

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080818\
 Data File : BG036231.D
 Acq On : 9 Aug 2018 13:43
 Operator : JU/SJ
 Sample : PB111883BSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111883BSD

Manual Integrations
 APPROVED

Sohil
 8/9/2018 3:17:10 PM

Quant Time: Aug 09 15:05:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	28192	20.00	ng	-0.01
21) Naphthalene-d8	10.81	136	109633	20.00	ng	-0.03
38) Acenaphthene-d10	14.63	164	78365	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	234576	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	262095	20.00	ng	-0.01
86) Perylene-d12	24.83	264	248507	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	237486	139.86	ng	0.00
7) Phenol-d6	7.19	99	335842	132.56	ng	0.00
23) Nitrobenzene-d5	9.17	82	225313	85.85	ng	-0.01
41) 2,4,6-Tribromophenol	16.13	330	173012	167.50	ng	-0.01
44) 2-Fluorobiphenyl	13.26	172	515828	88.19	ng	-0.02
78) Terphenyl-d14	19.99	244	1104479	92.89	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.50	88	29005	33.560	ng	# 75
3) Pyridine	3.90	79	75843	33.615	ng	# 69
4) n-Nitrosodimethylamine	3.82	42	34995	36.123	ng	# 82
6) Aniline	7.33	93	104841	31.927	ng	98
8) 2-Chlorophenol	7.58	128	79335	45.937	ng	94
9) Benzaldehyde	7.15	77	44586	28.682	ng	97
10) Phenol	7.21	94	114262	44.641	ng	91
11) bis(2-Chloroethyl)ether	7.43	93	79741	39.780	ng	90
12) 1,3-Dichlorobenzene	7.90	146	93342	44.756	ng	94
13) 1,4-Dichlorobenzene	8.04	146	90902	42.898	ng	94
14) 1,2-Dichlorobenzene	8.36	146	87967	43.213	ng	97
15) Benzyl Alcohol	8.25	79	87001	37.816	ng	88
16) 2,2'-oxybis(1-Chloropropan	8.53	45	84899	50.519	ng	75
17) 2-Methylphenol	8.46	107	74381	42.741	ng	# 89
18) Hexachloroethane	9.09	117	34429	42.494	ng	# 79
19) n-Nitroso-di-n-propylamine	8.81	70	72739	34.095	ng	# 87
20) 3+4-Methylphenols	8.79	107	102522	42.466	ng	94
22) Acetophenone	8.83	105	136553	40.053	ng	# 92
24) Nitrobenzene	9.21	77	110539	41.882	ng	96
25) Isophorone	9.73	82	201987	41.461	ng	99
26) 2-Nitrophenol	9.93	139	46692	49.812	ng	# 85
27) 2,4-Dimethylphenol	9.98	122	79107	49.857	ng	89
28) bis(2-Chloroethoxy)methane	10.21	93	107931	40.206	ng	97
29) 2,4-Dichlorophenol	10.47	162	89779	49.568	ng	94
30) 1,2,4-Trichlorobenzene	10.67	180	101724	45.802	ng	99
31) Naphthalene	10.86	128	241658	42.315	ng	99
32) Benzoic acid	10.16	122	27584	25.824	ng	97
33) 4-Chloroaniline	10.98	127	64616	25.960	ng	95
34) Hexachlorobutadiene	11.14	225	80412	46.431	ng	99
35) Caprolactam	11.76	113	30752m	39.564	ng	
36) 4-Chloro-3-methylphenol	12.10	107	108496	44.689	ng	95
37) 2-Methylnaphthalene	12.46	142	186935	43.936	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	134295	45.404	ng	98
40) Hexachlorocyclopentadiene	12.80	237	156174	100.681	ng	92

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Sohil
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.07	196	86333	49.912	nq	94
43) 2,4,5-Trichlorophenol	13.16	196	91872	47.479	nq	92
45) 1,1'-Biphenyl	13.47	154	261779	43.087	nq	98
46) 2-Chloronaphthalene	13.51	162	209309	44.290	nq	99
47) 2-Nitroaniline	13.72	65	74392	44.526	nq	99
48) Acenaphthylene	14.35	152	342475	43.262	nq	97
49) Dimethylphthalate	14.09	163	289594	42.178	nq	99
50) 2,6-Dinitrotoluene	14.21	165	67421	48.221	nq	93
51) Acenaphthene	14.70	154	200394	40.637	nq	96
52) 3-Nitroaniline	14.55	138	47557	33.279	nq #	94
53) 2,4-Dinitrophenol	14.76	184	60211	83.436	nq #	65
54) Dibenzofuran	15.03	168	343803	43.837	nq	93
55) 4-Nitrophenol	14.87	139	79215	77.838	nq #	82
56) 2,4-Dinitrotoluene	15.00	165	101430	50.567	nq #	87
57) Fluorene	15.68	166	285092	43.371	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.26	232	99522	53.642	nq	90
59) Diethylphthalate	15.45	149	291611	41.305	nq	97
60) 4-Chlorophenyl-phenylether	15.67	204	168335	43.571	nq	97
61) 4-Nitroaniline	15.71	138	64929	43.436	nq #	78
62) Azobenzene	15.96	77	289970	41.639	nq	96
64) 4,6-Dinitro-2-methylphenol	15.76	198	60597	46.406	nq	84
65) n-Nitrosodiphenylamine	15.89	169	261617	39.182	nq	99
66) 4-Bromophenyl-phenylether	16.56	248	117420	43.146	nq	96
67) Hexachlorobenzene	16.69	284	119985	42.812	nq	94
68) Atrazine	16.83	200	127104	46.235	nq	96
69) Pentachlorophenol	17.03	266	115798	67.835	nq	99
70) Phenanthrene	17.42	178	494091	42.212	nq	99
71) Anthracene	17.52	178	503329	43.186	nq	98
72) Carbazole	17.79	167	462283	41.766	nq	98
73) Di-n-butylphthalate	18.33	149	534941	40.898	nq #	98
74) Fluoranthene	19.43	202	691035	43.830	nq	96
76) Benzidine	19.61	184	212073	30.777	nq	97
77) Pyrene	19.79	202	683831	41.263	nq	99
79) Butylbenzylphthalate	20.67	149	251945	42.512	nq #	96
80) Benzo(a)anthracene	21.62	228	690482	42.275	nq	99
81) 3,3'-Dichlorobenzidine	21.54	252	189834	33.333	nq #	96
82) Chrysene	21.69	228	649757	42.930	nq	98
83) Bis(2-ethylhexyl)phthalate	21.52	149	346148	42.962	nq #	99
84) Di-n-octyl phthalate	22.71	149	582614	43.187	nq #	92
85) Indeno(1,2,3-cd)pyrene	28.46	276	716554	42.761	nq #	87
87) Benzo(b)fluoranthene	23.82	252	647419	42.864	nq #	94
88) Benzo(k)fluoranthene	23.88	252	647230	43.831	nq #	97
89) Benzo(a)pyrene	24.68	252	637116	45.341	nq #	97
90) Dibenzo(a,h)anthracene	28.52	278	593018	42.987	nq #	94
91) Benzo(g,h,i)perylene	29.60	276	571225	42.315	nq #	91

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

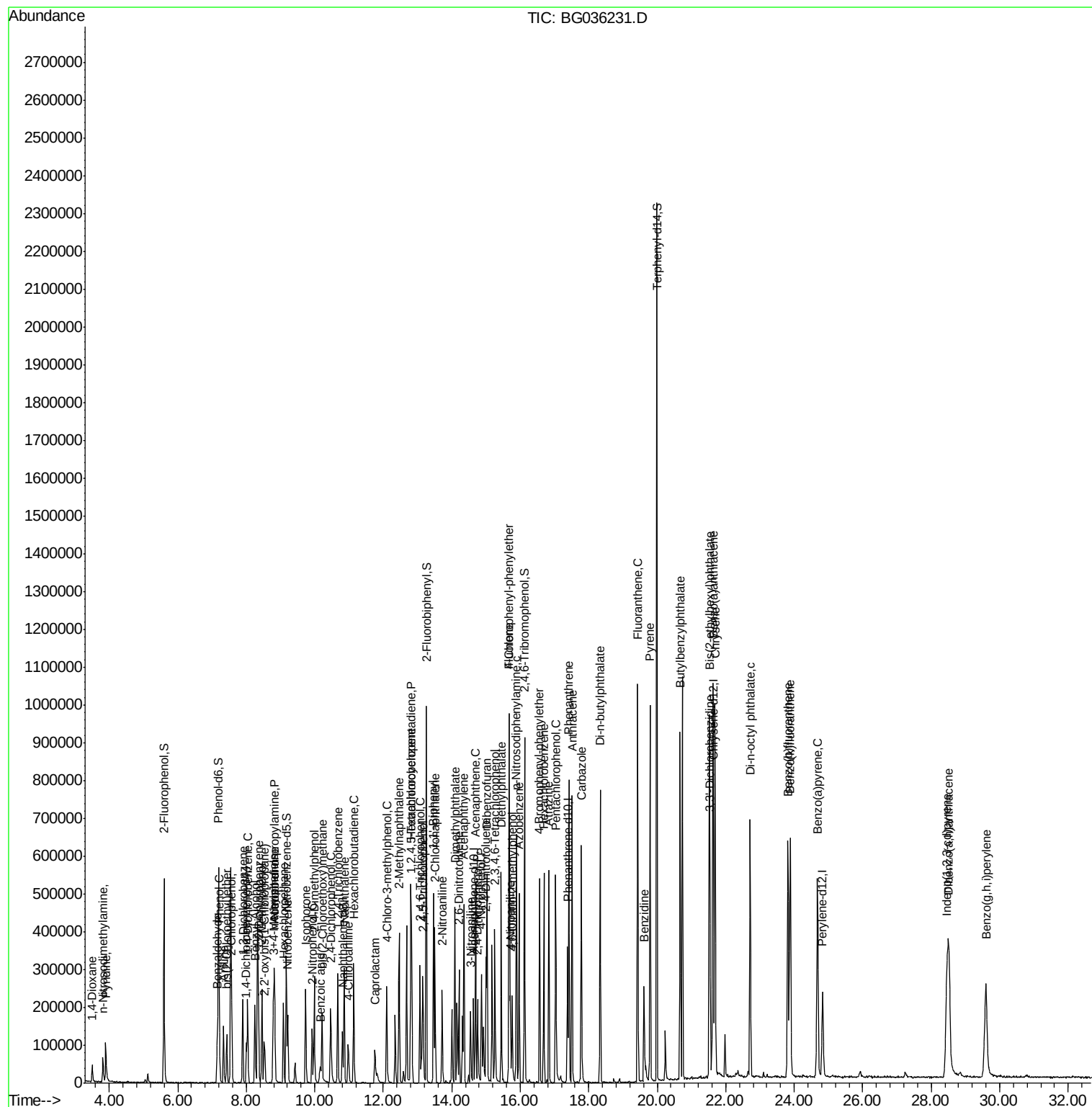
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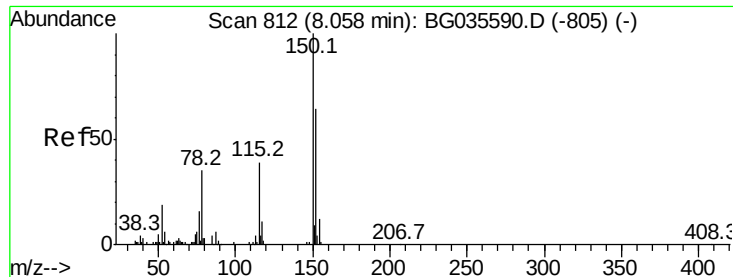
Instrument :
 BNA_G
 ClientSampleId :
 PB111883BSD

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#1

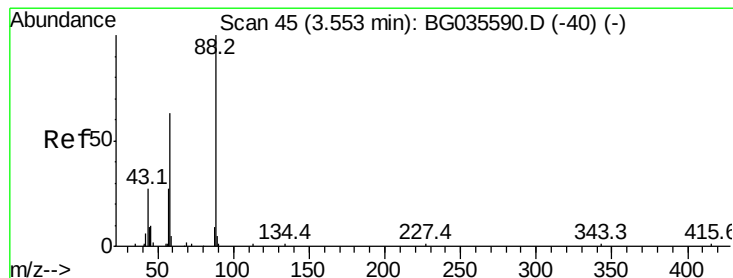
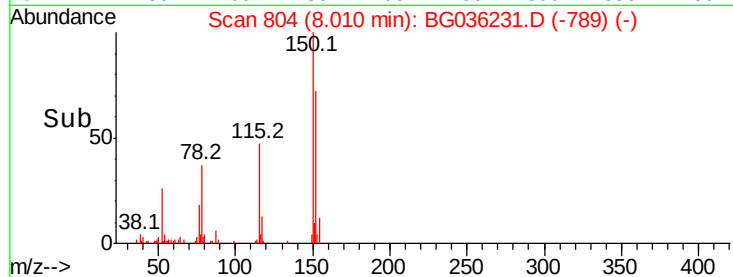
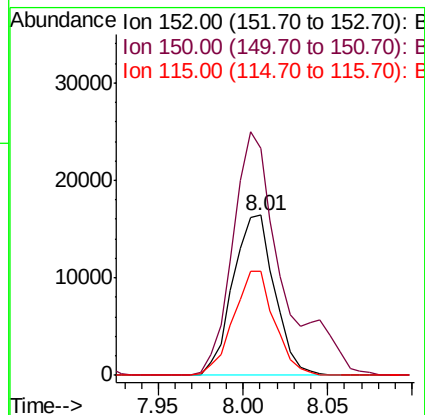
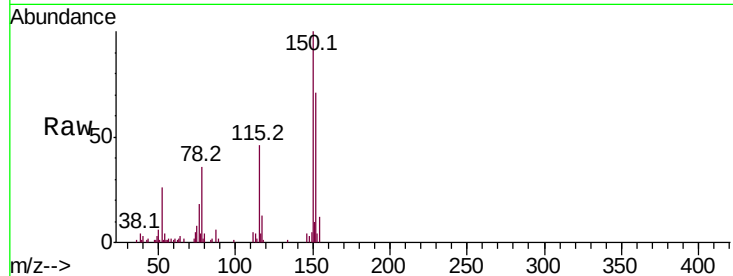
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.01 min
Lab File: BG036231.D
Acq: 9 Aug 2018 13:43

Instrument :
BNA_G
ClientSampleId :
PB111883BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.3	126.6	189.8
115	64.8	53.0	79.4

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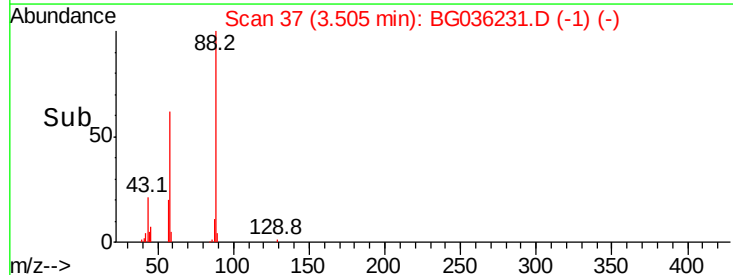
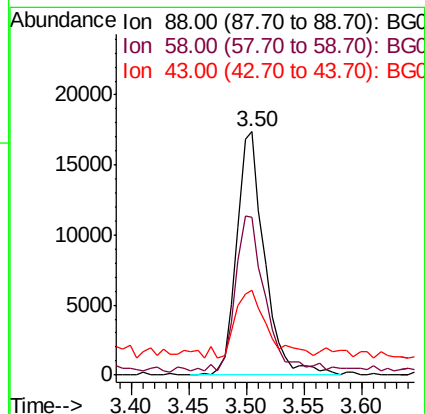
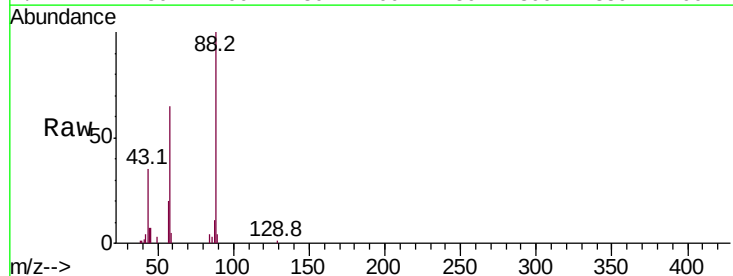
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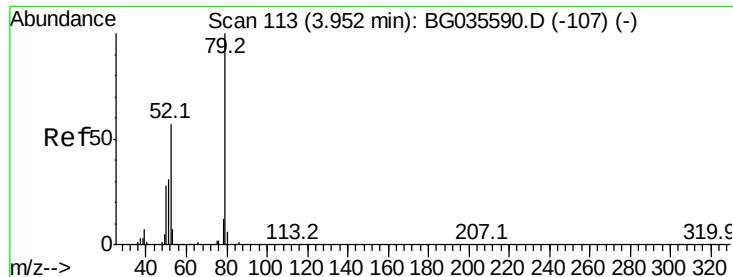


#2

1,4-Dioxane
Concen: 33.560 ng
RT: 3.50 min Scan# 37
Delta R.T. -0.02 min
Lab File: BG036231.D
Acq: 9 Aug 2018 13:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.1	79.6	119.4#
43	32.4	27.4	41.0





#3

Pvridine

Concen: 33.615 ng

RT: 3.90 min Scan# 104

Delta R.T. -0.02 min

Lab File: BG036231.D

Acq: 9 Aug 2018 13:43

Instrument :

BNA_G

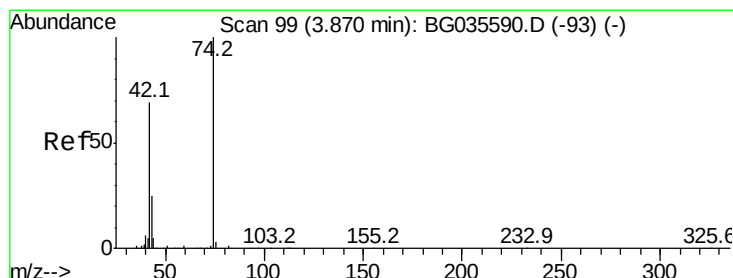
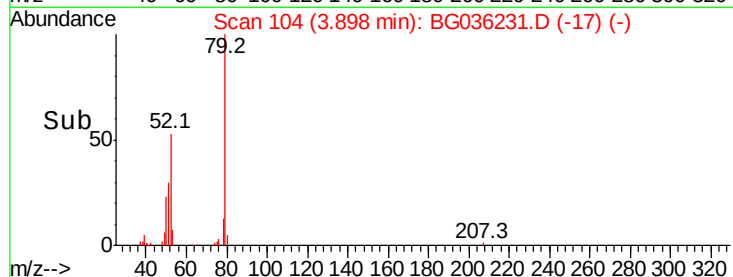
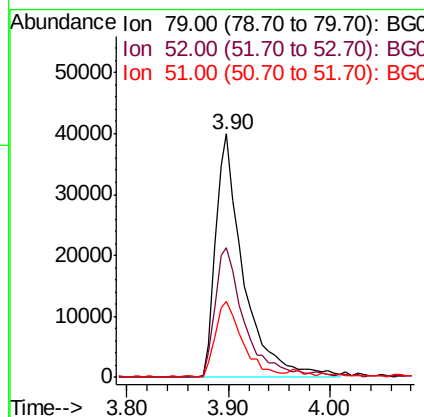
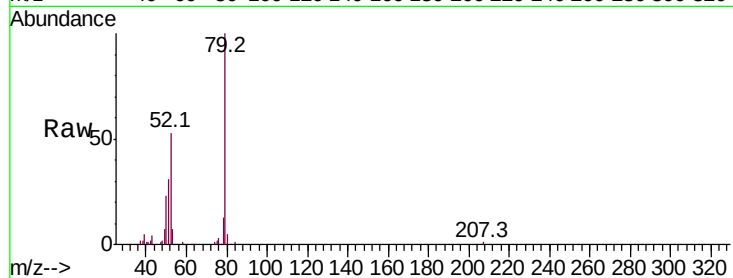
ClientSampleId :

PB111883BSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	53.4	69.9	104.9#
51	31.1	34.0	51.0#

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#4

n-Nitrosodimethylamine

Concen: 36.123 ng

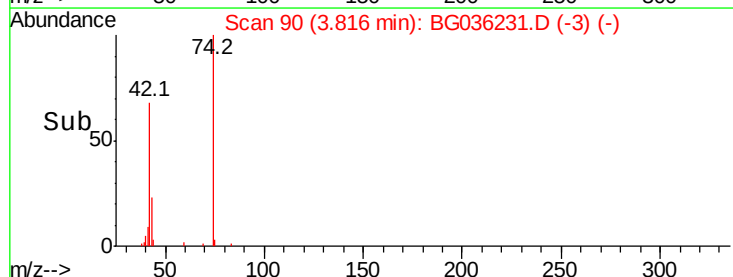
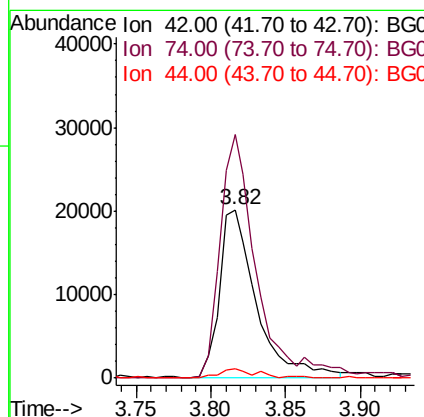
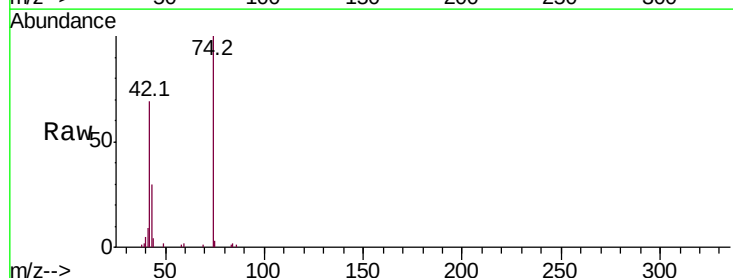
RT: 3.82 min Scan# 90

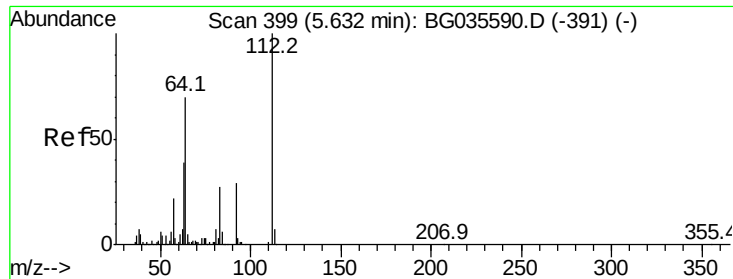
Delta R.T. -0.02 min

Lab File: BG036231.D

Acq: 9 Aug 2018 13:43

Tgt Ion	Ratio	Lower	Upper
42	100		
74	144.8	102.5	153.7
44	5.7	18.9	28.3#





#5

2-Fluorophenol

Concen: 139.856 ng

RT: 5.60 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG036231.D

Acq: 9 Aug 2018 13:43

Instrument :

BNA_G

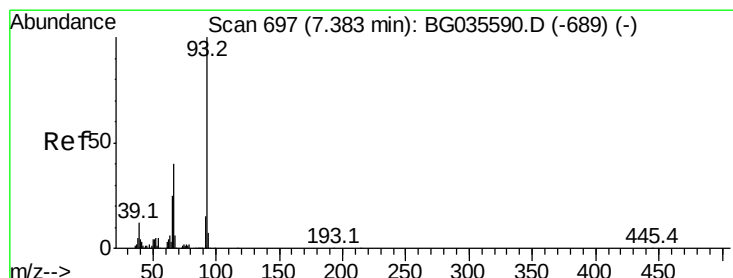
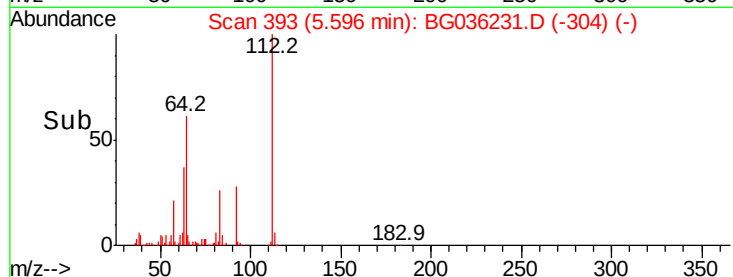
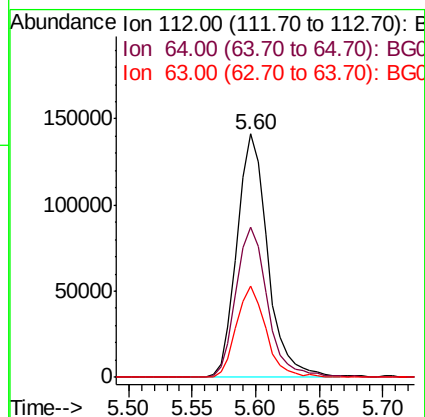
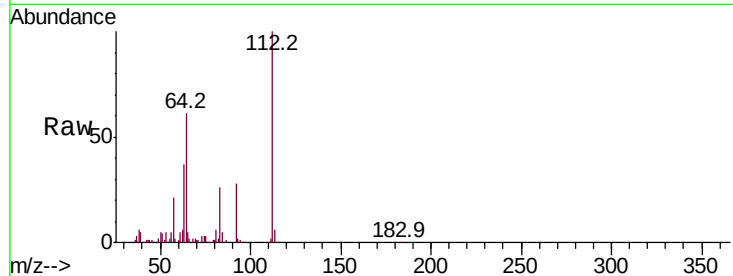
ClientSampleId :

PB111883BSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	237486		
64	61.5	56.3	84.5	
63	37.5	30.1	45.1	

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#6

Aniline

Concen: 31.927 ng

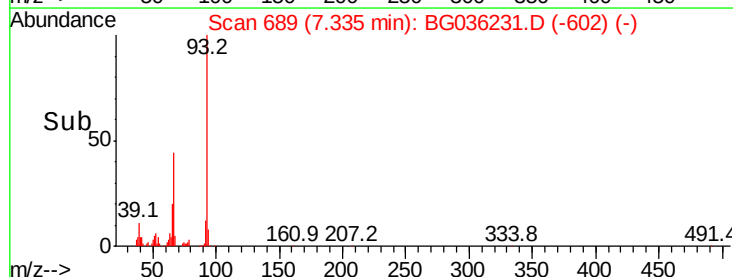
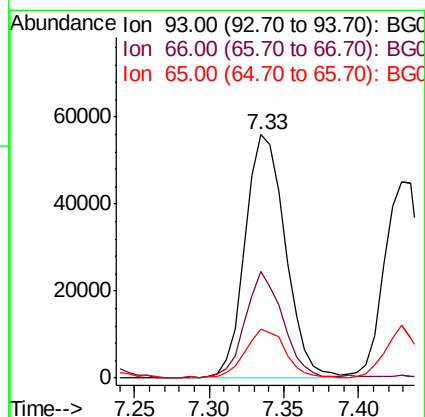
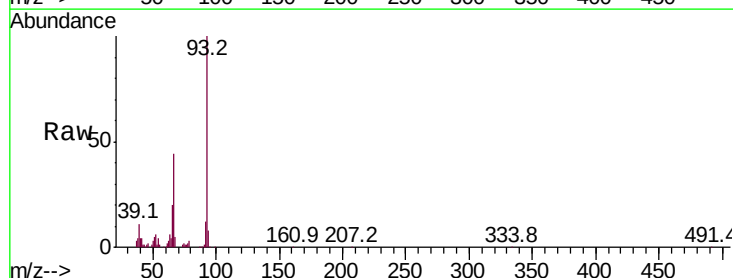
RT: 7.33 min Scan# 689

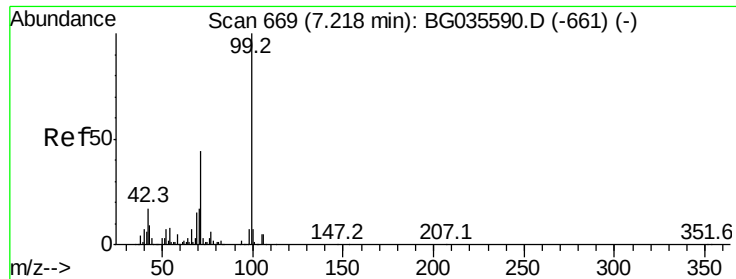
Delta R.T. -0.02 min

Lab File: BG036231.D

Acq: 9 Aug 2018 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	104841		
66	44.0	33.7	50.5	
65	20.3	16.1	24.1	





#7

Phenol-d6

Concen: 132.560 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG036231.D

Acq: 9 Aug 2018 13:43

Instrument :

BNA_G

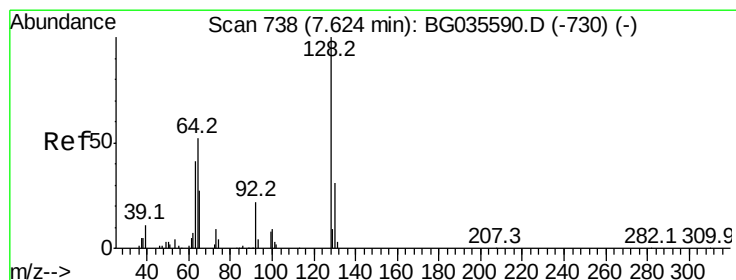
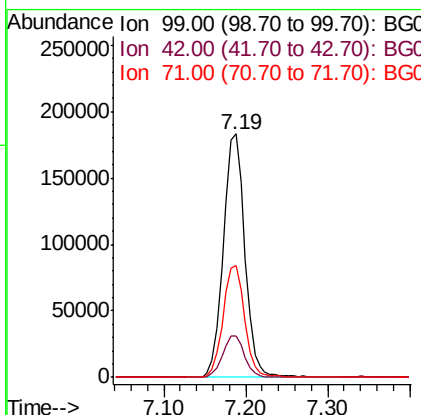
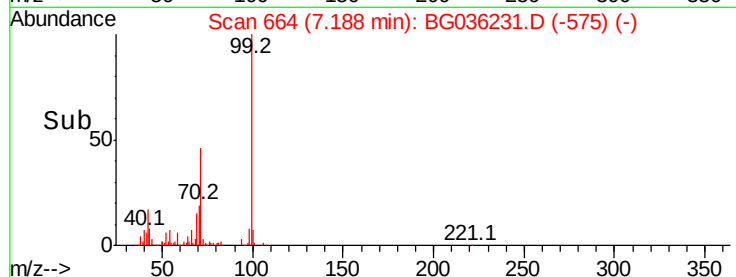
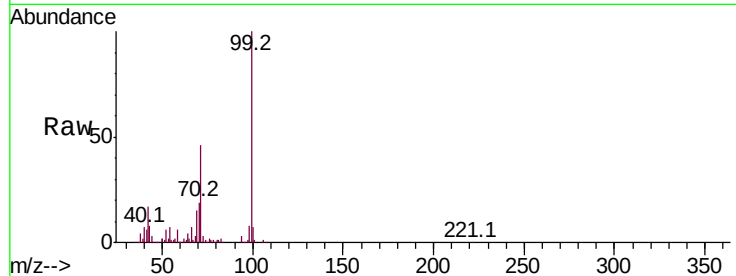
ClientSampleId :

PB111883BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		335842		
42	17.0	14.1	21.1		
71	46.0	26.1	39.1#		

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#8

2-Chlorophenol

Concen: 45.937 ng

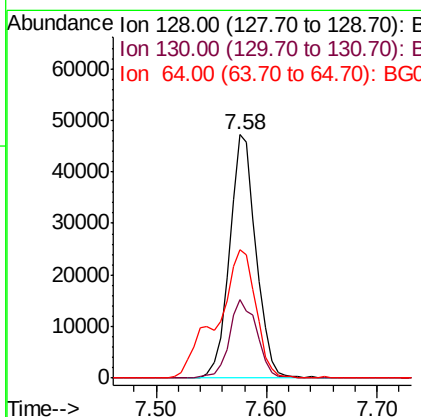
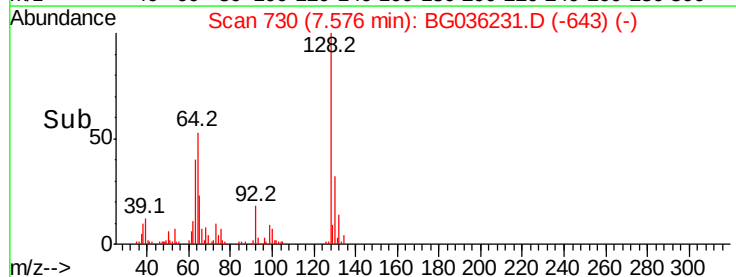
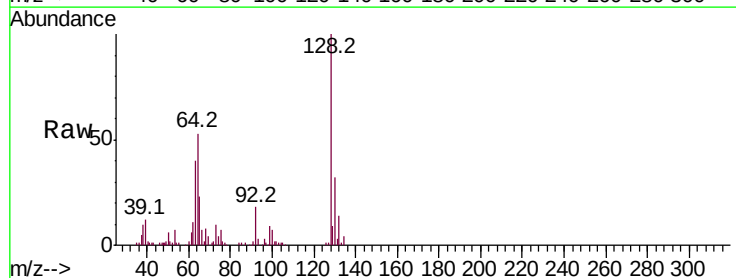
RT: 7.58 min Scan# 730

