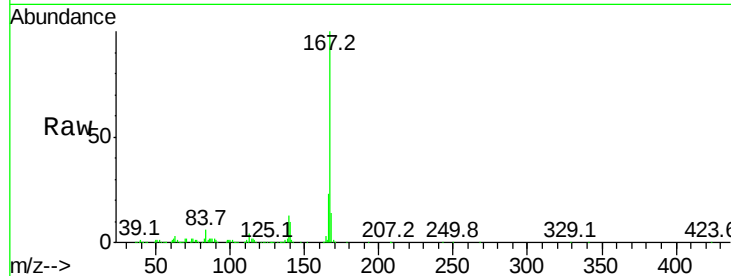
#72
 Carbazole
 Concen: 46.061 ng
 RT: 17.81 min Scan# 2472
 Delta R.T. 0.00 min
 Lab File: BG035749.D
 Acq: 19 Jul 2018 12:05

Instrument :
 BNA_G
 ClientSampleId :
 PB111228BSD

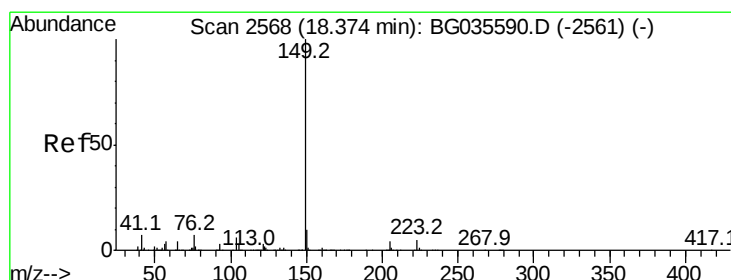
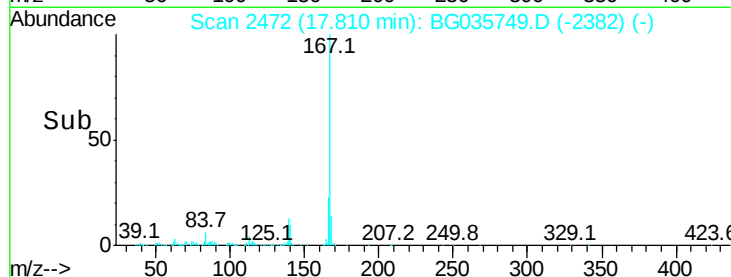
Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	23.3	18.2	27.4	
139	13.2	9.4	14.2	

Manual Integrations
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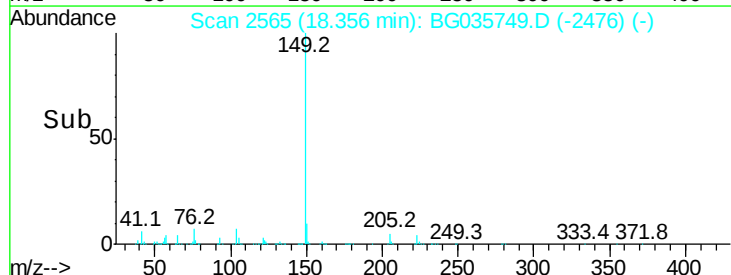
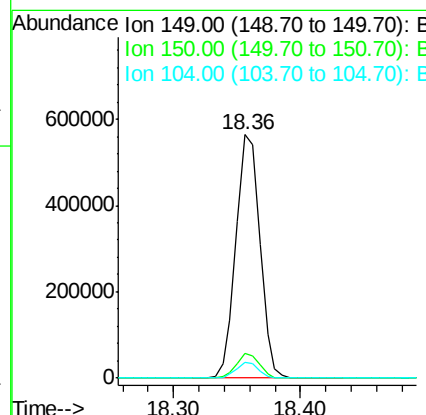
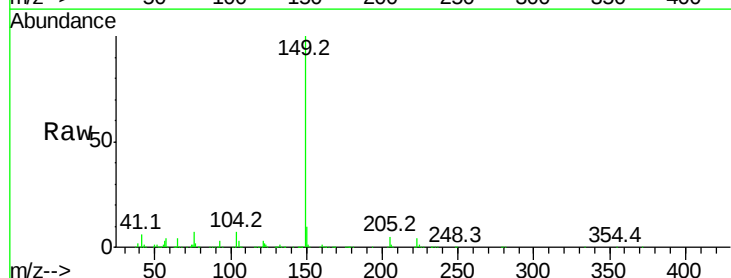


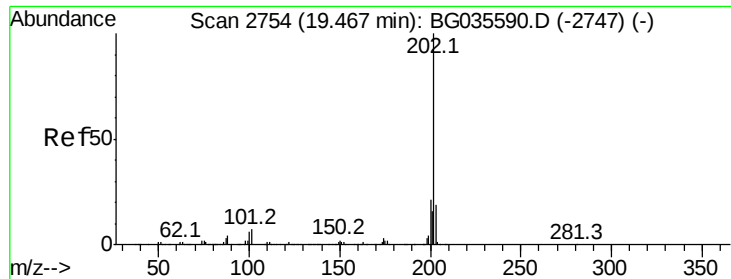
7/19/2018 3:45:32 PM



#73
 Di-n-butylphthalate
 Concen: 43.965 ng
 RT: 18.36 min Scan# 2565
 Delta R.T. -0.01 min
 Lab File: BG035749.D
 Acq: 19 Jul 2018 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.9	7.8	11.6	
104	6.7	3.9	5.9	





#74

Fluoranthene

Concen: 45.821 ng

RT: 19.45 min Scan# 2752

Delta R.T. 0.00 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

Instrument :

BNA_G

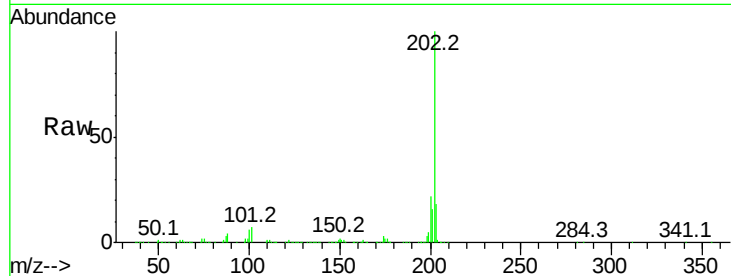
ClientSampleId :

PB111228BSD

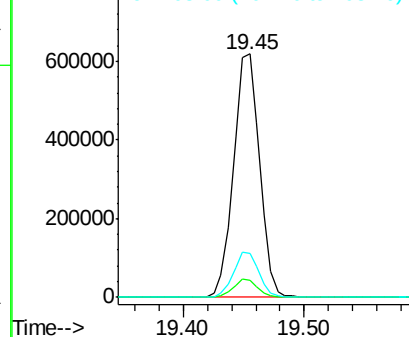
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.9	0.0	28.9
203	17.8	0.0	37.5

