

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080118\
 Data File : BG036031.D
 Acq On : 1 Aug 2018 13:21
 Operator : JU/SJ
 Sample : PB111524BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111524BSD

Manual Integrations
 APPROVED

Sohil
 8/2/2018 10:18:43 AM

Quant Time: Aug 01 14:36:46 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	8.02	152	30170	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	121680	20.00	ng	-0.01
38) Acenaphthene-d10	14.65	164	89081	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	239261	20.00	ng	0.00
75) Chrysene-d12	21.65	240	257010	20.00	ng	0.00
86) Perylene-d12	24.84	264	247123	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	259339	142.71	ng	0.00
7) Phenol-d6	7.20	99	376699	138.94	ng	0.00
23) Nitrobenzene-d5	9.18	82	244260	83.86	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	171373	145.96	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	581706	87.49	ng	0.00
78) Terphenyl-d14	20.00	244	1057109	90.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	33858	36.607	ng	# 77
3) Pyridine	3.91	79	94189	39.009	ng	# 73
4) n-Nitrosodimethylamine	3.83	42	35958	34.683	ng	# 74
6) Aniline	7.35	93	111936	31.853	ng	100
8) 2-Chlorophenol	7.59	128	84709	45.833	ng	95
9) Benzaldehyde	7.16	77	51603	31.019	ng	95
10) Phenol	7.22	94	126557	46.202	ng	96
11) bis(2-Chloroethyl)ether	7.44	93	81657	38.066	ng	86
12) 1,3-Dichlorobenzene	7.91	146	98557	44.159	ng	93
13) 1,4-Dichlorobenzene	8.05	146	95245	42.001	ng	97
14) 1,2-Dichlorobenzene	8.38	146	92629	42.520	ng	97
15) Benzyl Alcohol	8.27	79	97749	39.702	ng	88
16) 2,2'-oxybis(1-Chloropropan	8.55	45	96362	53.580	ng	79
17) 2-Methylphenol	8.47	107	84648	45.452	ng	# 90
18) Hexachloroethane	9.10	117	37806	43.603	ng	92
19) n-Nitroso-di-n-propylamine	8.82	70	80720	35.355	ng	# 83
20) 3+4-Methylphenols	8.79	107	116773	45.198	ng	92
22) Acetophenone	8.84	105	146685	38.766	ng	# 89
24) Nitrobenzene	9.22	77	122173	41.707	ng	# 94
25) Isophorone	9.75	82	229444	42.434	ng	99
26) 2-Nitrophenol	9.94	139	50449	48.492	ng	# 92
27) 2,4-Dimethylphenol	10.00	122	91547	51.984	ng	90
28) bis(2-Chloroethoxy)methane	10.22	93	121208	40.681	ng	99
29) 2,4-Dichlorophenol	10.47	162	100239	49.864	ng	98
30) 1,2,4-Trichlorobenzene	10.69	180	108470	44.004	ng	93
31) Naphthalene	10.87	128	265230	41.845	ng	98
32) Benzoic acid	10.16	122	24308	20.504	ng	91
33) 4-Chloroaniline	10.99	127	72384	26.202	ng	# 97
34) Hexachlorobutadiene	11.16	225	85338	44.396	ng	94
35) Caprolactam	11.77	113	33016m	38.272	ng	
36) 4-Chloro-3-methylphenol	12.11	107	121492	45.088	ng	97
37) 2-Methylnaphthalene	12.48	142	208477	44.148	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	143544	42.693	ng	98
40) Hexachlorocyclopentadiene	12.82	237	184011	104.356	ng	92

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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	13.08	196	95467	48.553	nq	96
43) 2,4,5-Trichlorophenol	13.16	196	100901	45.872	nq	95
45) 1,1'-Biphenyl	13.48	154	294967	42.709	nq	98
46) 2-Chloronaphthalene	13.52	162	235683	43.872	nq	99
47) 2-Nitroaniline	13.73	65	79578	41.901	nq	98
48) Acenaphthylene	14.37	152	384836	42.765	nq	98
49) Dimethylphthalate	14.10	163	323965	41.508	nq	99
50) 2,6-Dinitrotoluene	14.22	165	75707	47.634	nq #	85
51) Acenaphthene	14.71	154	223976	39.955	nq	97
52) 3-Nitroaniline	14.56	138	47751	29.396	nq #	96
53) 2,4-Dinitrophenol	14.76	184	54476	67.751	nq #	75
54) Dibenzofuran	15.04	168	376959	42.283	nq	93
55) 4-Nitrophenol	14.87	139	91603	79.183	nq #	87
56) 2,4-Dinitrotoluene	15.01	165	107043	46.946	nq #	85
57) Fluorene	15.69	166	319849	42.805	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.27	232	96996	45.992	nq	97
59) Diethylphthalate	15.46	149	316440	39.430	nq	98
60) 4-Chlorophenyl-phenylether	15.68	204	186286	42.417	nq	97
61) 4-Nitroaniline	15.72	138	69630	40.978	nq #	84
62) Azobenzene	15.97	77	323232	40.832	nq	94
64) 4,6-Dinitro-2-methylphenol	15.77	198	59196	44.445	nq	89
65) n-Nitrosodiphenylamine	15.90	169	279411	41.028	nq	99
66) 4-Bromophenyl-phenylether	16.58	248	125427	45.185	nq	97
67) Hexachlorobenzene	16.70	284	127401	44.568	nq	94
68) Atrazine	16.85	200	125178	44.643	nq	97
69) Pentachlorophenol	17.04	266	113027	64.915	nq	96
70) Phenanthrene	17.43	178	511893	42.877	nq	99
71) Anthracene	17.52	178	519453	43.697	nq	98
72) Carbazole	17.79	167	458157	40.582	nq	97
73) Di-n-butylphthalate	18.35	149	531346	39.828	nq	99
74) Fluoranthene	19.44	202	658551	40.951	nq	97
76) Benzidine	19.62	184	294315	43.558	nq	98
77) Pyrene	19.80	202	662031	40.738	nq	99
79) Butylbenzylphthalate	20.68	149	243889	41.967	nq #	97
80) Benzo(a)anthracene	21.63	228	663294	41.414	nq	99
81) 3,3'-Dichlorobenzidine	21.55	252	171167	30.650	nq	99
82) Chrysene	21.70	228	622241	41.925	nq	98
83) Bis(2-ethylhexyl)phthalate	21.53	149	334956	42.396	nq	99
84) Di-n-octyl phthalate	22.73	149	567212	42.878	nq #	92
85) Indeno(1,2,3-cd)pyrene	28.49	276	703290	42.800	nq #	88
87) Benzo(b)fluoranthene	23.83	252	637567	42.448	nq #	96
88) Benzo(k)fluoranthene	23.90	252	610796	41.595	nq #	97
89) Benzo(a)pyrene	24.70	252	609145	43.593	nq #	95
90) Dibenzo(a,h)anthracene	28.54	278	585190	42.657	nq #	95
91) Benzo(g,h,i)perylene	29.62	276	580056	43.210	nq #	94

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



#1

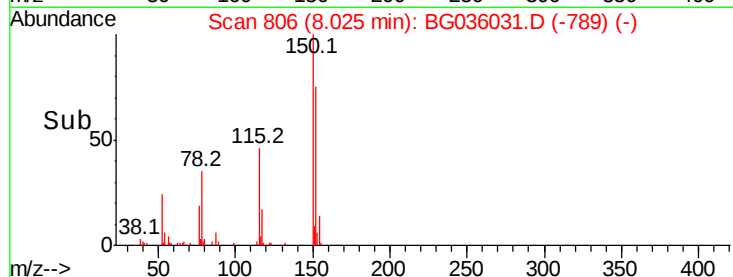
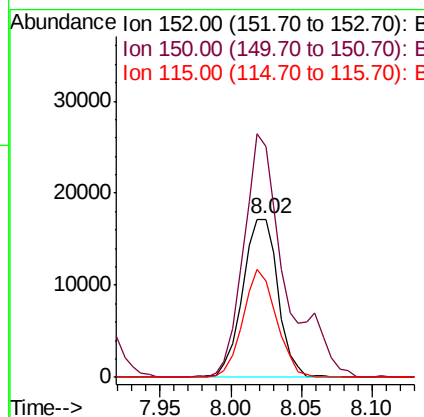
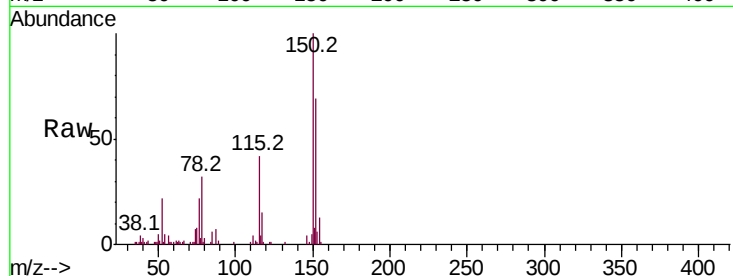
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. 0.00 min
Lab File: BG036031.D
Acq: 1 Aug 2018 13:21

Instrument :
BNA_G
ClientSampleId :
PB111524BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.8	126.6	189.8
115	61.2	53.0	79.4

Manual Integrations
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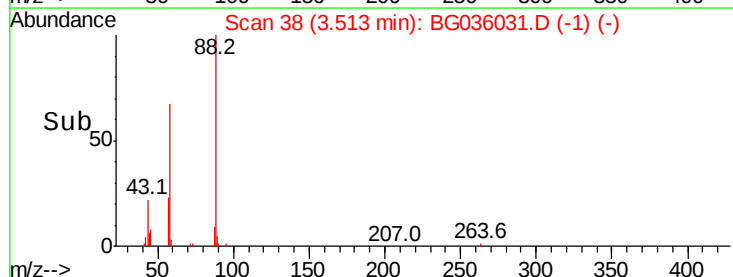
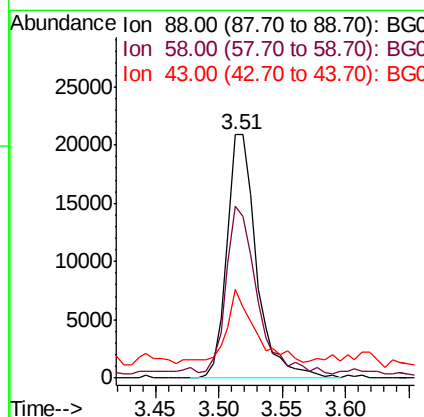
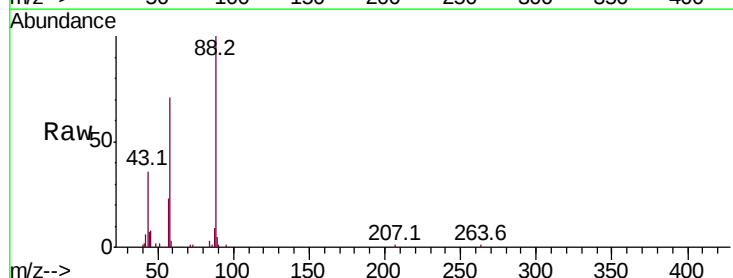
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8/2/2018 10:18:43 AM



#2

1,4-Dioxane
Concen: 36.607 ng
RT: 3.51 min Scan# 38
Delta R.T. -0.01 min
Lab File: BG036031.D
Acq: 1 Aug 2018 13:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.4	79.6	119.4#
43	30.2	27.4	41.0





#3

Pvridine

Concen: 39.009 ng

RT: 3.91 min Scan# 105

Delta R.T. -0.01 min

Lab File: BG036031.D

Acq: 1 Aug 2018 13:21

Instrument :

BNA_G

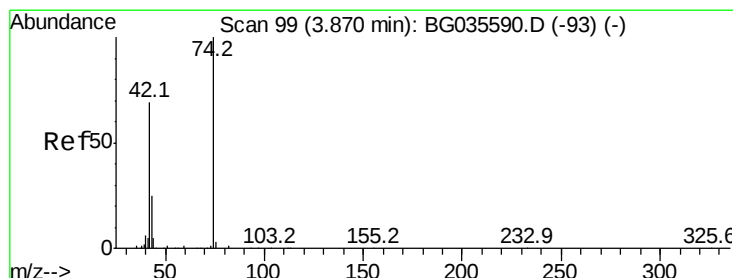
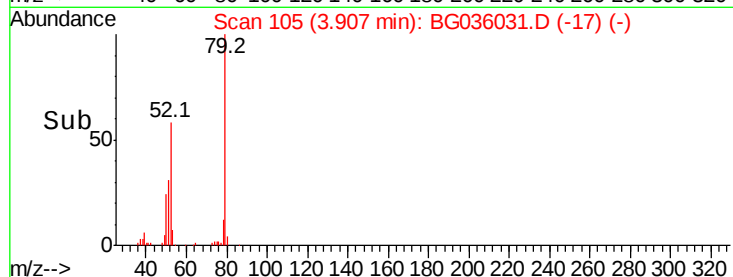
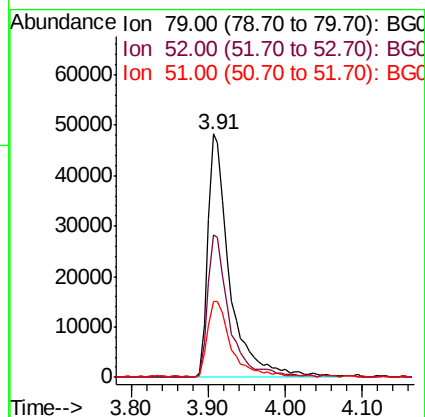
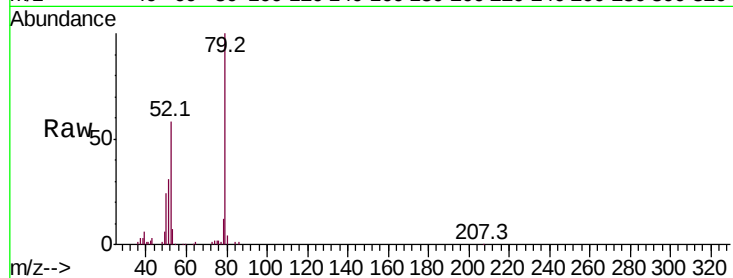
ClientSampleId :

PB111524BSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	58.4	69.9	104.9#
51	31.1	34.0	51.0#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 34.683 ng