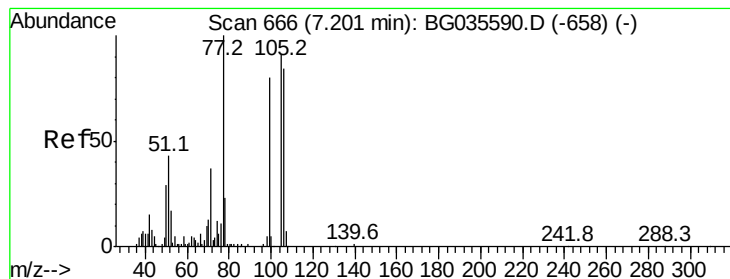
Delta R.T. -0.02 min

Lab File: BG036231.D

Acq: 9 Aug 2018 13:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		79335		
130	32.1	14.0	54.0		
64	52.6	37.7	77.7		





#9

Benzaldehyde

Concen: 28.682 ng

RT: 7.15 min Scan# 658

Delta R.T. -0.01 min

Lab File: BG036231.D

Acq: 9 Aug 2018 13:43

Instrument :

BNA_G

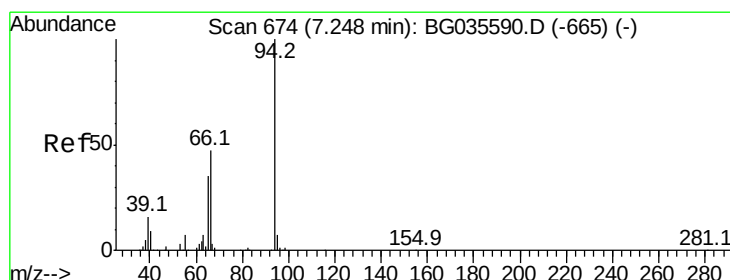
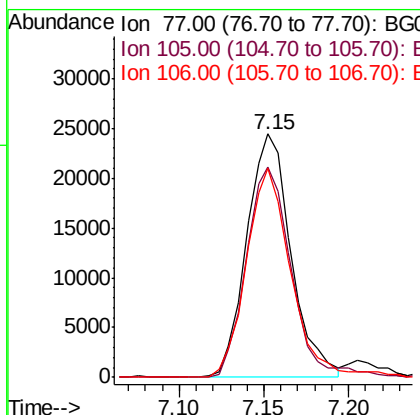
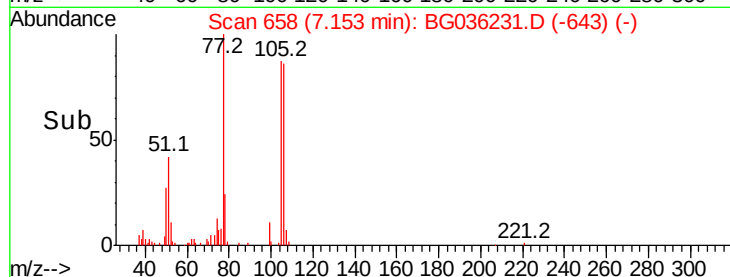
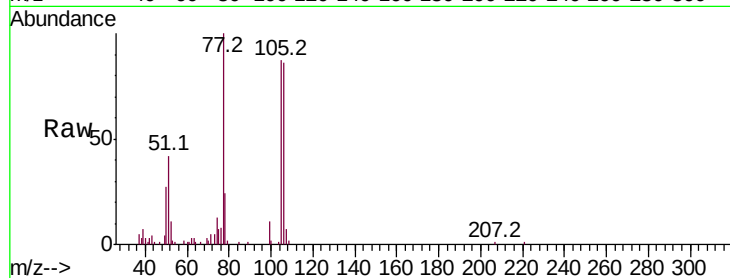
ClientSampleId :

PB111883BSD

Tot Ion:	77	Resp:	44586
Ion	Ratio	Lower	Upper
77	100		
105	86.6	71.3	111.3
106	85.8	64.2	104.2

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#10

Phenol

Concen: 44.641 ng

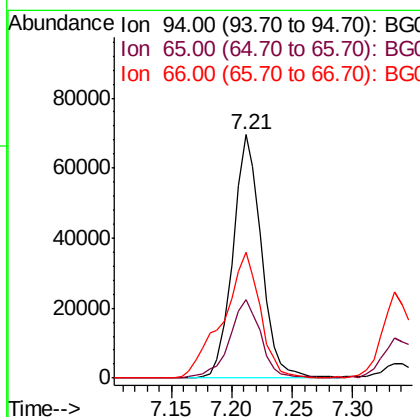
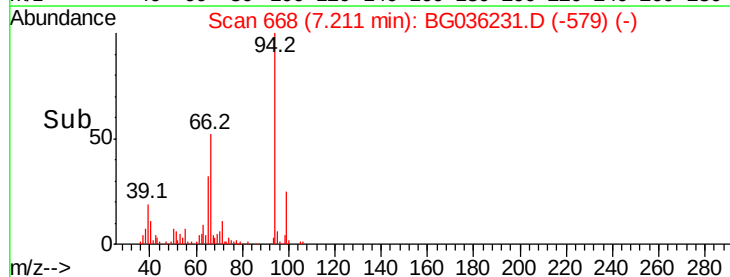
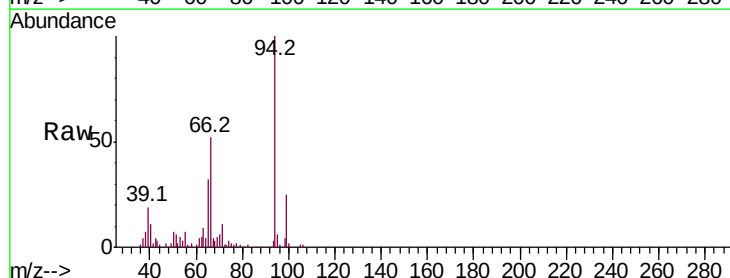
RT: 7.21 min Scan# 668

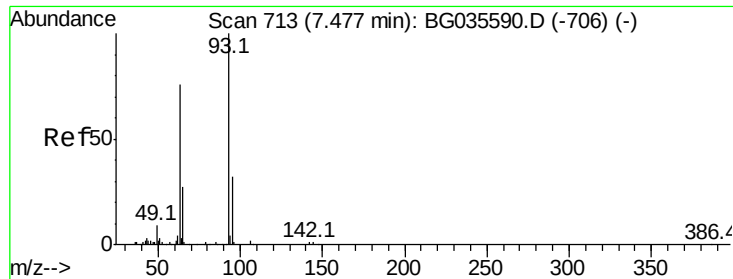
Delta R.T. -0.01 min

Lab File: BG036231.D

Acq: 9 Aug 2018 13:43

Tgt Ion:	94	Resp:	114262
Ion	Ratio	Lower	Upper
94	100		
65	32.3	11.9	51.9
66	51.6	22.2	62.2





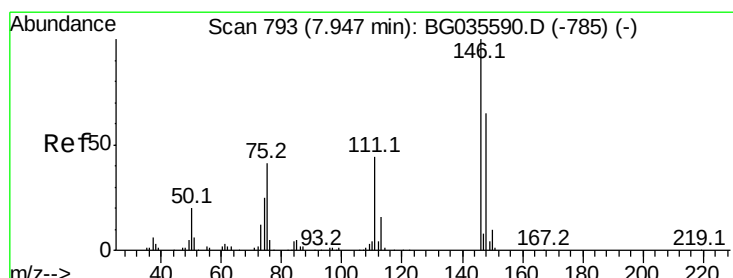
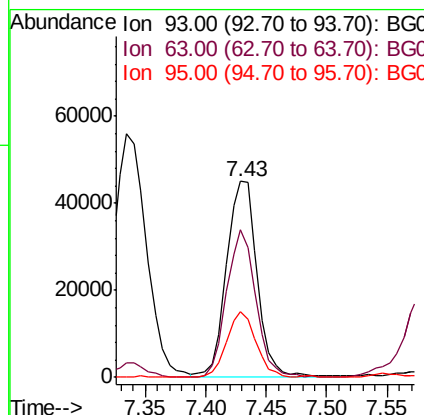
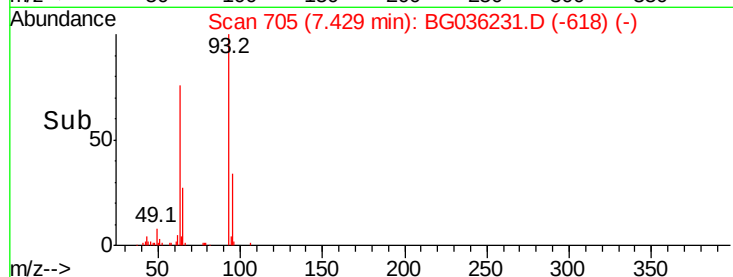
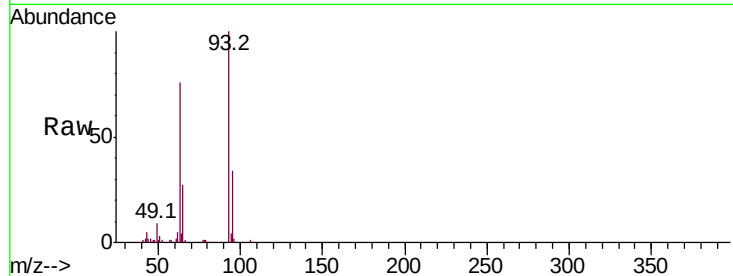
#11
bis(2-Chloroethyl)ether
Concen: 39.780 ng
RT: 7.43 min Scan# 705
Delta R.T. -0.02 min
Lab File: BG036231.D
Acq: 9 Aug 2018 13:43

Instrument :
BNA_G
ClientSampleId :
PB111883BSD

Tot Ion:	93	Resp:	79741
Ion Ratio	Lower	Upper	
93	100		
63	75.7	67.1	107.1
95	33.6	11.5	51.5

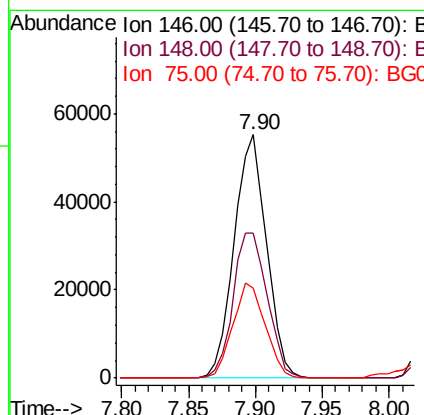
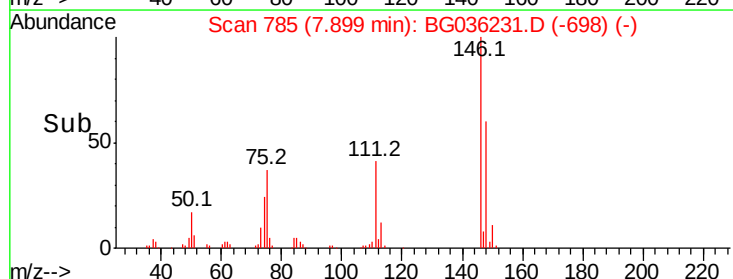
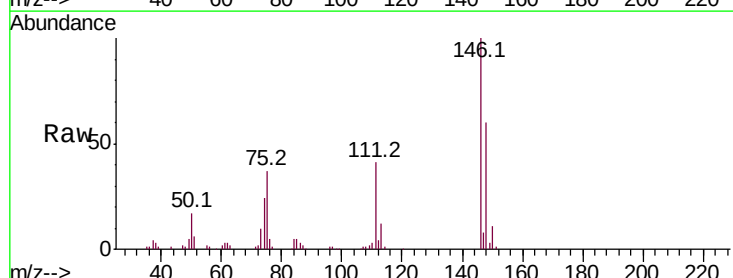
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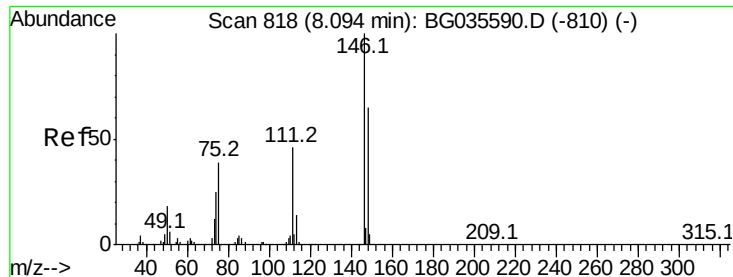
Sohil
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#12
1,3-Dichlorobenzene
Concen: 44.756 ng
RT: 7.90 min Scan# 785
Delta R.T. -0.02 min
Lab File: BG036231.D
Acq: 9 Aug 2018 13:43

Tgt Ion:	146	Resp:	93342
Ion Ratio	Lower	Upper	
146	100		
148	59.7	51.4	77.2
75	36.9	26.6	39.8





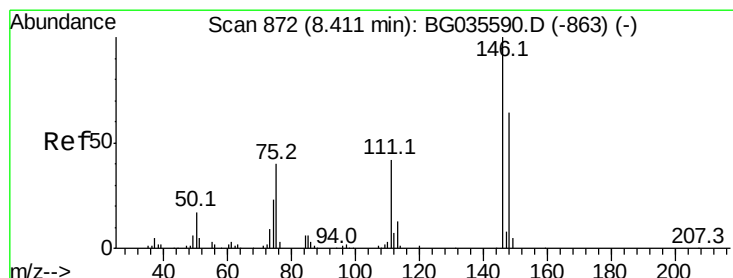
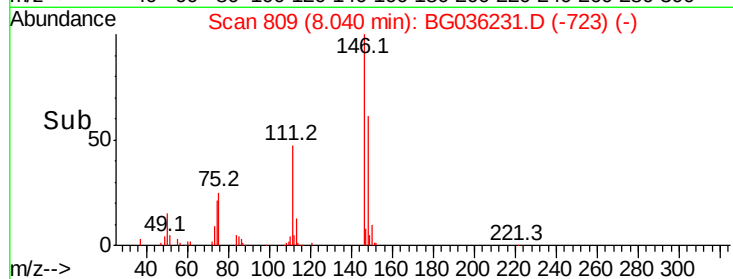
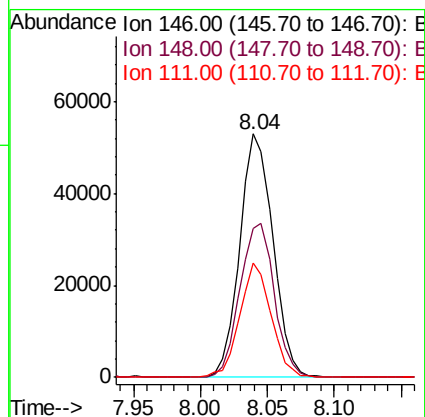
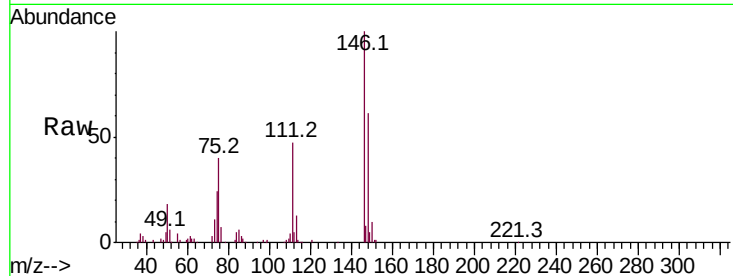
#13
 1,4-Dichlorobenzene
 Concen: 42.898 ng
 RT: 8.04 min Scan# 809
 Delta R.T. -0.03 min
 Lab File: BG036231.D
 Acq: 9 Aug 2018 13:43

Instrument :
 BNA_G
 ClientSampleId :
 PB111883BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.2	53.7	80.5
111	46.7	35.2	52.8

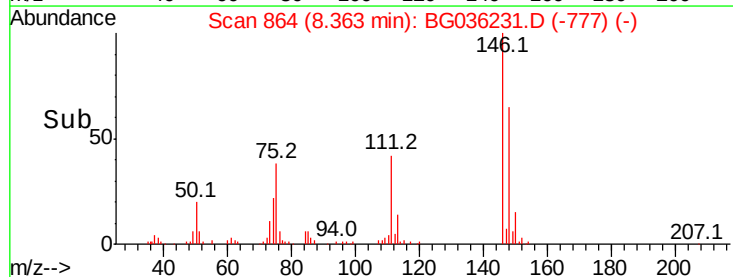
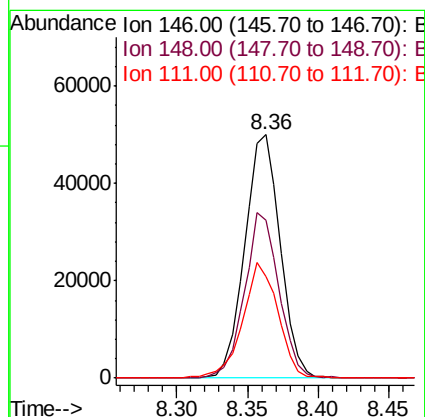
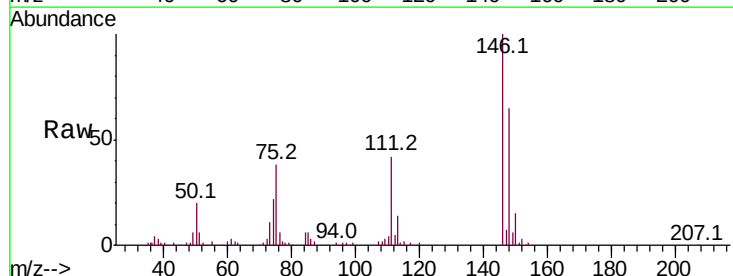
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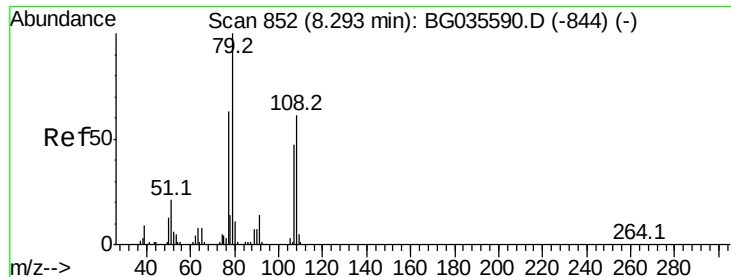
Sohil
 8/9/2018 3:17:10 PM



#14
 1,2-Dichlorobenzene
 Concen: 43.213 ng
 RT: 8.36 min Scan# 864
 Delta R.T. -0.02 min
 Lab File: BG036231.D
 Acq: 9 Aug 2018 13:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	49.3	73.9
111	41.6	34.3	51.5





#15

Benzyl Alcohol

Concen: 37.816 ng

RT: 8.25 min Scan# 845

Delta R.T. -0.01 min

Lab File: BG036231.D

Acq: 9 Aug 2018 13:43

Instrument :

BNA_G

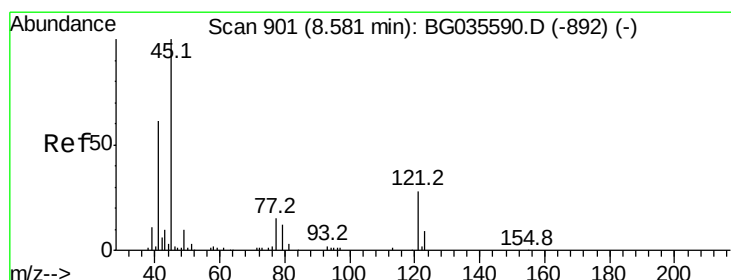
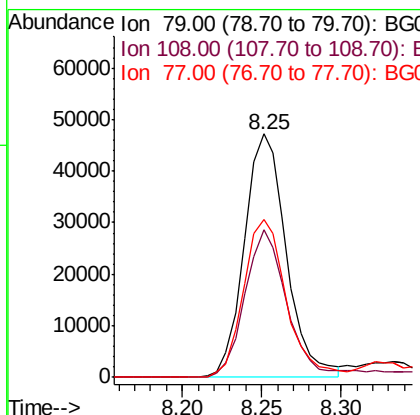
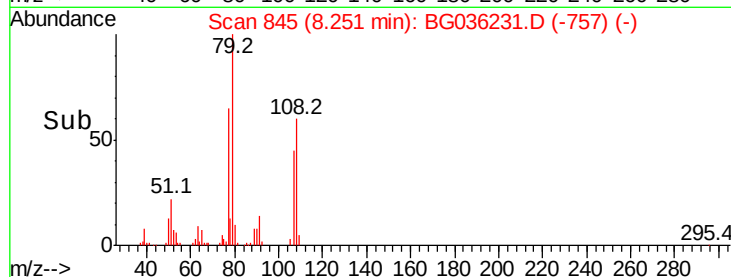
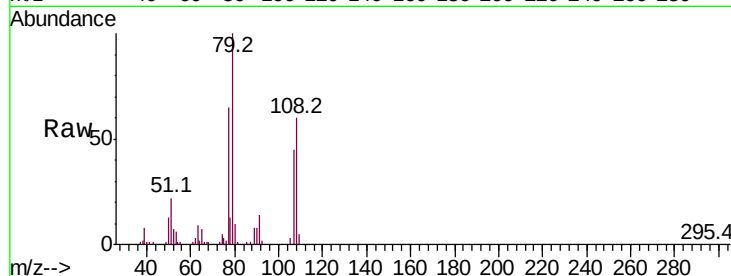
ClientSampleId :

PB111883BSD

Tot Ion:	79	Resp:	87001
Ion	Ratio	Lower	Upper
79	100		
108	60.5	57.2	85.8
77	64.8	46.1	69.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 50.519 ng

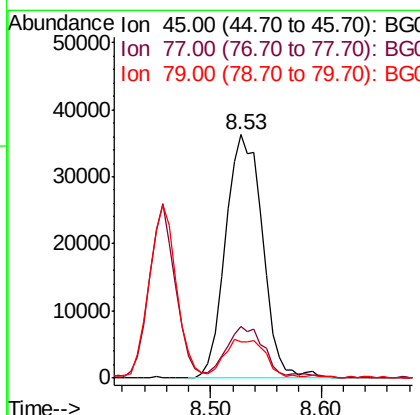
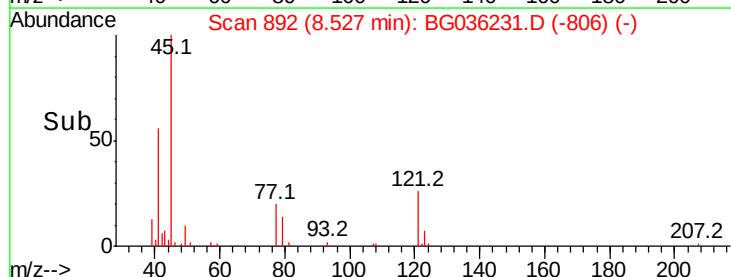
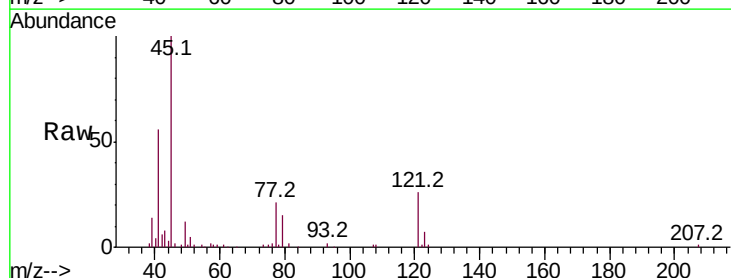
RT: 8.53 min Scan# 892

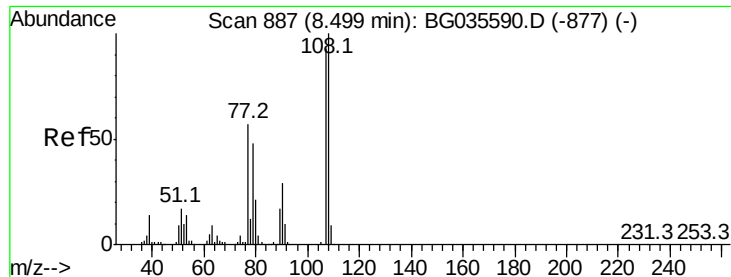
Delta R.T. -0.03 min

Lab File: BG036231.D

Acq: 9 Aug 2018 13:43

Tgt Ion:	45	Resp:	84899
Ion	Ratio	Lower	Upper
45	100		
77	21.2	0.0	30.2
79	14.6	0.0	27.9





#17

2-Methylphenol

Concen: 42.741 ng

RT: 8.46 min Scan# 880

Delta R.T. -0.01 min

Lab File: BG036231.D

Acq: 9 Aug 2018 13:43

Instrument :

BNA_G

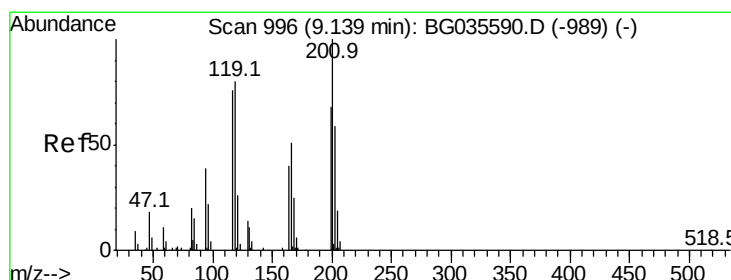
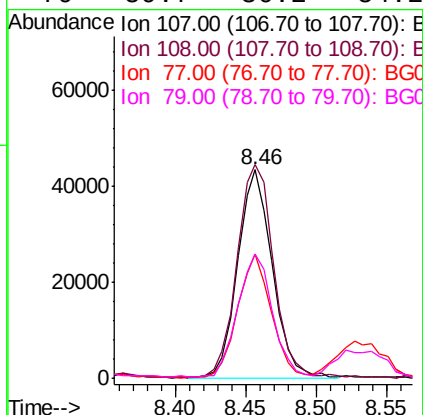
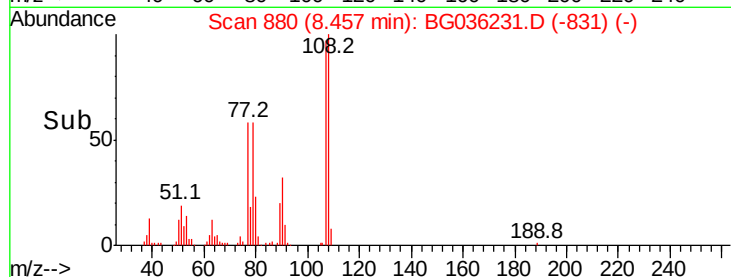
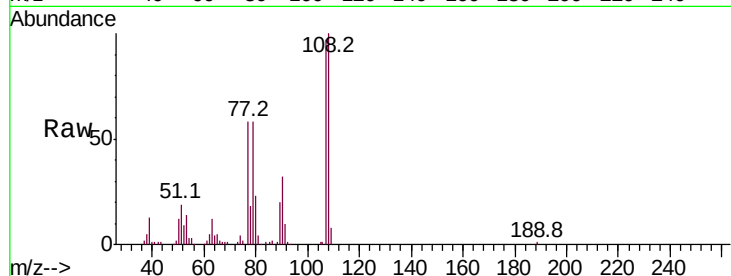
ClientSampleId :

PB111883BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	102.6	83.9	125.9	
77	59.9	37.2	55.8#	
79	59.7	36.2	54.2#	

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#18

Hexachloroethane

Concen: 42.494 ng

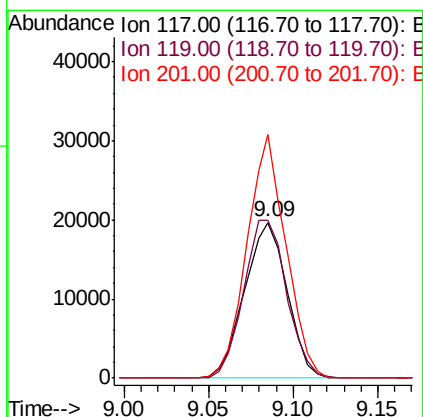
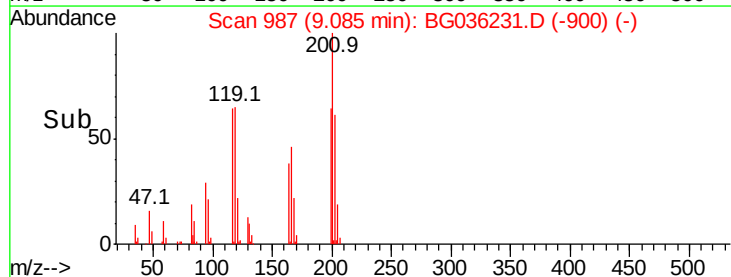
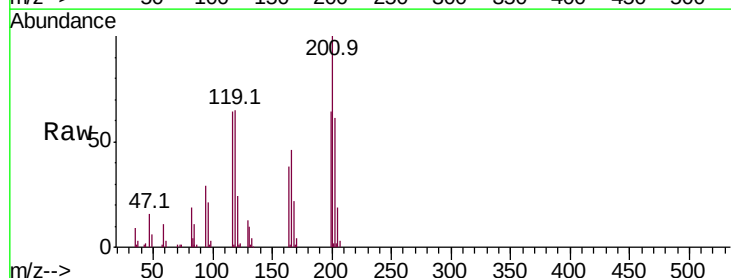
RT: 9.09 min Scan# 987

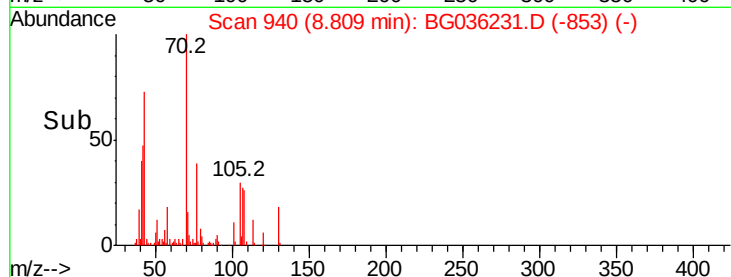
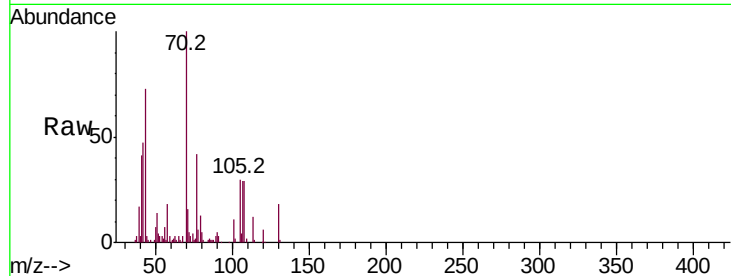
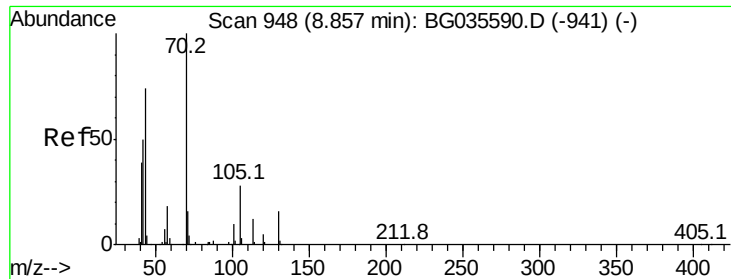
Delta R.T. -0.02 min

Lab File: BG036231.D

Acq: 9 Aug 2018 13:43

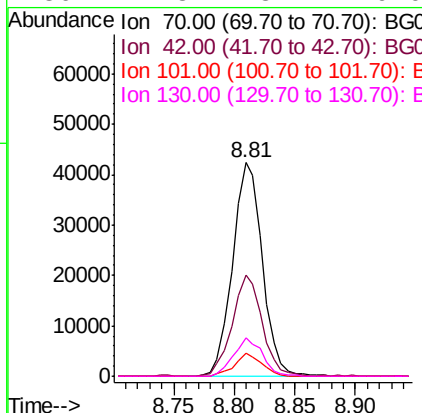
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	101.3	76.7	115.1	
201	156.3	95.7	143.5#	





#19
n-Nitroso-di-n-propylamine
Concen: 34.095 ng
RT: 8.81 min Scan# 940
Delta R.T. -0.02 min
Lab File: BG036231.D
Acq: 9 Aug 2018 13:43

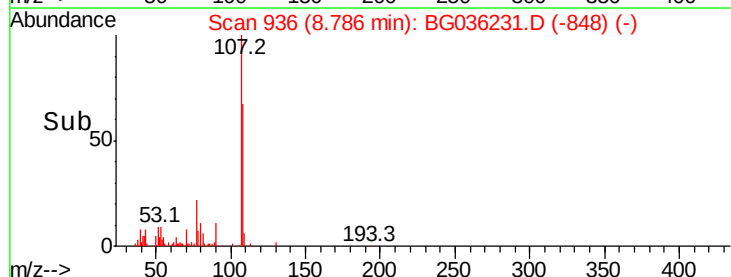
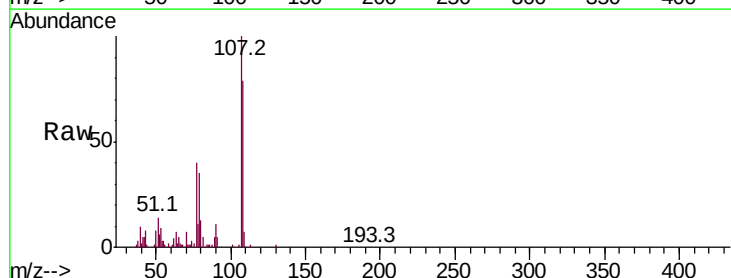
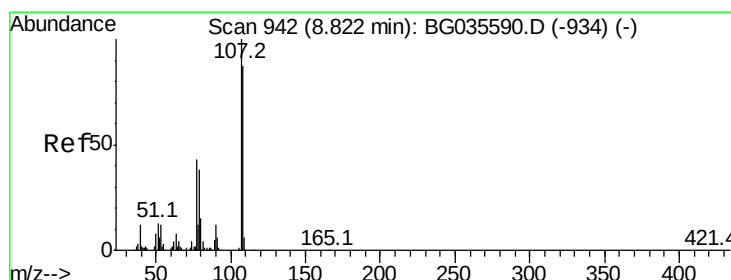
Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	47.2	49.1	73.7#		
101	10.5	8.5	12.7		
130	17.8	13.4	20.0		