Manual Integrations
APPROVED

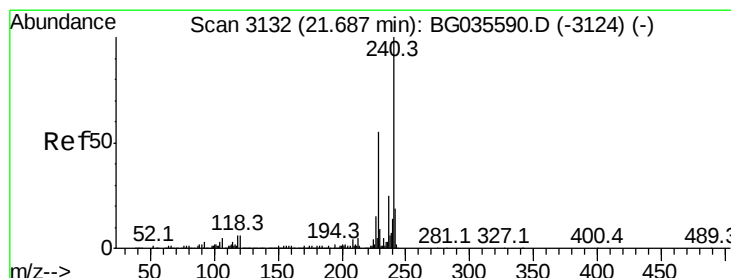
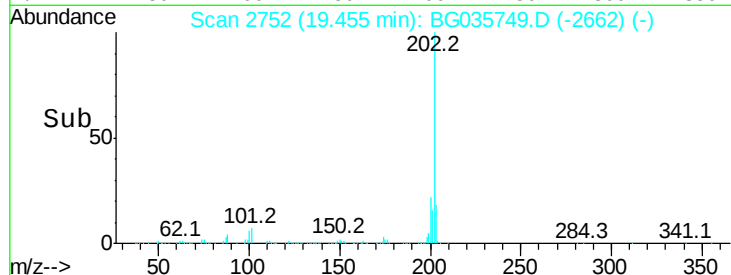
Sohil



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



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#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3129

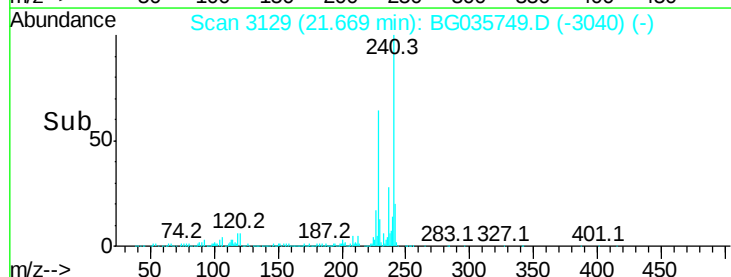
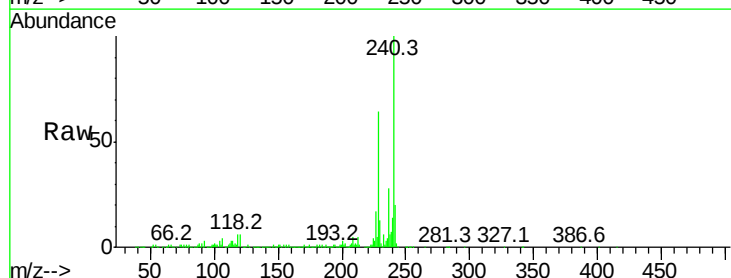
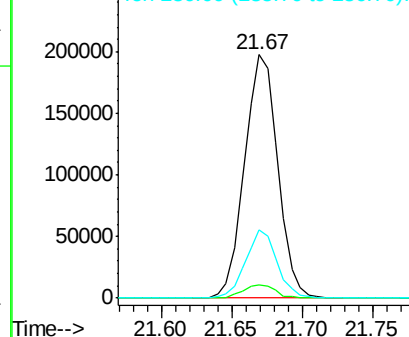
Delta R.T. -0.01 min

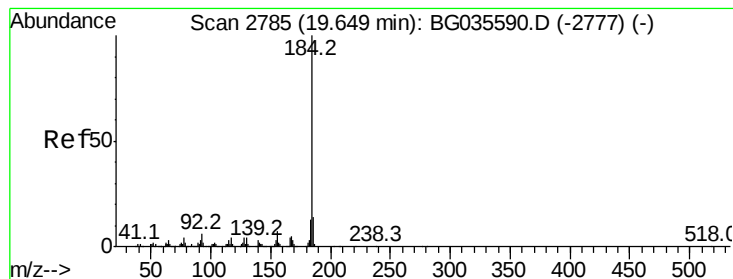
Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	5.6	6.8	10.2#
236	27.9	20.9	31.3

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





#76

Benzidine

Concen: 33.292 ng

RT: 19.64 min Scan# 2783

Delta R.T. 0.00 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

Instrument :

BNA_G

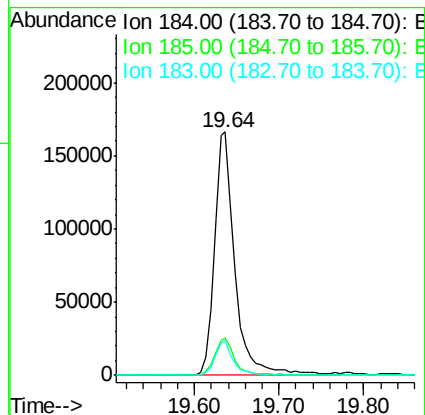
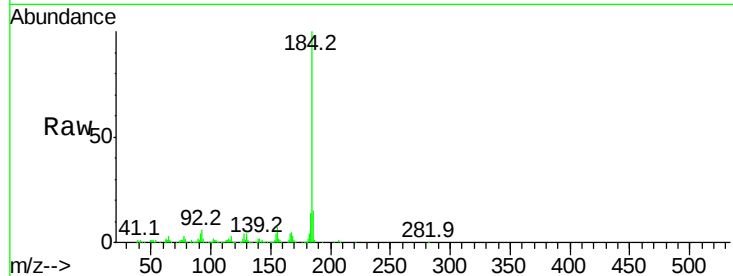
ClientSampleId :

PB111228BSD

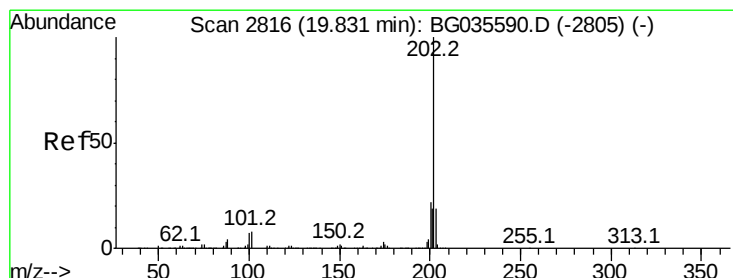
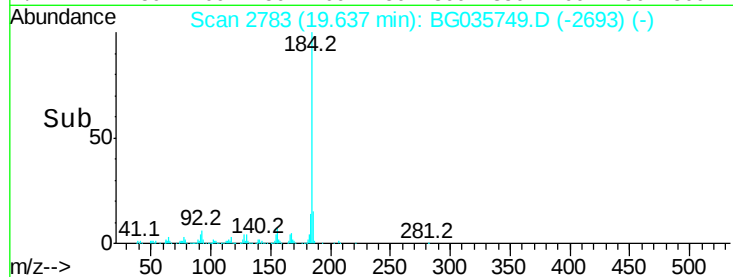
Tot Ion:	184	Resp:	284737
Ion Ratio	Lower	Upper	
184	100		
185	15.2	11.1	16.7
183	14.4	10.6	16.0