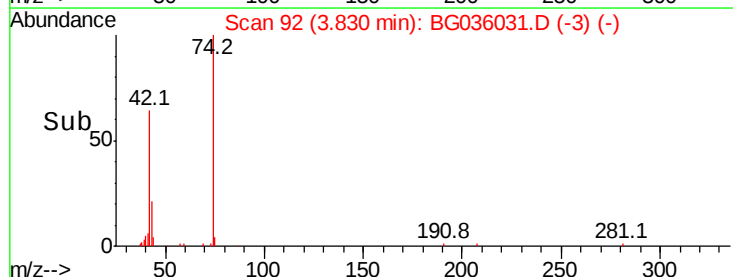
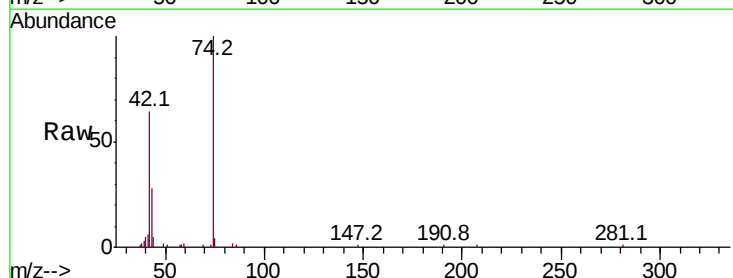
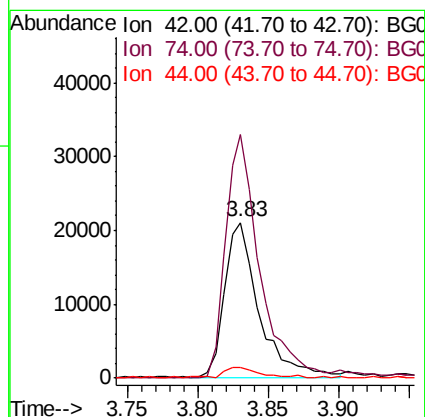
RT: 3.83 min Scan# 92

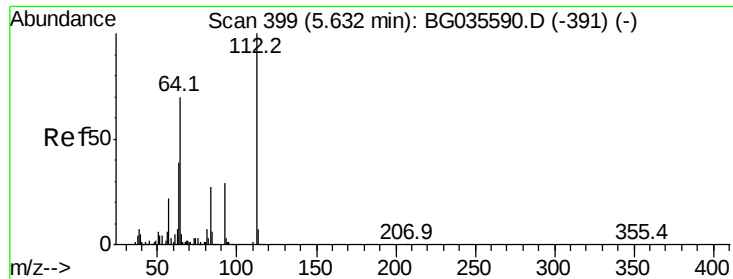
Delta R.T. -0.01 min

Lab File: BG036031.D

Acq: 1 Aug 2018 13:21

Tgt Ion	Ratio	Lower	Upper
42	100		
74	156.6	102.5	153.7#
44	7.2	18.9	28.3#





#5

2-Fluorophenol

Concen: 142.713 ng

RT: 5.61 min Scan# 395

Delta R.T. 0.01 min

Lab File: BG036031.D

Acq: 1 Aug 2018 13:21

Instrument :

BNA_G

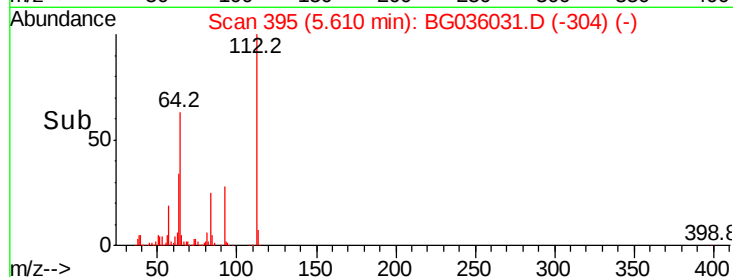
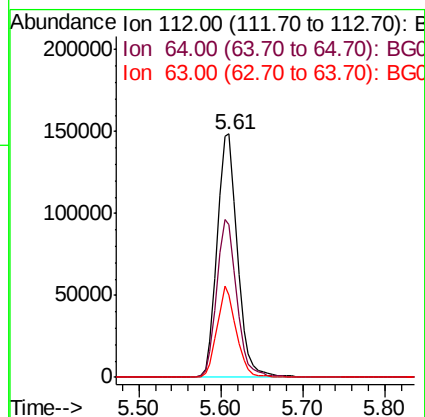
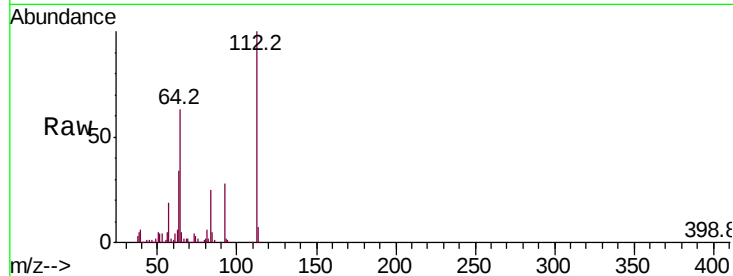
ClientSampleId :

PB111524BSD

Tot Ion:	112	Resp:	259339
Ion Ratio	Lower	Upper	
112	100		
64	62.7	56.3	84.5
63	33.7	30.1	45.1

Manual Integrations
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#6

Aniline

Concen: 31.853 ng

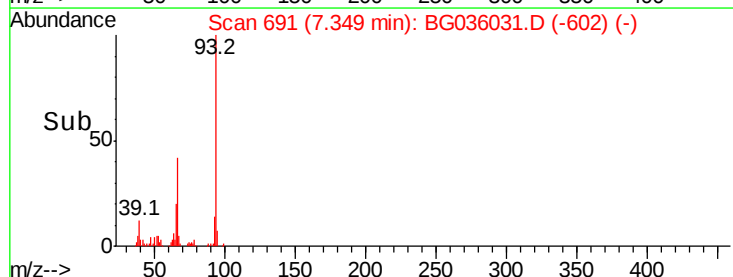
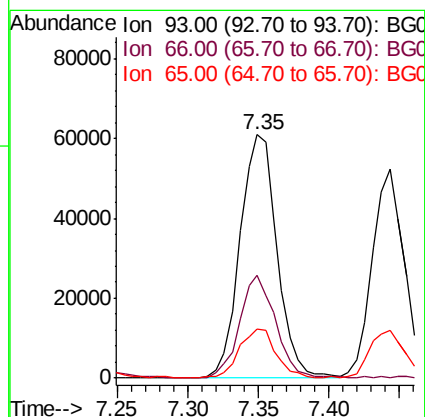
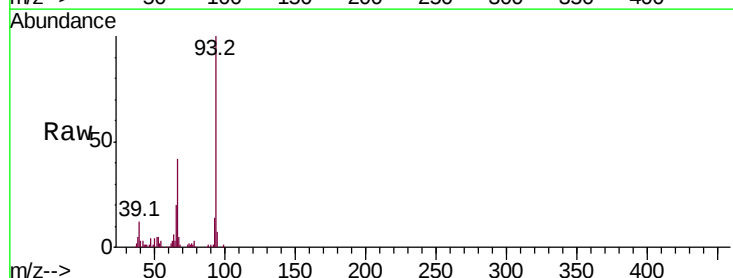
RT: 7.35 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG036031.D

Acq: 1 Aug 2018 13:21

Tgt Ion:	93	Resp:	111936
Ion Ratio	Lower	Upper	
93	100		
66	42.2	33.7	50.5
65	20.2	16.1	24.1





#7

Phenol-d6

Concen: 138.939 ng

RT: 7.20 min Scan# 665

Delta R.T. 0.00 min

Lab File: BG036031.D

Acq: 1 Aug 2018 13:21

Instrument :

BNA_G

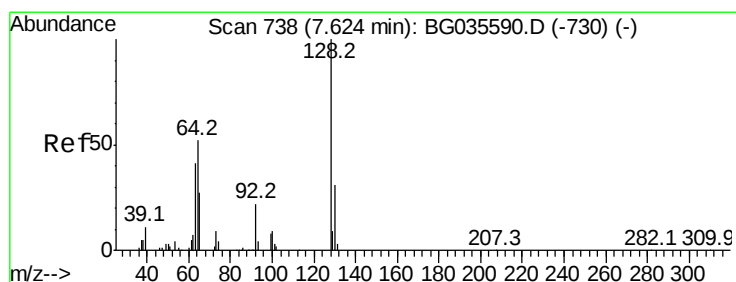
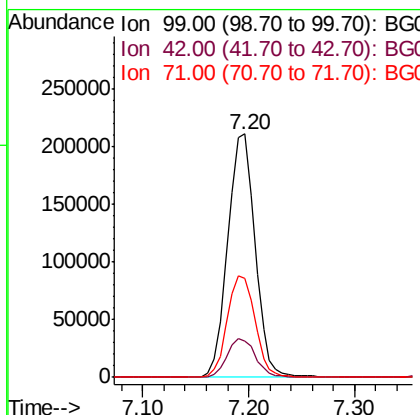
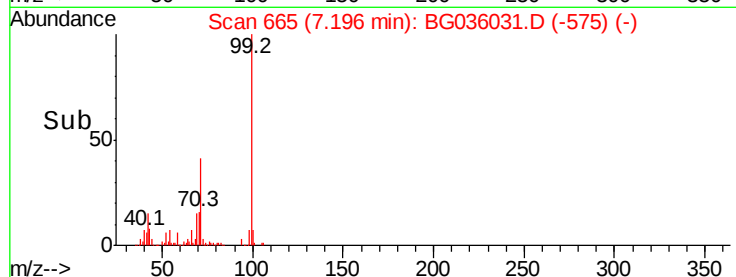
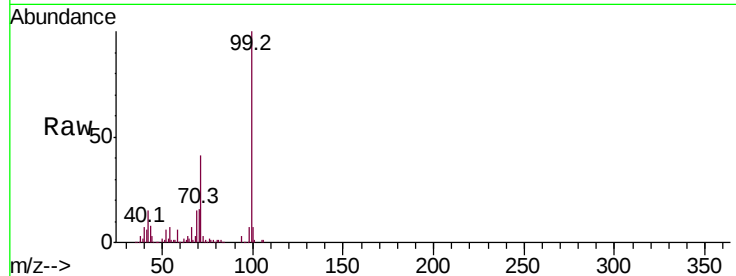
ClientSampleId :

PB111524BSD

Tot Ion	Ratio	Resp Lower	Upper
99	100		
42	14.9	14.1	21.1
71	40.8	26.1	39.1#

Manual Integrations
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#8

2-Chlorophenol

Concen: 45.833 ng

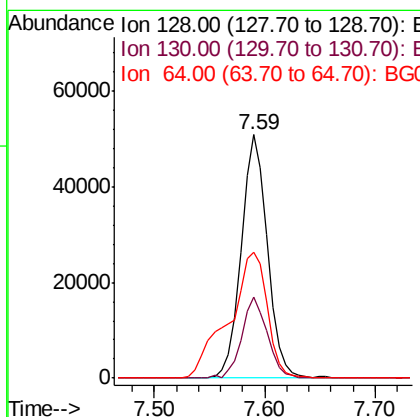
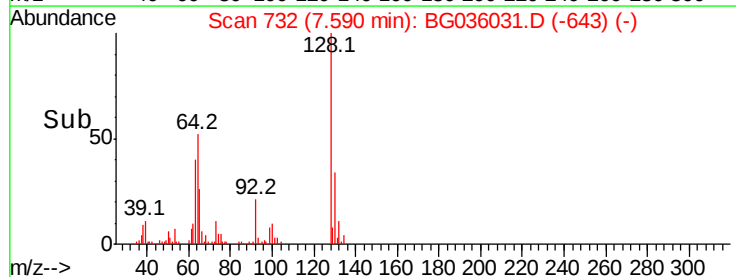
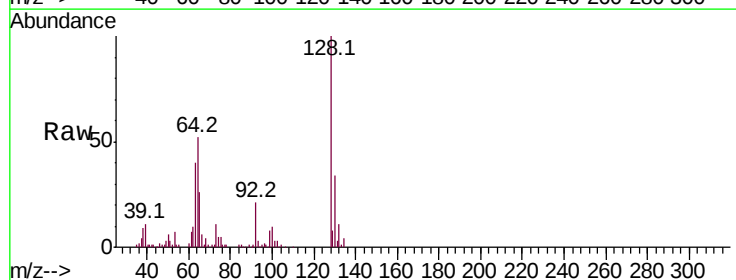
RT: 7.59 min Scan# 732

Delta R.T. -0.01 min

Lab File: BG036031.D

Acq: 1 Aug 2018 13:21

Tgt Ion	Ratio	Resp Lower	Upper
128	100		
130	33.5	14.0	54.0
64	51.6	37.7	77.7





#9

Benzaldehyde

Concen: 31.019 ng

RT: 7.16 min Scan# 659

Delta R.T. -0.01 min

Lab File: BG036031.D

Acq: 1 Aug 2018 13:21

Instrument :

BNA_G

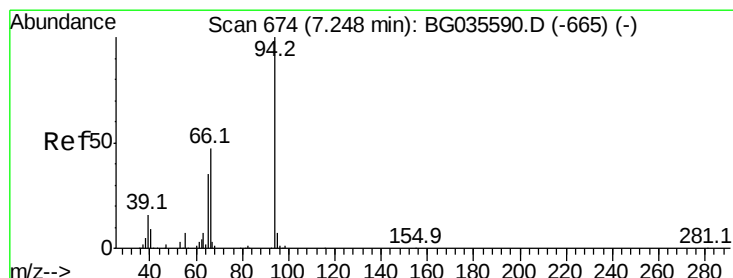
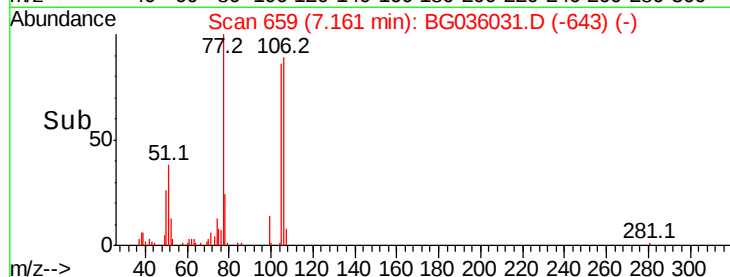
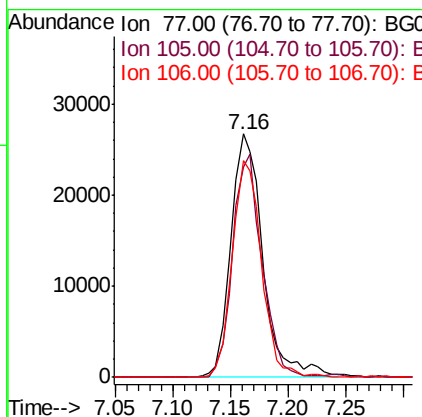
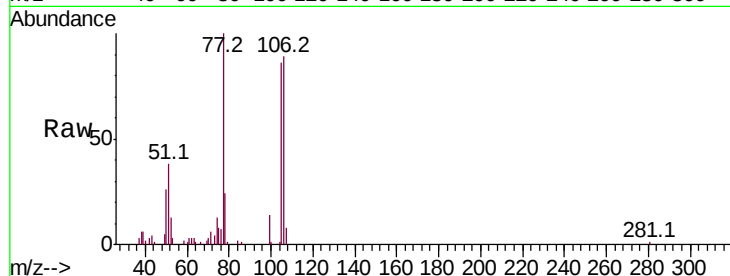
ClientSampleId :