Instrument :
BNA_G
ClientSampleId :
PB111883BSD

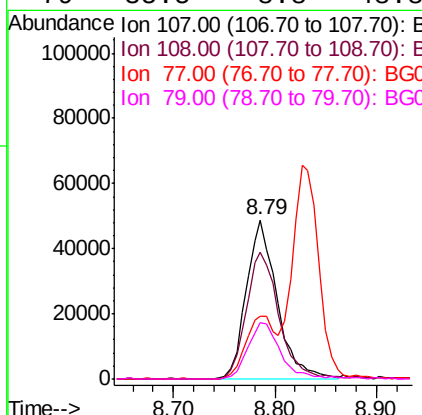
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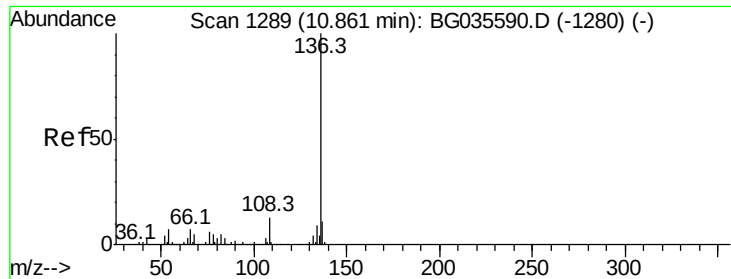
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#20
3+4-Methylphenols
Concen: 42.466 ng
RT: 8.79 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG036231.D
Acq: 9 Aug 2018 13:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	79.3	61.6	101.6		
77	39.8	13.9	53.9		
79	35.5	8.8	48.8		





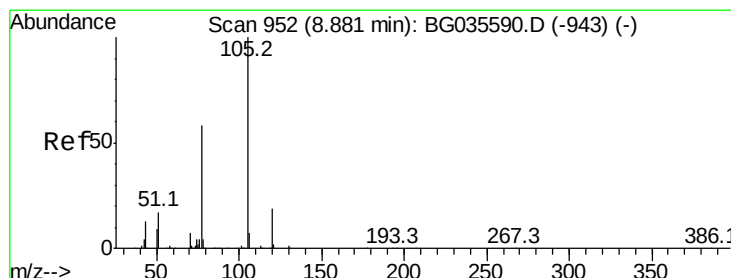
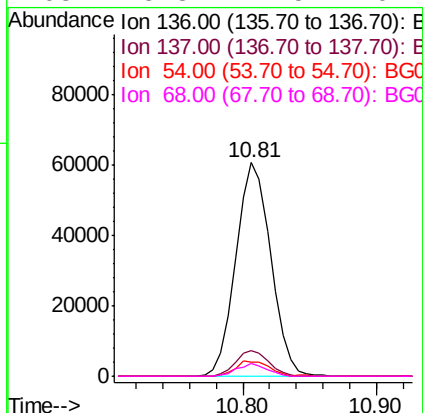
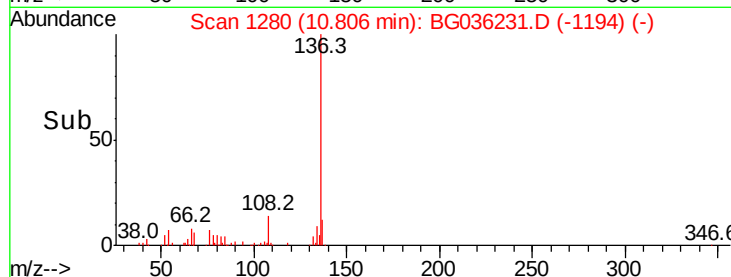
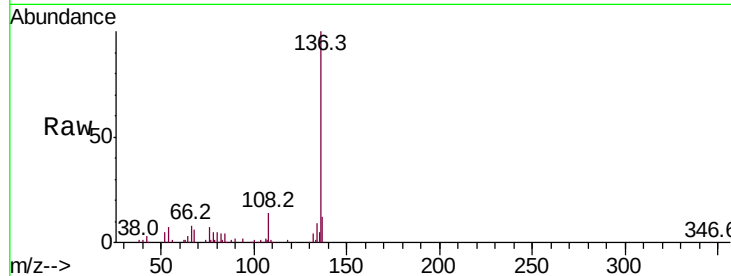
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1280
Delta R.T. -0.03 min
Lab File: BG036231.D
Acq: 9 Aug 2018 13:43

Instrument :
BNA_G
ClientSampleId :
PB111883BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	12.0	9.2	13.8	
54	6.6	10.3	15.5	
68	5.8	4.5	6.7	

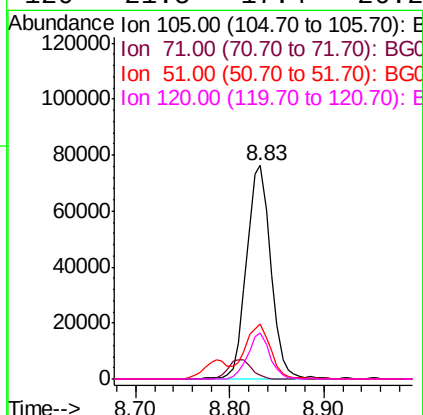
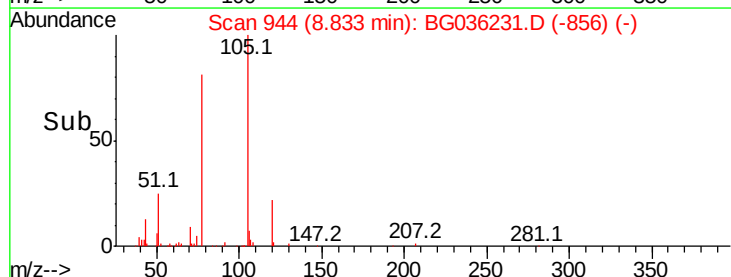
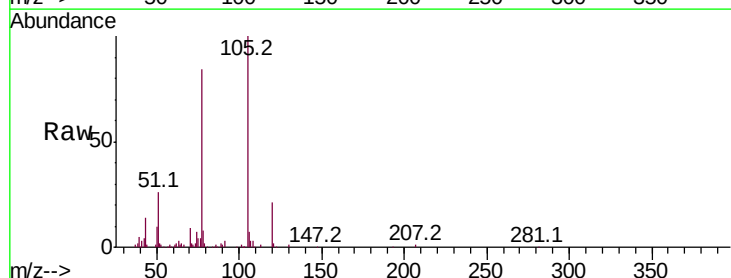
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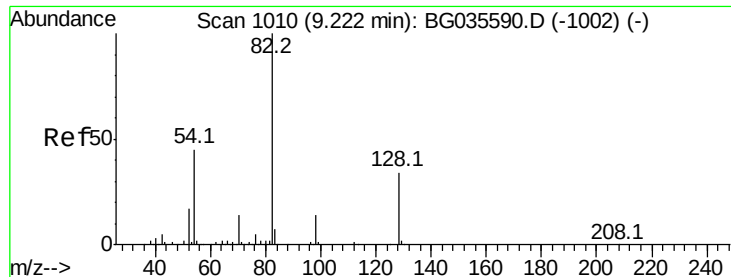
Sohil
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#22
Acetophenone
Concen: 40.053 ng
RT: 8.83 min Scan# 944
Delta R.T. -0.01 min
Lab File: BG036231.D
Acq: 9 Aug 2018 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.6	3.0	4.4	
51	25.7	26.1	39.1	
120	21.5	17.4	26.2	





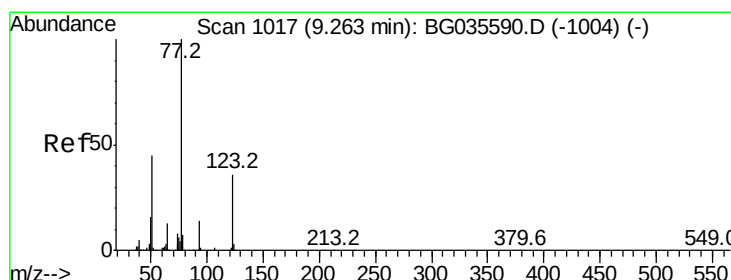
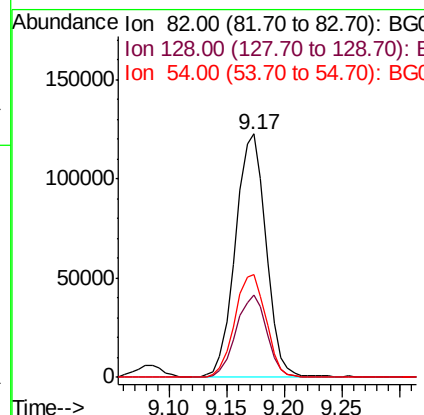
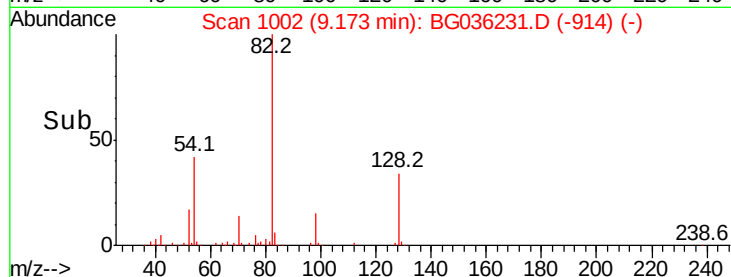
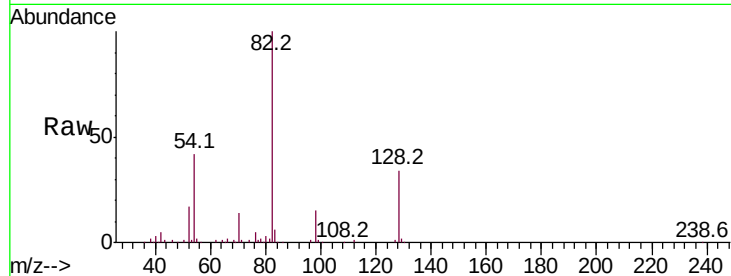
#23
 Nitrobenzene-d5
 Concen: 85.854 ng
 RT: 9.17 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BG036231.D
 Acq: 9 Aug 2018 13:43

Instrument :
 BNA_G
 ClientSampleId :
 PB111883BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	34.0	29.7	44.5	
54	42.2	43.1	64.7	

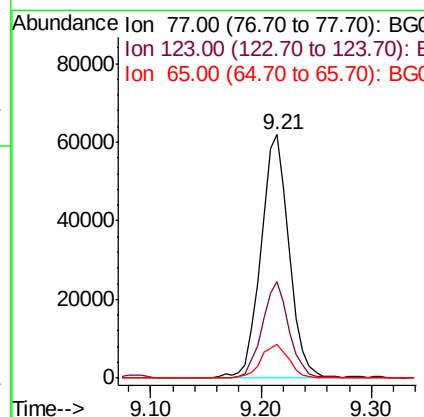
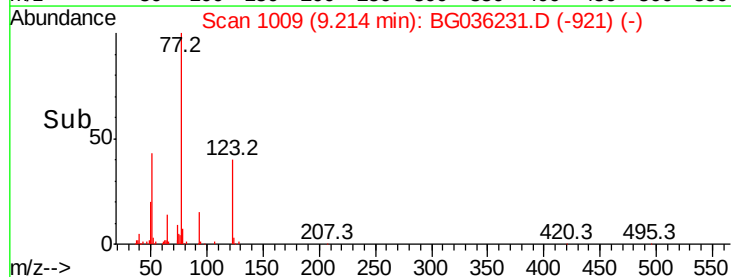
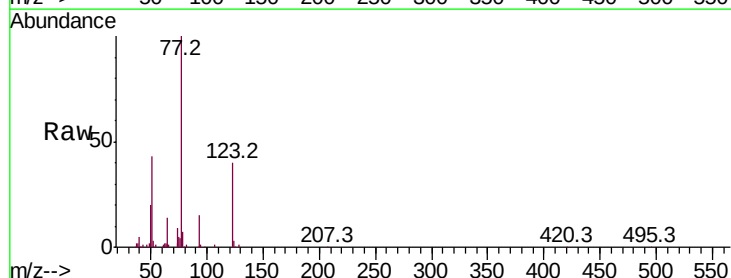
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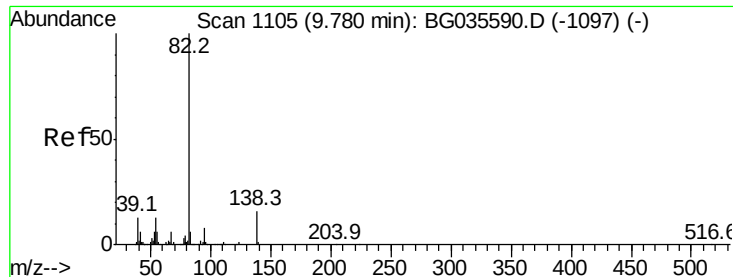
Sohil
 8/9/2018 3:17:10 PM



#24
 Nitrobenzene
 Concen: 41.882 ng
 RT: 9.21 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BG036231.D
 Acq: 9 Aug 2018 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	39.8	33.0	49.6	
65	13.6	13.0	19.6	





#25

Isophorone

Concen: 41.461 ng

RT: 9.73 min Scan# 1097

Delta R.T. -0.02 min

Lab File: BG036231.D

Acq: 9 Aug 2018 13:43

Instrument :

BNA_G

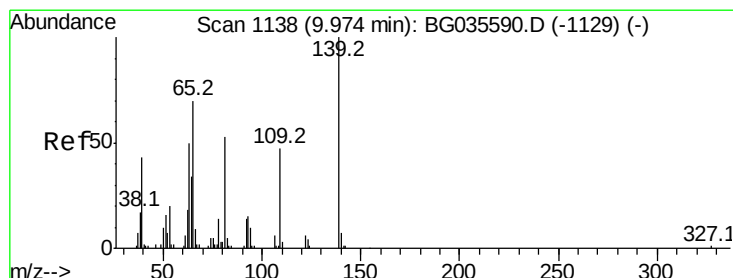
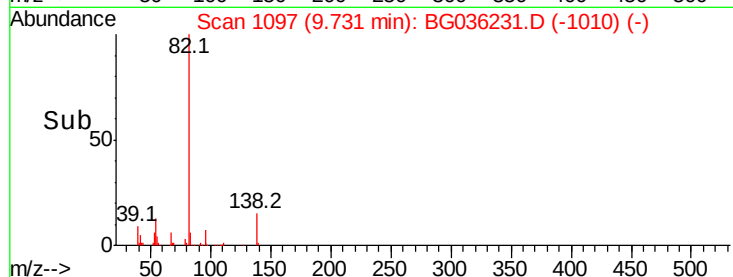
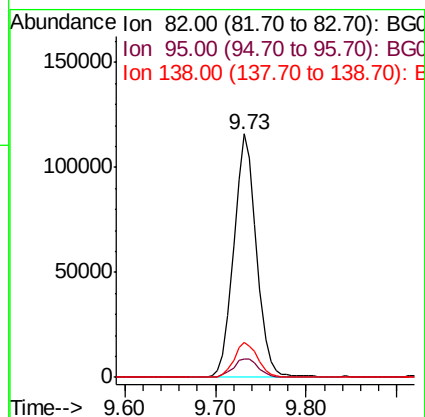
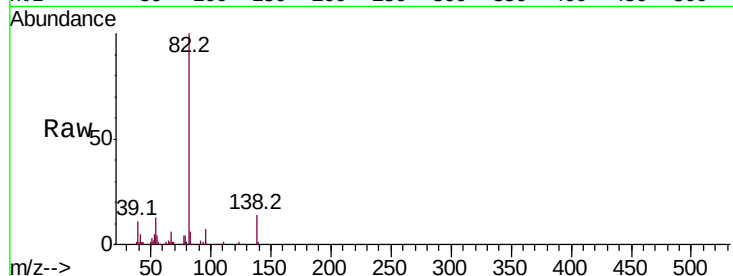
ClientSampleId :

PB111883BSD

Tot Ion	82	Resp	201987
Ion Ratio	Lower	Upper	
82	100		
95	7.4	6.2	9.2
138	14.5	12.1	18.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 49.812 ng

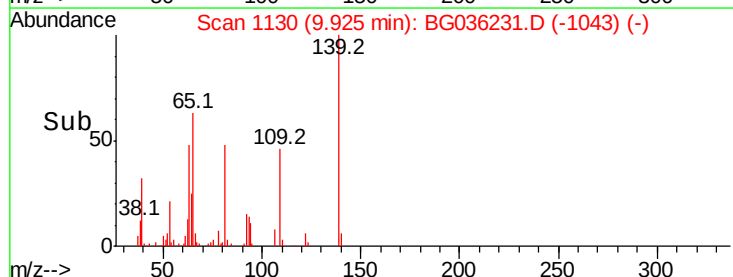
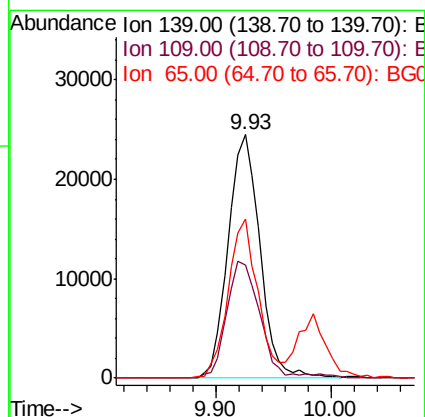
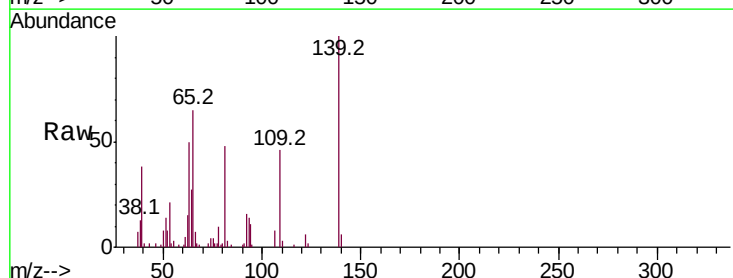
RT: 9.93 min Scan# 1130

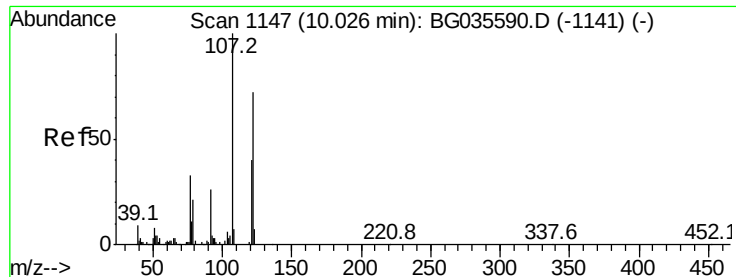
Delta R.T. -0.02 min

Lab File: BG036231.D

Acq: 9 Aug 2018 13:43

Tgt Ion	139	Resp	46692
Ion Ratio	Lower	Upper	
139	100		
109	46.3	24.2	36.2#
65	65.2	47.4	71.0





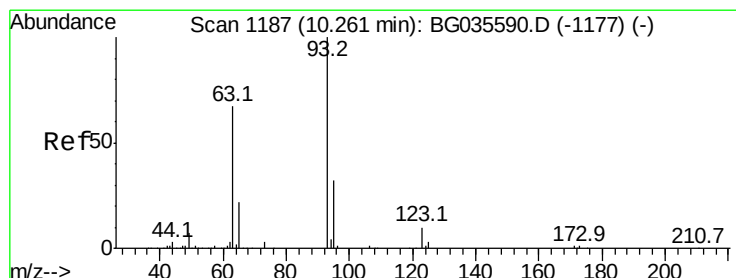
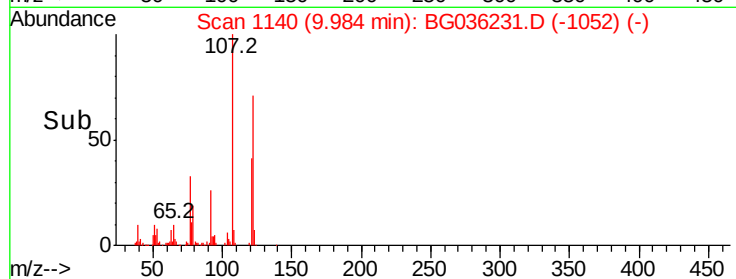
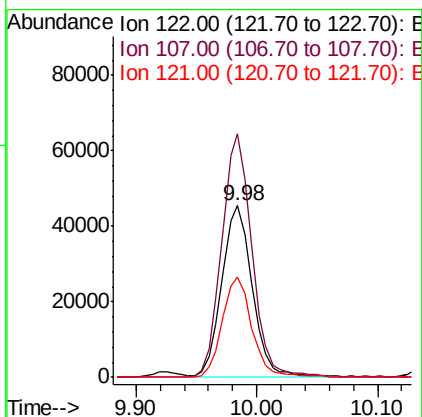
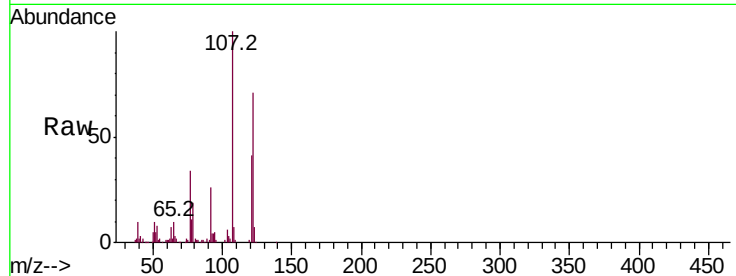
#27
 2,4-Dimethylphenol
 Concen: 49.857 ng
 RT: 9.98 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BG036231.D
 Acq: 9 Aug 2018 13:43

Instrument :
 BNA_G
 ClientSampleId :
 PB111883BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	141.8	100.2	150.2
121	58.7	44.4	66.6

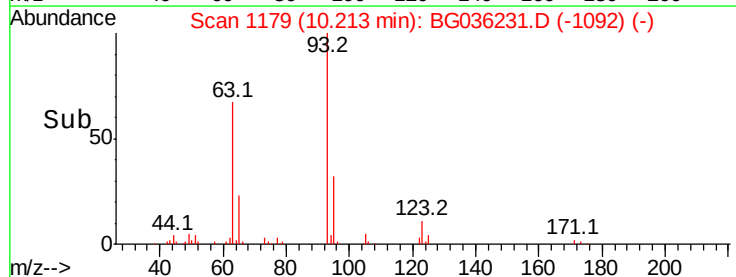
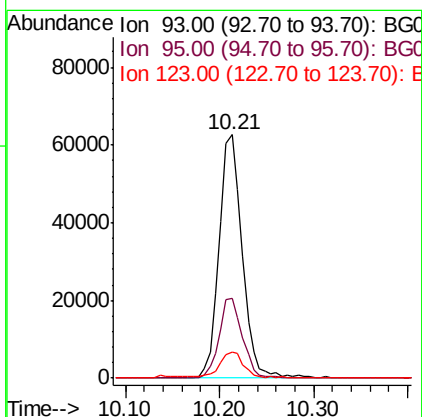
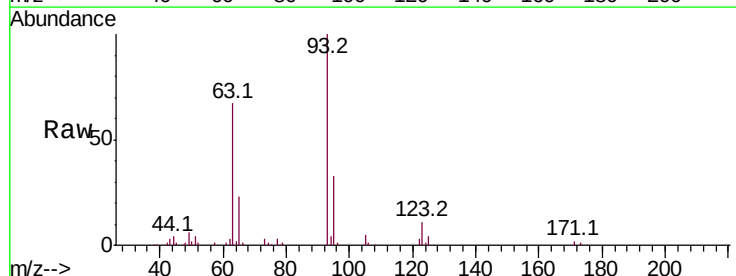
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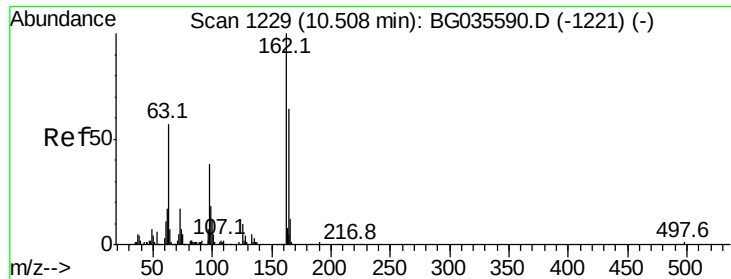
Sohil
 8/9/2018 3:17:10 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.206 ng
 RT: 10.21 min Scan# 1179
 Delta R.T. -0.02 min
 Lab File: BG036231.D
 Acq: 9 Aug 2018 13:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	24.3	36.5
123	10.7	8.4	12.6





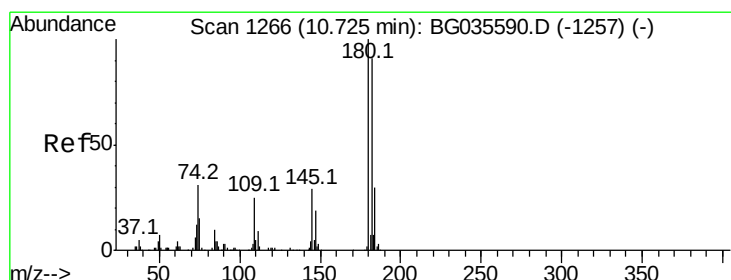
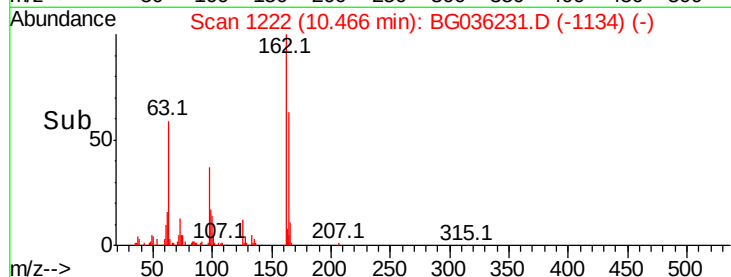
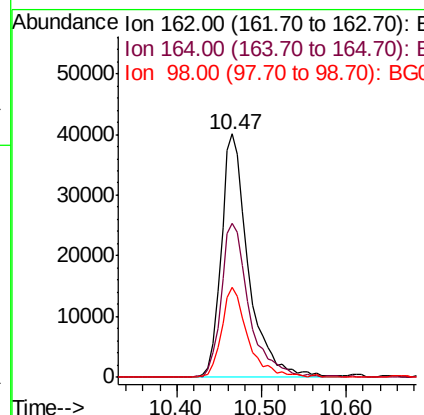
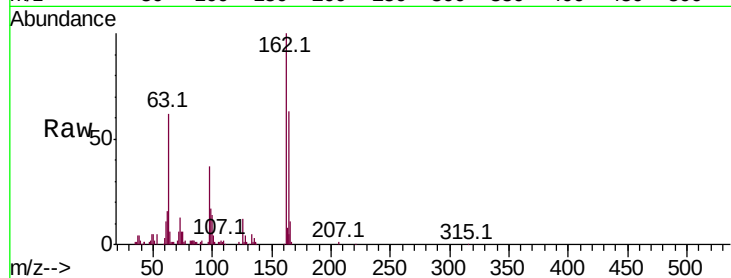
#29
2,4-Dichlorophenol
Concen: 49.568 ng
RT: 10.47 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BG036231.D
Acq: 9 Aug 2018 13:43

Instrument :
BNA_G
ClientSampleId :
PB111883BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	48.0	88.0
98	36.7	21.1	61.1

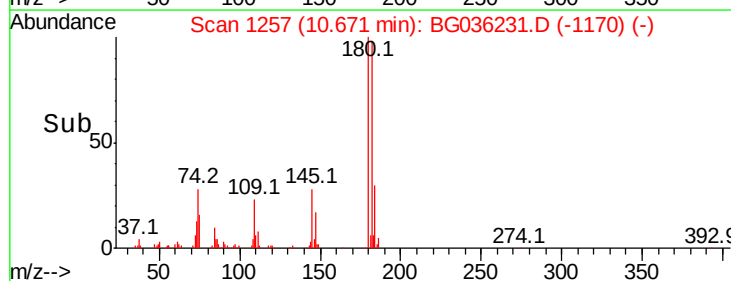
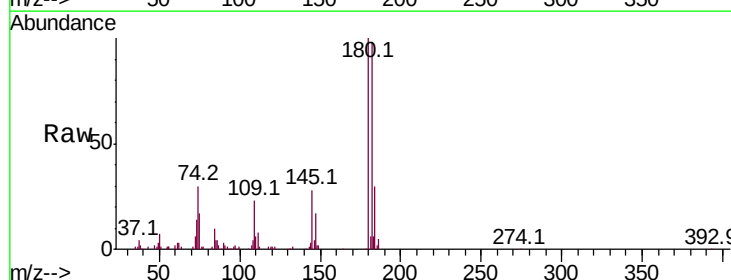
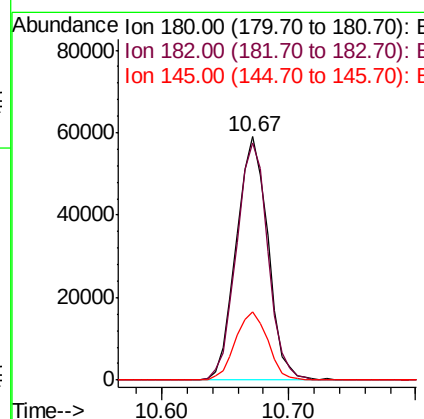
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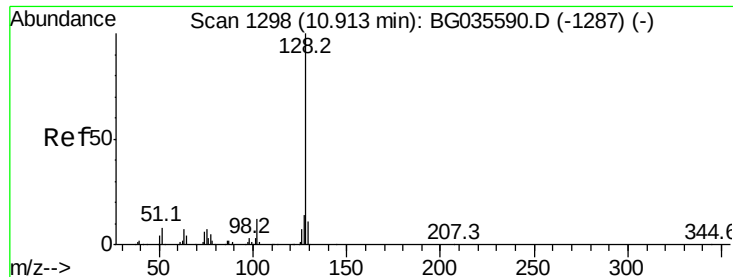
Sohil
8/9/2018 3:17:10 PM



#30
1,2,4-Trichlorobenzene
Concen: 45.802 ng
RT: 10.67 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BG036231.D
Acq: 9 Aug 2018 13:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	77.5	116.3
145	28.1	23.4	35.2





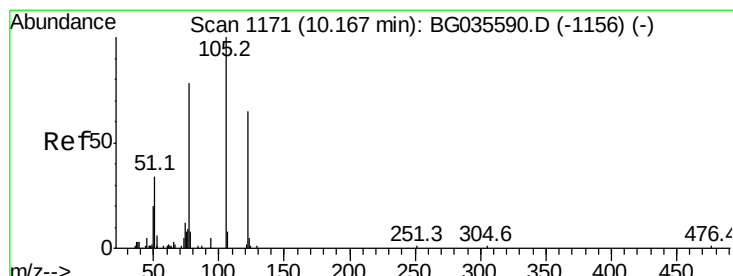
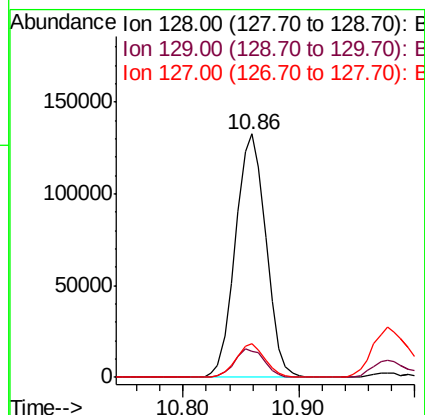
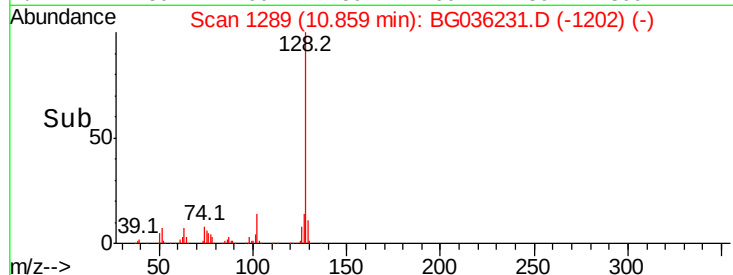
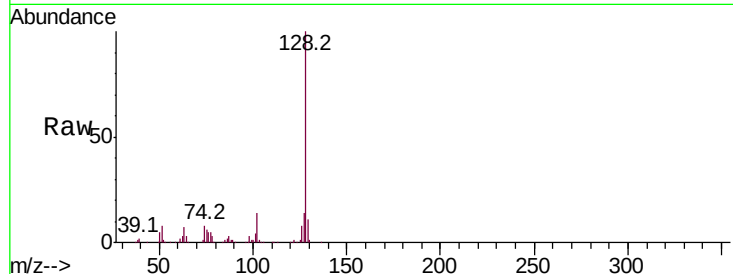
#31
Naphthalene
Concen: 42.315 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BG036231.D
Acq: 9 Aug 2018 13:43

Instrument :
BNA_G
ClientSampleId :
PB111883BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.9	8.6	12.8	
127	13.9	11.6	17.4	