Manual Integrations
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Sohil



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#77

Pyrene

Concen: 44.536 ng

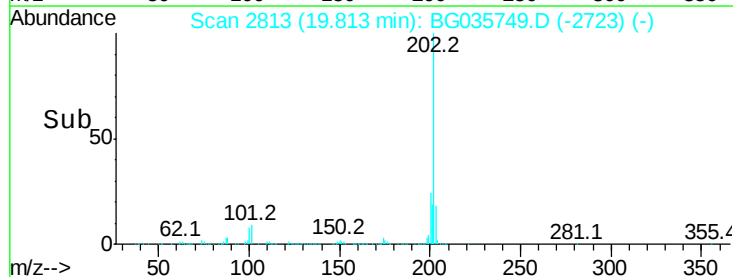
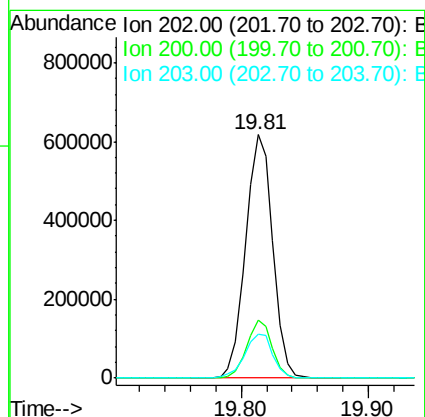
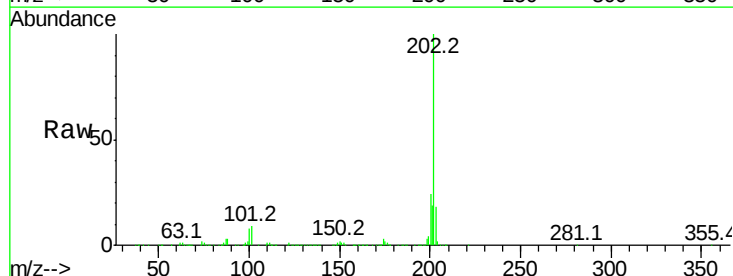
RT: 19.81 min Scan# 2813

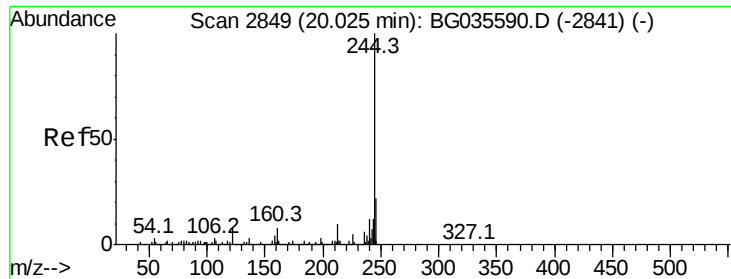
Delta R.T. 0.00 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

Tgt Ion:	202	Resp:	916116
Ion Ratio	Lower	Upper	
202	100		
200	23.7	16.9	25.3
203	18.2	13.9	20.9





#78

Terphenyl-d14

Concen: 89.225 ng

RT: 20.01 min Scan# 2847

Delta R.T. 0.00 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

Instrument :

BNA_G

ClientSampleId :

PB111228BSD

Tot Ion:244 Resp: 1316819

Ion Ratio Lower Upper

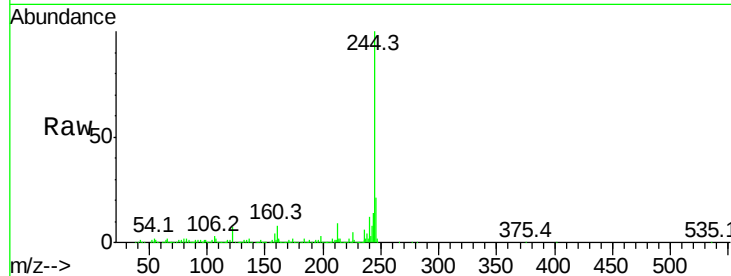
244 100

212 9.0 5.8 8.8#

122 6.7 7.0 10.4#

Manual Integrations
APPROVED

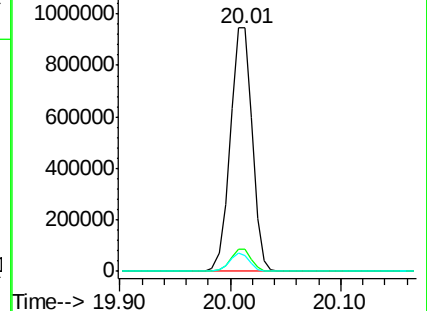
Sohil



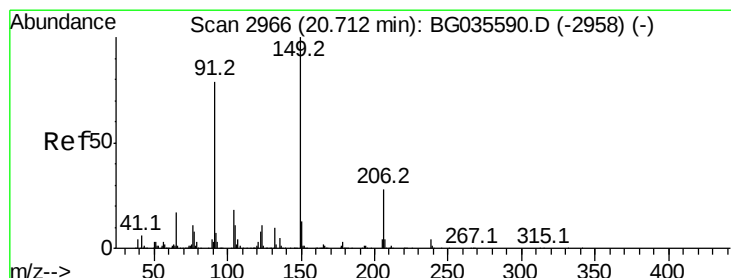
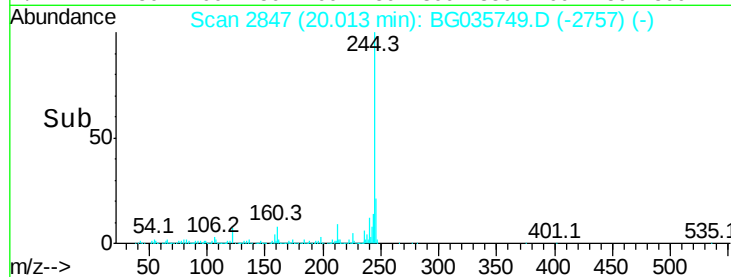
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