PB111524BSD

Tot Ion:	77	Resp:	51603
Ion	Ratio	Lower	Upper
77	100		
105	86.4	71.3	111.3
106	88.9	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 46.202 ng

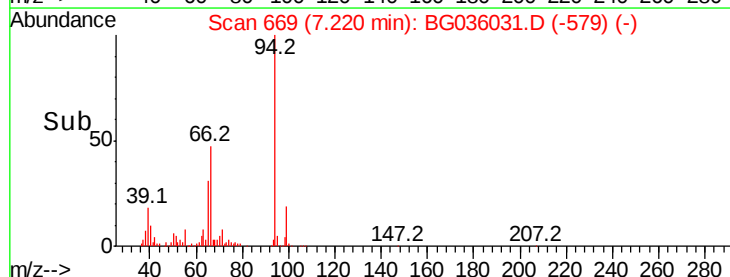
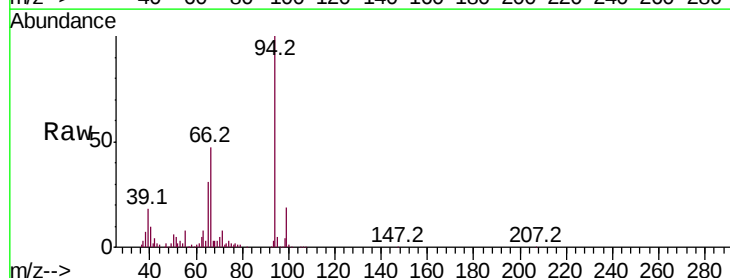
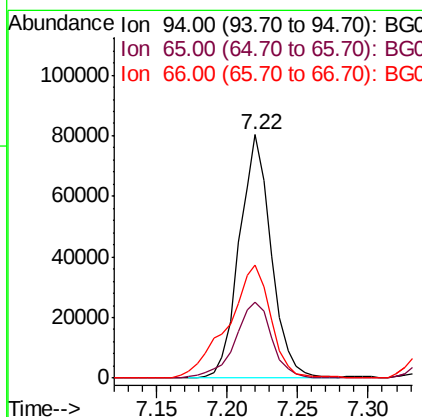
RT: 7.22 min Scan# 669

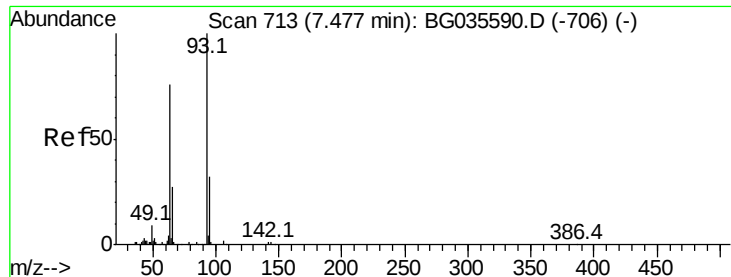
Delta R.T. 0.00 min

Lab File: BG036031.D

Acq: 1 Aug 2018 13:21

Tgt Ion:	94	Resp:	126557
Ion	Ratio	Lower	Upper
94	100		
65	31.1	11.9	51.9
66	46.5	22.2	62.2





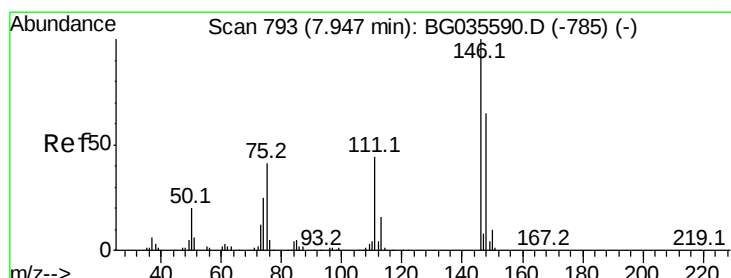
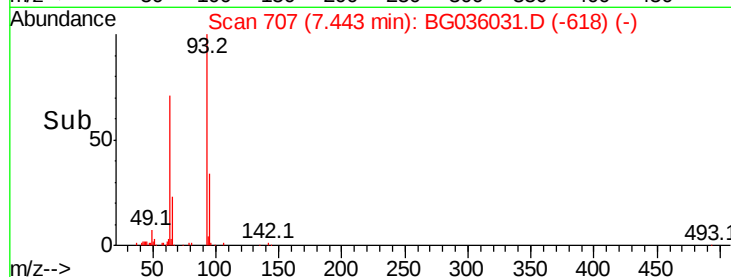
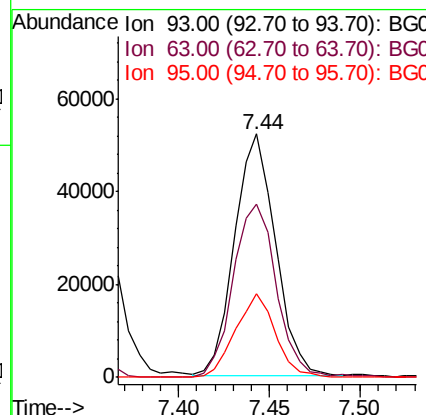
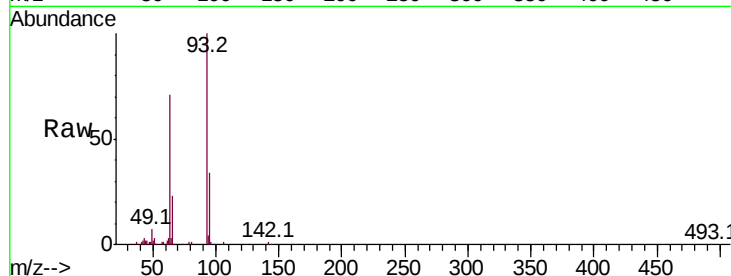
#11
bis(2-Chloroethyl)ether
Concen: 38.066 ng
RT: 7.44 min Scan# 707
Delta R.T. -0.01 min
Lab File: BG036031.D
Acq: 1 Aug 2018 13:21

Instrument :
BNA_G
ClientSampleId :
PB111524BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	81657		
63	71.1		67.1	107.1
95	34.3		11.5	51.5

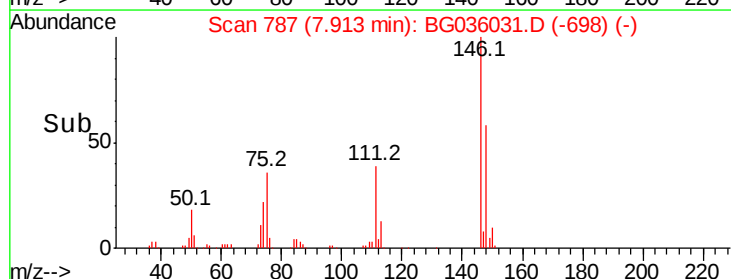
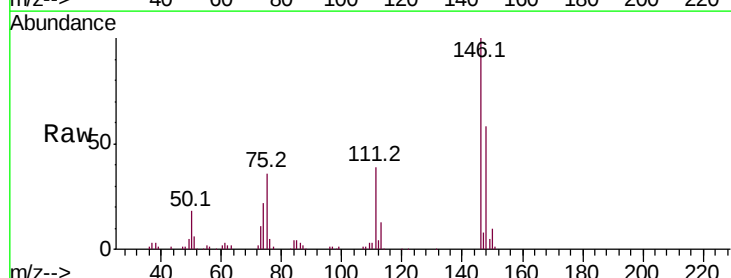
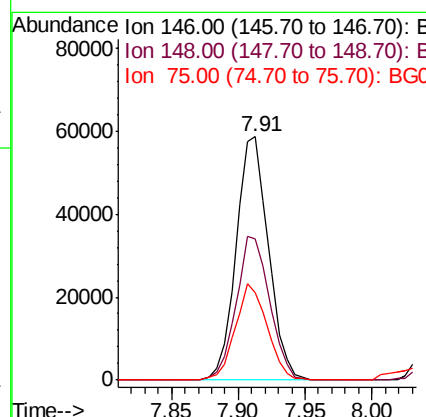
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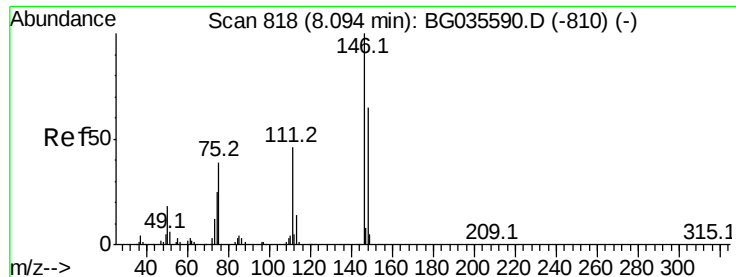
Sohil
8/2/2018 10:18:43 AM



#12
1,3-Dichlorobenzene
Concen: 44.159 ng
RT: 7.91 min Scan# 787
Delta R.T. -0.01 min
Lab File: BG036031.D
Acq: 1 Aug 2018 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	98557		
148	58.0		51.4	77.2
75	36.1		26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 42.001 ng

RT: 8.05 min Scan# 811

Delta R.T. -0.01 min

Lab File: BG036031.D

Acq: 1 Aug 2018 13:21

Instrument :

BNA_G

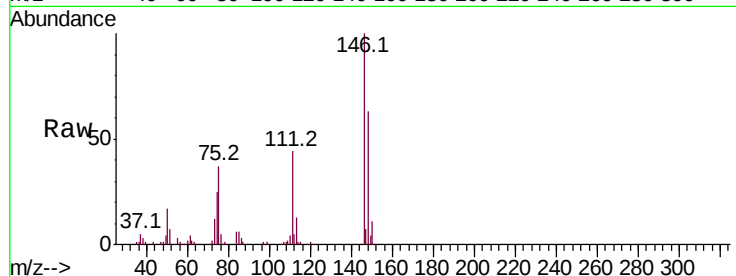
ClientSampleId :

PB111524BSD

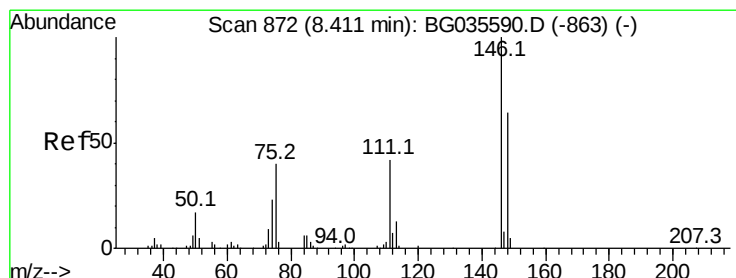
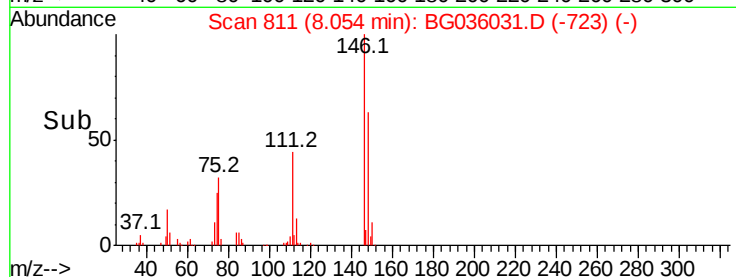
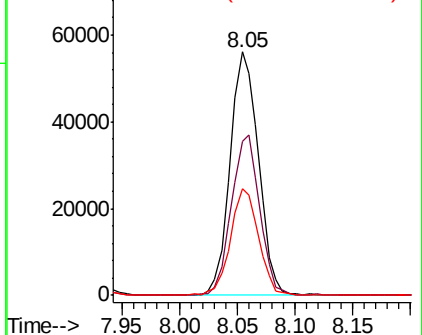
Tot Ion:	146	Resp:	95245
Ion Ratio	Lower	Upper	
146	100		
148	63.1	53.7	80.5
111	43.7	35.2	52.8

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.520 ng

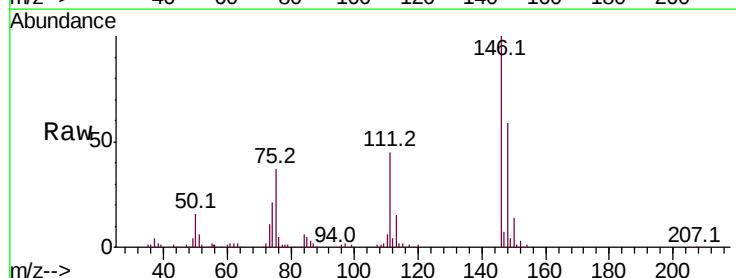
RT: 8.38 min Scan# 866

Delta R.T. -0.01 min

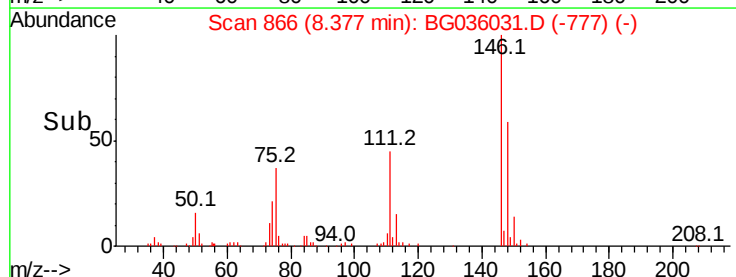
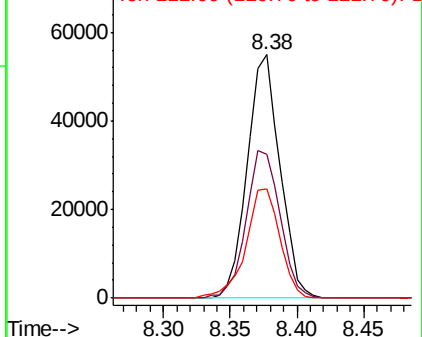
Lab File: BG036031.D