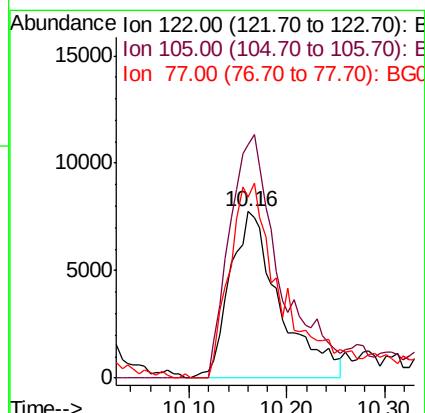
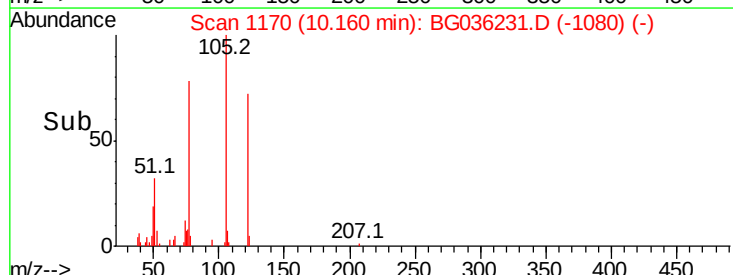
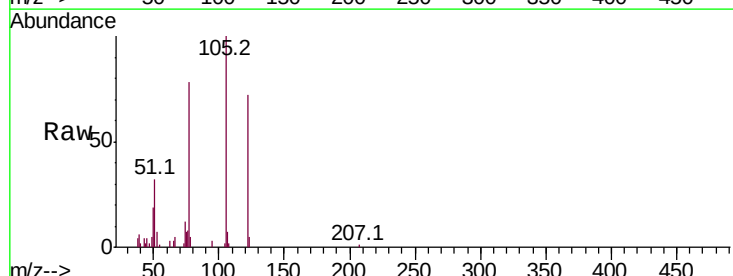
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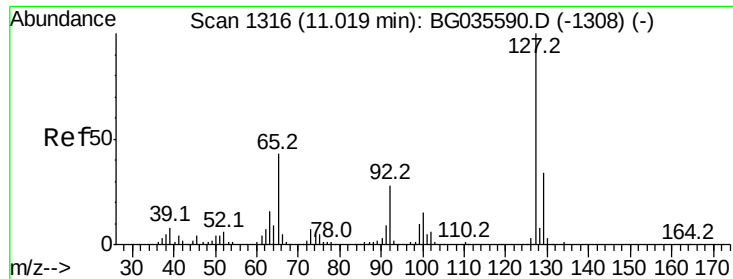
Sohil
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#32
Benzoic acid
Concen: 25.824 ng
RT: 10.16 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BG036231.D
Acq: 9 Aug 2018 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	139.6	123.5	163.5	
77	108.7	85.7	125.7	





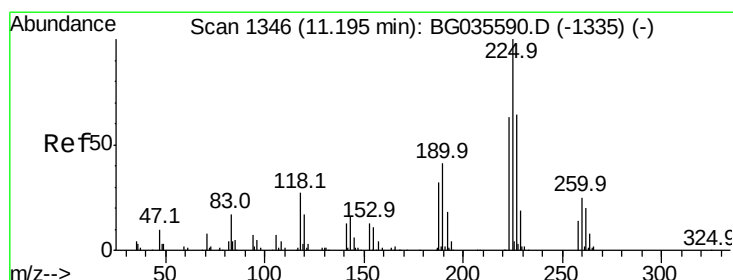
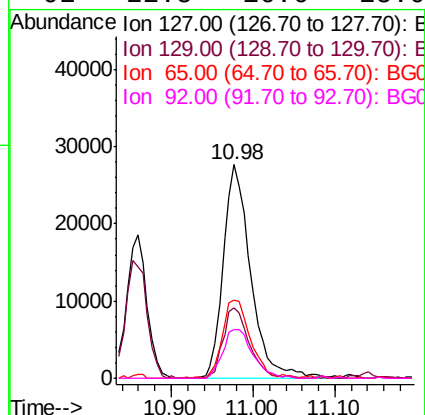
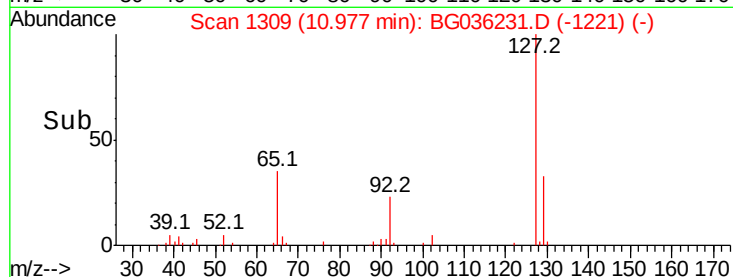
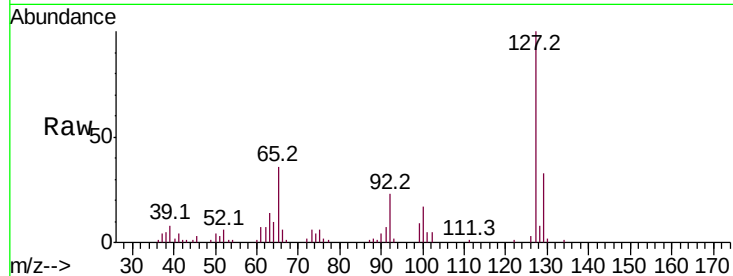
#33
4-Chloroaniline
Concen: 25.960 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG036231.D
Acq: 9 Aug 2018 13:43

Instrument :
BNA_G
ClientSampleId :
PB111883BSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.9	24.0	36.0
65	36.4	27.0	40.4
92	22.5	16.6	25.0

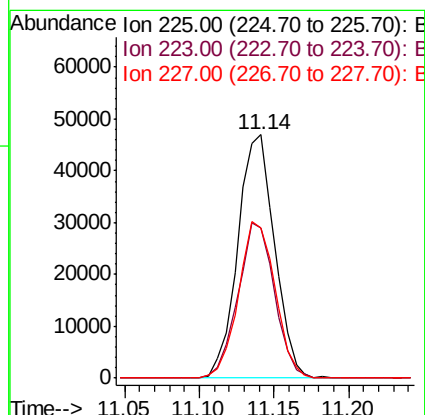
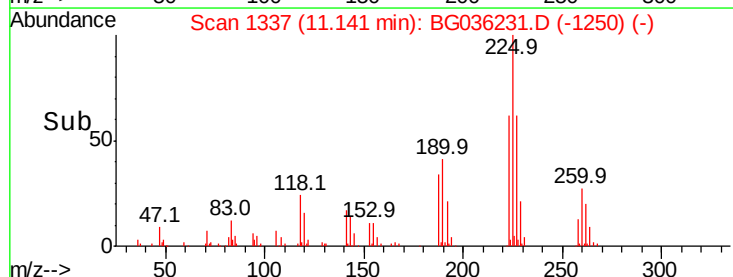
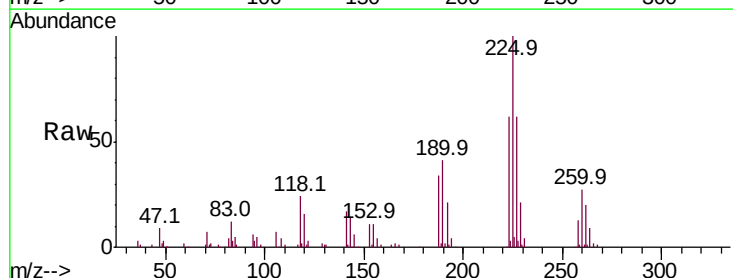
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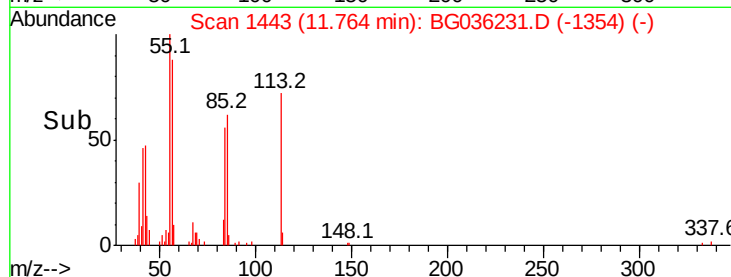
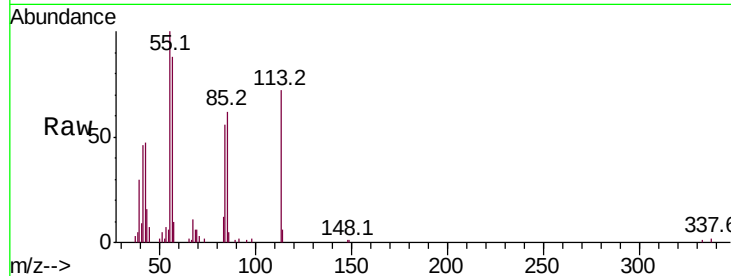
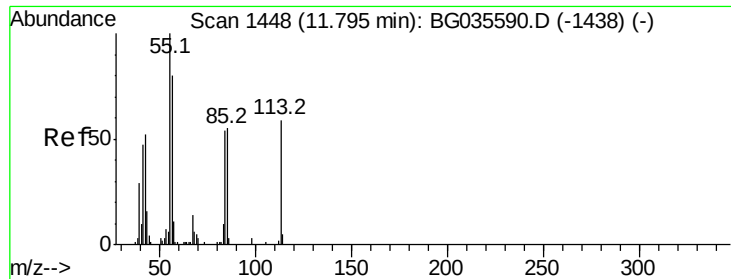
Sohil
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#34
Hexachlorobutadiene
Concen: 46.431 ng
RT: 11.14 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BG036231.D
Acq: 9 Aug 2018 13:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.7	74.5
227	61.9	48.1	72.1





#35

Caprolactam

Concen: 39.564 ng/ml

RT: 11.76 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BG036231.D

Acq: 9 Aug 2018 13:43

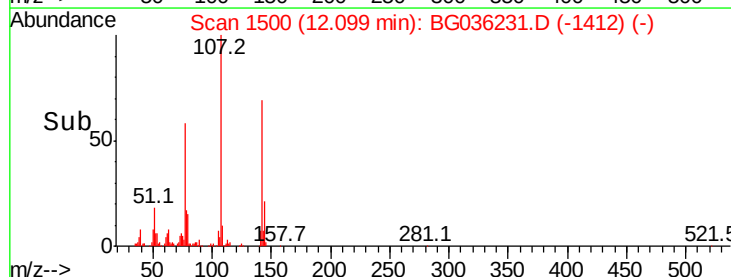
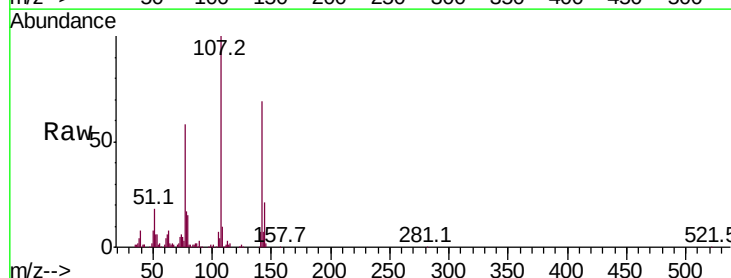
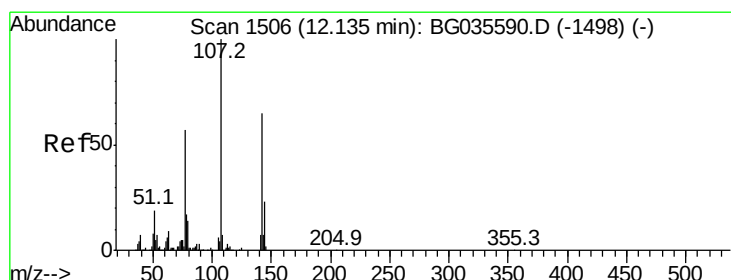
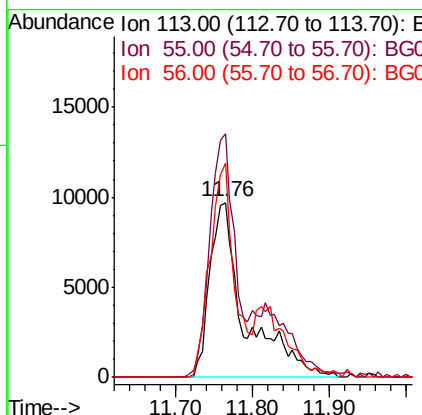
Tot Ion: 113 Resp: 30752

Ion	Ratio	Lower	Upper
113	100		
55	139.3	186.9	226.9#
56	122.4	130.9	170.9#

Instrument :
BNA_G
ClientSampleId :
PB111883BSD

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 44.689 ng/ml

RT: 12.10 min Scan# 1500

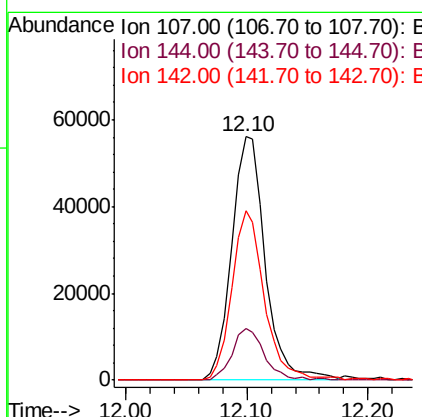
Delta R.T. -0.01 min

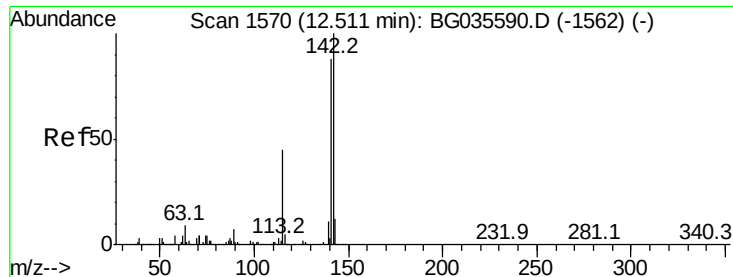
Lab File: BG036231.D

Acq: 9 Aug 2018 13:43

Tgt Ion: 107 Resp: 108496

Ion	Ratio	Lower	Upper
107	100		
144	21.4	18.2	27.4
142	69.4	59.0	88.4





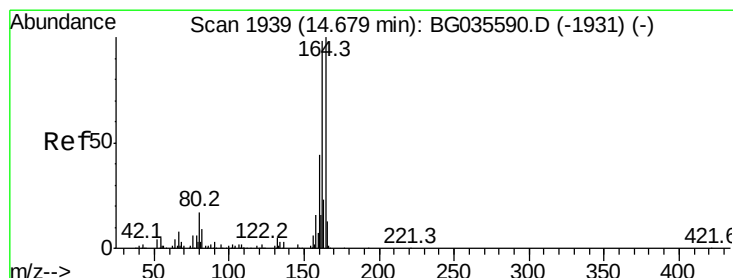
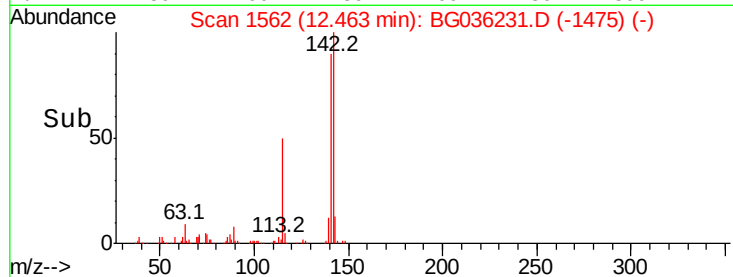
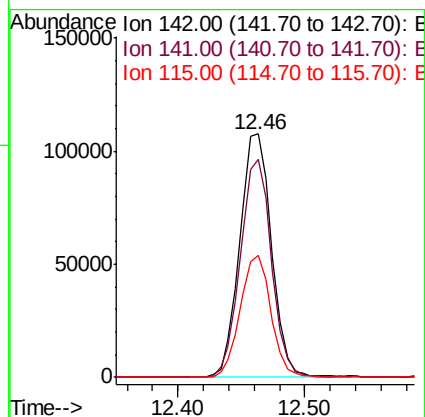
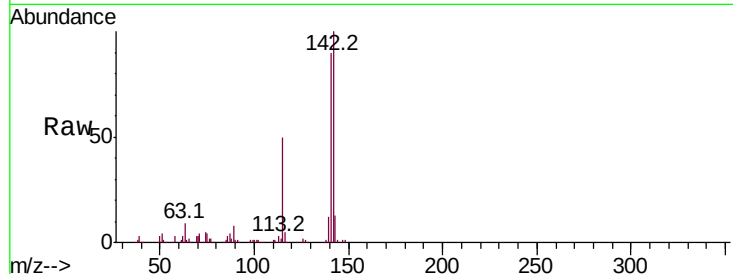
#37
2-Methylnaphthalene
Concen: 43.936 ng
RT: 12.46 min Scan# 1562
Delta R.T. -0.02 min
Lab File: BG036231.D
Acq: 9 Aug 2018 13:43

Instrument :
BNA_G
ClientSampleId :
PB111883BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	186935		
141	89.7	67.1	100.7	
115	50.3	30.7	46.1	

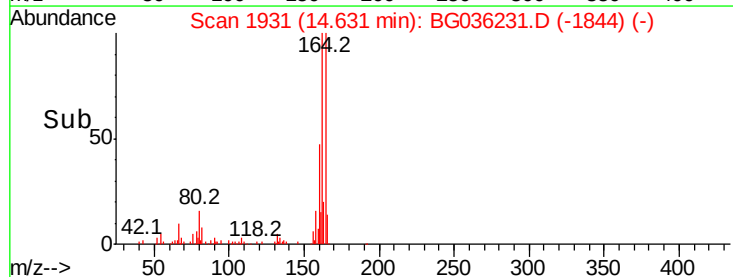
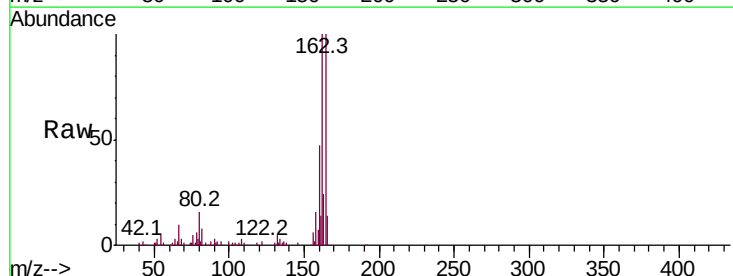
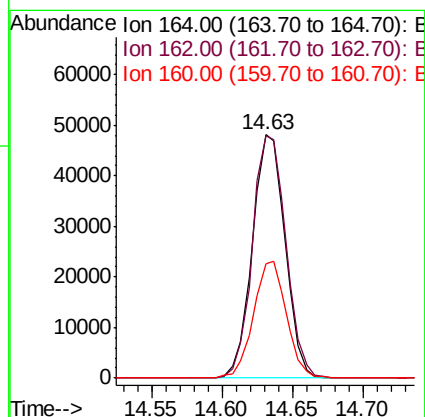
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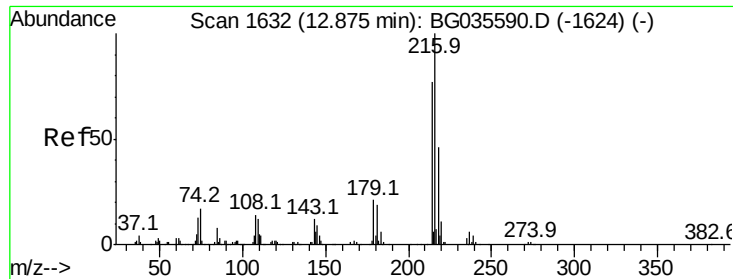
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.02 min
Lab File: BG036231.D
Acq: 9 Aug 2018 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	78365		
162	99.5	78.8	118.2	
160	46.9	35.4	53.0	





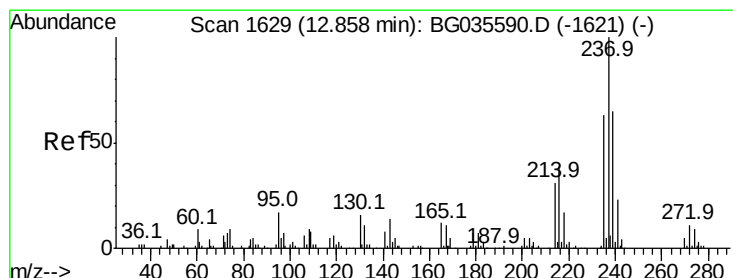
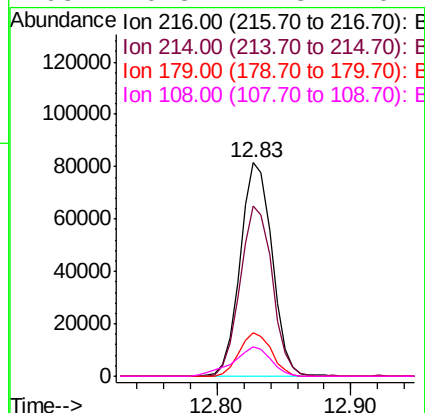
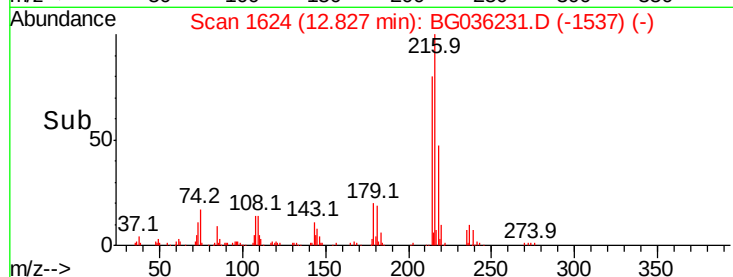
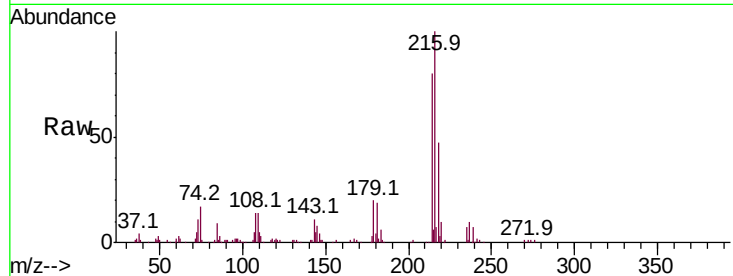
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.404 ng
 RT: 12.83 min Scan# 1624
 Delta R.T. -0.02 min
 Lab File: BG036231.D
 Acq: 9 Aug 2018 13:43

Instrument :
 BNA_G
 ClientSampleId :
 PB111883BSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.6	63.0	94.4	
179	20.1	17.0	25.6	
108	16.3	12.8	19.2	

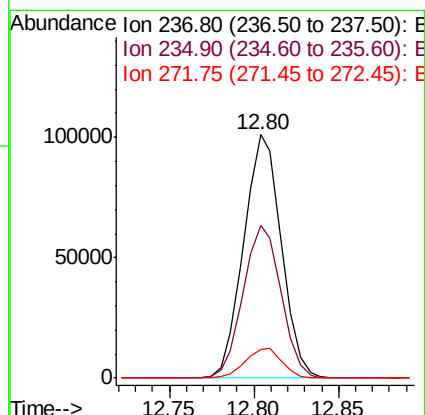
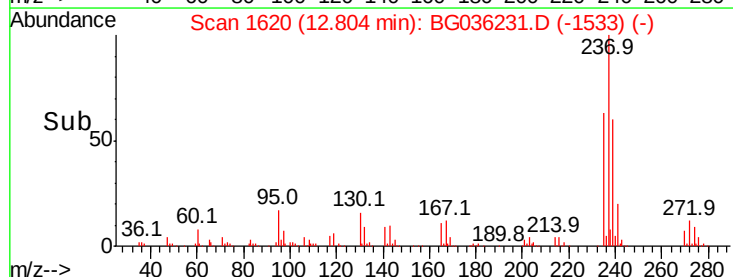
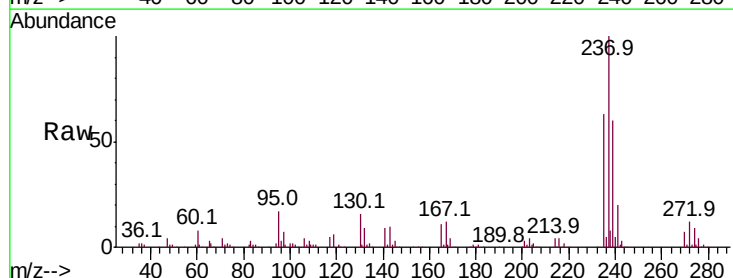
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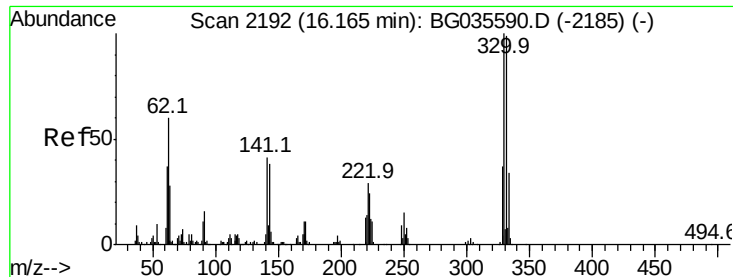
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 100.681 ng
 RT: 12.80 min Scan# 1620
 Delta R.T. -0.02 min
 Lab File: BG036231.D
 Acq: 9 Aug 2018 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.0	50.4	90.4	
272	11.6	0.0	31.8	





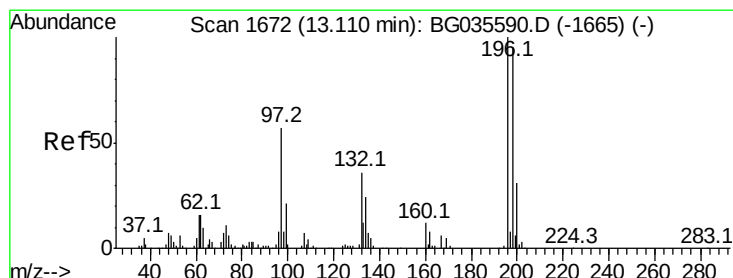
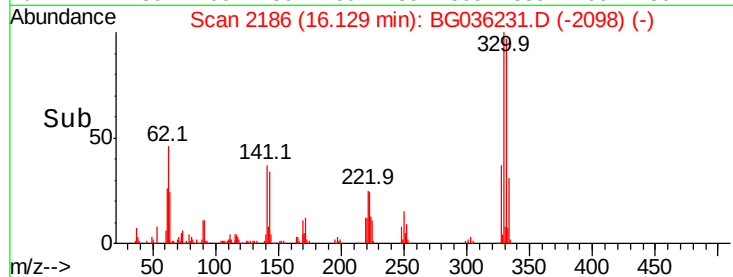
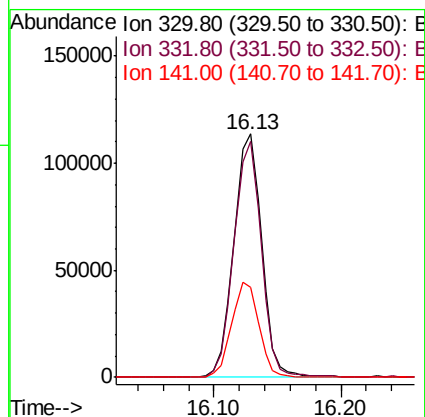
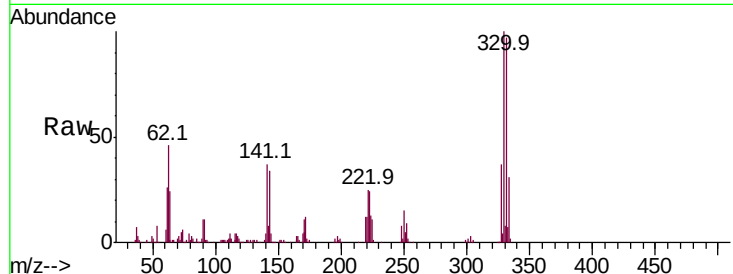
#41
 2,4,6-Tribromophenol
 Concen: 167.501 ng
 RT: 16.13 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: BG036231.D
 Acq: 9 Aug 2018 13:43

Instrument :
 BNA_G
 ClientSampleId :
 PB111883BSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	38.2	25.2	37.8

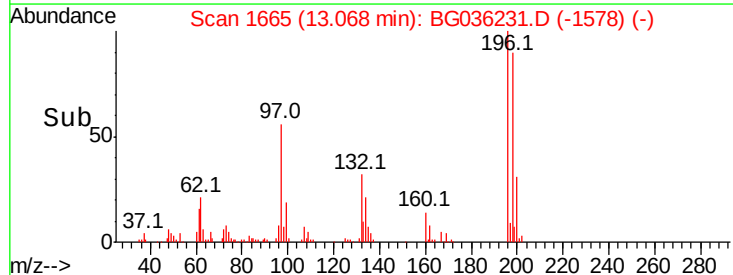
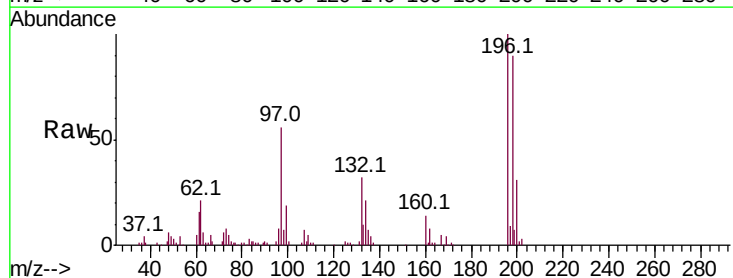
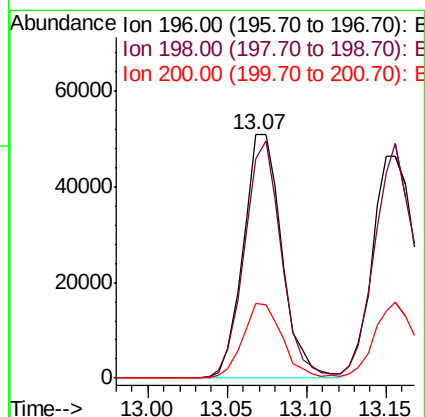
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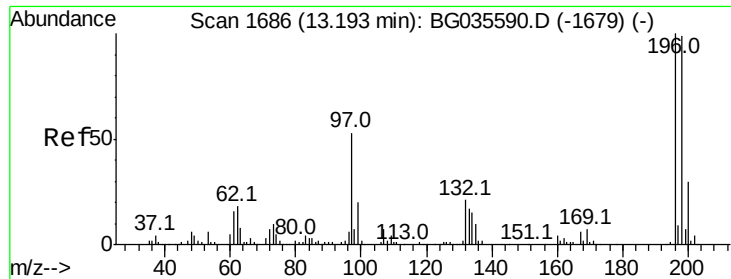
Sohil
 8/9/2018 3:17:10 PM



#42
 2,4,6-Trichlorophenol
 Concen: 49.912 ng
 RT: 13.07 min Scan# 1665
 Delta R.T. -0.02 min
 Lab File: BG036231.D
 Acq: 9 Aug 2018 13:43

Tgt Ion	Ratio	Lower	Upper
196	100		
198	89.9	78.2	117.2
200	30.6	24.6	36.8





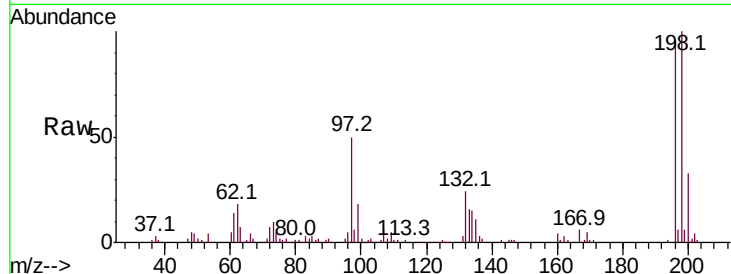
#43
 2,4,5-Trichlorophenol
 Concen: 47.479 ng
 RT: 13.16 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BG036231.D
 Acq: 9 Aug 2018 13:43

Instrument :
 BNA_G
 ClientSampleId :
 PB111883BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	105.6	76.2	114.4	
97	52.3	38.7	58.1	
132	25.4	20.2	30.2	

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 8/9/2018 3:17:10 PM



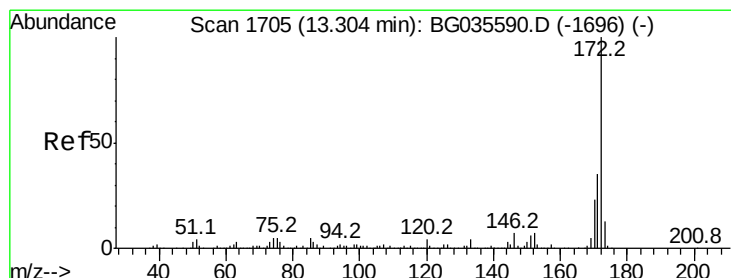
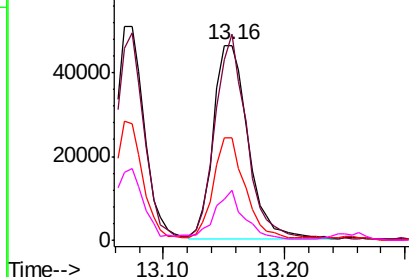
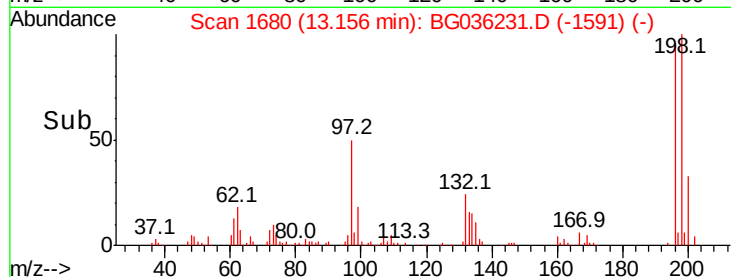
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