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#79

Butylbenzylphthalate

Concen: 47.509 ng

RT: 20.69 min Scan# 2963

Delta R.T. -0.01 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

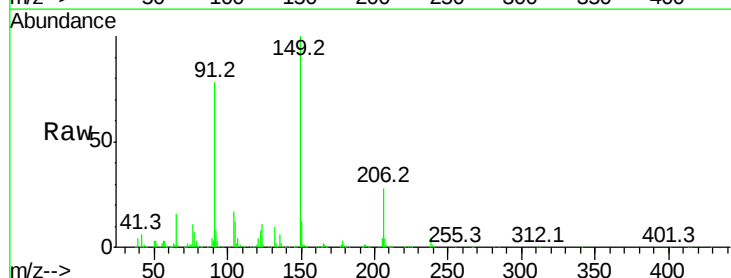
Tgt Ion:149 Resp: 349481

Ion Ratio Lower Upper

149 100

91 77.6 62.2 93.2

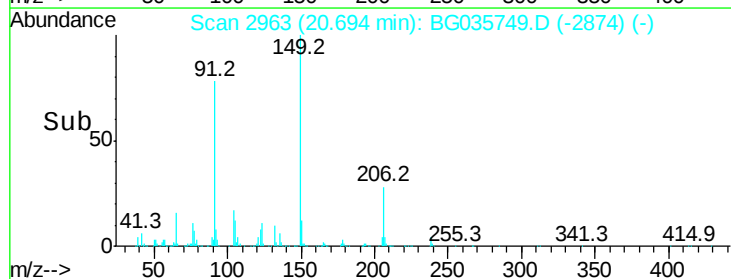
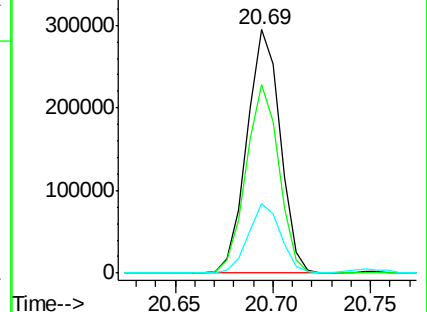
206 28.4 18.6 27.8#

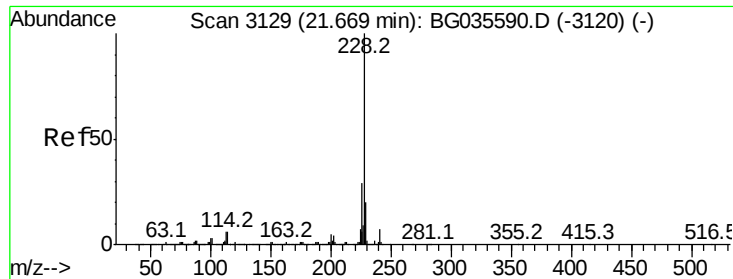


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





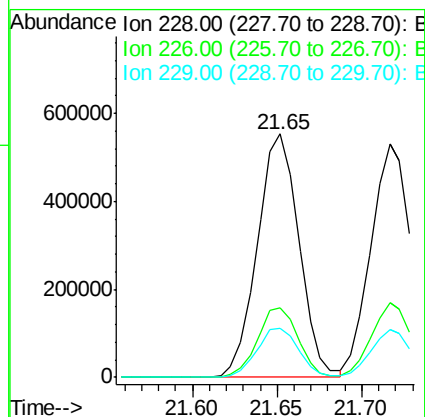
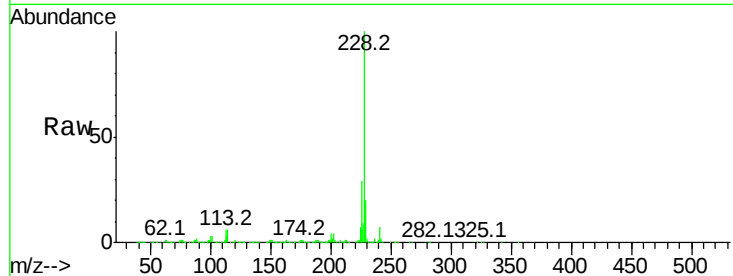
#80
Benzo(a)anthracene
Concen: 46.692 ng
RT: 21.65 min Scan# 3126
Delta R.T. 0.00 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

Instrument :
BNA_G
ClientSampleId :
PB111228BSD

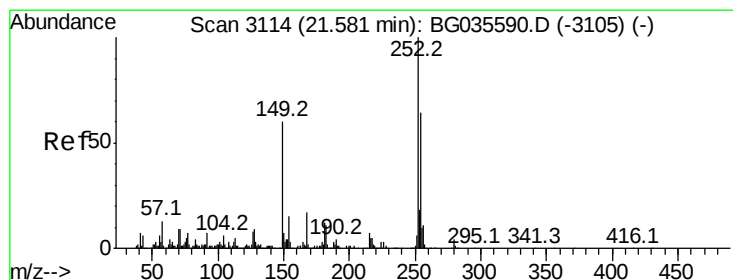
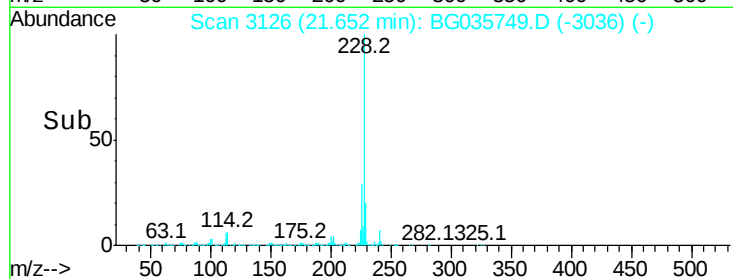
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.7	34.1
229	20.4	16.2	24.2

Manual Integrations
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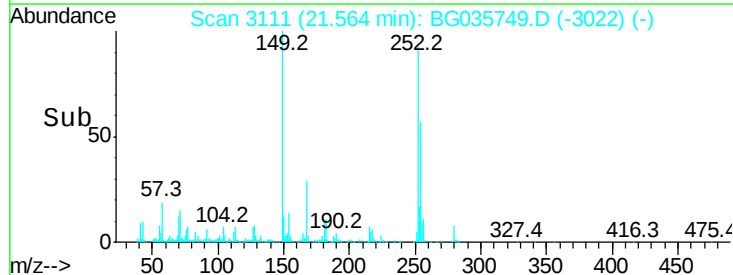
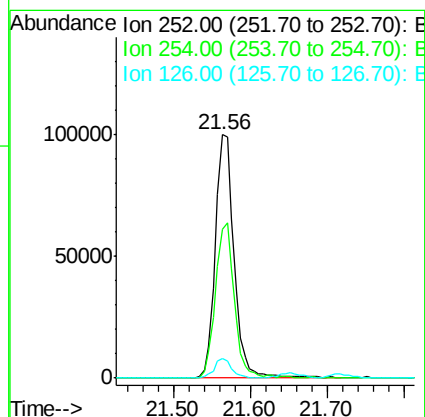
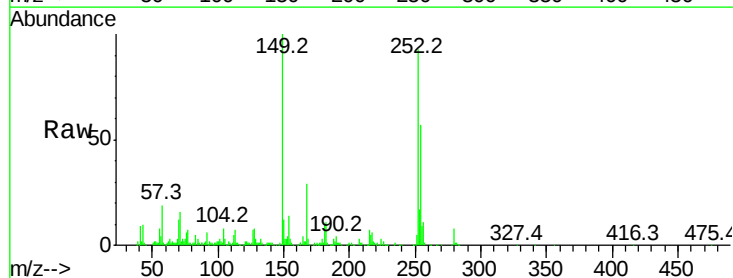