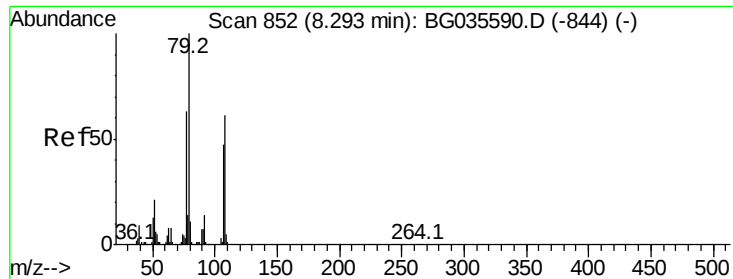
Acq: 1 Aug 2018 13:21

Tgt Ion:	146	Resp:	92629
Ion Ratio	Lower	Upper	
146	100		
148	59.2	49.3	73.9
111	44.7	34.3	51.5



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.702 ng

RT: 8.27 min Scan# 847

Delta R.T. 0.00 min

Lab File: BG036031.D

Acq: 1 Aug 2018 13:21

Instrument :

BNA_G

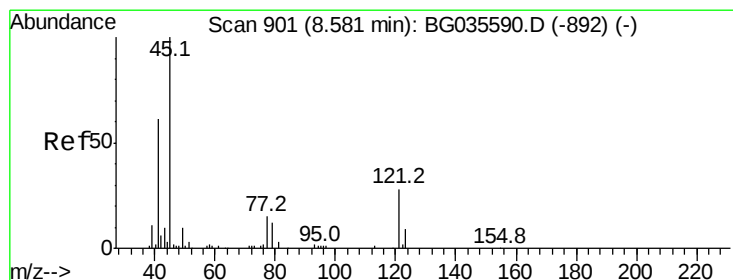
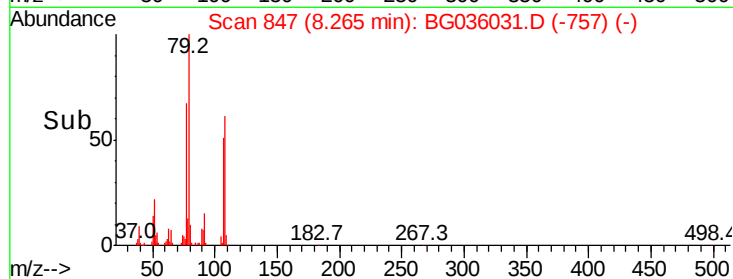
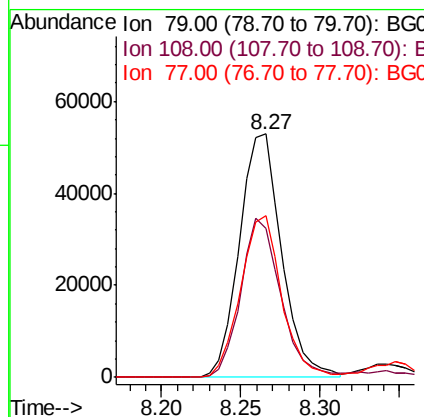
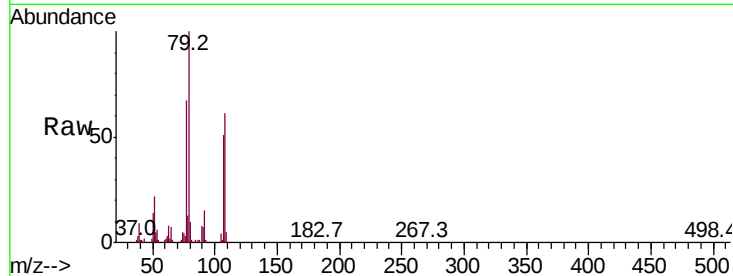
ClientSampleId :

PB111524BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	61.3	57.2	85.8
77	66.6	46.1	69.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 53.580 ng

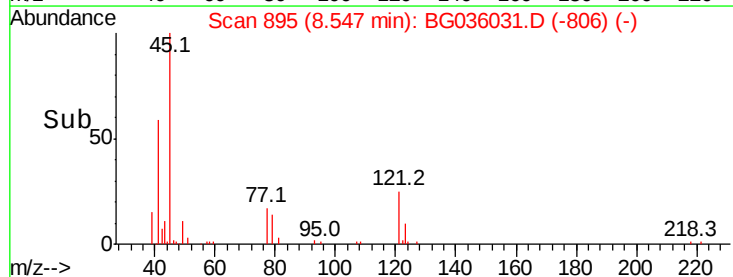
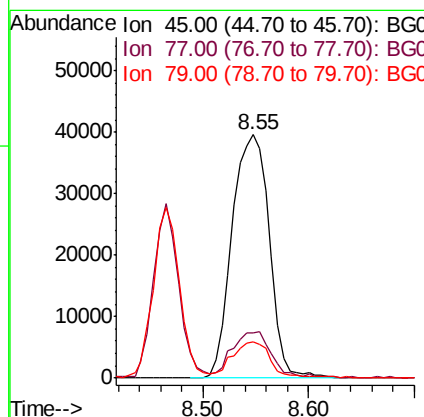
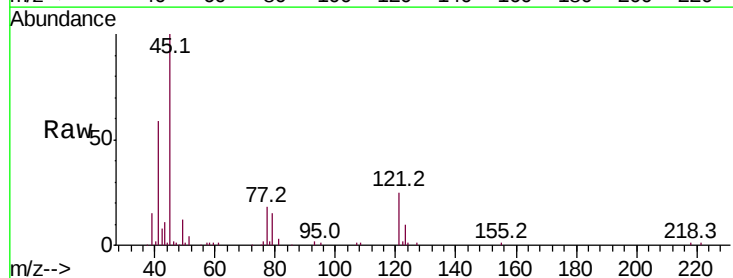
RT: 8.55 min Scan# 895

Delta R.T. -0.01 min

Lab File: BG036031.D

Acq: 1 Aug 2018 13:21

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.3	0.0	30.2
79	14.9	0.0	27.9





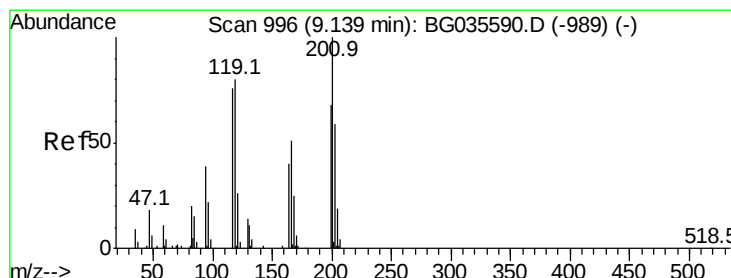
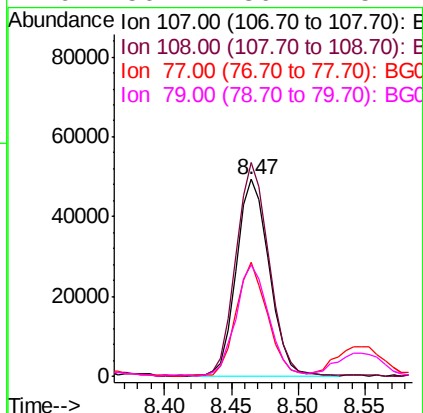
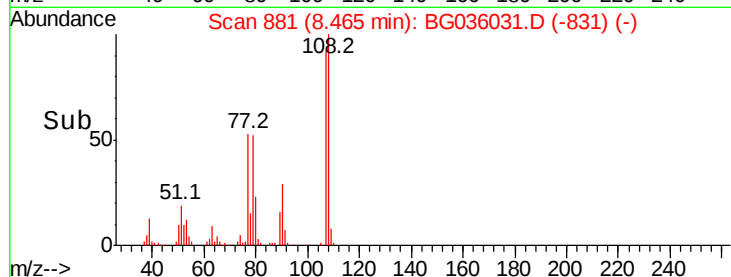
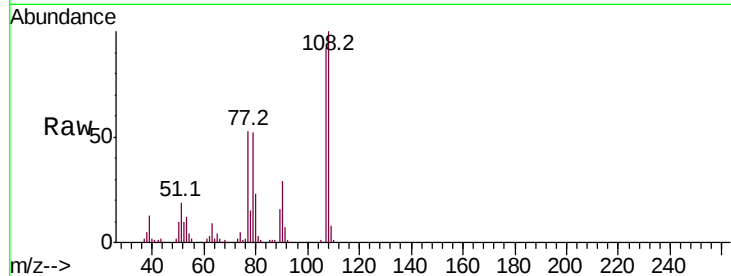
#17
2-Methylphenol
Concen: 45.452 ng
RT: 8.47 min Scan# 881
Delta R.T. -0.01 min
Lab File: BG036031.D
Acq: 1 Aug 2018 13:21

Instrument :
BNA_G
ClientSampleId :
PB111524BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.6	83.9	125.9	
77	57.8	37.2	55.8	
79	56.4	36.2	54.2	

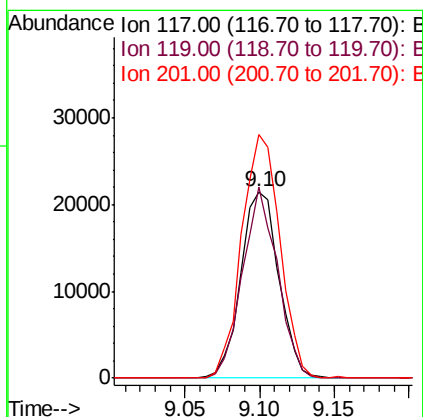
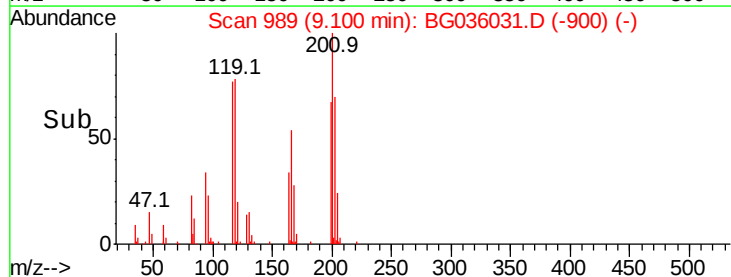
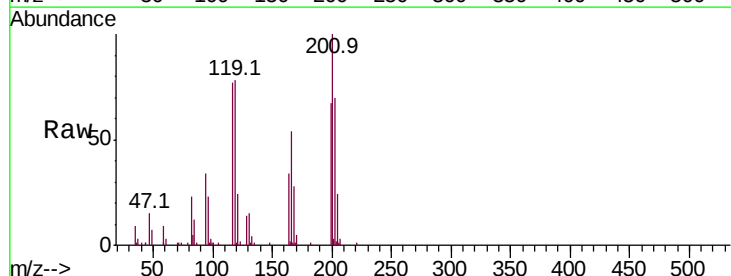
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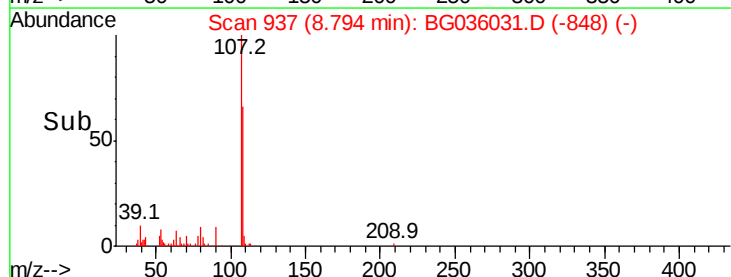
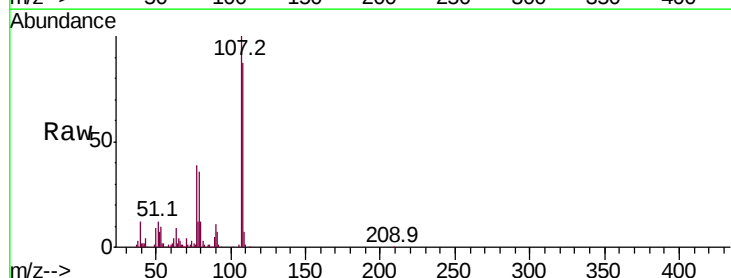
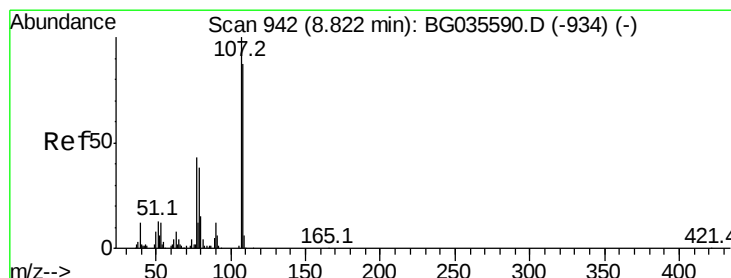
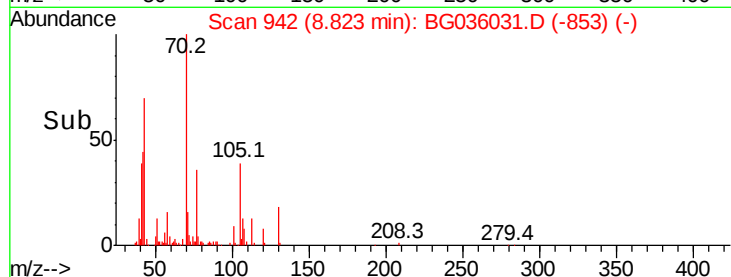
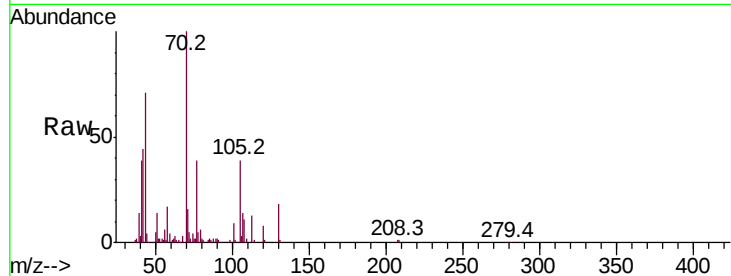
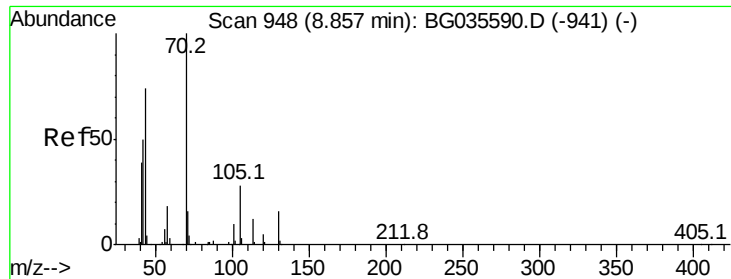
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#18
Hexachloroethane
Concen: 43.603 ng
RT: 9.10 min Scan# 989
Delta R.T. -0.01 min
Lab File: BG036031.D
Acq: 1 Aug 2018 13:21