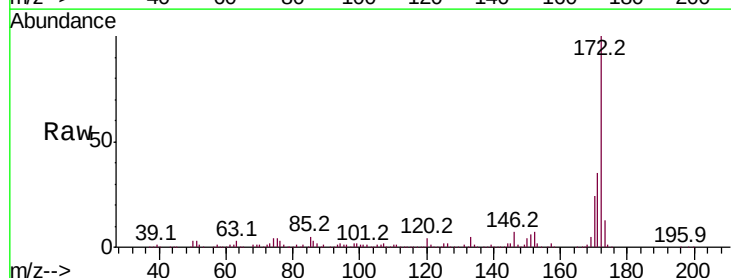
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 88.187 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036231.D
 Acq: 9 Aug 2018 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.9	30.0	45.0	
170	24.1	19.5	29.3	

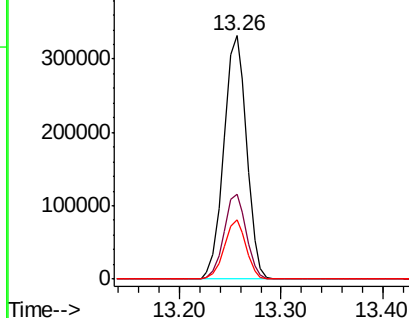
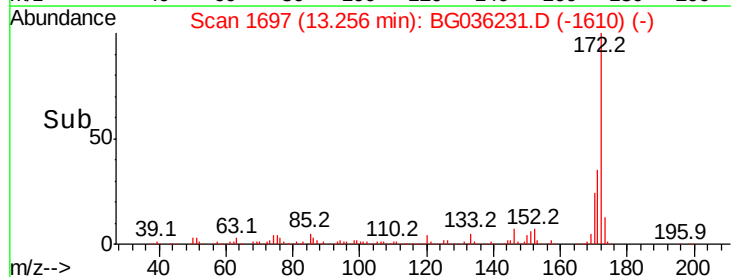


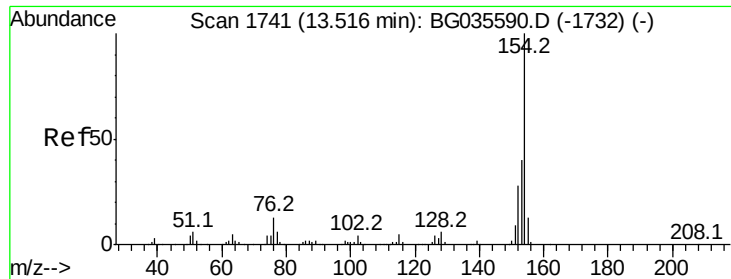
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





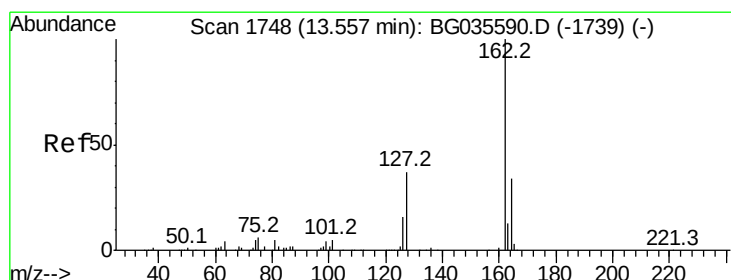
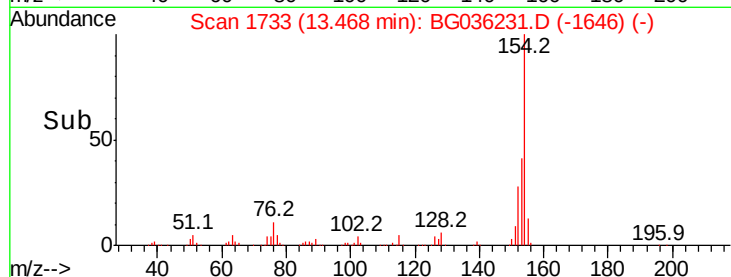
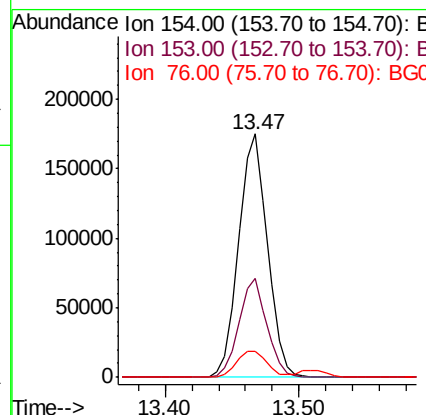
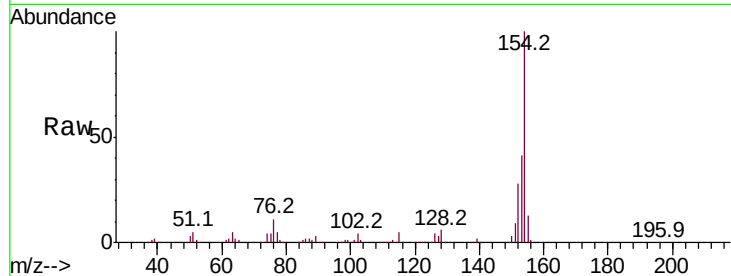
#45
 1,1'-Biphenyl
 Concen: 43.087 ng
 RT: 13.47 min Scan# 1733
 Delta R.T. -0.02 min
 Lab File: BG036231.D
 Acq: 9 Aug 2018 13:43

Instrument :
 BNA_G
 ClientSampleId :
 PB111883BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.5	19.8	59.8
76	10.8	0.0	31.9

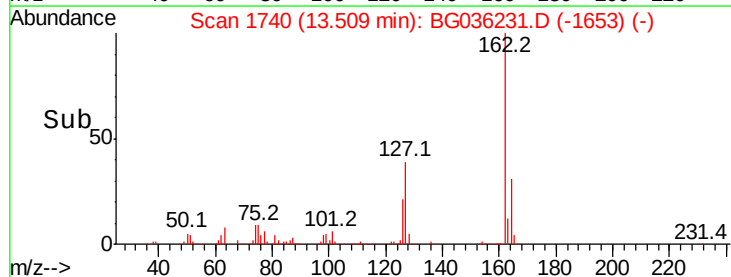
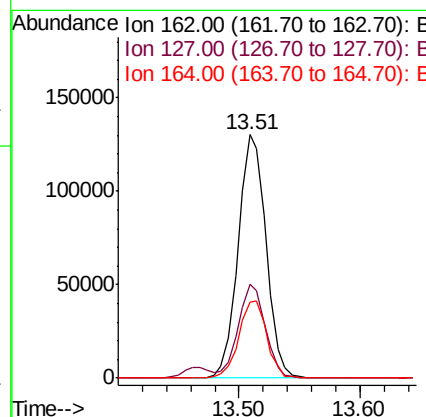
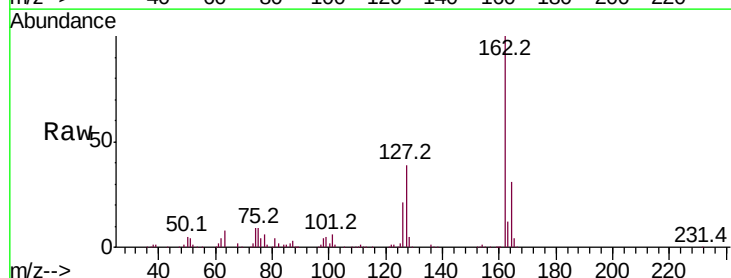
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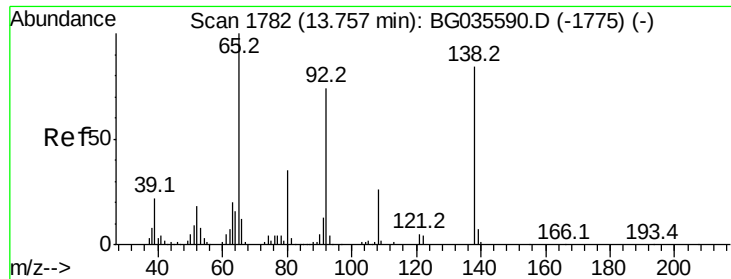
Sohil
 8/9/2018 3:17:10 PM



#46
 2-Chloronaphthalene
 Concen: 44.290 ng
 RT: 13.51 min Scan# 1740
 Delta R.T. -0.02 min
 Lab File: BG036231.D
 Acq: 9 Aug 2018 13:43

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.8	30.7	46.1
164	31.2	26.0	39.0





#47

2-Nitroaniline

Concen: 44.526 ng

RT: 13.72 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BG036231.D

Acq: 9 Aug 2018 13:43

Instrument :

BNA_G

ClientSampleId :

PB111883BSD

Tot Ion: 65 Resp: 74392

Ion Ratio Lower Upper

65 100

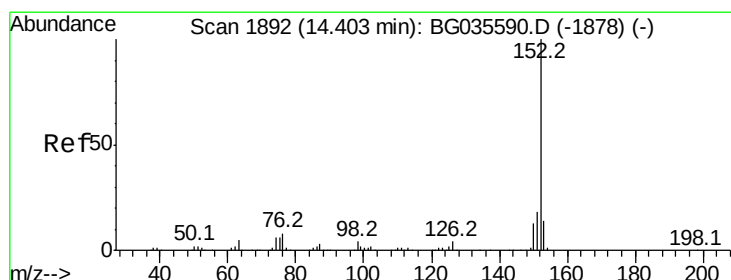
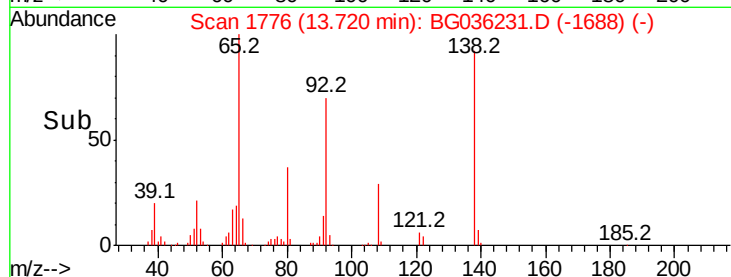
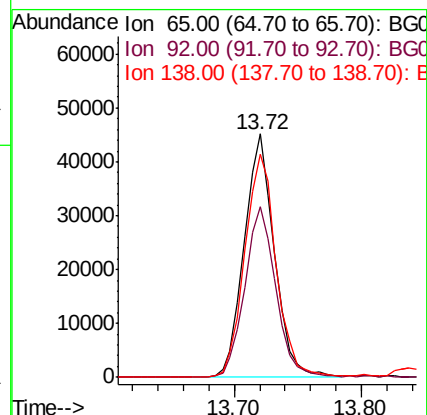
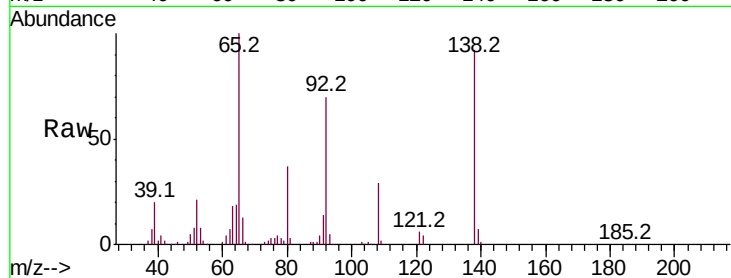
92 70.2 54.6 82.0

138 91.8 72.9 109.3

Manual Integrations
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Sohil

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#48

Acenaphthylene

Concen: 43.262 ng

RT: 14.35 min Scan# 1884

Delta R.T. -0.02 min

Lab File: BG036231.D

Acq: 9 Aug 2018 13:43

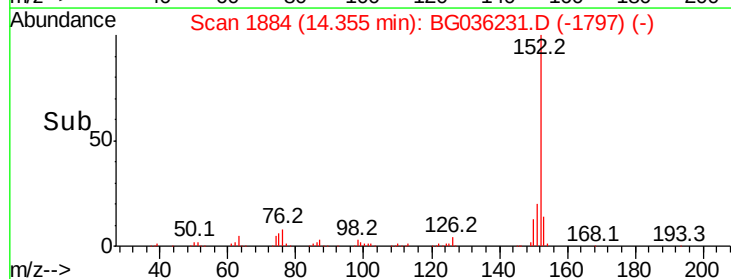
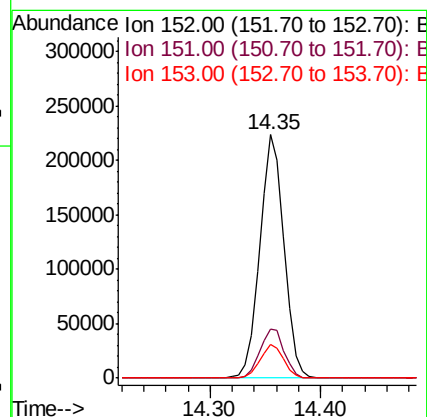
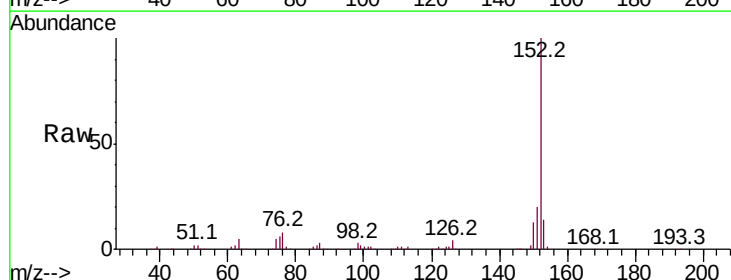
Tgt Ion: 152 Resp: 342475

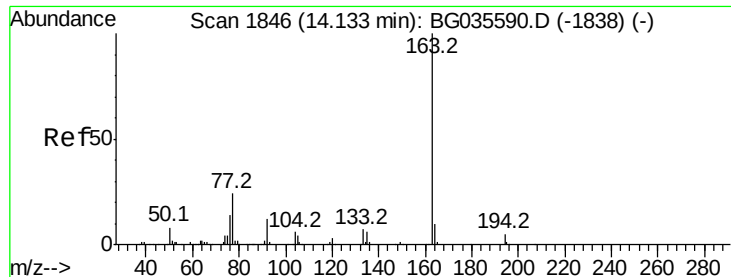
Ion Ratio Lower Upper

152 100

151 19.9 17.2 25.8

153 13.7 10.2 15.4





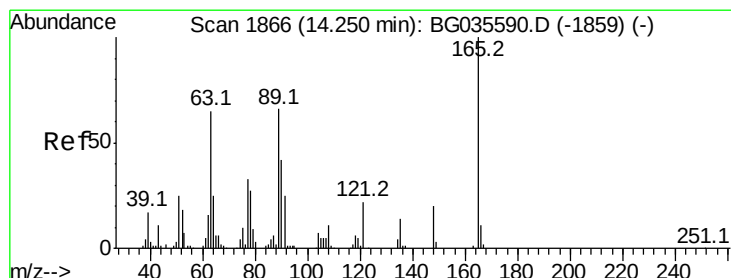
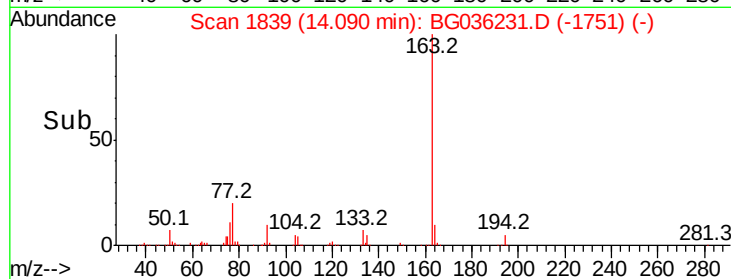
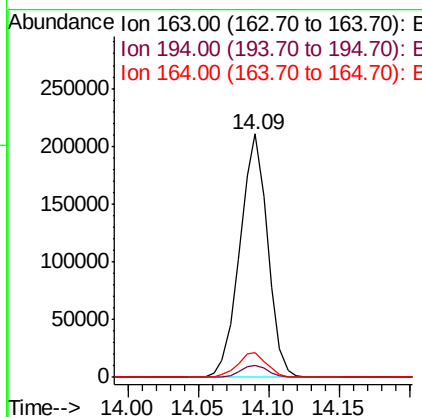
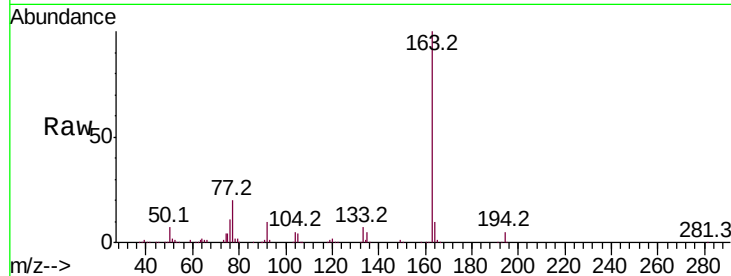
#49
Dimethylphthalate
Concen: 42.178 ng
RT: 14.09 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BG036231.D
Acq: 9 Aug 2018 13:43

Instrument :
BNA_G
ClientSampleId :
PB111883BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	289594		
194	5.0	3.4	5.2	
164	10.0	8.2	12.4	

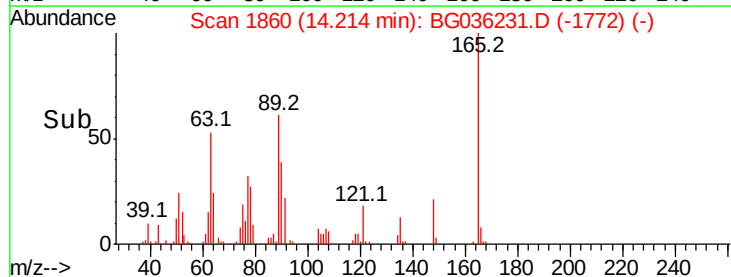
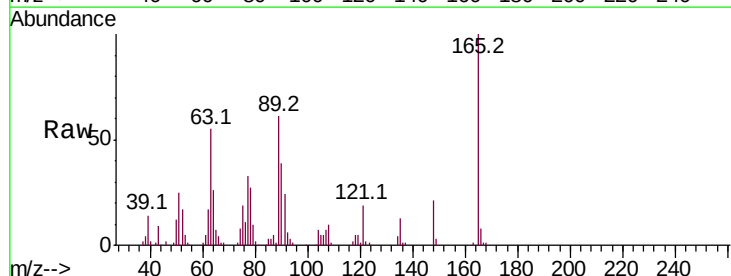
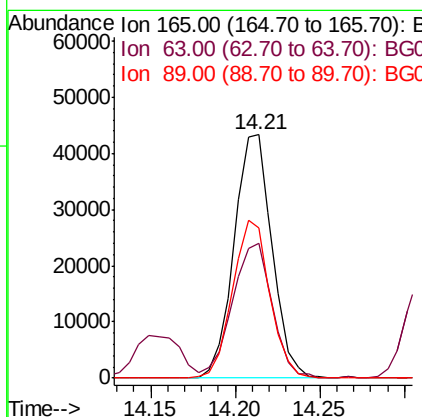
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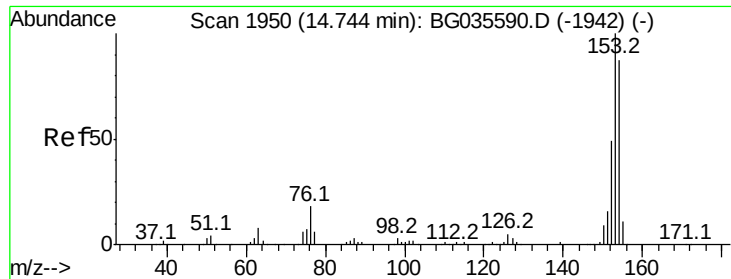
Sohil
8/9/2018 3:17:10 PM



#50
2,6-Dinitrotoluene
Concen: 48.221 ng
RT: 14.21 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BG036231.D
Acq: 9 Aug 2018 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	67421		
63	55.4	52.7	79.1	
89	61.5	49.2	73.8	





#51

Acenaphthene

Concen: 40.637 ng

RT: 14.70 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG036231.D

Acq: 9 Aug 2018 13:43

Instrument :

BNA_G

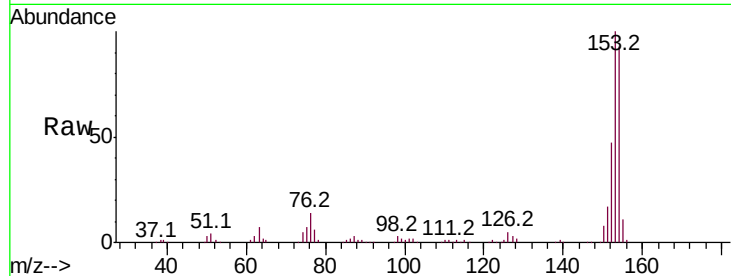
ClientSampleId :

PB111883BSD

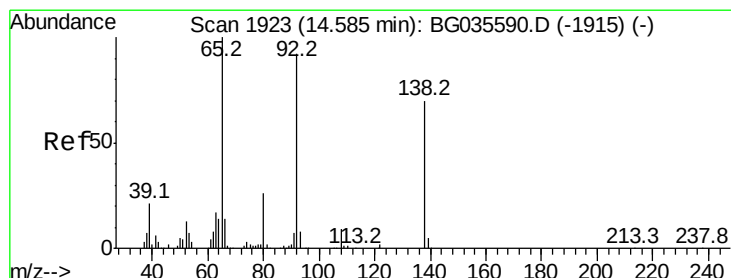
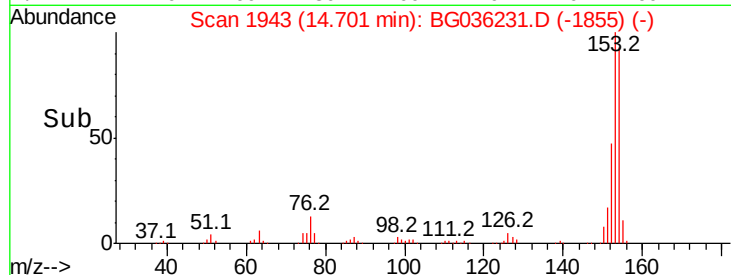
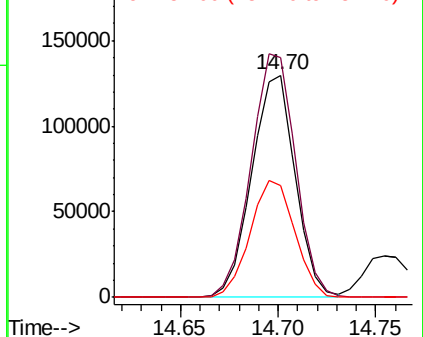
Tot Ion	Ratio	Lower	Upper
154	100		
153	107.7	90.4	135.6
152	50.3	41.6	62.4

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



#52

3-Nitroaniline

Concen: 33.279 ng

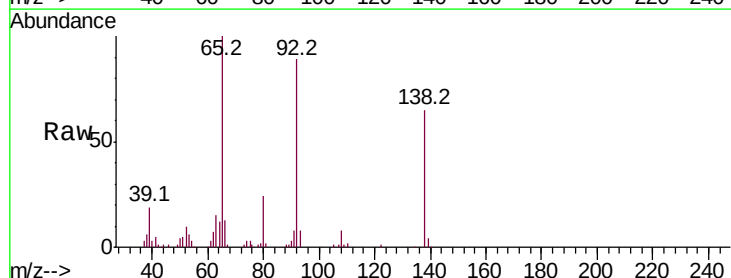
RT: 14.55 min Scan# 1917

Delta R.T. -0.01 min

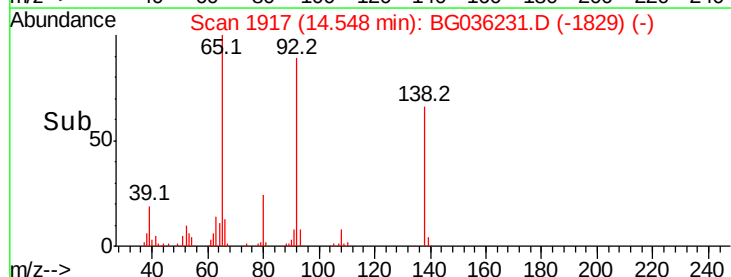
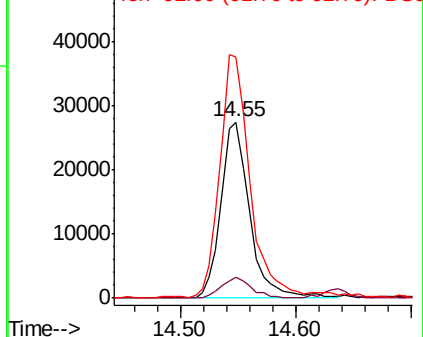
Lab File: BG036231.D

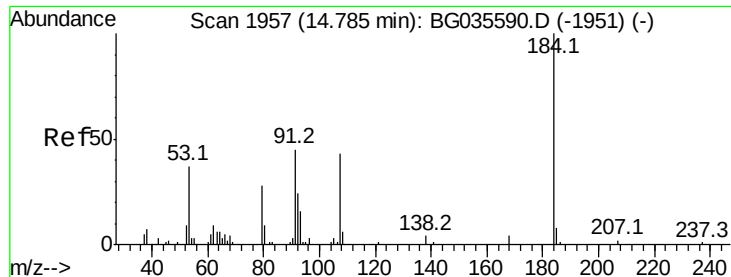
Acq: 9 Aug 2018 13:43

Tgt Ion	Ratio	Lower	Upper
138	100		
108	12.1	17.5	26.3#
92	136.8	105.8	158.8



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





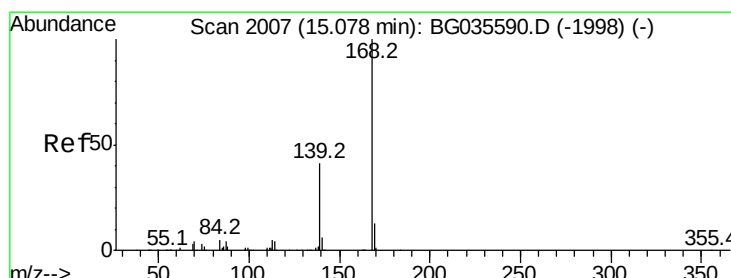
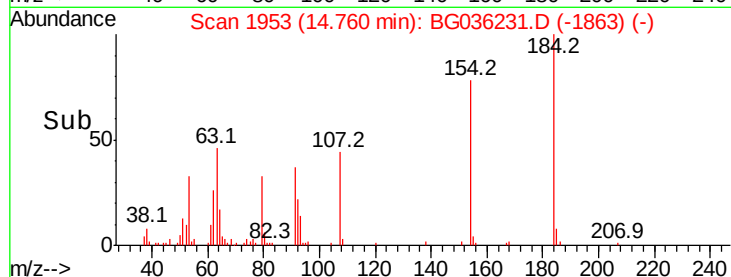
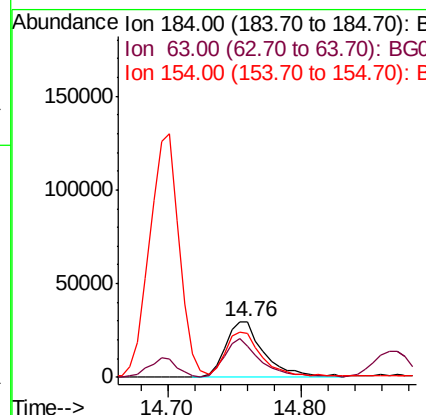
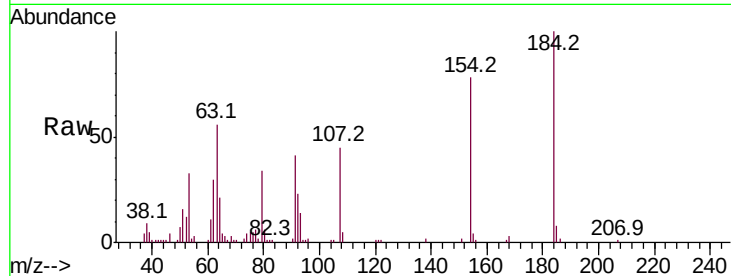
#53
2,4-Dinitrophenol
Concen: 83.436 ng
RT: 14.76 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG036231.D
Acq: 9 Aug 2018 13:43

Instrument :
BNA_G
ClientSampleId :
PB111883BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	55.7	59.8	89.8#
154	77.9	101.8	152.8#

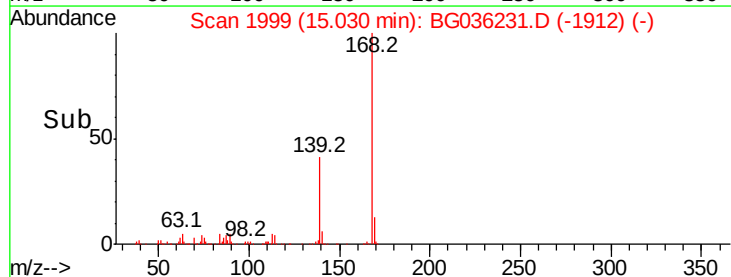
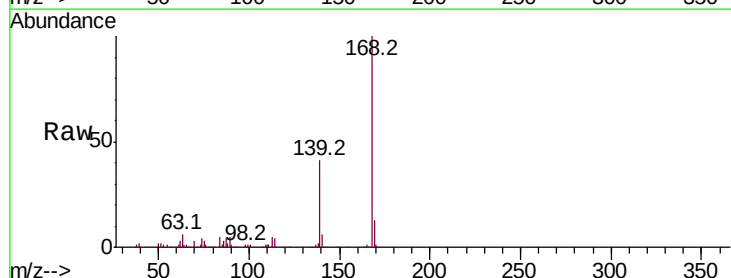
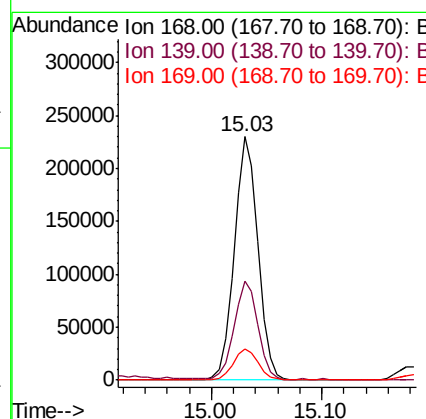
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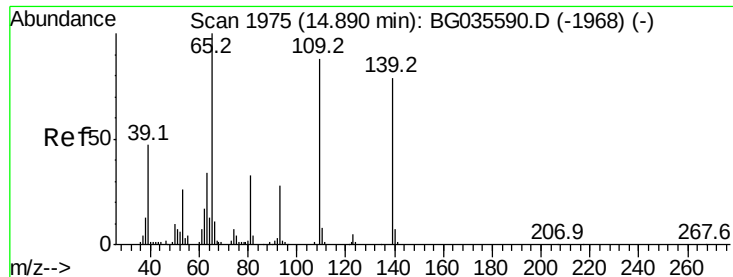
Sohil
8/9/2018 3:17:10 PM



#54
Dibenzofuran
Concen: 43.837 ng
RT: 15.03 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BG036231.D
Acq: 9 Aug 2018 13:43

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.6	28.6	43.0
169	12.8	11.2	16.8





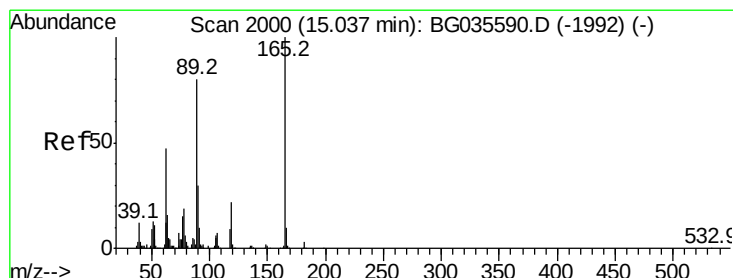
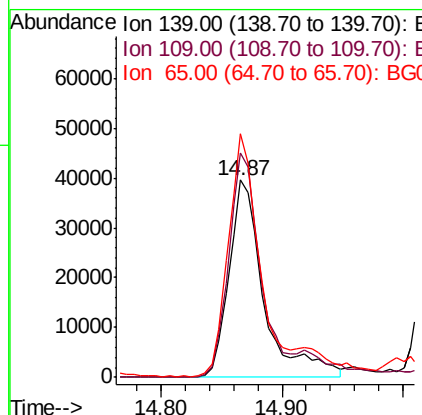
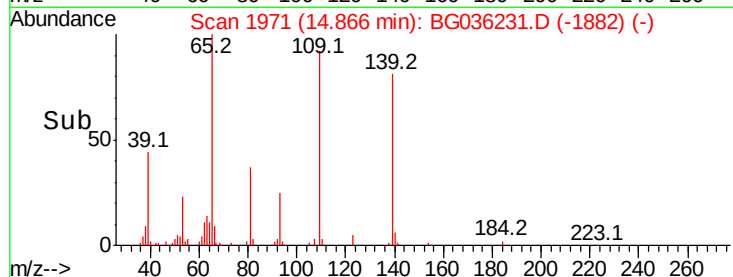
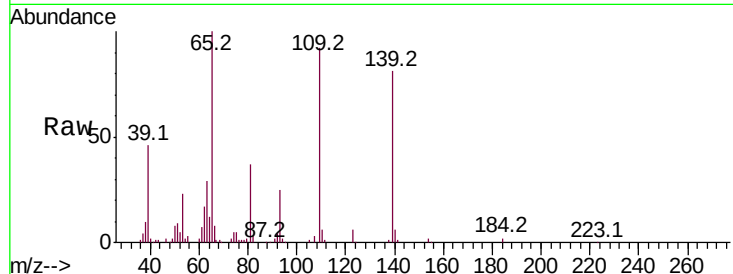
#55
4-Nitrophenol
Concen: 77.838 ng
RT: 14.87 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BG036231.D
Acq: 9 Aug 2018 13:43

Instrument :
BNA_G
ClientSampleId :
PB111883BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	114.0	62.2	102.2#	
65	123.4	97.2	137.2	