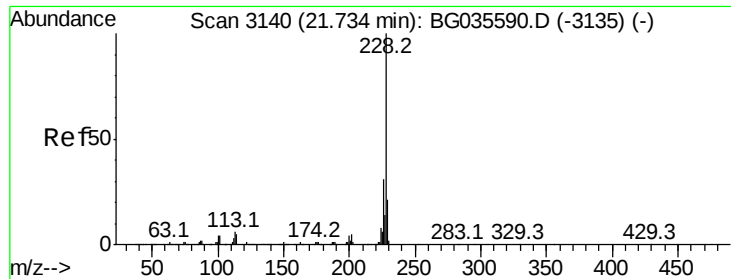
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#81
3,3'-Dichlorobenzidine
Concen: 23.758 ng
RT: 21.56 min Scan# 3111
Delta R.T. -0.01 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.3	50.8	76.2
126	7.9	7.4	11.2





#82

Chrysene

Concen: 47.048 ng

RT: 21.72 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

Instrument :

BNA_G

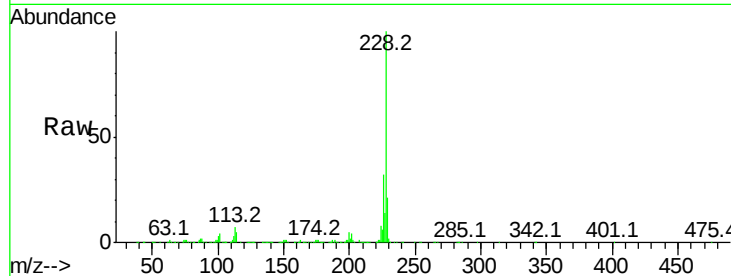
ClientSampleId :

PB111228BSD

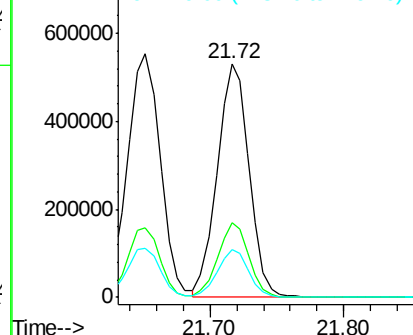
Tot Ion:	228	Resp:	883876
Ion Ratio	Lower	Upper	
228	100		
226	31.8	24.9	37.3
229	20.7	15.0	22.4

Manual Integrations
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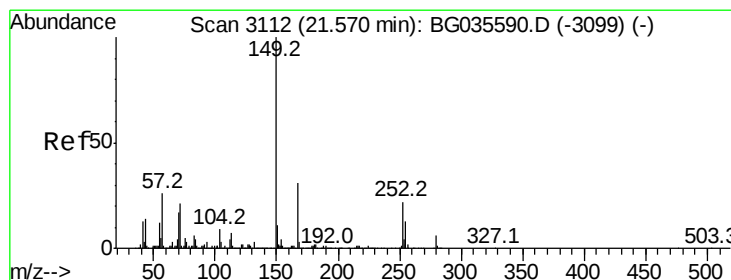
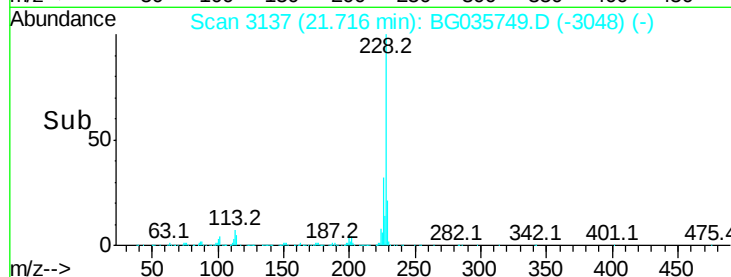
Sohil



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



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#83

Bis(2-ethylhexyl)phthalate

Concen: 48.600 ng

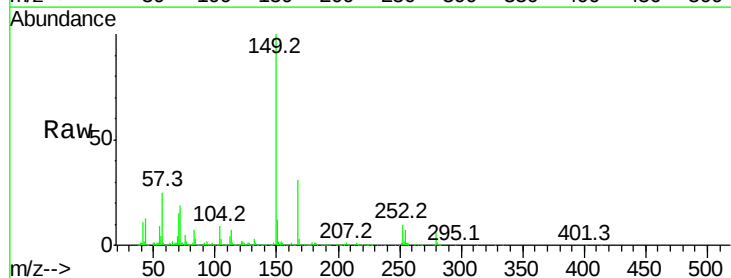
RT: 21.55 min Scan# 3109

Delta R.T. 0.00 min

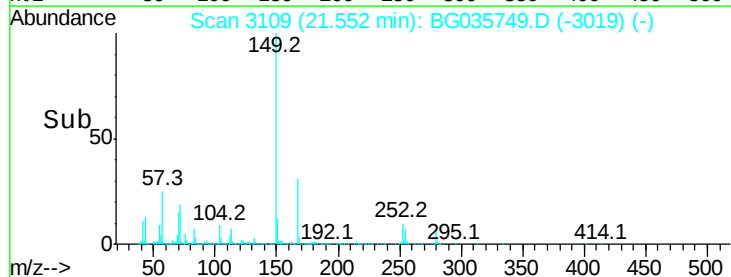
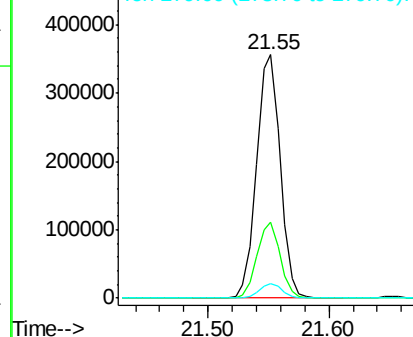
Lab File: BG035749.D

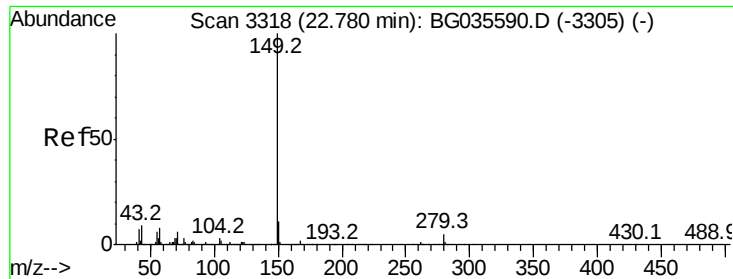
Acq: 19 Jul 2018 12:05

Tgt Ion:	149	Resp:	486032
Ion Ratio	Lower	Upper	
149	100		
167	30.9	24.3	36.5
279	6.0	4.0	6.0#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 49.255 ng

RT: 22.76 min Scan# 3314

Delta R.T. 0.00 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

Instrument :