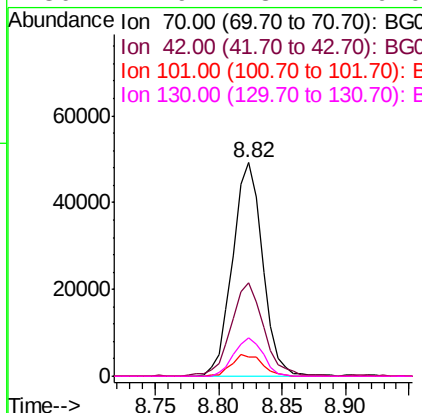
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	102.2	76.7	115.1	
201	130.6	95.7	143.5	





#19
n-Nitroso-di-n-propylamine
Concen: 35.355 ng
RT: 8.82 min Scan# 942
Delta R.T. -0.01 min
Lab File: BG036031.D
Acq: 1 Aug 2018 13:21

Tot Ion	Ratio	Lower	Upper
70	100		
42	43.7	49.1	73.7#
101	9.2	8.5	12.7
130	17.9	13.4	20.0



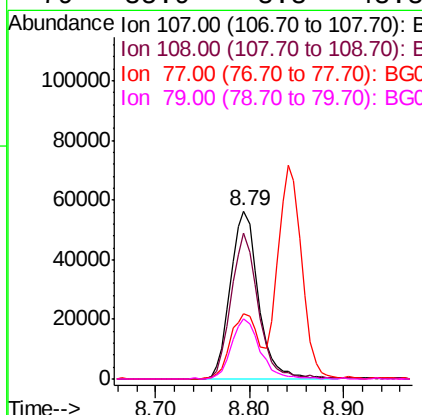
Instrument :
BNA_G
ClientSampleId :
PB111524BSD

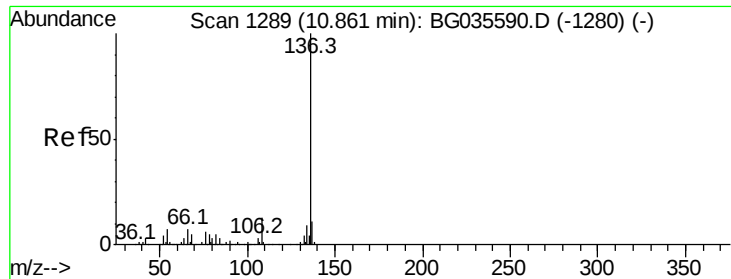
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#20
3+4-Methylphenols
Concen: 45.198 ng
RT: 8.79 min Scan# 937
Delta R.T. -0.01 min
Lab File: BG036031.D
Acq: 1 Aug 2018 13:21

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.7	61.6	101.6
77	39.2	13.9	53.9
79	35.9	8.8	48.8





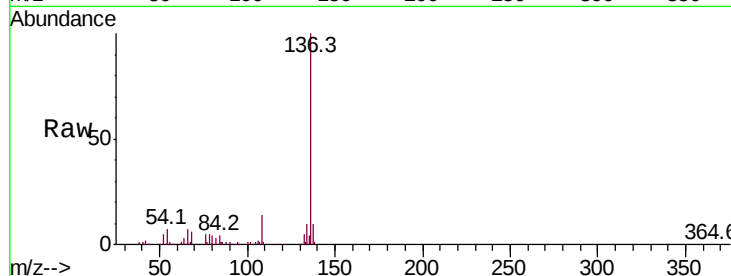
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BG036031.D
Acq: 1 Aug 2018 13:21

Instrument :
BNA_G
ClientSampleId :
PB111524BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	9.5	9.2	13.8	
54	6.8	10.3	15.5	
68	5.7	4.5	6.7	

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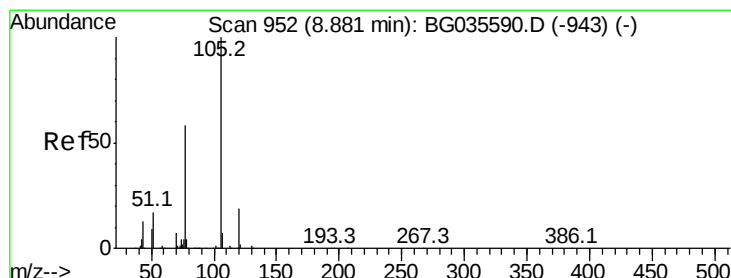
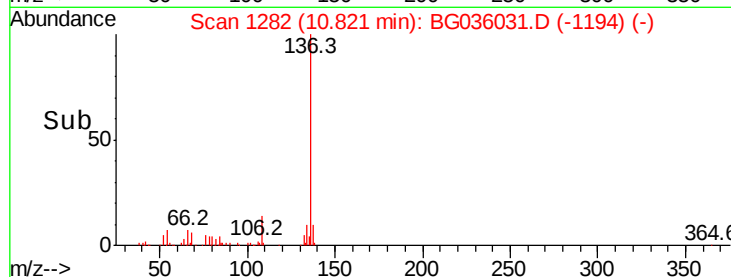
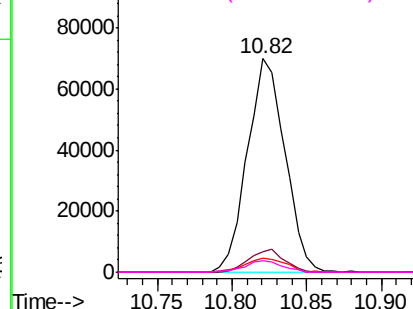
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 38.766 ng
RT: 8.84 min Scan# 945
Delta R.T. -0.01 min
Lab File: BG036031.D
Acq: 1 Aug 2018 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.1	3.0	4.4	
51	23.6	26.1	39.1	
120	19.1	17.4	26.2	

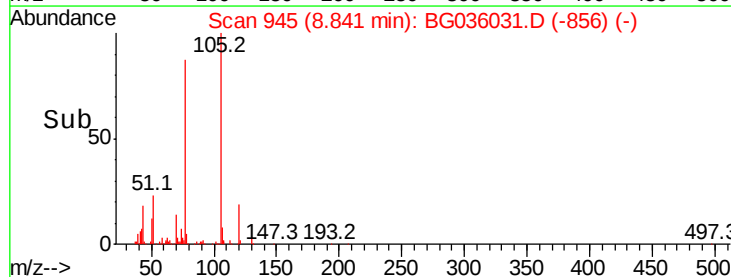
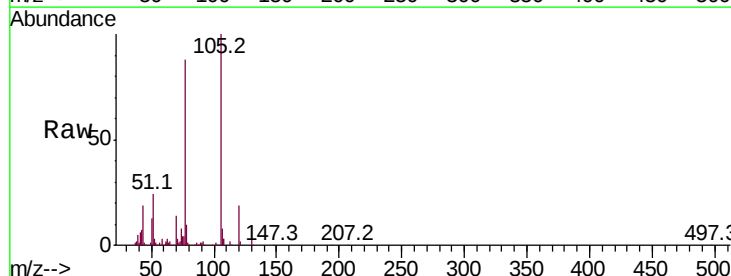
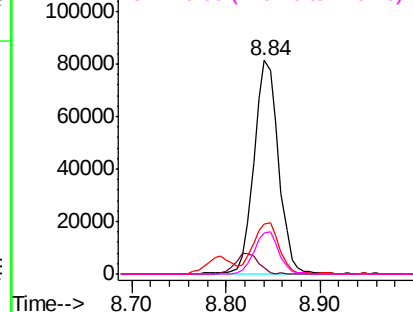
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





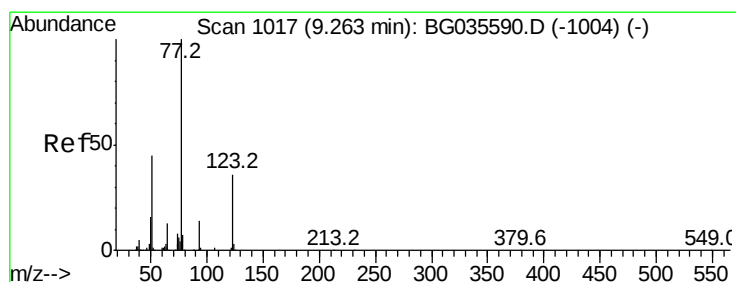
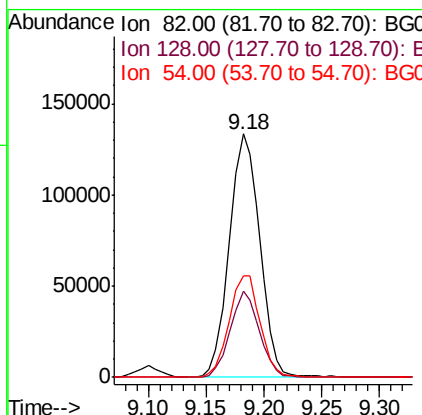
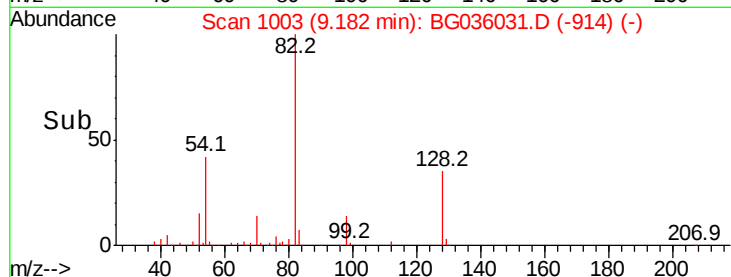
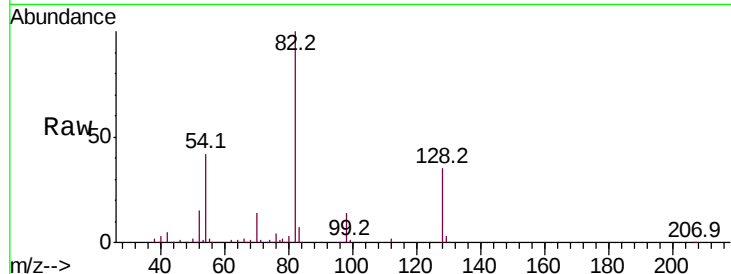
#23
 Nitrobenzene-d5
 Concen: 83.858 ng
 RT: 9.18 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BG036031.D
 Acq: 1 Aug 2018 13:21

Instrument :
 BNA_G
 ClientSampleId :
 PB111524BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.3	29.7	44.5
54	41.8	43.1	64.7#

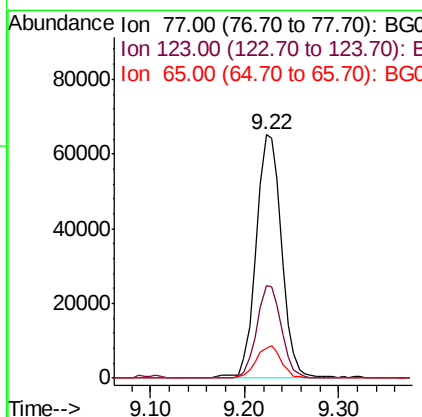
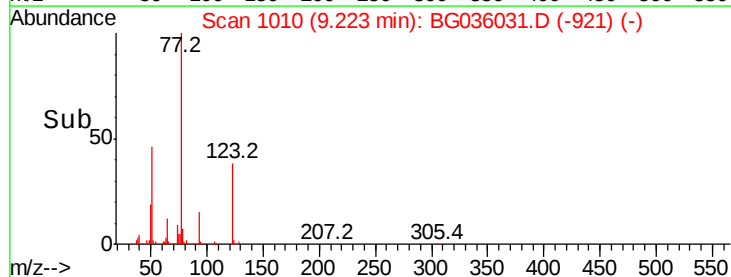
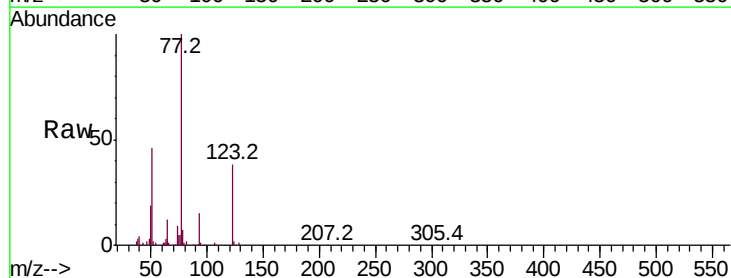
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#24
 Nitrobenzene
 Concen: 41.707 ng
 RT: 9.22 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BG036031.D
 Acq: 1 Aug 2018 13:21

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.3	33.0	49.6
65	12.5	13.0	19.6#





#25

Isophorone

Concen: 42.434 ng

RT: 9.75 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BG036031.D

Acq: 1 Aug 2018 13:21

Instrument :