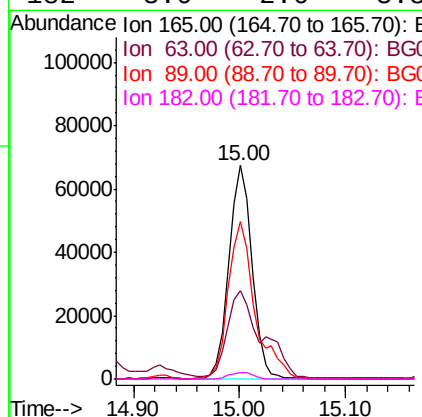
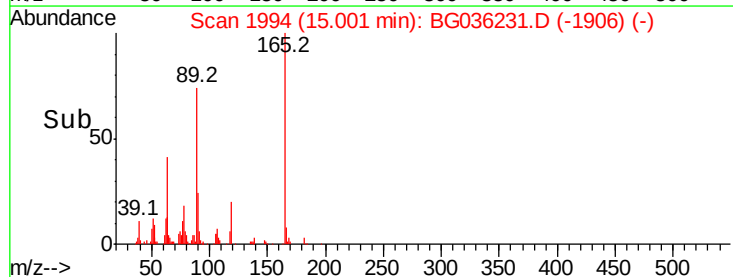
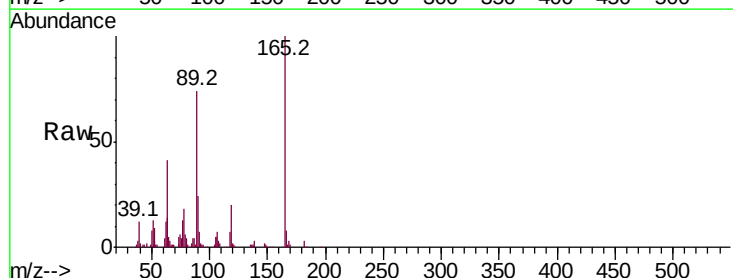
Manual Integrations
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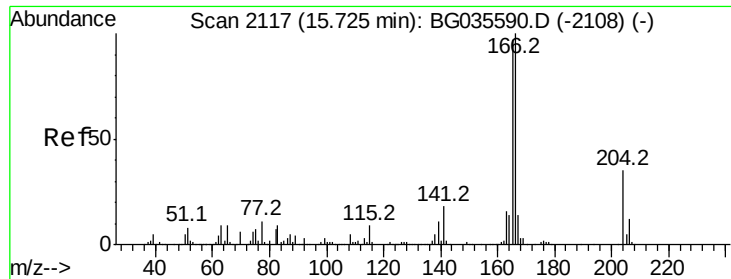
Sohil
8/9/2018 3:17:10 PM



#56
2,4-Dinitrotoluene
Concen: 50.567 ng
RT: 15.00 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BG036231.D
Acq: 9 Aug 2018 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	41.2	42.0	63.0#	
89	73.8	66.9	100.3	
182	3.0	2.6	3.8	





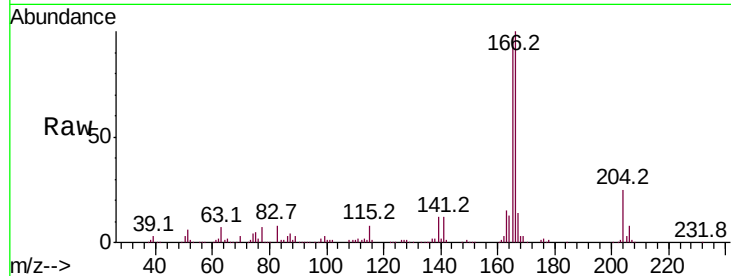
#57
Fluorene
Concen: 43.371 ng
RT: 15.68 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BG036231.D
Acq: 9 Aug 2018 13:43

Instrument :
BNA_G
ClientSampled :
PB111883BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	285092		
165	96.7	80.6	121.0	
167	13.7	10.4	15.6	

Manual Integrations
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Sohil
8/9/2018 3:17:10 PM

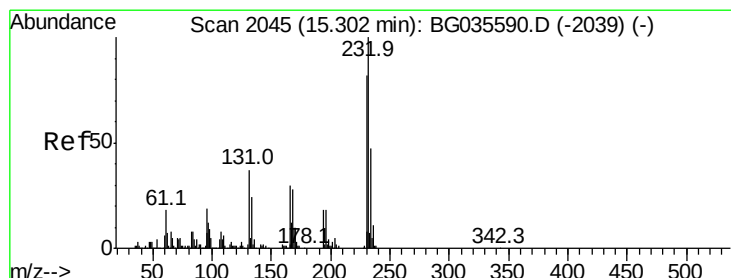
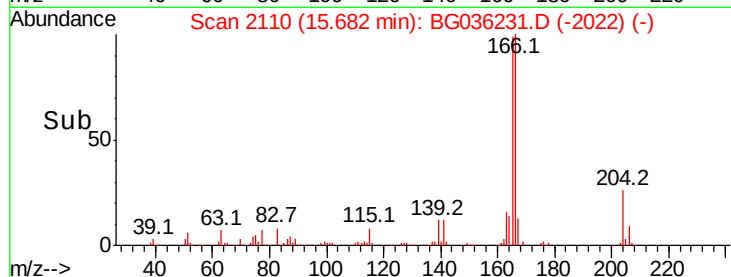
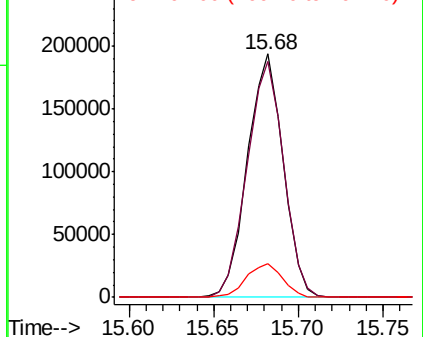


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58
2,3,4,6-Tetrachlorophenol
Concen: 53.642 ng
RT: 15.26 min Scan# 2038
Delta R.T. -0.02 min
Lab File: BG036231.D
Acq: 9 Aug 2018 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	99522		
131	35.1	33.5	50.3	
130	2.4	2.2	3.2	
166	26.2	24.8	37.2	

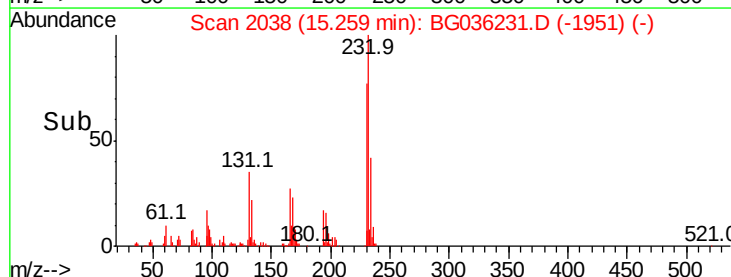
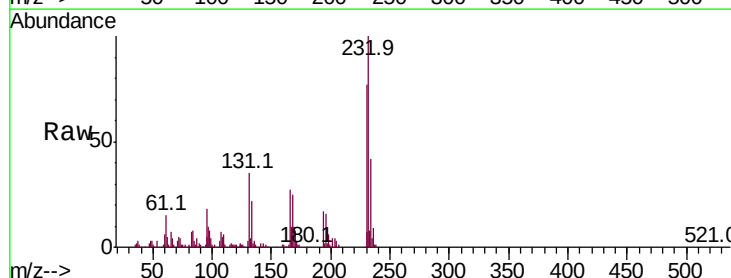
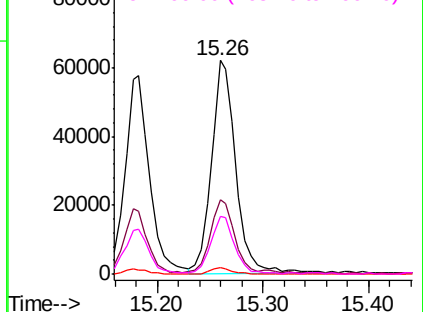
Abundance

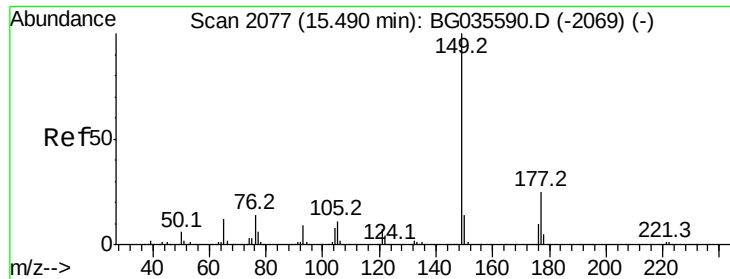
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





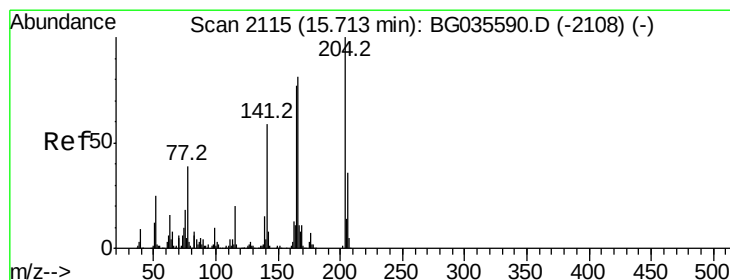
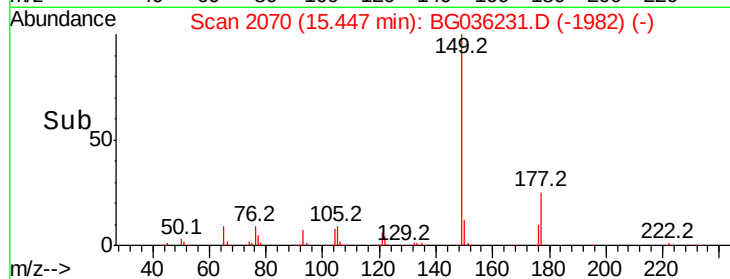
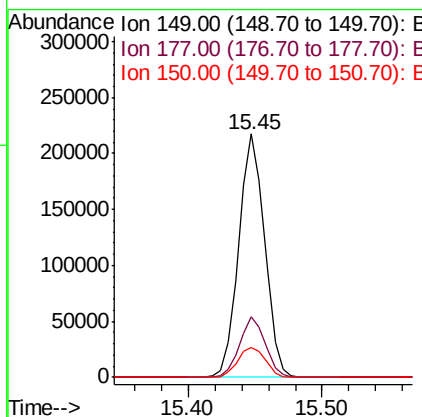
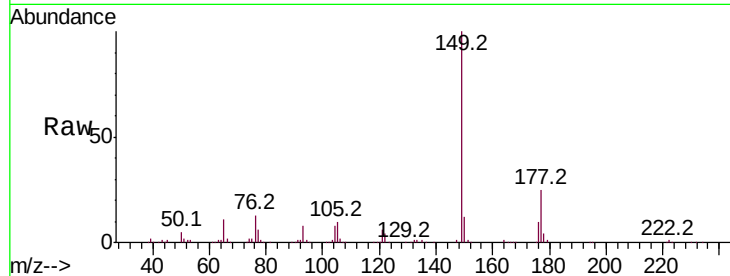
#59
 Diethylphthalate
 Concen: 41.305 ng
 RT: 15.45 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: BG036231.D
 Acq: 9 Aug 2018 13:43

Instrument :
 BNA_G
 ClientSampleId :
 PB111883BSD

Tot Ion:	149	Resp:	291611
Ion Ratio	Lower	Upper	
149	100		
177	25.0	18.5	27.7
150	12.2	10.2	15.2

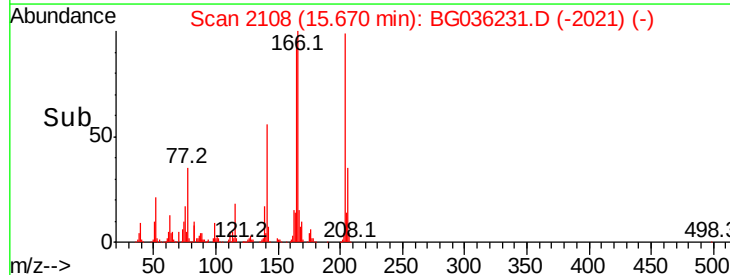
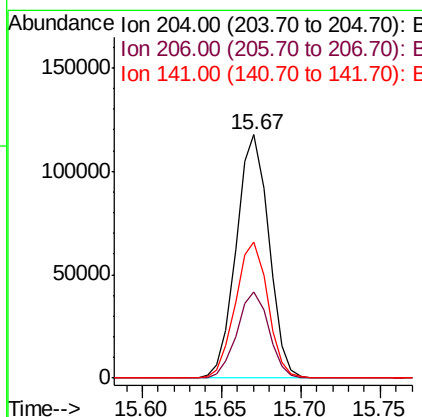
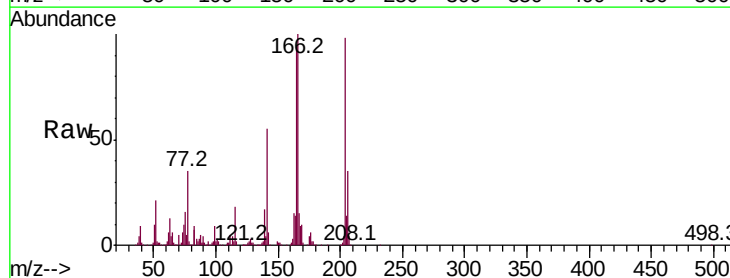
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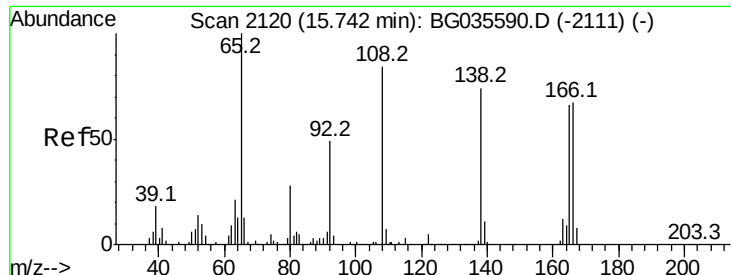
Sohil
 8/9/2018 3:17:10 PM



#60
 4-Chlorophenyl-phenylether
 Concen: 43.571 ng
 RT: 15.67 min Scan# 2108
 Delta R.T. -0.02 min
 Lab File: BG036231.D
 Acq: 9 Aug 2018 13:43

Tgt Ion:	204	Resp:	168335
Ion Ratio	Lower	Upper	
204	100		
206	35.5	26.2	39.2
141	56.1	45.8	68.6





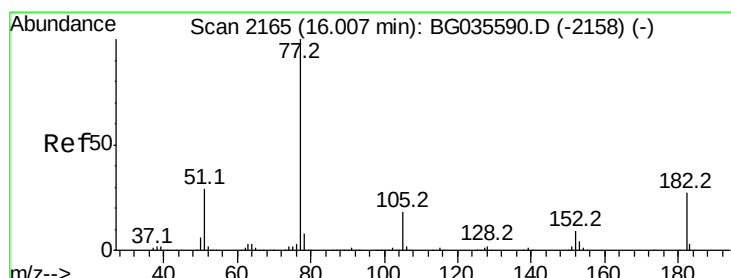
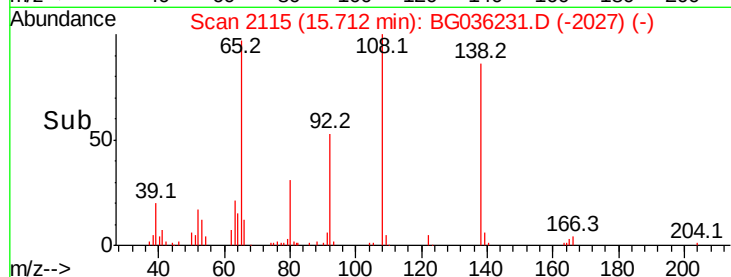
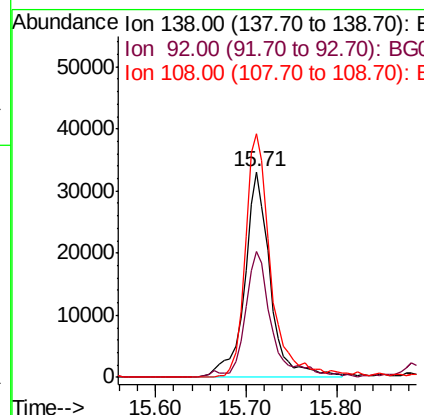
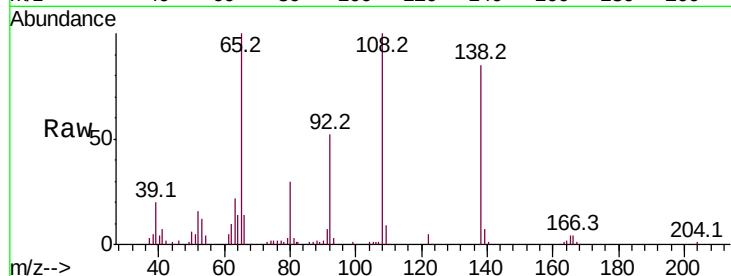
#61
4-Nitroaniline
Concen: 43.436 ng
RT: 15.71 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BG036231.D
Acq: 9 Aug 2018 13:43

Instrument :
BNA_G
ClientSampleId :
PB111883BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	61.0	40.1	80.1
108	118.3	65.4	105.4#

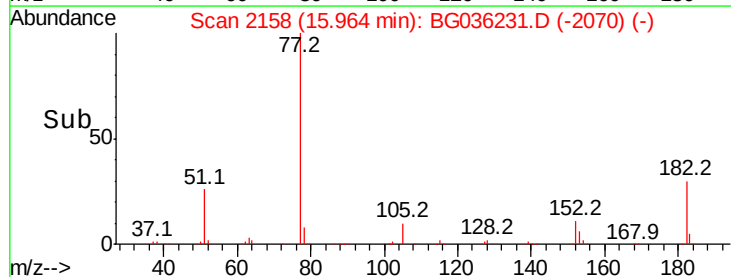
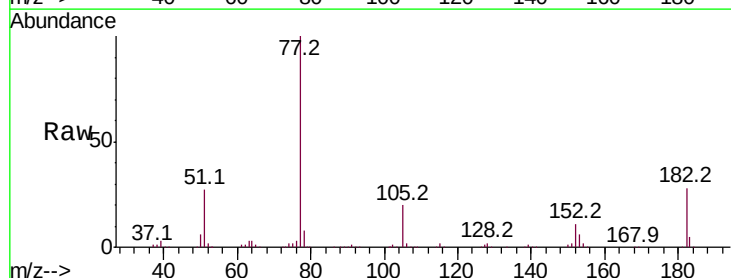
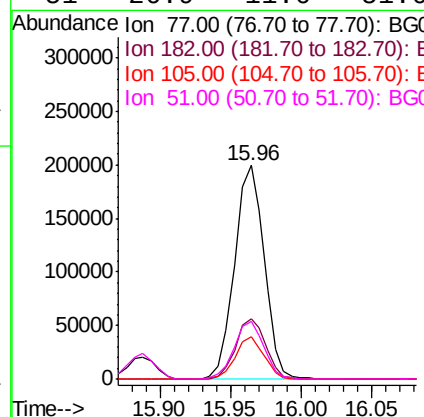
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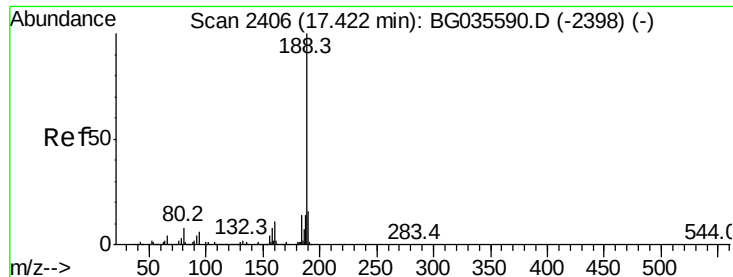
Sohil
8/9/2018 3:17:10 PM



#62
Azobenzene
Concen: 41.639 ng
RT: 15.96 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BG036231.D
Acq: 9 Aug 2018 13:43

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.3	7.4	47.4
105	19.5	0.3	40.3
51	26.9	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BG036231.D

Acq: 9 Aug 2018 13:43

Instrument :

BNA_G

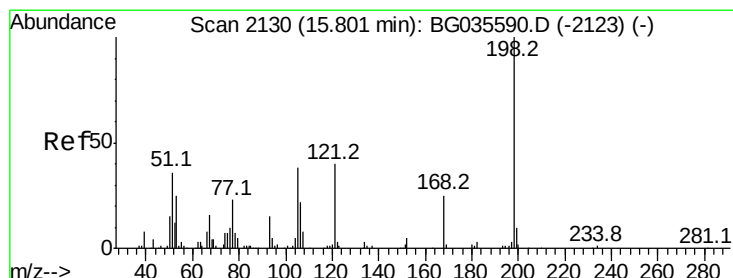
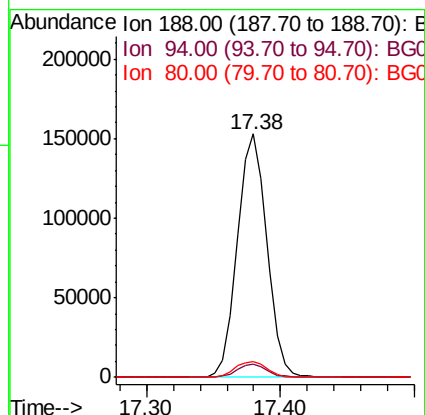
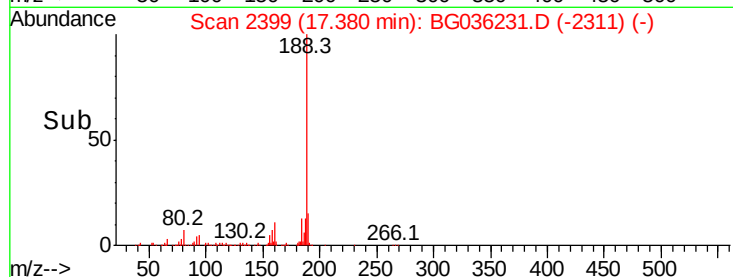
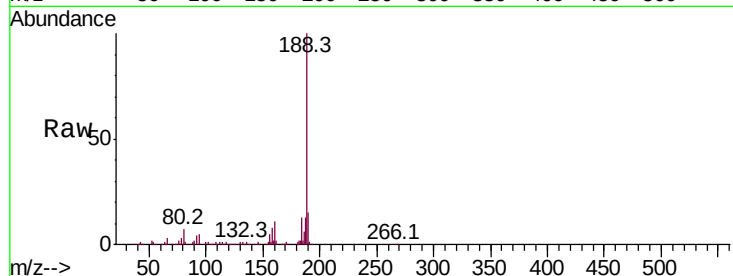
ClientSampleId :

PB111883BSD

Tot Ion:188	Resp: 234576
Ion Ratio Lower Upper	
188 100	
94 5.3 6.9 10.3#	
80 6.6 7.7 11.5#	

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#64

4,6-Dinitro-2-methylphenol

Concen: 46.406 ng

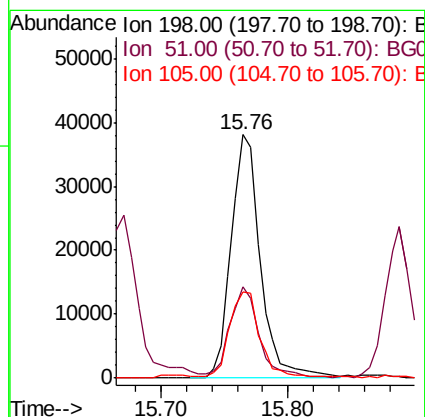
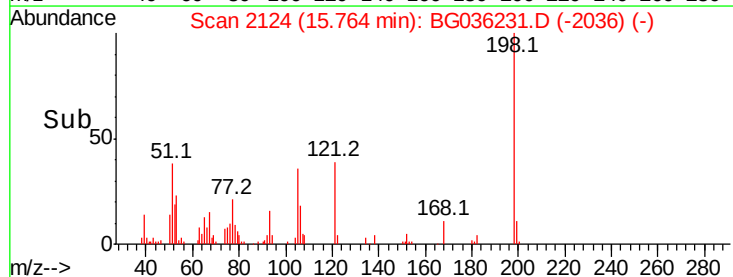
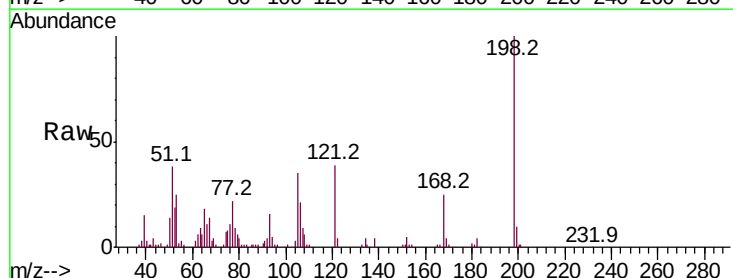
RT: 15.76 min Scan# 2124

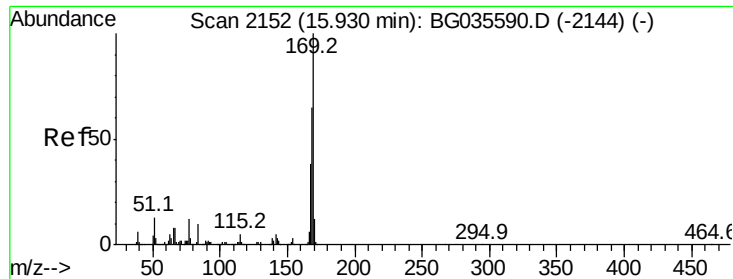
Delta R.T. -0.01 min

Lab File: BG036231.D

Acq: 9 Aug 2018 13:43

Tgt Ion:198	Resp: 60597
Ion Ratio Lower Upper	
198 100	
51 37.6 30.6 70.6	
105 35.2 23.8 63.8	





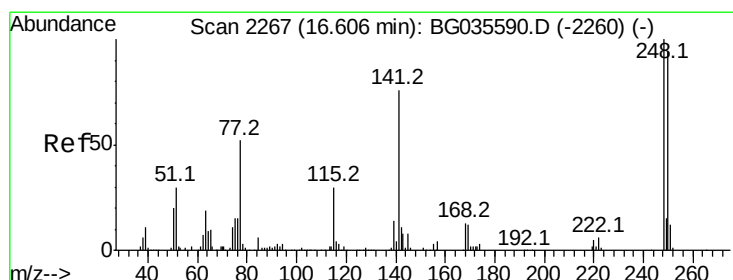
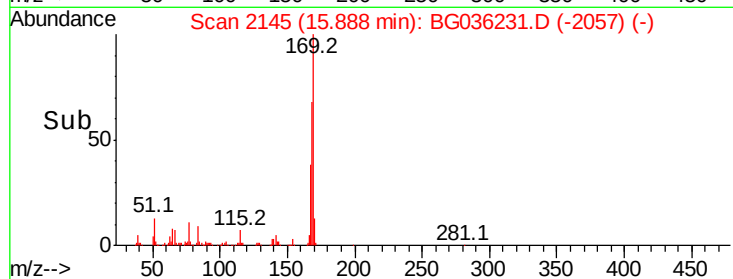
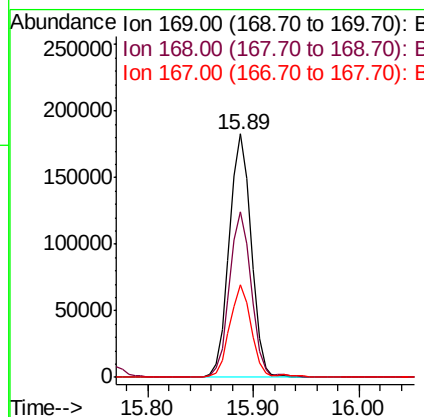
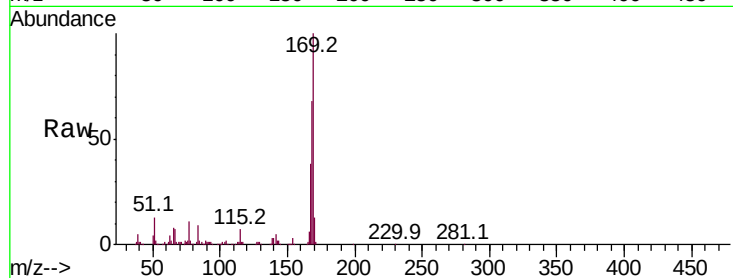
#65
n-Nitrosodiphenylamine
Concen: 39.182 ng
RT: 15.89 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BG036231.D
Acq: 9 Aug 2018 13:43

Instrument :
BNA_G
ClientSampleId :
PB111883BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	261617		
168	68.0		55.7	83.5
167	37.9		30.1	45.1

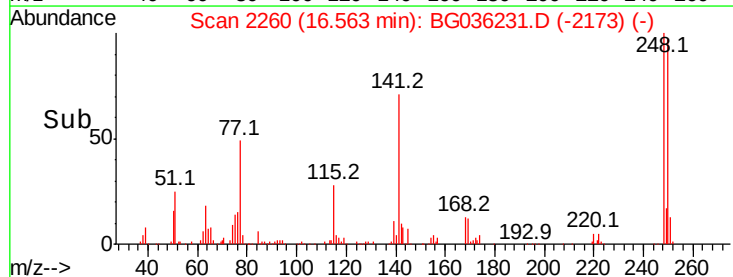
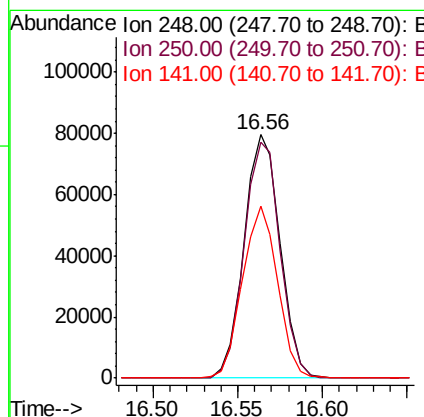
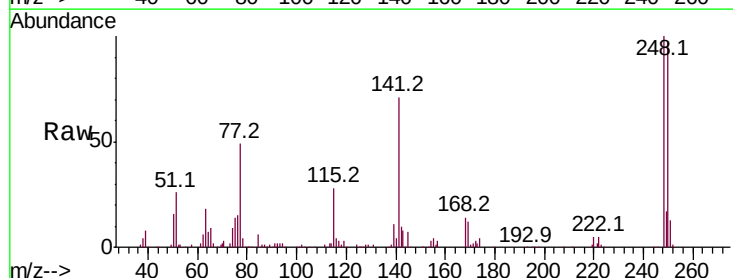
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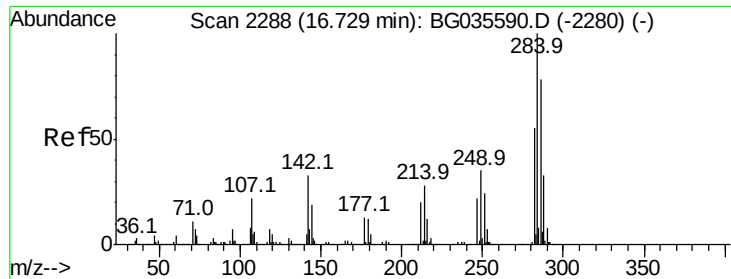
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 43.146 ng
RT: 16.56 min Scan# 2260
Delta R.T. -0.02 min
Lab File: BG036231.D
Acq: 9 Aug 2018 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	117420		
250	96.9		77.1	115.7
141	70.8		50.8	76.2





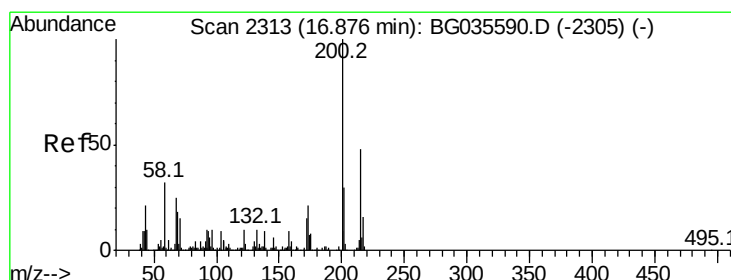
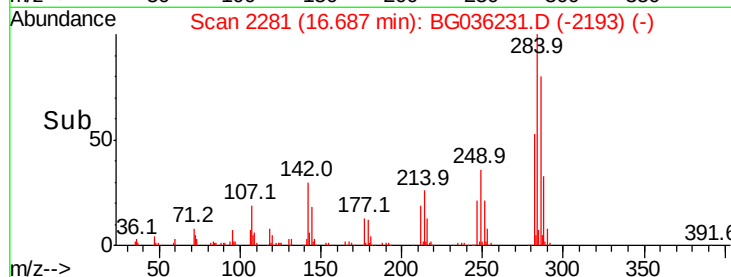
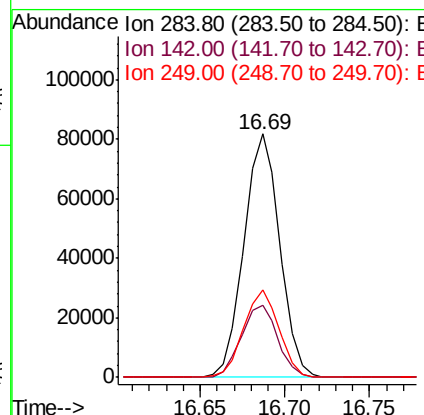
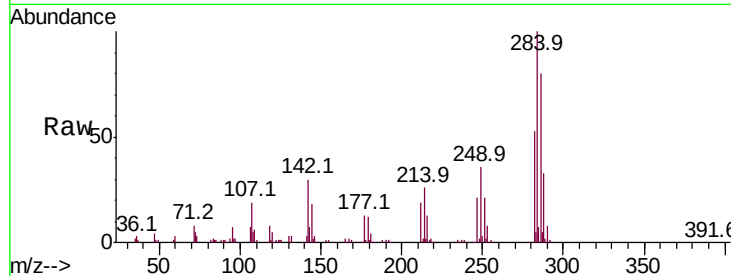
#67
 Hexachlorobenzene
 Concen: 42.812 ng
 RT: 16.69 min Scan# 2281
 Delta R.T. -0.01 min
 Lab File: BG036231.D
 Acq: 9 Aug 2018 13:43