BNA_G

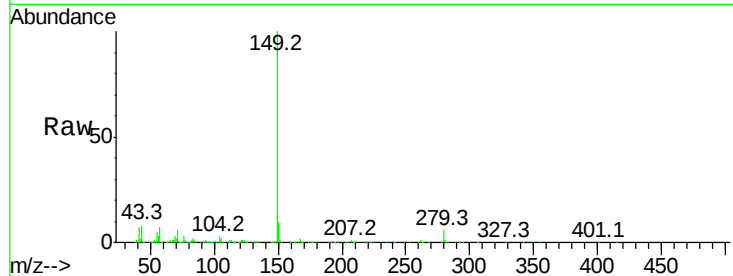
ClientSampleId :

PB111228BSD

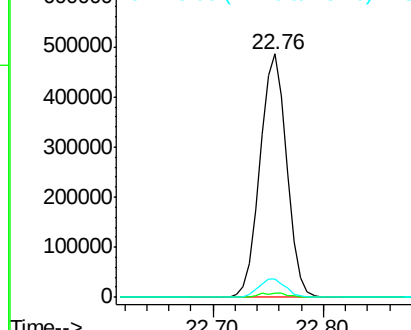
Tot Ion:	149	Resp:	824763
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.4	2.0
43	7.7	8.9	13.3#

Manual Integrations
APPROVED

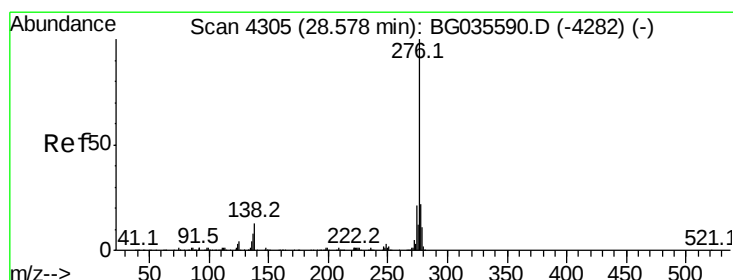
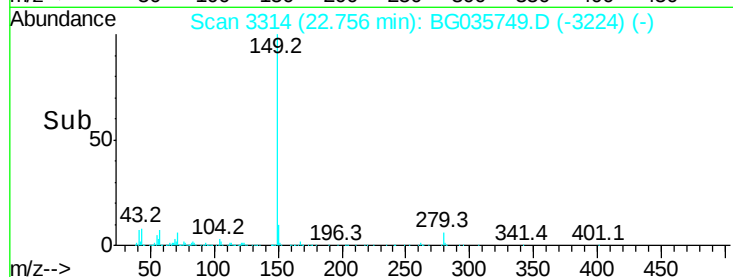
Sohil



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B



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#85

Indeno(1,2,3-cd)pyrene

Concen: 49.632 ng

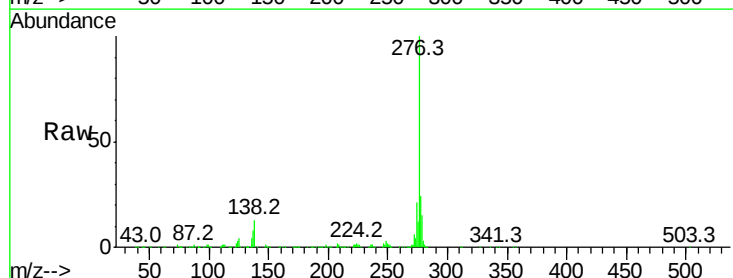
RT: 28.54 min Scan# 4298

Delta R.T. -0.01 min

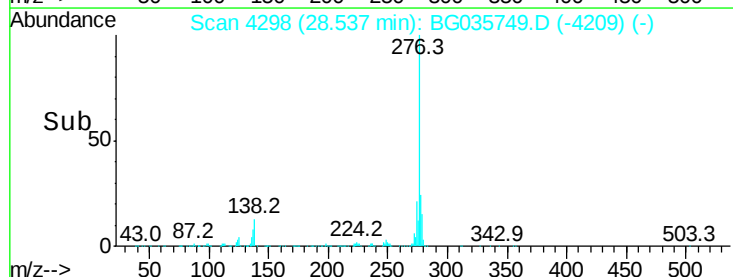
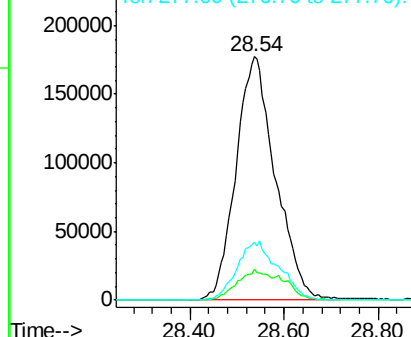
Lab File: BG035749.D

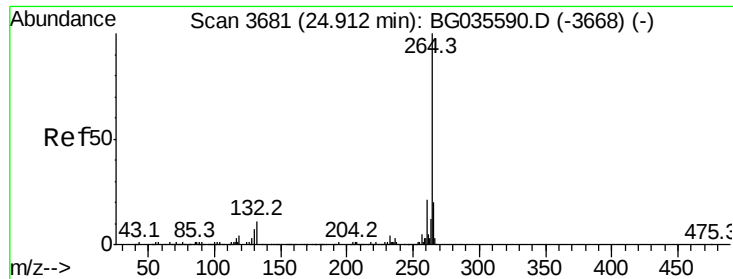
Acq: 19 Jul 2018 12:05

Tgt Ion:	276	Resp:	1032303
Ion Ratio	Lower	Upper	
276	100		
138	9.7	16.0	24.0#
277	25.4	20.0	30.0



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





#86

Pervlene-d12

Concen: 20.000 ng

RT: 24.88 min Scan# 3675

Delta R.T. -0.01 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

Instrument :

BNA_G

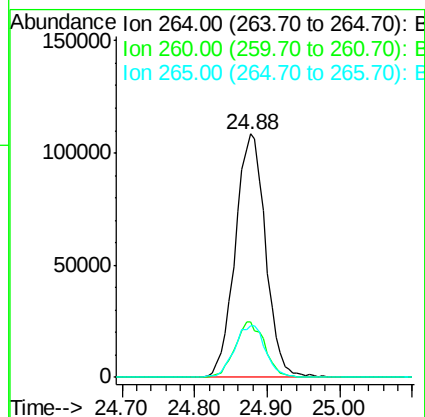
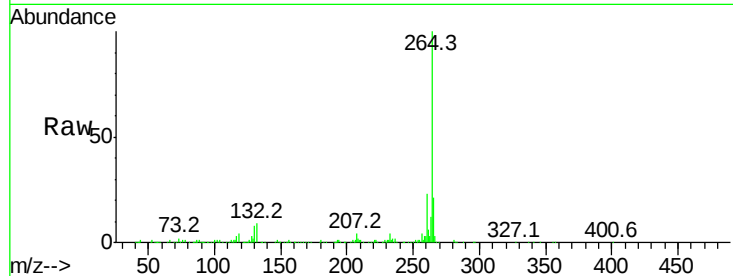
ClientSampleId :