BNA_G

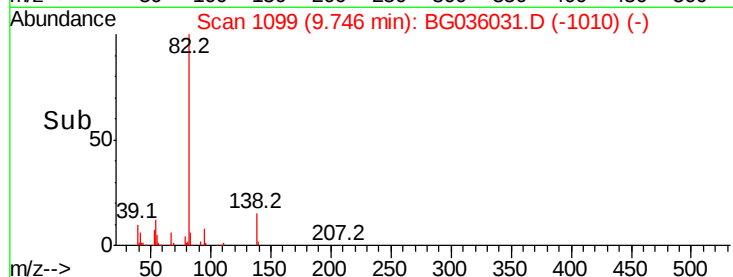
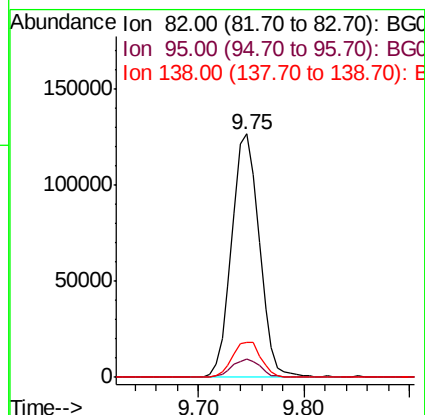
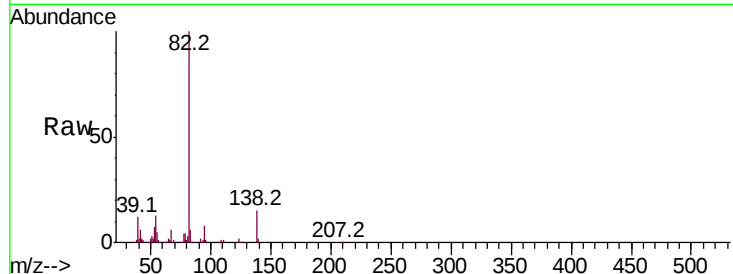
ClientSampleId :

PB111524BSD

Tot Ion	82	Resp	229444
Ion Ratio	Lower	Upper	
82	100		
95	7.6	6.2	9.2
138	14.6	12.1	18.1

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#26

2-Nitrophenol

Concen: 48.492 ng

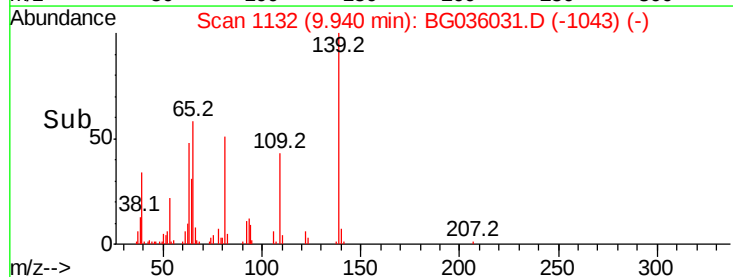
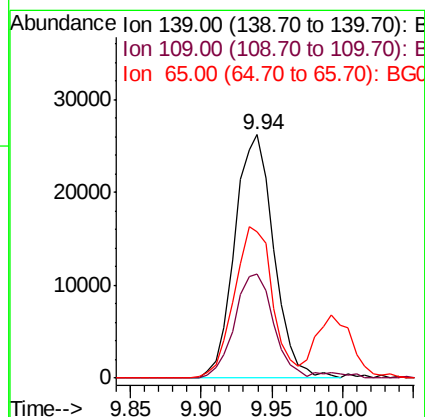
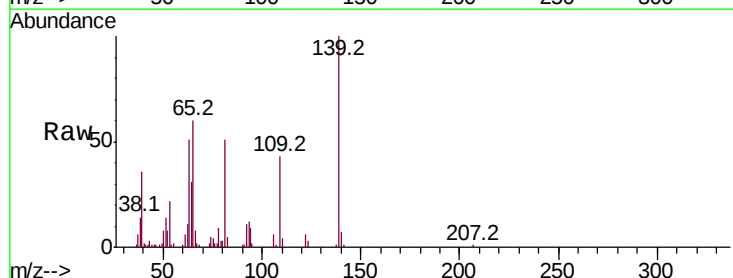
RT: 9.94 min Scan# 1132

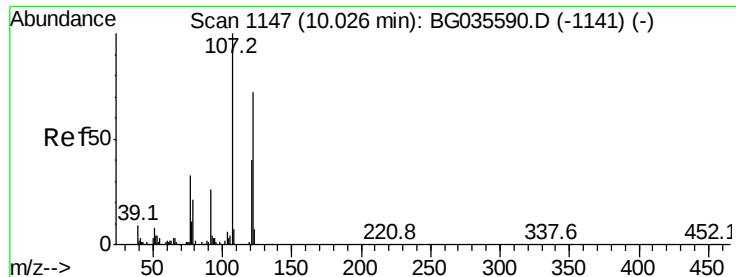
Delta R.T. -0.01 min

Lab File: BG036031.D

Acq: 1 Aug 2018 13:21

Tgt Ion	139	Resp	50449
Ion Ratio	Lower	Upper	
139	100		
109	42.8	24.2	36.2#
65	59.9	47.4	71.0





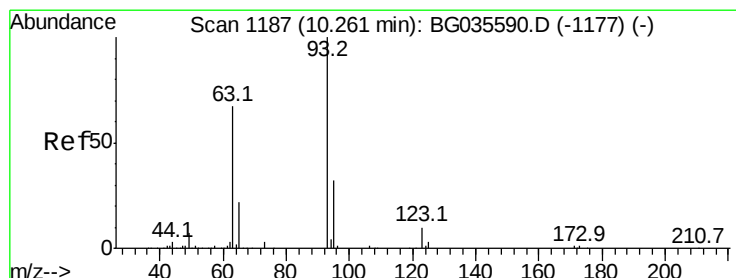
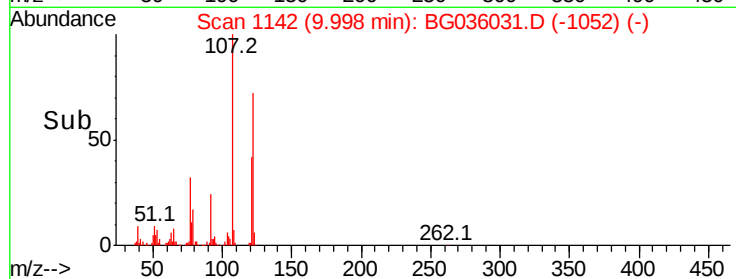
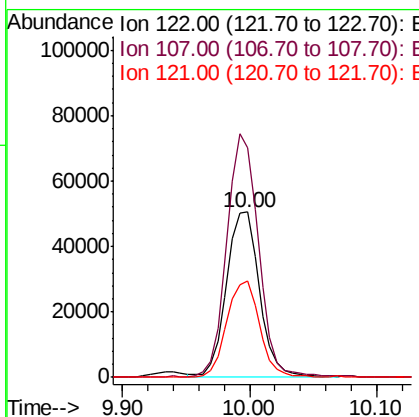
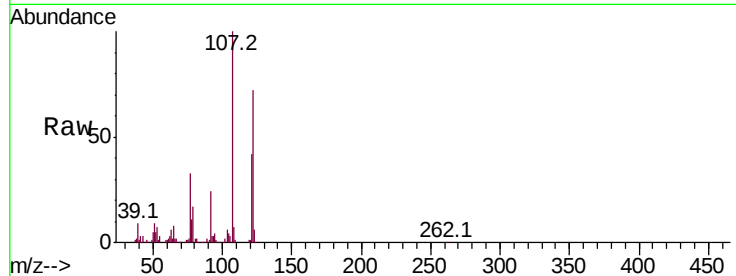
#27
2,4-Dimethylphenol
Concen: 51.984 ng
RT: 10.00 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BG036031.D
Acq: 1 Aug 2018 13:21

Instrument :
BNA_G
ClientSampleId :
PB111524BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	139.4	100.2	150.2
121	58.4	44.4	66.6

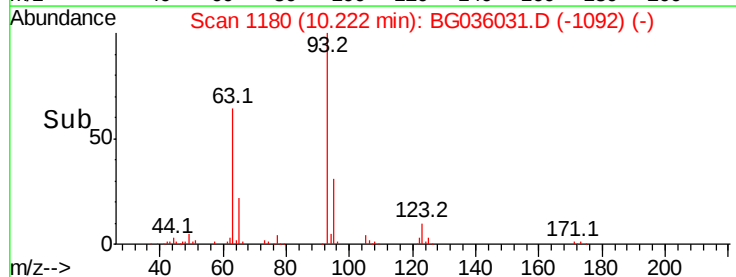
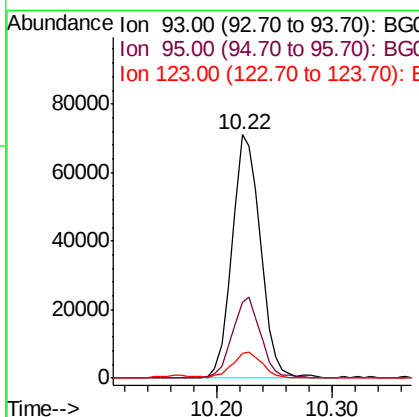
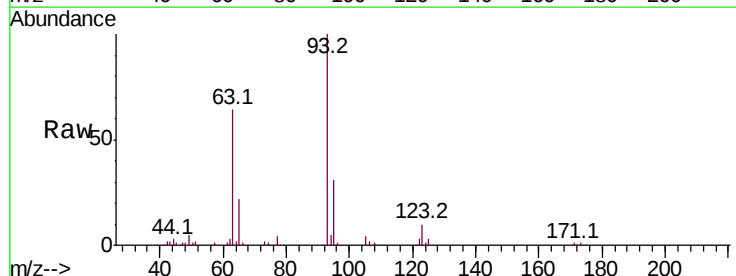
Manual Integrations
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#28
bis(2-Chloroethoxy)methane
Concen: 40.681 ng
RT: 10.22 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BG036031.D
Acq: 1 Aug 2018 13:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.3	24.3	36.5
123	10.1	8.4	12.6





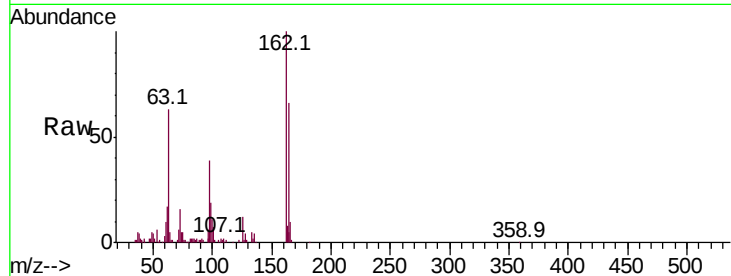
#29
2,4-Dichlorophenol
Concen: 49.864 ng
RT: 10.47 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BG036031.D
Acq: 1 Aug 2018 13:21

Instrument :
BNA_G
ClientSampleId :
PB111524BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	66.4	48.0	88.0	
98	39.3	21.1	61.1	

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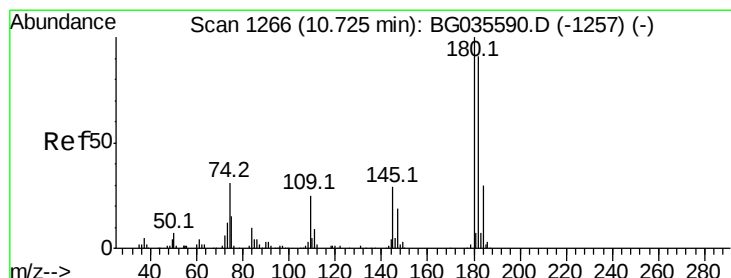
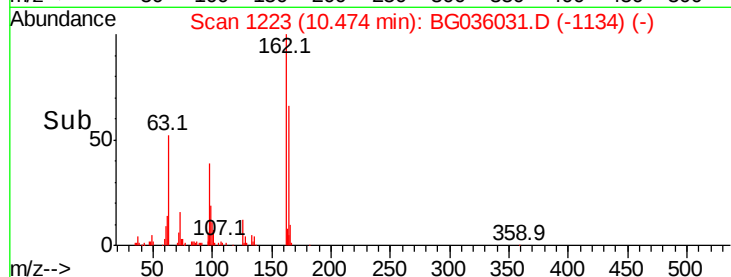
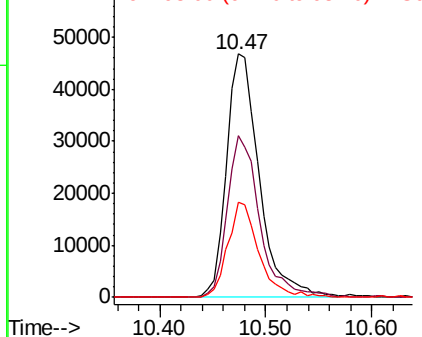


Abundance

Ion 162.00 (161.70 to 162.70): E

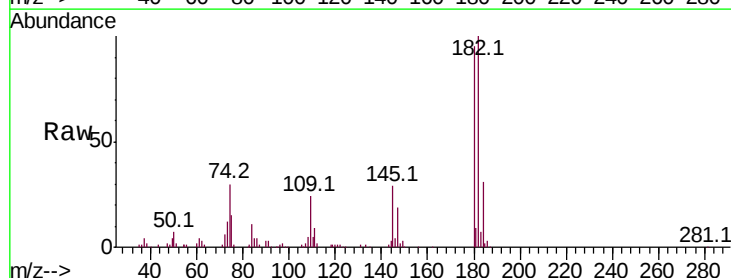
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
1,2,4-Trichlorobenzene
Concen: 44.004 ng
RT: 10.69 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BG036031.D
Acq: 1 Aug 2018 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	105.3	77.5	116.3	
145	30.6	23.4	35.2	

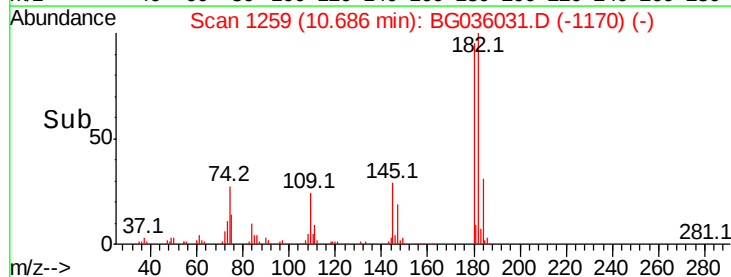
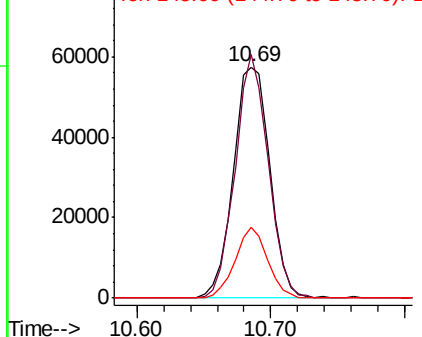


Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





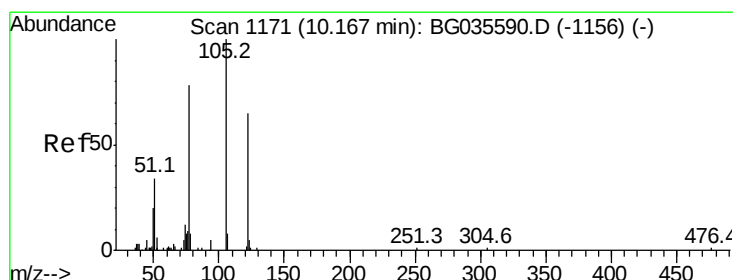
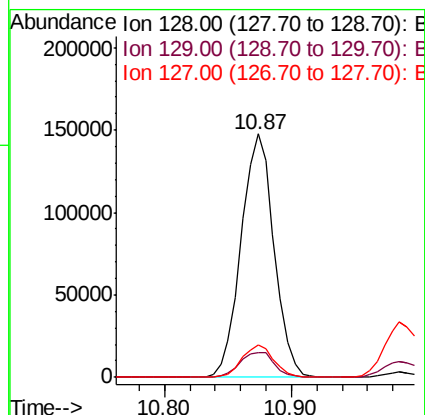
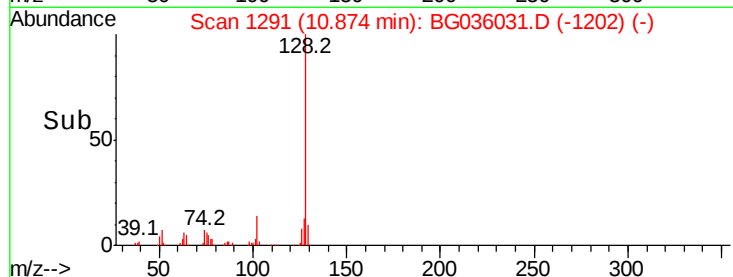
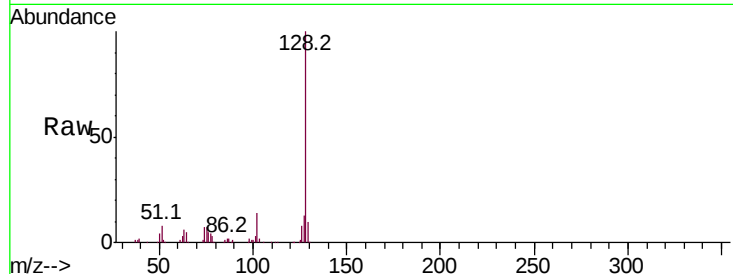
#31
Naphthalene
Concen: 41.845 ng
RT: 10.87 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BG036031.D
Acq: 1 Aug 2018 13:21

Instrument :
BNA_G
ClientSampleId :
PB111524BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.2	8.6	12.8	
127	13.3	11.6	17.4	

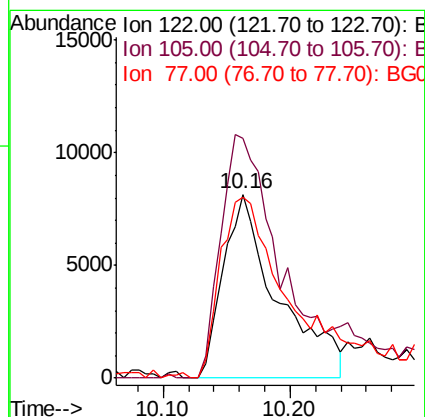
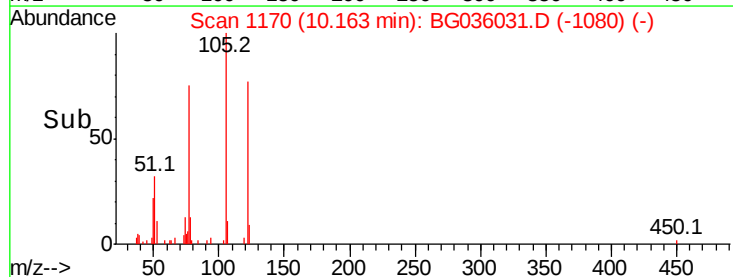
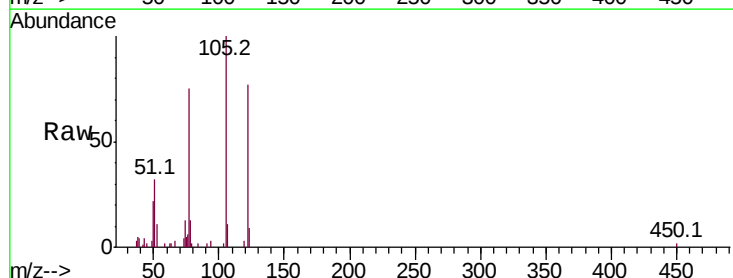
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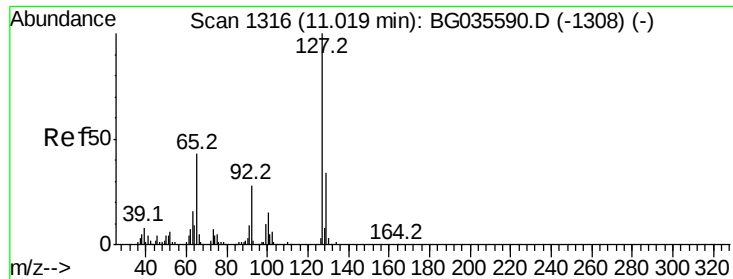
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8/2/2018 10:18:43 AM



#32
Benzoic acid
Concen: 20.504 ng
RT: 10.16 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BG036031.D
Acq: 1 Aug 2018 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	130.7	123.5	163.5	
77	98.2	85.7	125.7	





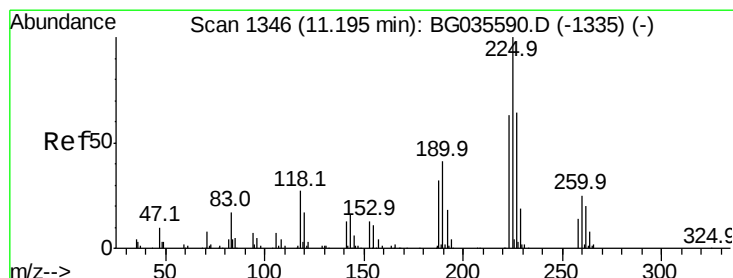
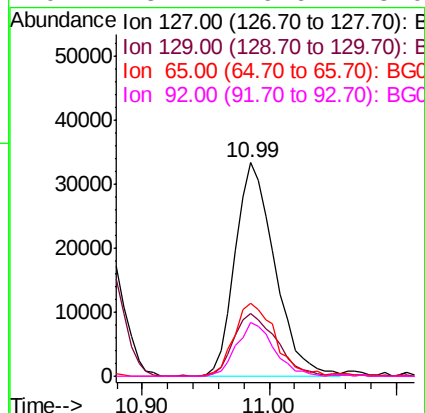
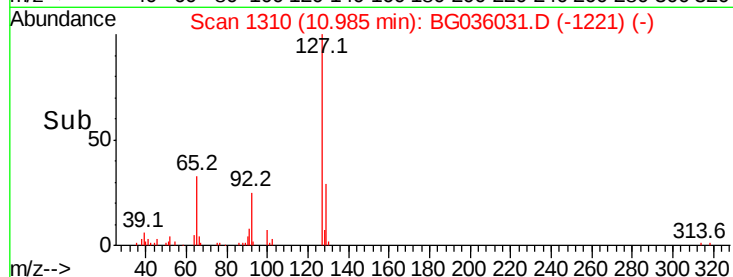
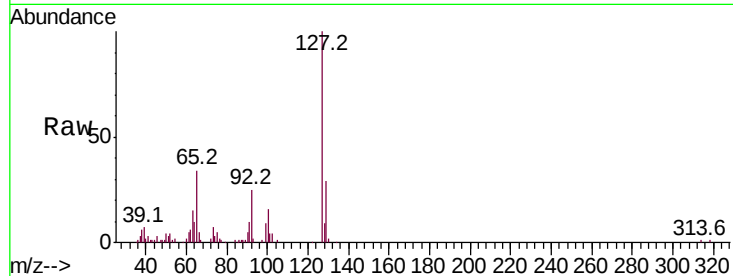
#33
4-Chloroaniline
Concen: 26.202 ng
RT: 10.99 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG036031.D
Acq: 1 Aug 2018 13:21

Instrument :
BNA_G
ClientSampleId :
PB111524BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	29.2	24.0	36.0	
65	34.0	27.0	40.4	
92	25.1	16.6	25.0	

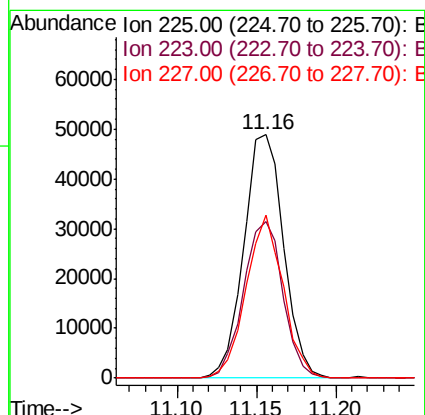
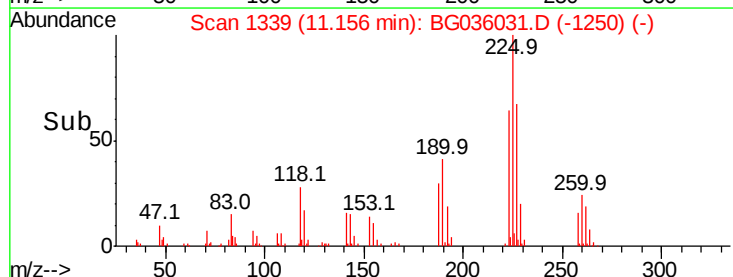
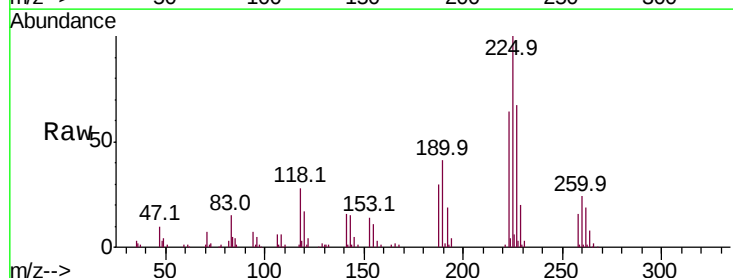
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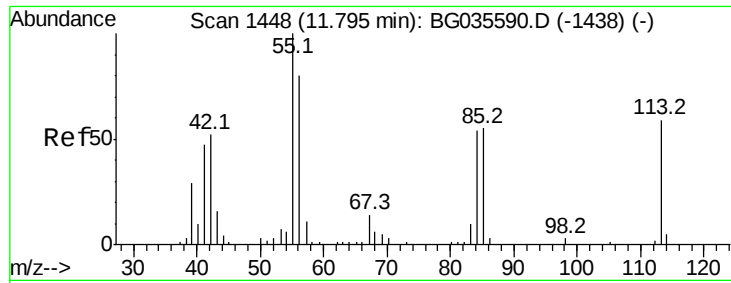
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#34
Hexachlorobutadiene
Concen: 44.396 ng
RT: 11.16 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BG036031.D
Acq: 1 Aug 2018 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.3	49.7	74.5	
227	67.2	48.1	72.1	





#35

Caprolactam

Concen: 38.272 ng/ml

RT: 11.77 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BG036031.D

Acq: 1 Aug 2018 13:21

Instrument :

BNA_G

ClientSampleId :

PB111524BSD

Tot Ion:113 Resp: 33016

Ion Ratio Lower Upper

113 100

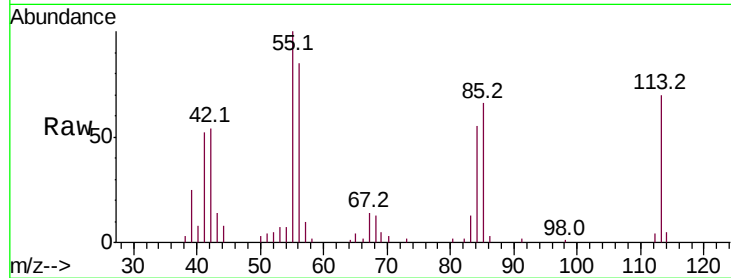
55 143.2 186.9 226.9#

56 121.8 130.9 170.9#

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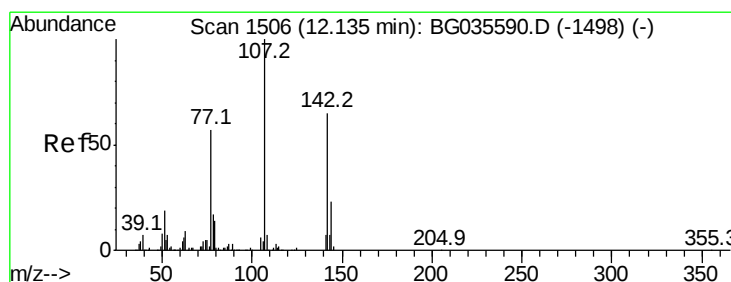
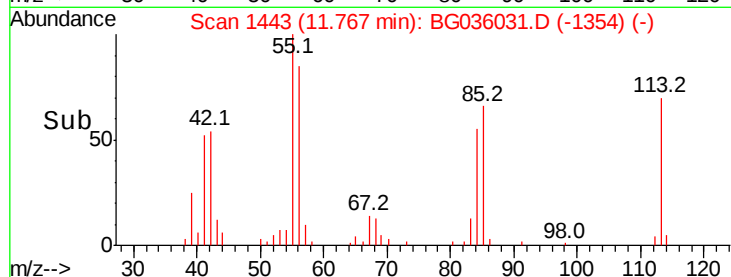
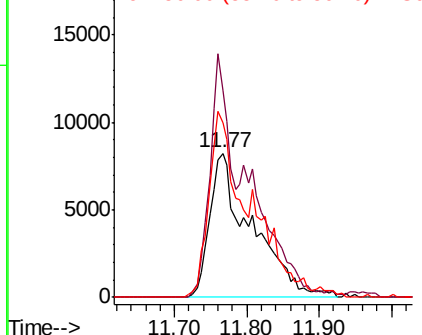
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 45.088 ng/ml