Instrument :
 BNA_G
 ClientSampleId :
 PB111883BSD

Tot Ion:	284	Resp:	119985
Ion Ratio		Lower	Upper
284	100		
142	29.9	26.8	40.2
249	35.8	26.3	39.5

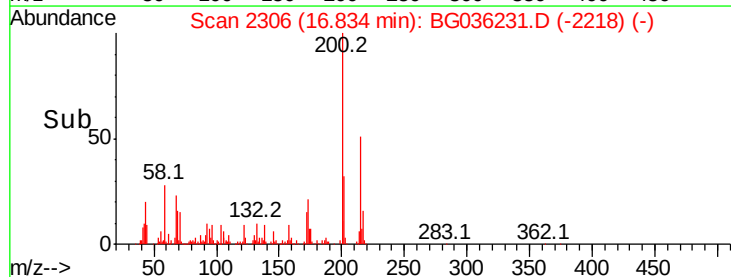
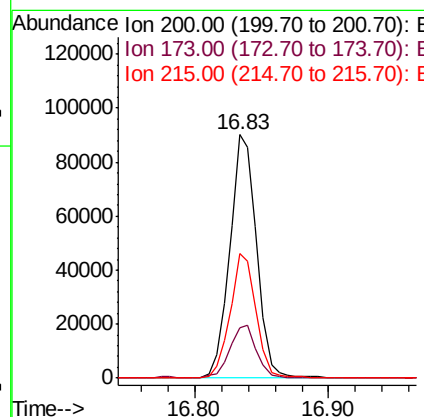
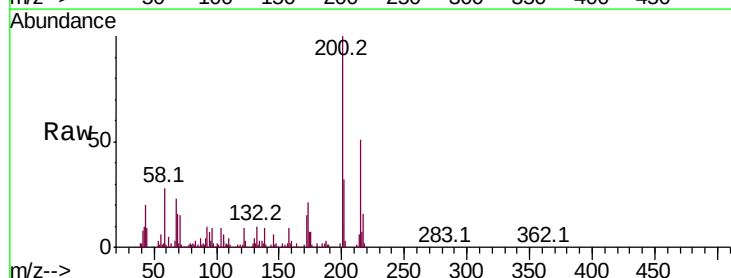
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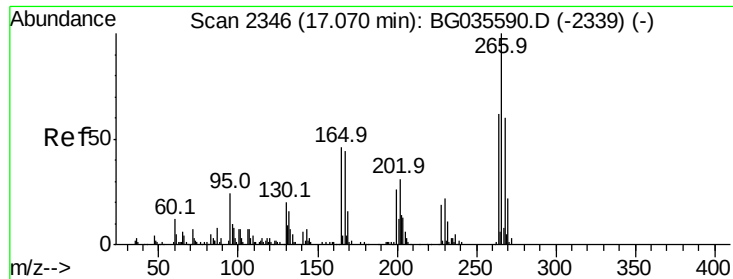
Sohil
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#68
 Atrazine
 Concen: 46.235 ng
 RT: 16.83 min Scan# 2306
 Delta R.T. -0.01 min
 Lab File: BG036231.D
 Acq: 9 Aug 2018 13:43

Tgt Ion:	200	Resp:	127104
Ion Ratio		Lower	Upper
200	100		
173	20.5	5.2	45.2
215	51.2	30.4	70.4





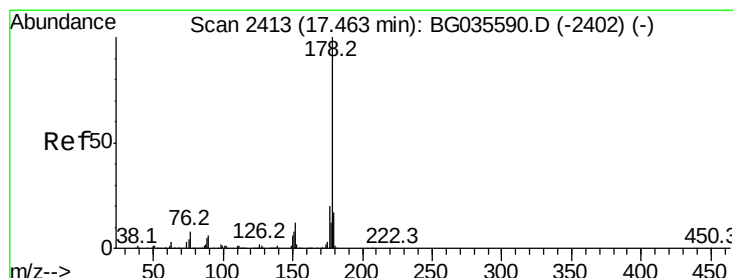
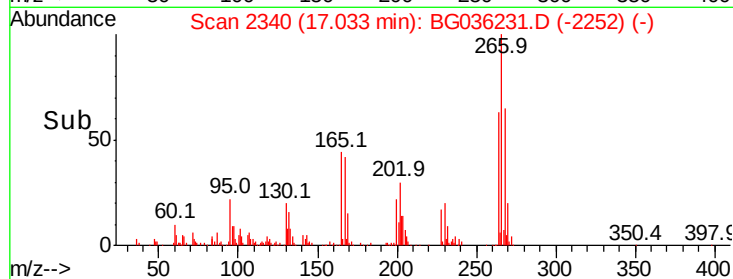
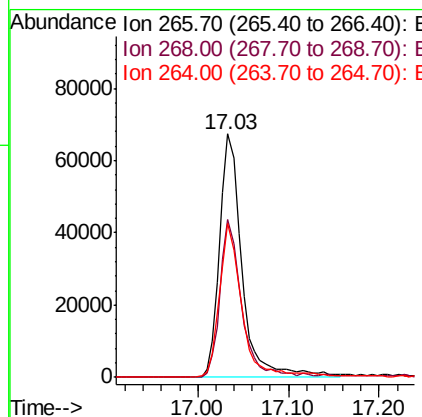
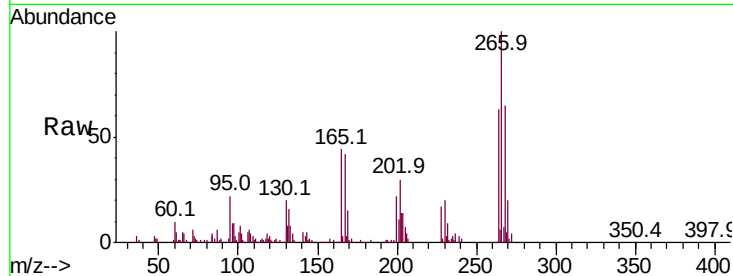
#69
 Pentachlorophenol
 Concen: 67.835 ng
 RT: 17.03 min Scan# 2340
 Delta R.T. -0.01 min
 Lab File: BG036231.D
 Acq: 9 Aug 2018 13:43

Instrument :
 BNA_G
 ClientSampleId :
 PB111883BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	64.9	51.1	76.7	
264	63.2	49.6	74.4	

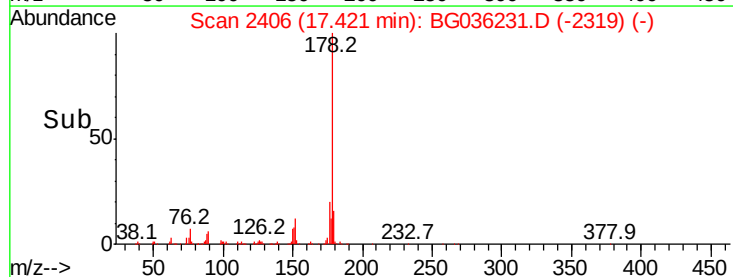
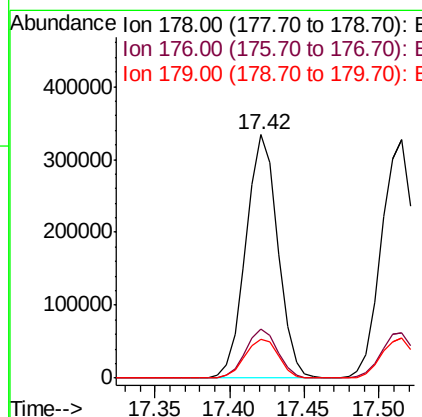
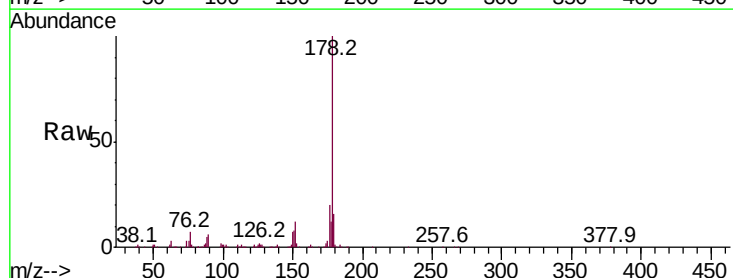
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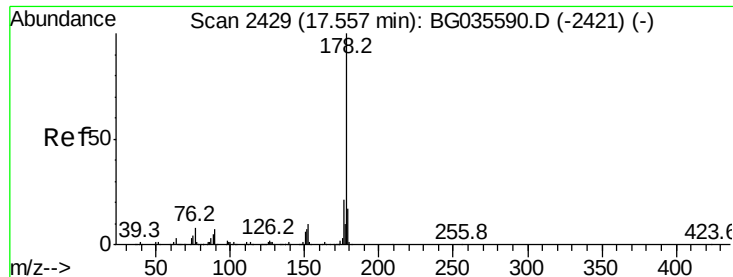
Sohil
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#70
 Phenanthrene
 Concen: 42.212 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.02 min
 Lab File: BG036231.D
 Acq: 9 Aug 2018 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	20.1	15.7	23.5	
179	16.1	12.5	18.7	





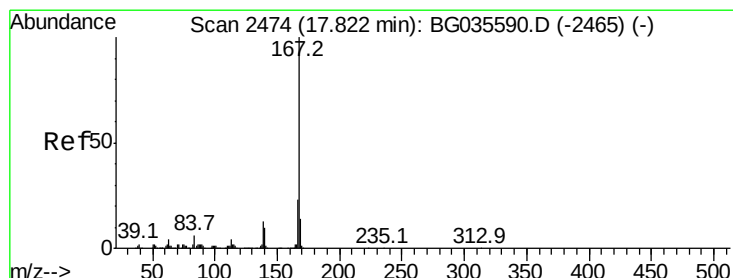
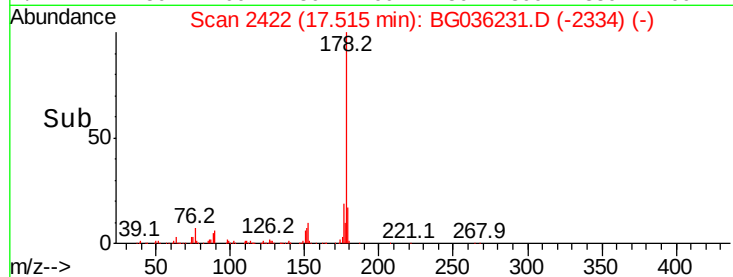
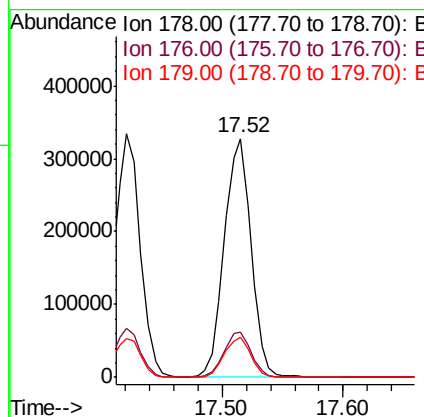
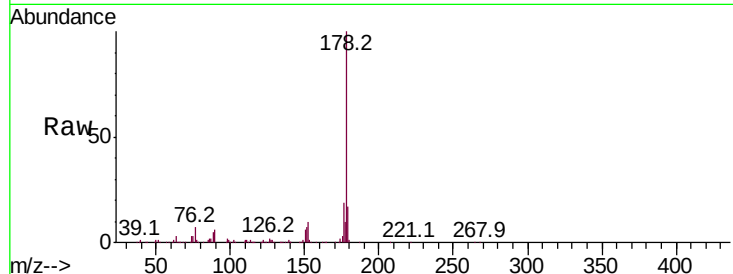
#71
 Anthracene
 Concen: 43.186 ng
 RT: 17.52 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG036231.D
 Acq: 9 Aug 2018 13:43

Instrument :
 BNA_G
 ClientSampleId :
 PB111883BSD

Tot Ion:178	Resp: 503329
Ion Ratio	Lower Upper
178 100	
176 19.2	16.0 24.0
179 16.9	12.5 18.7

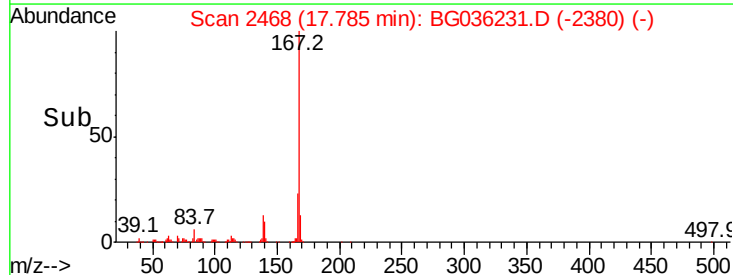
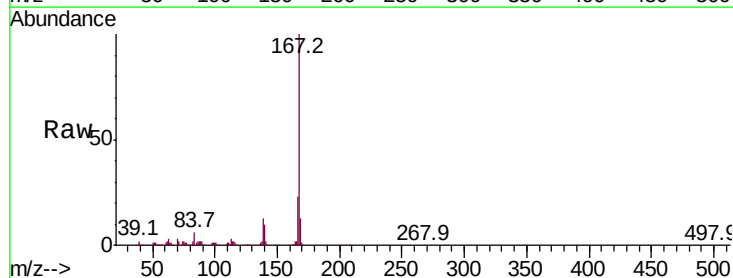
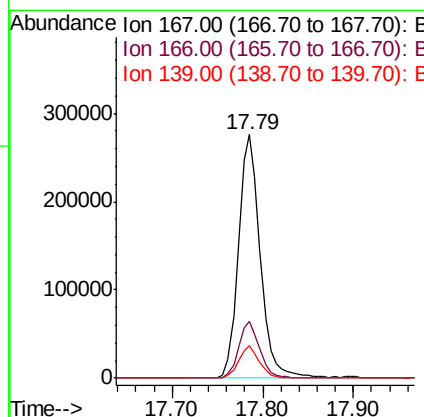
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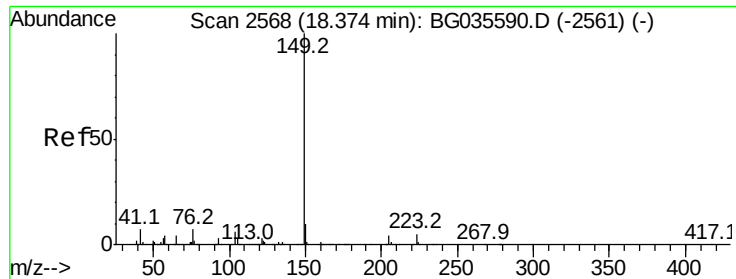
Sohil
 8/9/2018 3:17:10 PM



#72
 Carbazole
 Concen: 41.766 ng
 RT: 17.79 min Scan# 2468
 Delta R.T. -0.01 min
 Lab File: BG036231.D
 Acq: 9 Aug 2018 13:43

Tgt Ion:167	Resp: 462283
Ion Ratio	Lower Upper
167 100	
166 23.1	18.2 27.4
139 13.3	9.4 14.2





#73

Di-n-butylphthalate

Concen: 40.898 ng

RT: 18.33 min Scan# 2561

Delta R.T. -0.02 min

Lab File: BG036231.D

Acq: 9 Aug 2018 13:43

Instrument :

BNA_G

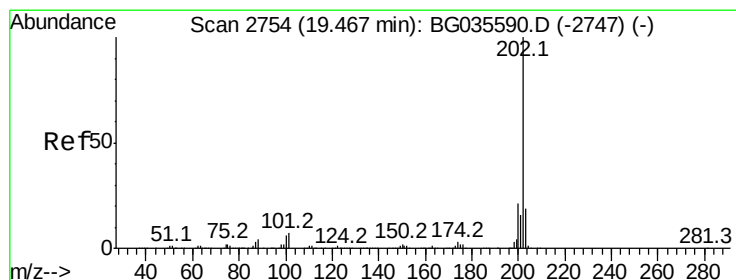
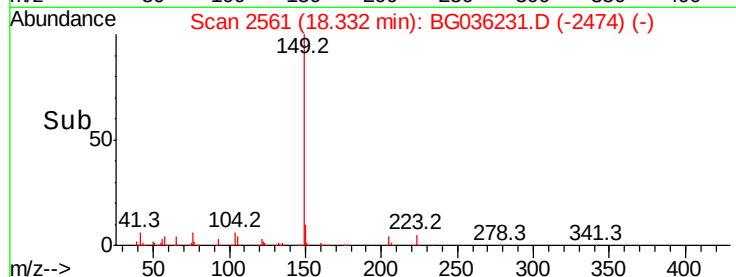
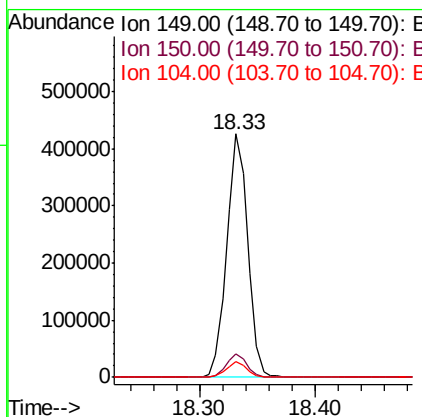
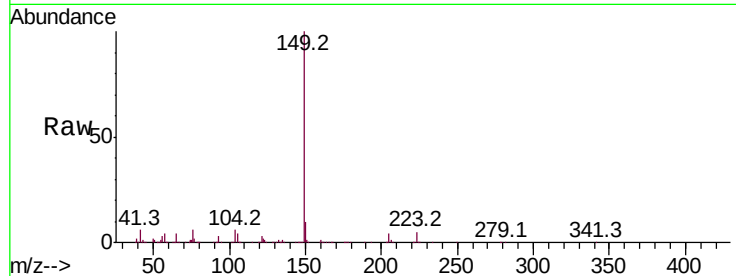
ClientSampleId :

PB111883BSD

Tot Ion:	149	Resp:	534941
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.8	11.6
104	6.3	3.9	5.9

Manual Integrations
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#74

Fluoranthene

Concen: 43.830 ng

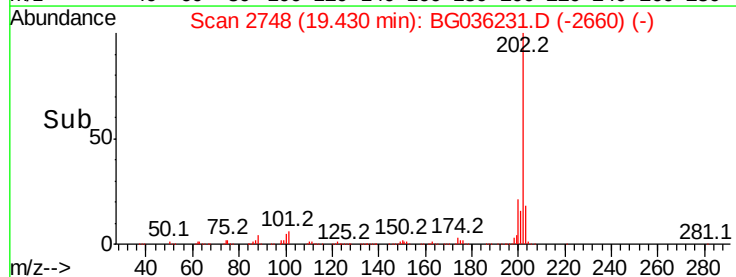
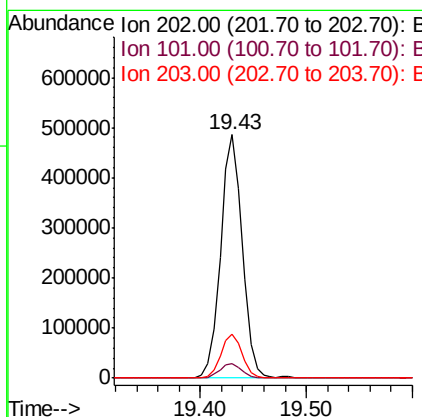
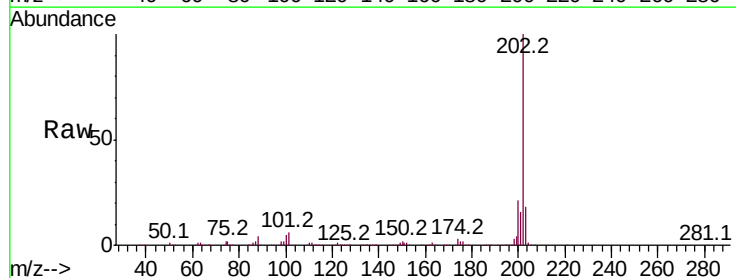
RT: 19.43 min Scan# 2748

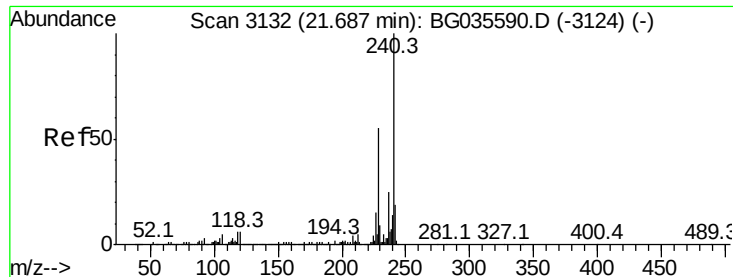
Delta R.T. -0.01 min

Lab File: BG036231.D

Acq: 9 Aug 2018 13:43

Tgt Ion:	202	Resp:	691035
Ion Ratio	Lower	Upper	
202	100		
101	6.0	0.0	28.9
203	18.1	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BG036231.D

Acq: 9 Aug 2018 13:43

Instrument :

BNA_G

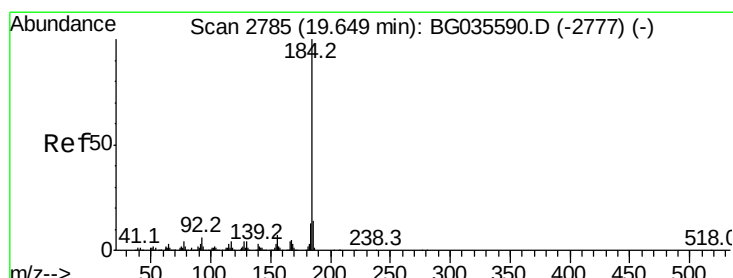
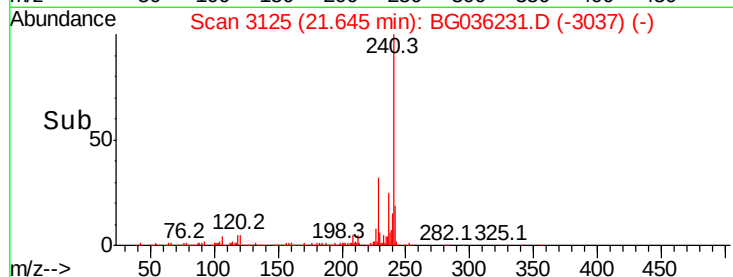
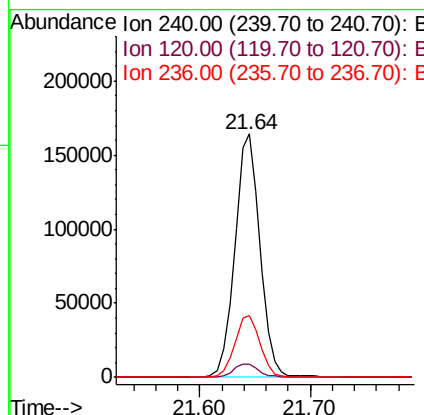
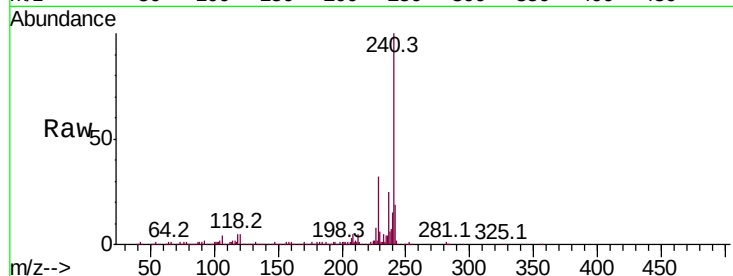
ClientSampleId :

PB111883BSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100	262095		
120	5.2	6.8	10.2#	
236	25.4	20.9	31.3	

Manual Integrations
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8/9/2018 3:17:10 PM



#76

Benzidine

Concen: 30.777 ng

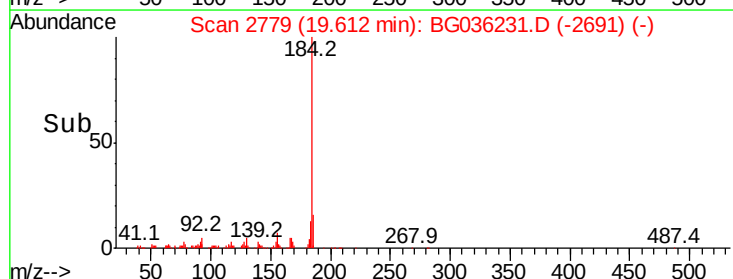
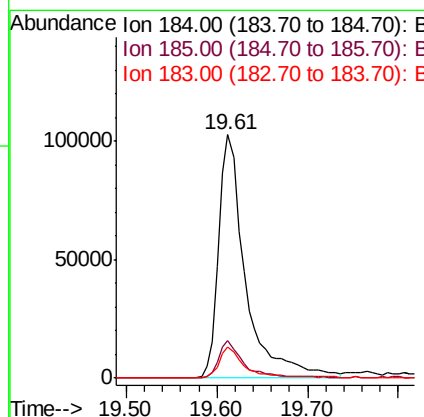
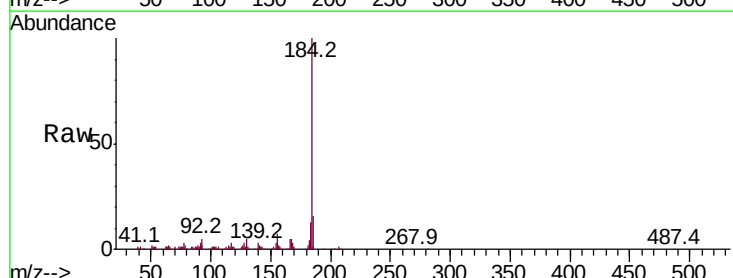
RT: 19.61 min Scan# 2779

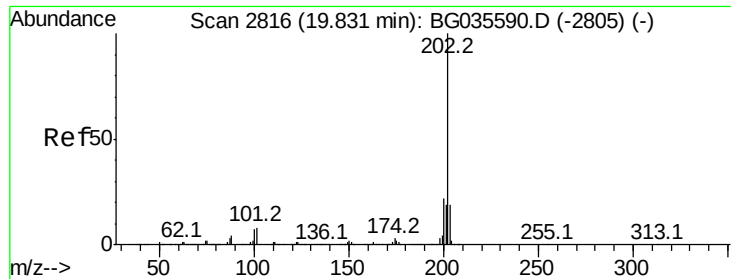
Delta R.T. -0.01 min

Lab File: BG036231.D

Acq: 9 Aug 2018 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	212073		
185	15.7	11.1	16.7	
183	12.9	10.6	16.0	





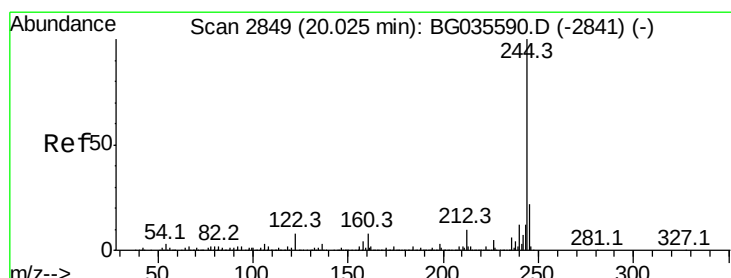
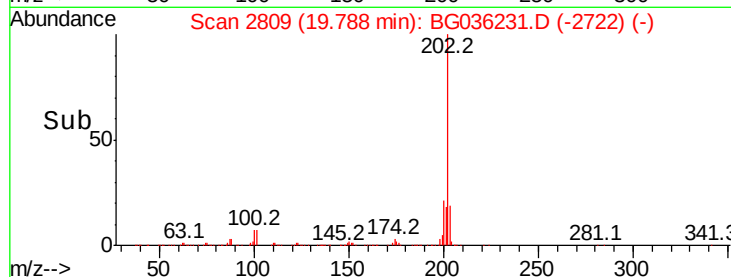
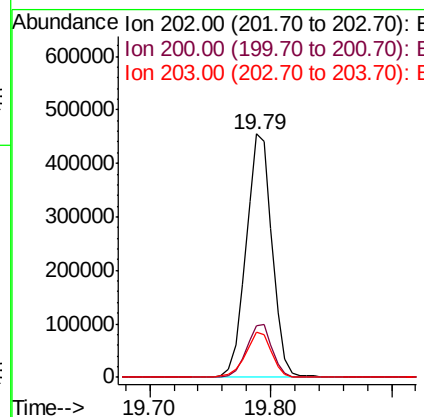
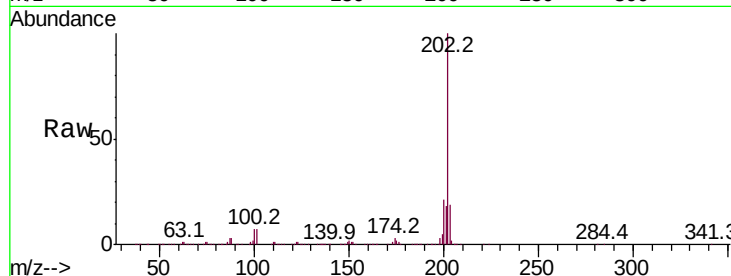
#77
Pvrene
Concen: 41.263 ng
RT: 19.79 min Scan# 2809
Delta R.T. -0.02 min
Lab File: BG036231.D
Acq: 9 Aug 2018 13:43

Instrument :
BNA_G
ClientSampleId :
PB111883BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.3	16.9	25.3
203	18.5	13.9	20.9

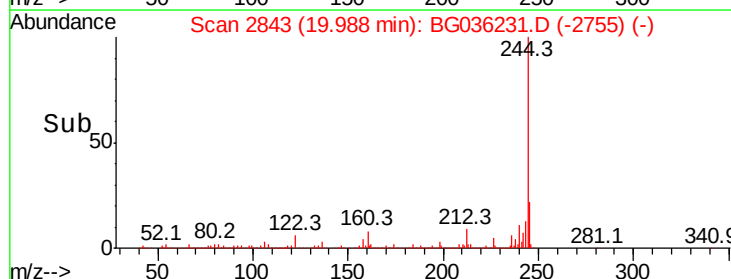
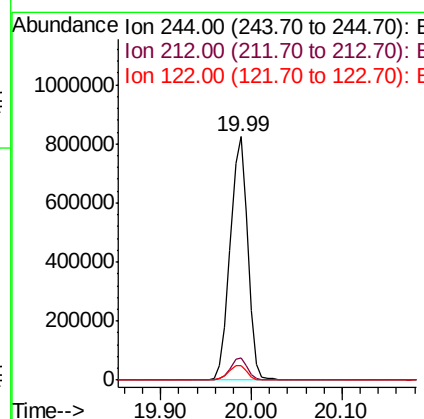
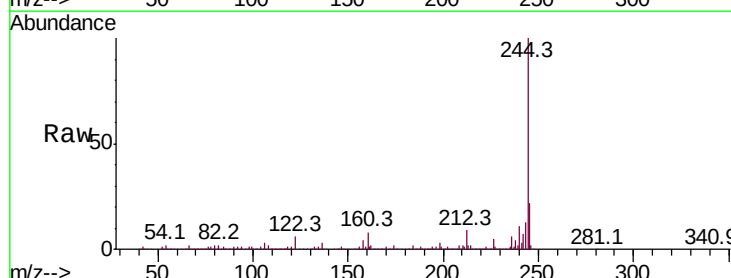
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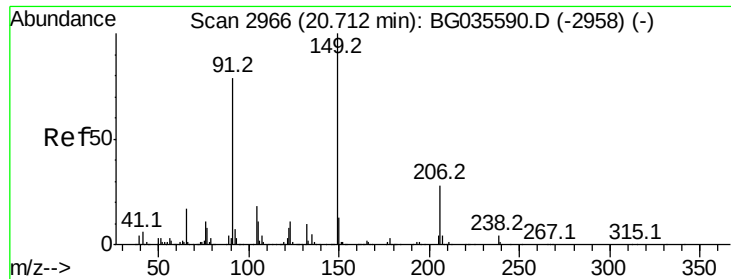
Sohil
8/9/2018 3:17:10 PM



#78
Terphenyl-d14
Concen: 92.890 ng
RT: 19.99 min Scan# 2843
Delta R.T. -0.01 min
Lab File: BG036231.D
Acq: 9 Aug 2018 13:43

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	9.3	5.8	8.8#
122	6.0	7.0	10.4#