PB111228BSD

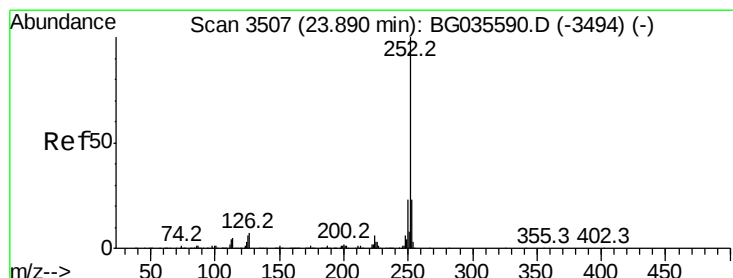
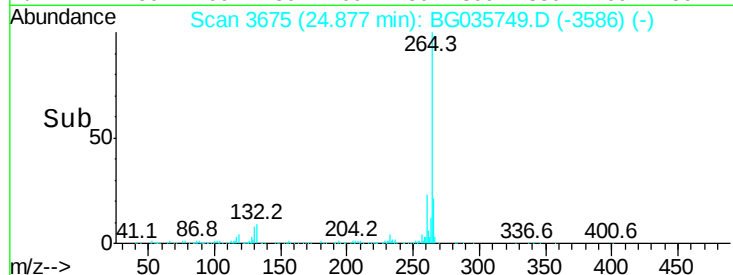
Tot Ion:	264	Resp:	314415
Ion Ratio	Lower	Upper	
264	100		
260	22.7	17.4	26.0
265	21.5	17.7	26.5

Manual Integrations
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Sohil



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#87

Benzo(b)fluoranthene

Concen: 48.226 ng

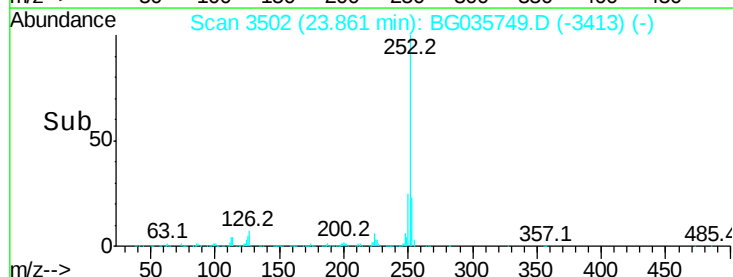
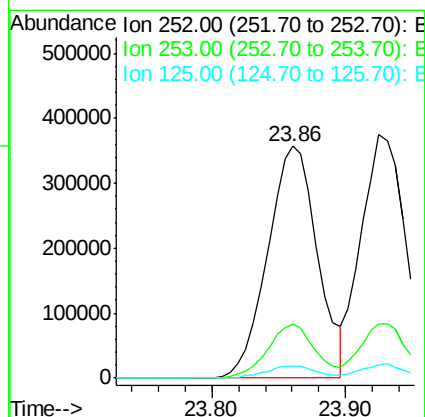
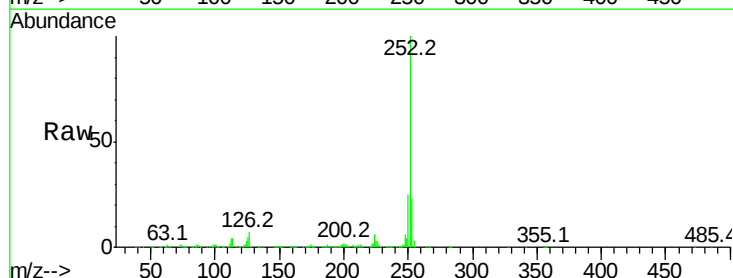
RT: 23.86 min Scan# 3502

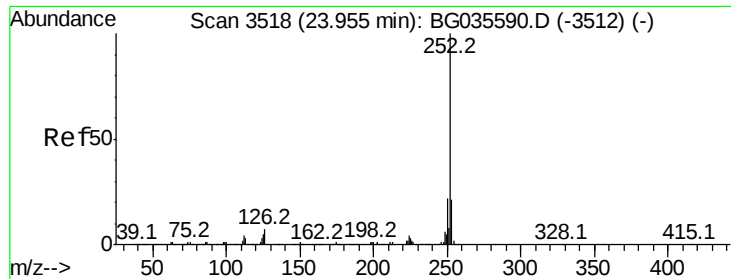
Delta R.T. -0.01 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

Tgt Ion:	252	Resp:	921593
Ion Ratio	Lower	Upper	
252	100		
253	23.4	18.2	27.4
125	5.2	7.2	10.8#





#88

Benzo(k)fluoranthene

Concen: 45.916 ng

RT: 23.93 min Scan# 3513

Delta R.T. -0.01 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

Instrument :

BNA_G

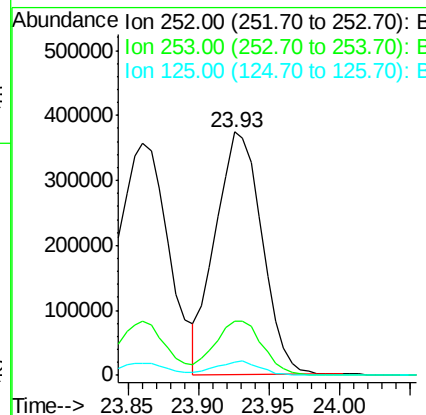
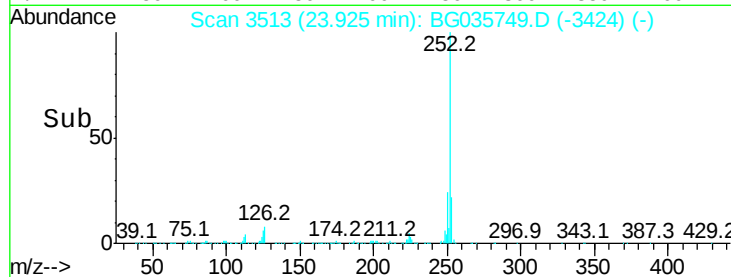
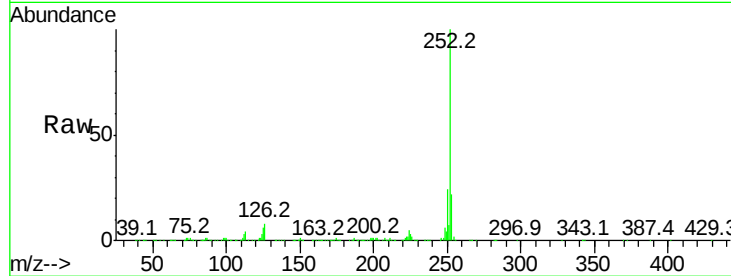
ClientSampleId :