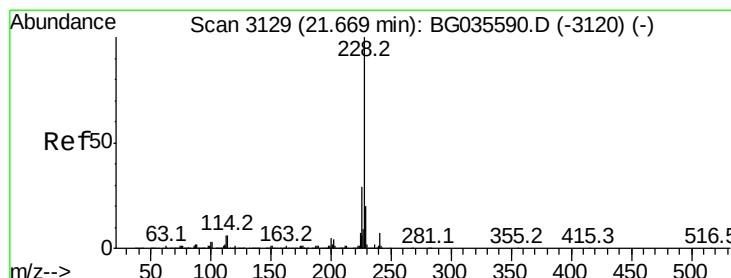
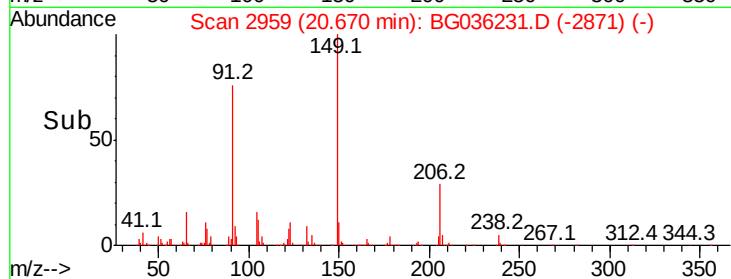
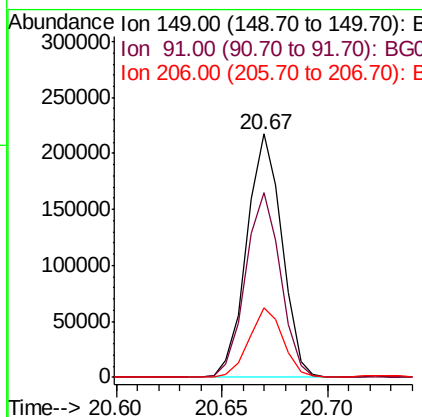
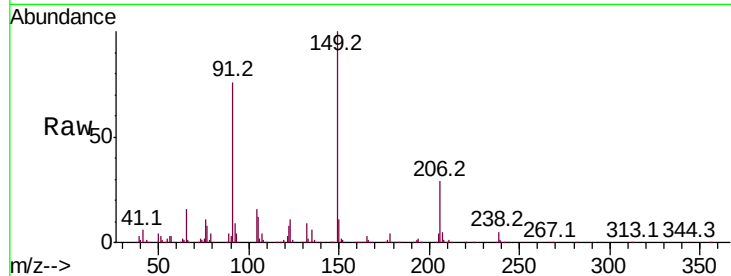
#79
Butylbenzylphthalate
Concen: 42.512 ng
RT: 20.67 min Scan# 2959
Delta R.T. -0.01 min
Lab File: BG036231.D
Acq: 9 Aug 2018 13:43

Instrument :
BNA_G
ClientSampleId :
PB111883BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	251945		
91	75.8	62.2	93.2	
206	28.6	18.6	27.8	

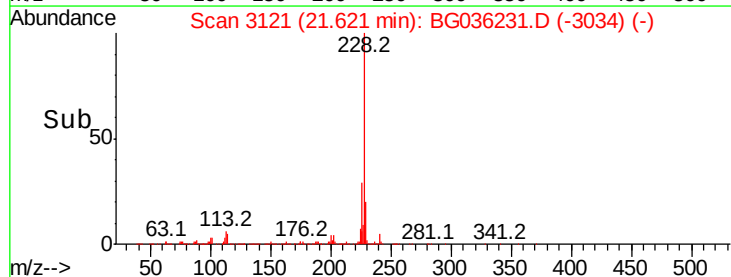
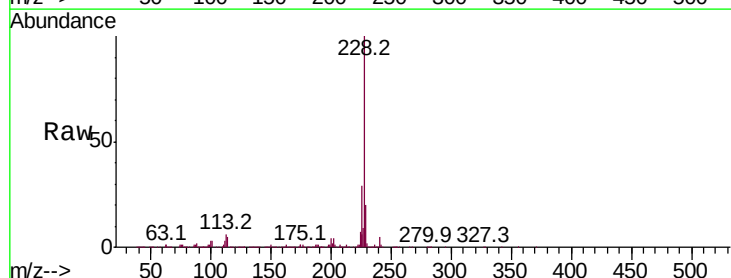
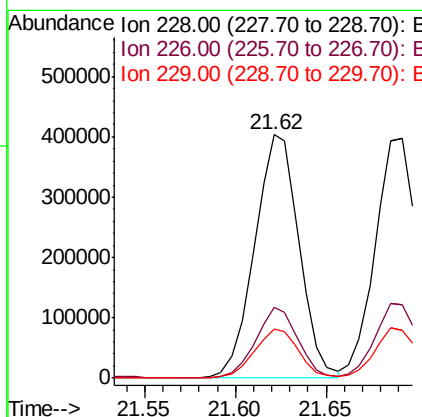
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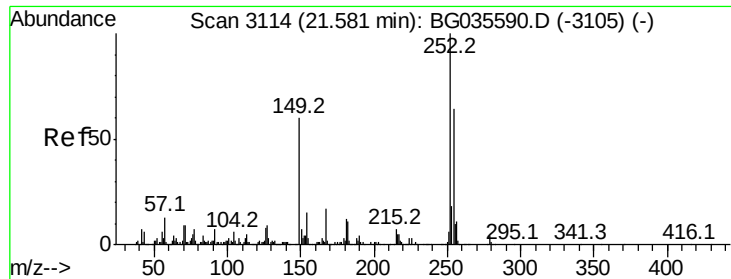
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#80
Benzo(a)anthracene
Concen: 42.275 ng
RT: 21.62 min Scan# 3121
Delta R.T. -0.02 min
Lab File: BG036231.D
Acq: 9 Aug 2018 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	690482		
226	29.1	22.7	34.1	
229	20.4	16.2	24.2	





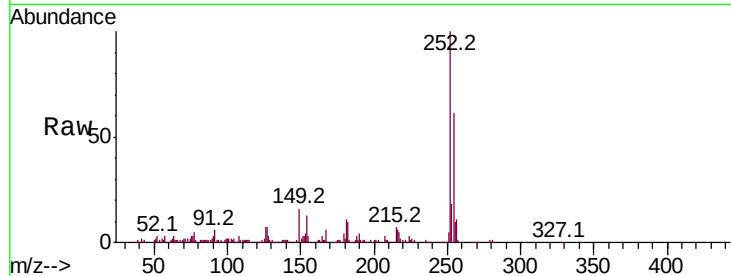
#81
 3,3'-Dichlorobenzidine
 Concen: 33.333 ng
 RT: 21.54 min Scan# 3107
 Delta R.T. -0.02 min
 Lab File: BG036231.D
 Acq: 9 Aug 2018 13:43

Instrument :
 BNA_G
 ClientSampleID :
 PB111883BSD

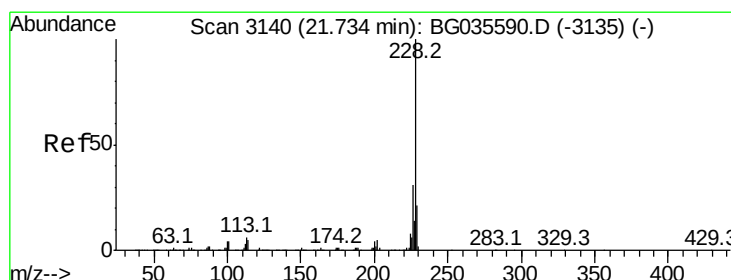
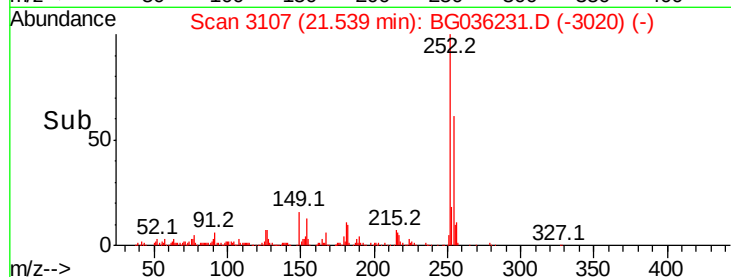
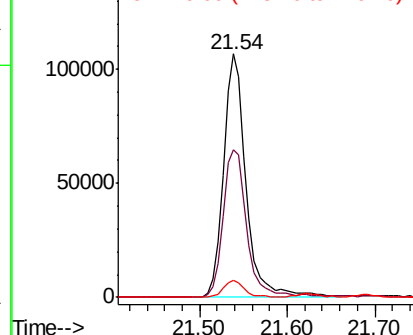
Tot Ion	Ratio	Resp	Lower	Upper
252	100	189834		
254	60.8	50.8	76.2	
126	7.2	7.4	11.2#	

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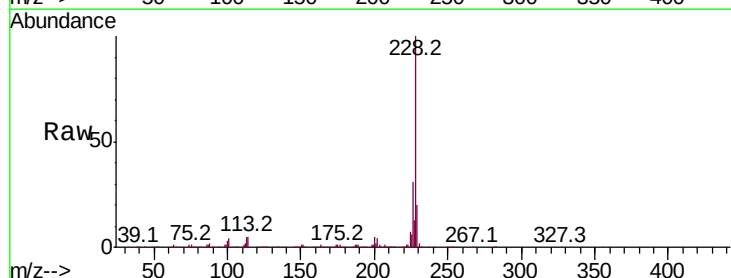


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

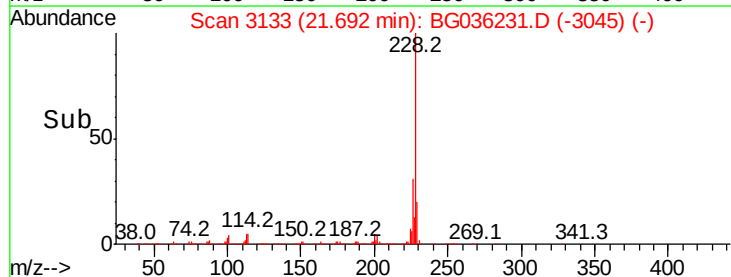
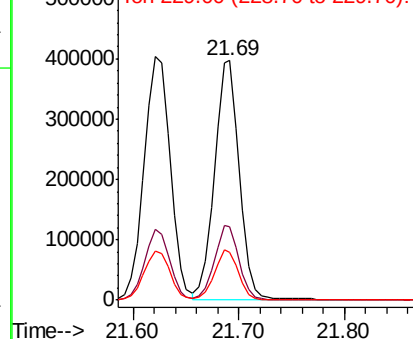


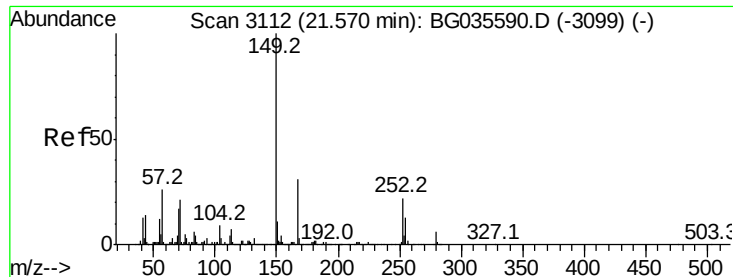
#82
 Chrysene
 Concen: 42.930 ng
 RT: 21.69 min Scan# 3133
 Delta R.T. -0.01 min
 Lab File: BG036231.D
 Acq: 9 Aug 2018 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	649757		
226	30.9	24.9	37.3	
229	20.2	15.0	22.4	



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





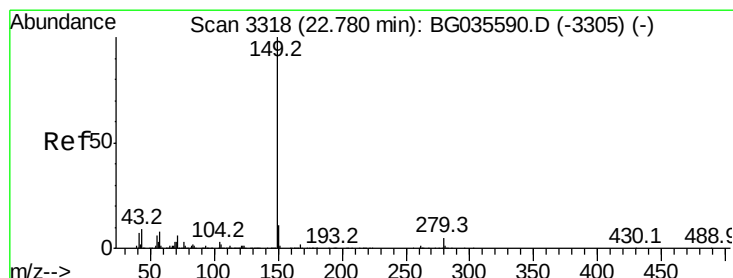
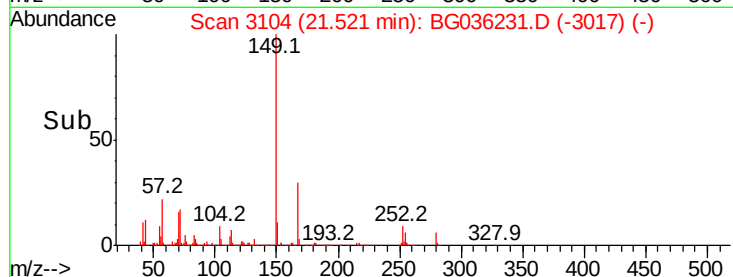
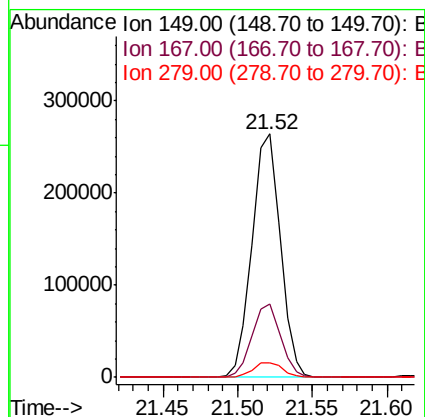
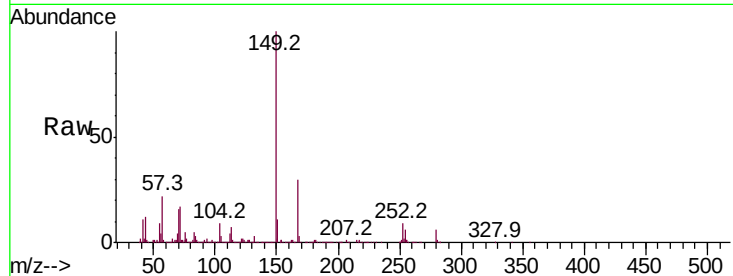
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.962 ng
 RT: 21.52 min Scan# 3104
 Delta R.T. -0.02 min
 Lab File: BG036231.D
 Acq: 9 Aug 2018 13:43

Instrument :
 BNA_G
 ClientSampleId :
 PB111883BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	30.3	24.3	36.5	
279	6.1	4.0	6.0	

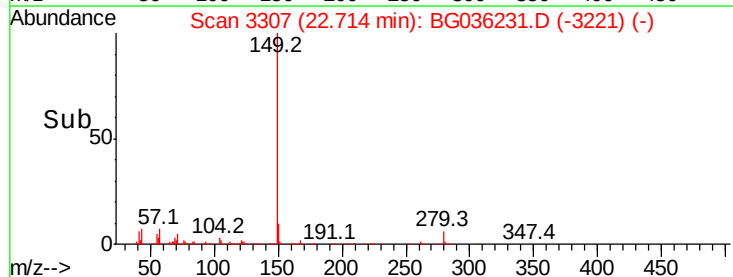
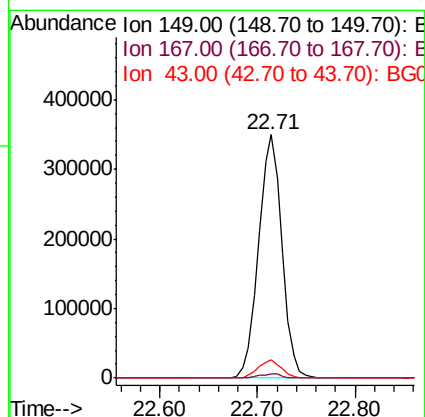
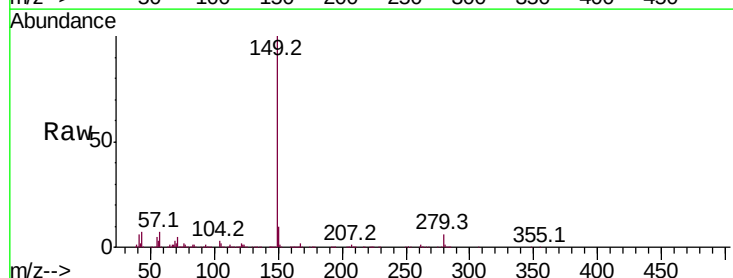
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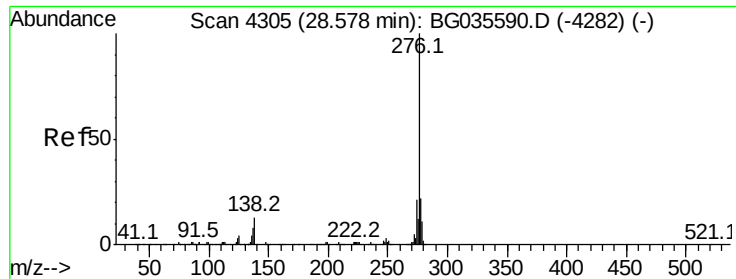
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#84
 Di-n-octyl phthalate
 Concen: 43.187 ng
 RT: 22.71 min Scan# 3307
 Delta R.T. -0.03 min
 Lab File: BG036231.D
 Acq: 9 Aug 2018 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.8	1.4	2.0	
43	7.6	8.9	13.3	





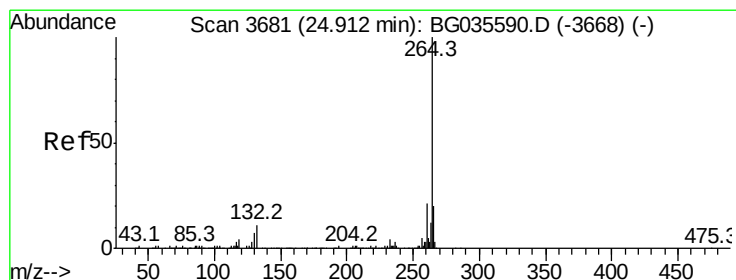
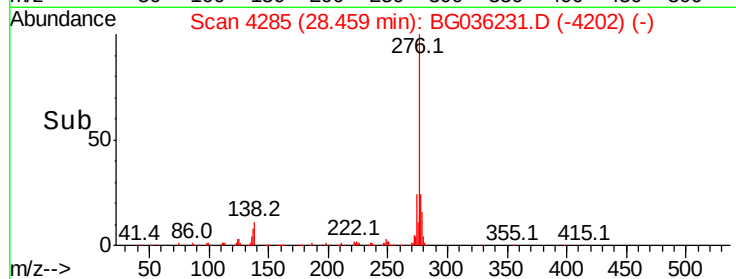
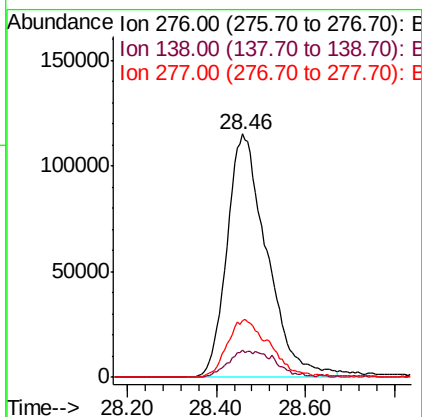
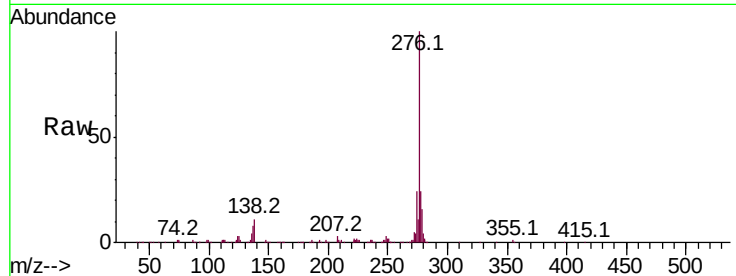
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.761 ng
RT: 28.46 min Scan# 4285
Delta R.T. -0.04 min
Lab File: BG036231.D
Acq: 9 Aug 2018 13:43

Instrument :
BNA_G
ClientSampleId :
PB111883BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	6.9	16.0	24.0#
277	25.3	20.0	30.0

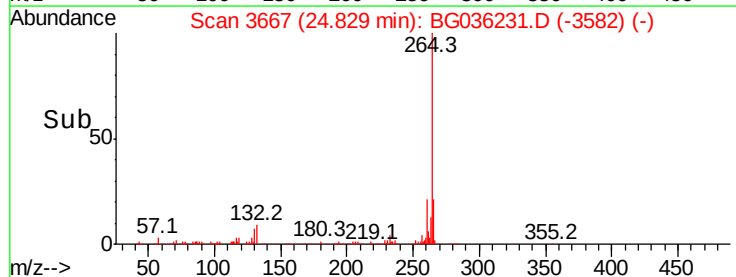
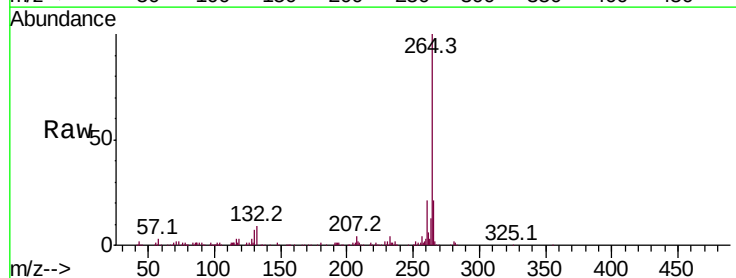
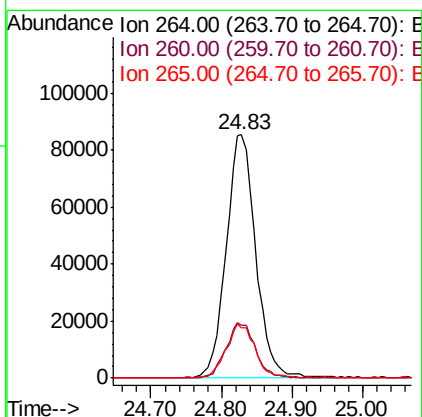
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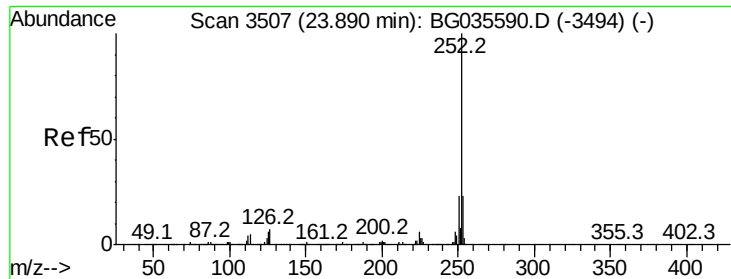
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.83 min Scan# 3667
Delta R.T. -0.03 min
Lab File: BG036231.D
Acq: 9 Aug 2018 13:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.5	17.4	26.0
265	20.9	17.7	26.5





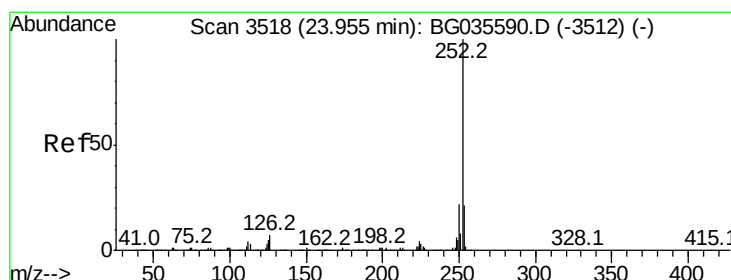
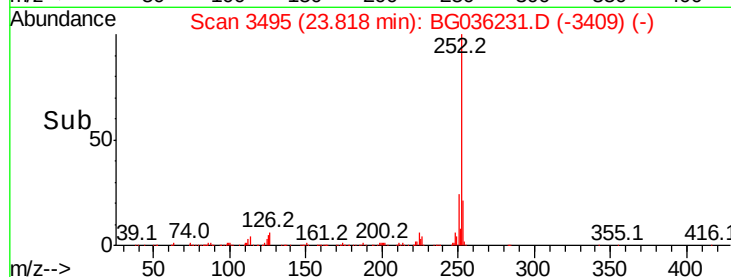
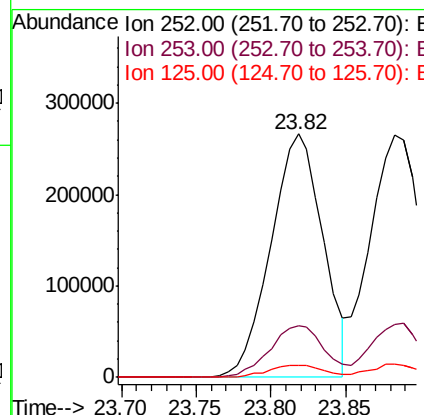
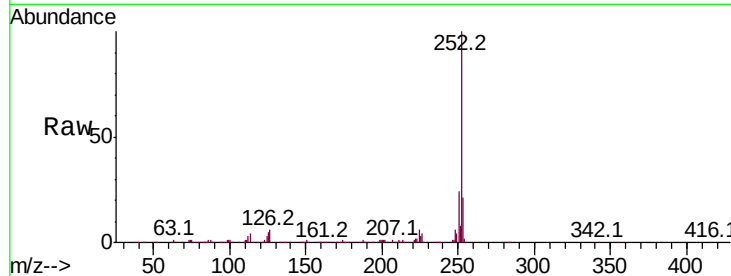
#87
Benzo(b)fluoranthene
Concen: 42.864 ng
RT: 23.82 min Scan# 3495
Delta R.T. -0.03 min
Lab File: BG036231.D
Acq: 9 Aug 2018 13:43

Instrument :
BNA_G
ClientSampleId :
PB111883BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	18.2	27.4
125	4.7	7.2	10.8

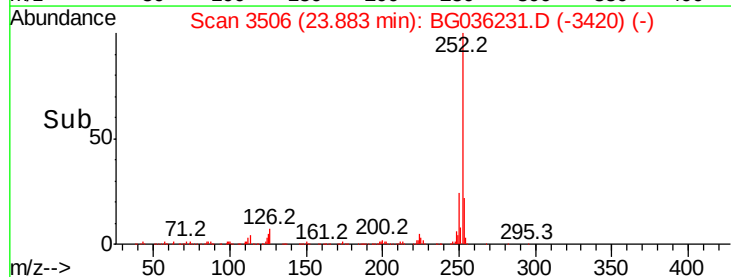
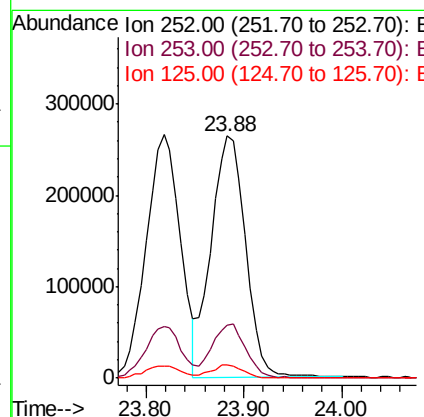
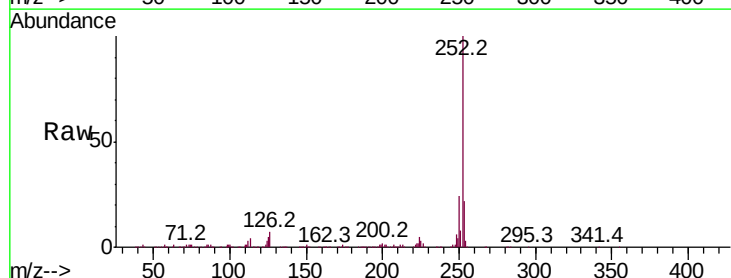
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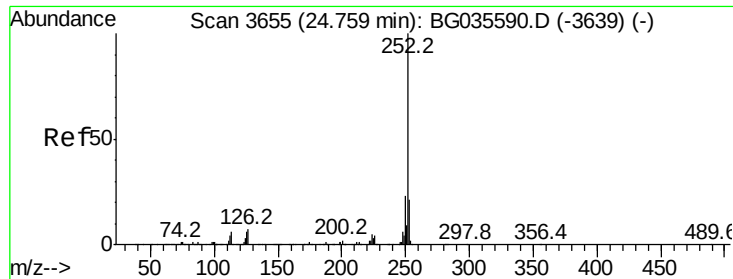
Sohil
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#88
Benzo(k)fluoranthene
Concen: 43.831 ng
RT: 23.88 min Scan# 3506
Delta R.T. -0.03 min
Lab File: BG036231.D
Acq: 9 Aug 2018 13:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	5.2	6.6	9.8





#89

Benzo(a)pyrene

Concen: 45.341 ng

RT: 24.68 min Scan# 3642

Delta R.T. -0.03 min

Lab File: BG036231.D

Acq: 9 Aug 2018 13:43

Instrument :

BNA_G

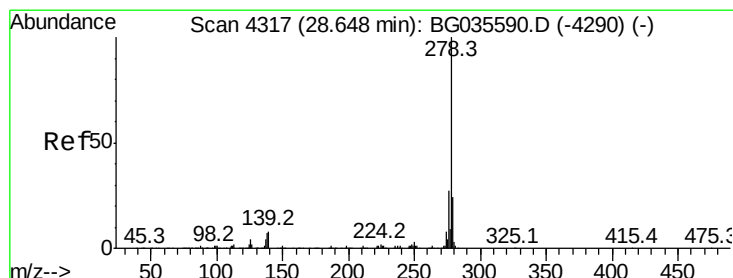
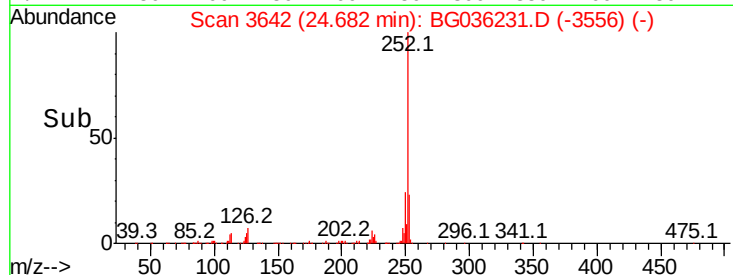
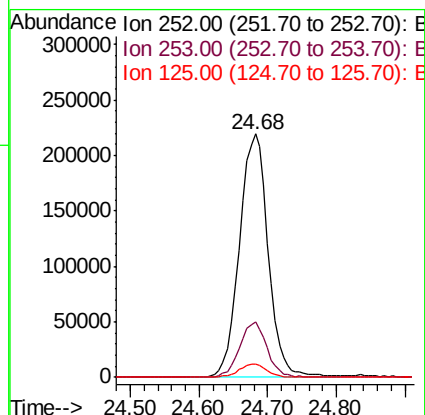
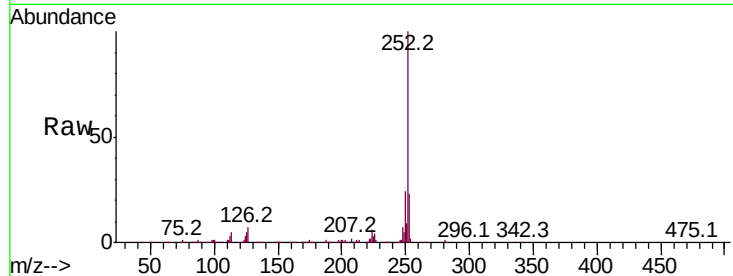
ClientSampleId :

PB111883BSD

Tot Ion:	252	Resp:	637116
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.3	27.5
125	5.4	7.3	10.9#

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#90

Dibenzo(a,h)anthracene

Concen: 42.987 ng

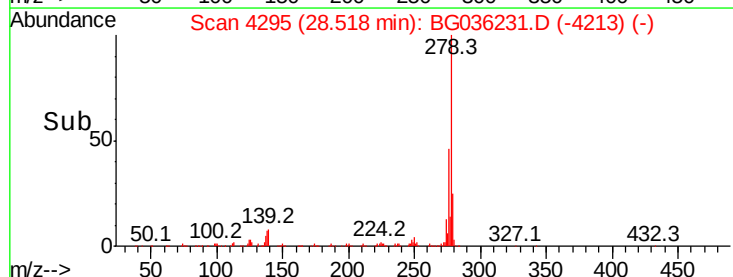
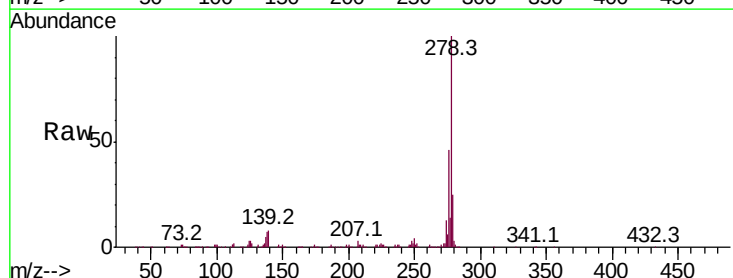
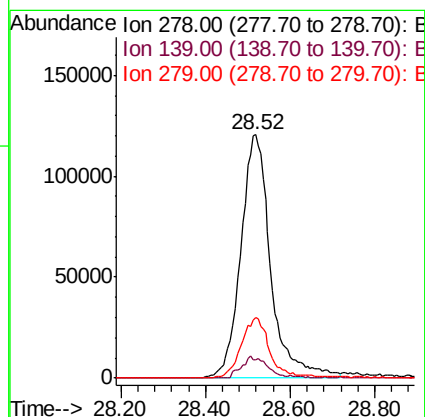
RT: 28.52 min Scan# 4295

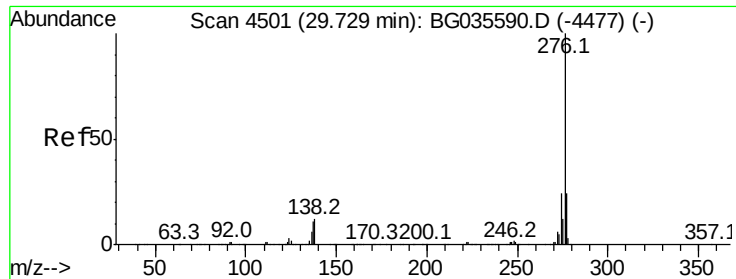
Delta R.T. -0.05 min

Lab File: BG036231.D

Acq: 9 Aug 2018 13:43

Tgt Ion:	278	Resp:	593018
Ion Ratio	Lower	Upper	
278	100		
139	7.7	9.8	14.6#
279	24.7	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 42.315 ng
 RT: 29.60 min Scan# 4480
 Delta R.T. -0.03 min
 Lab File: BG036231.D
 Acq: 9 Aug 2018 13:43

Instrument :
 BNA_G
 ClientSampleId :
 PB111883BSD

Tot Ion:	276	Resp:	571225
Ion Ratio		Lower	Upper
276	100		
277	21.1	18.3	27.5
138	10.3	13.9	20.9

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