PB111228BSD

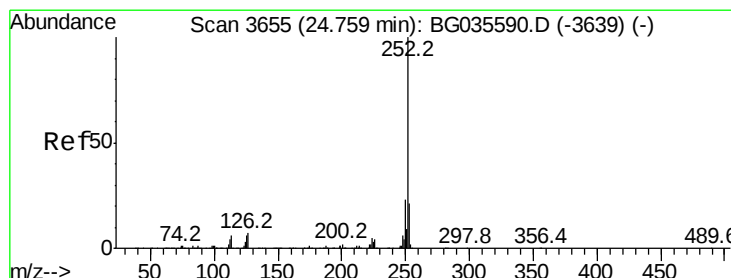
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	5.6	6.6	9.8

Manual Integrations
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Sohil



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#89

Benzo(a)pyrene

Concen: 49.499 ng

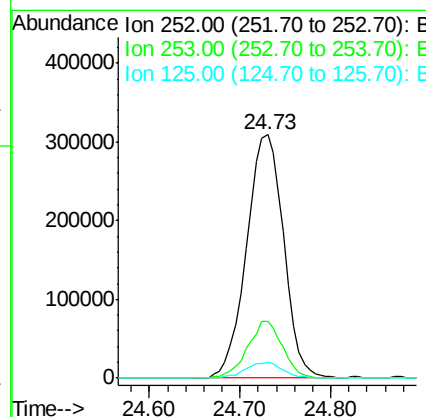
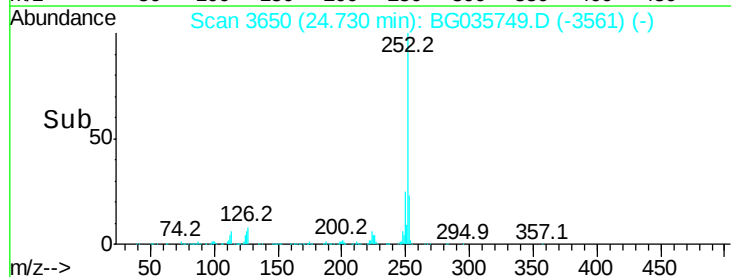
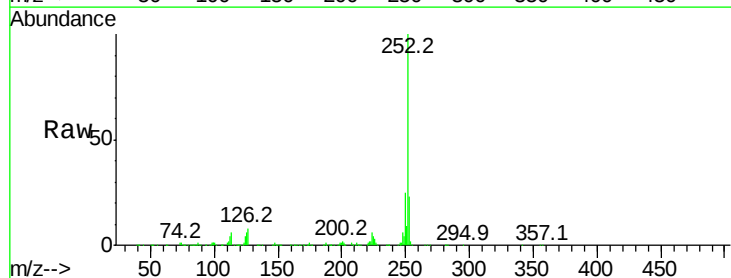
RT: 24.73 min Scan# 3650

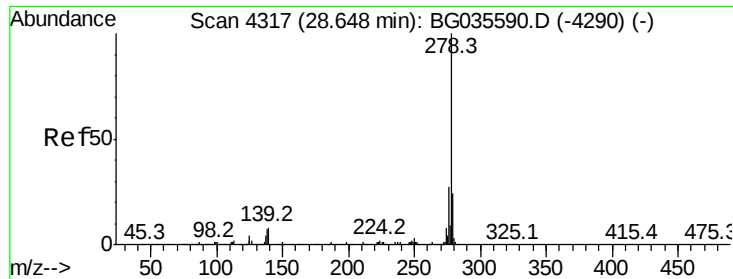
Delta R.T. -0.01 min

Lab File: BG035749.D

Acq: 19 Jul 2018 12:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.3	27.5
125	6.4	7.3	10.9





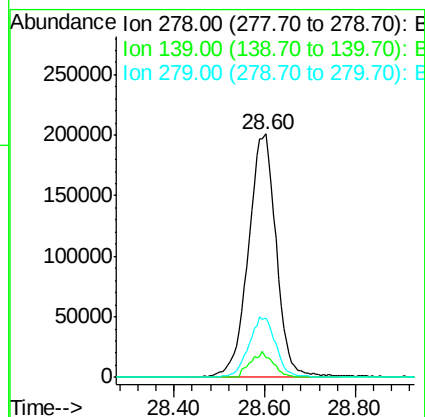
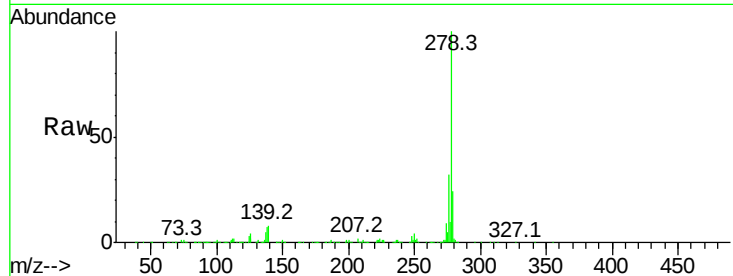
#90
Dibenzo(a,h)anthracene
Concen: 49.042 ng
RT: 28.60 min Scan# 4309
Delta R.T. -0.01 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

Instrument :
BNA_G
ClientSampleId :
PB111228BSD

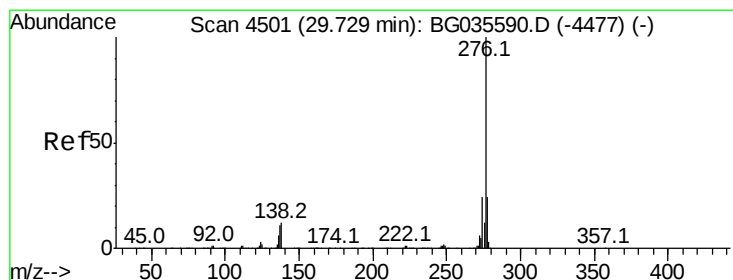
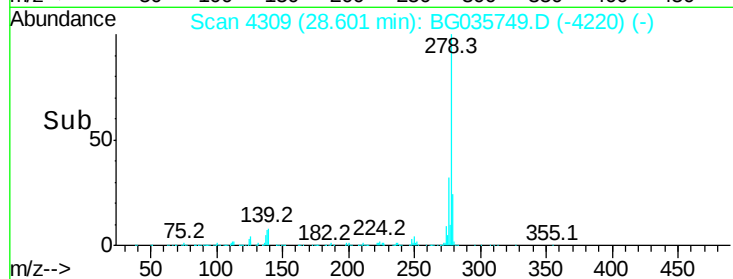
Tot Ion	Ratio	Lower	Upper
278	100		
139	8.3	9.8	14.6#
279	24.2	18.4	27.6

Manual Integrations
APPROVED

Sohil



7/19/2018 3:45:32 PM



#91
Benzo(g,h,i)perylene
Concen: 49.673 ng
RT: 29.68 min Scan# 4493
Delta R.T. -0.01 min
Lab File: BG035749.D
Acq: 19 Jul 2018 12:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.3	27.5
138	12.2	13.9	20.9#