RT: 12.11 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BG036031.D

Acq: 1 Aug 2018 13:21

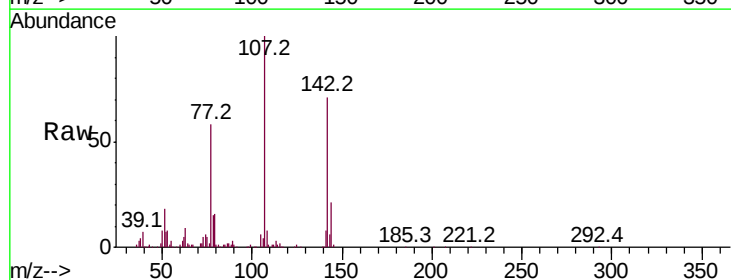
Tgt Ion:107 Resp: 121492

Ion Ratio Lower Upper

107 100

144 21.5 18.2 27.4

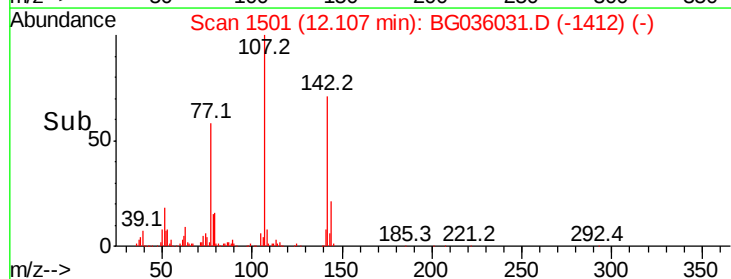
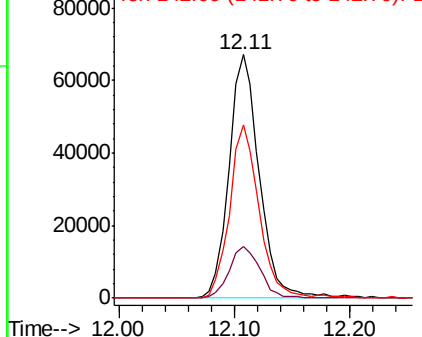
142 70.9 59.0 88.4



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





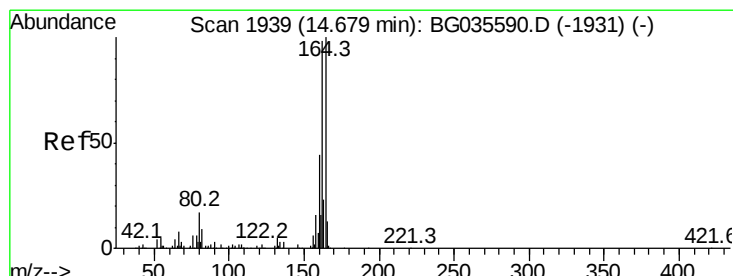
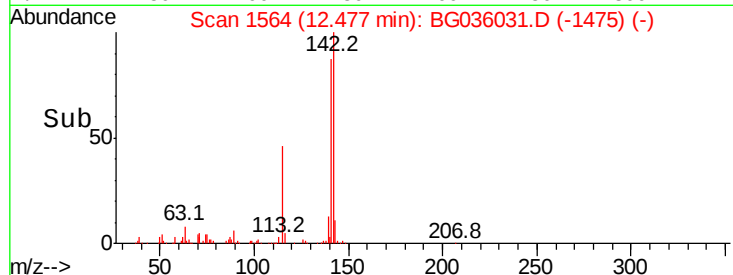
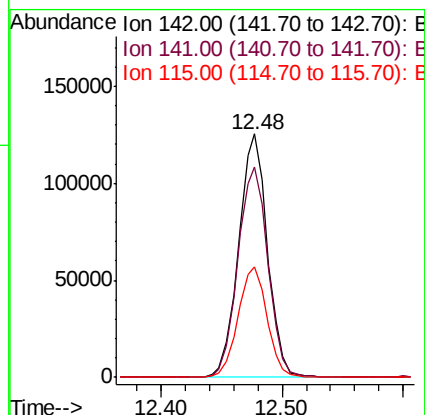
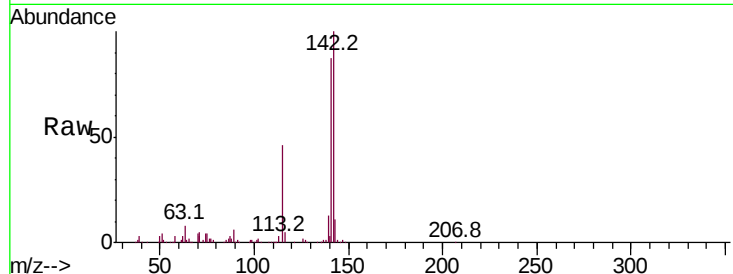
#37
 2-Methylnaphthalene
 Concen: 44.148 ng
 RT: 12.48 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BG036031.D
 Acq: 1 Aug 2018 13:21

Instrument :
 BNA_G
 ClientSampleId :
 PB111524BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	208477		
141	86.6	67.1	100.7	
115	45.5	30.7	46.1	

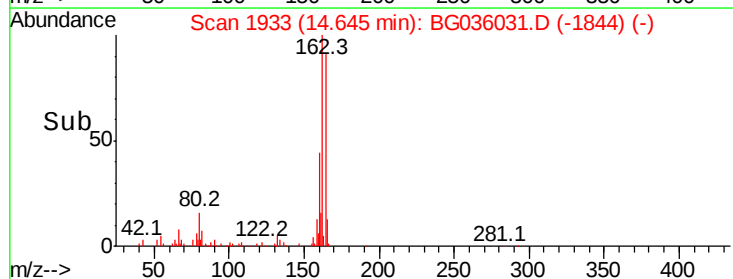
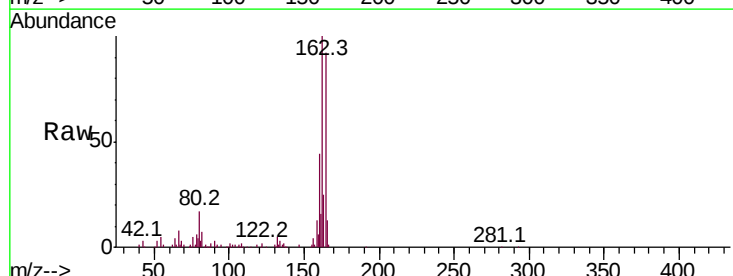
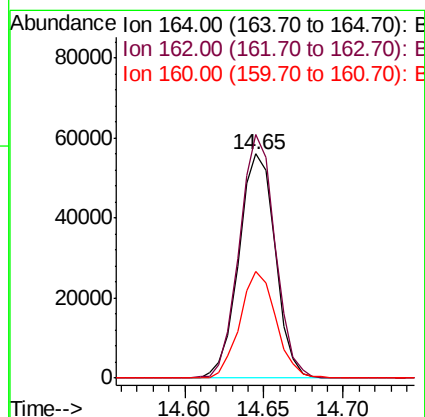
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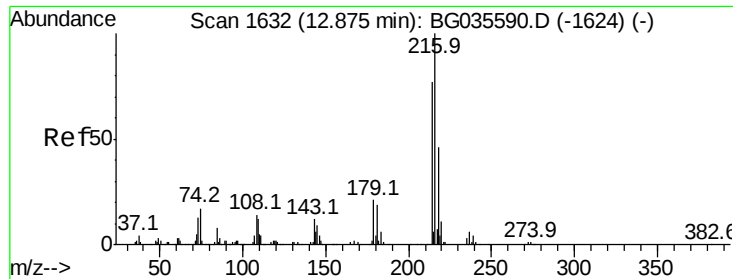
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BG036031.D
 Acq: 1 Aug 2018 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	89081		
162	108.7	78.8	118.2	
160	47.4	35.4	53.0	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.693 ng

RT: 12.84 min Scan# 1626

Delta R.T. -0.01 min

Lab File: BG036031.D

Acq: 1 Aug 2018 13:21

Instrument :

BNA_G

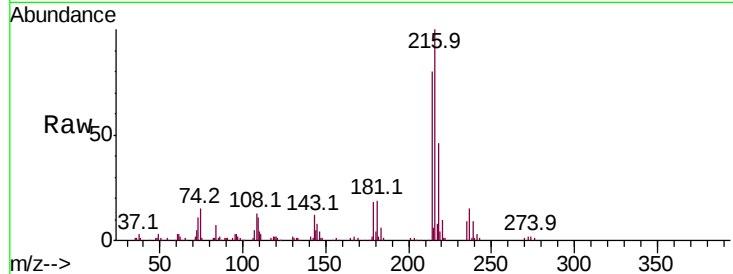
ClientSampleId :

PB111524BSD

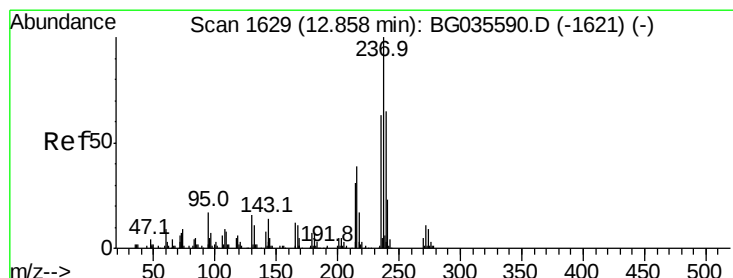
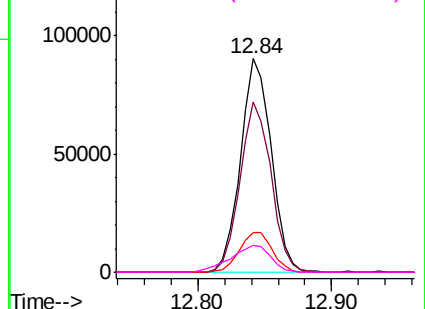
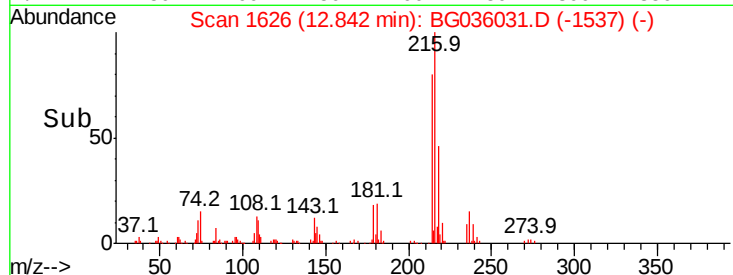
Tot Ion	Ratio	Resp	Lower	Upper
216	100	143544		
214	80.3	63.0	94.4	
179	19.9	17.0	25.6	
108	16.5	12.8	19.2	

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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 104.356 ng

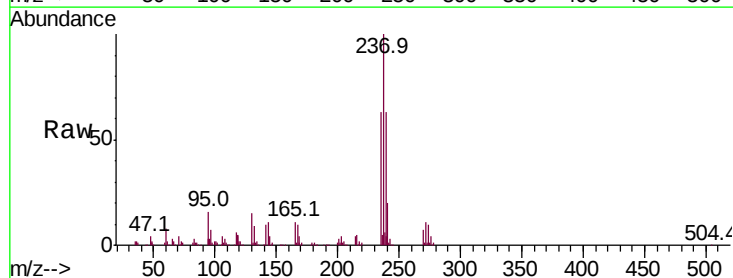
RT: 12.82 min Scan# 1622

Delta R.T. -0.01 min

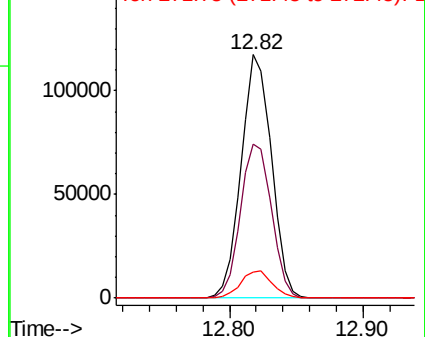
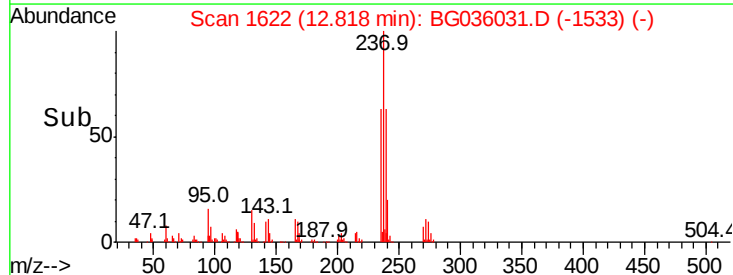
Lab File: BG036031.D

Acq: 1 Aug 2018 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	184011		
235	63.2	50.4	90.4	
272	10.8	0.0	31.8	



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





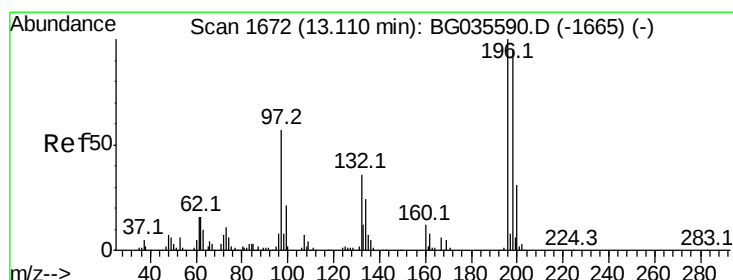
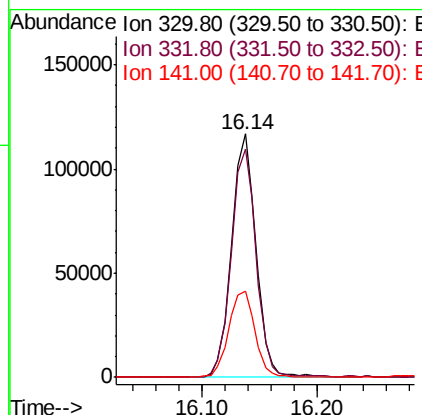
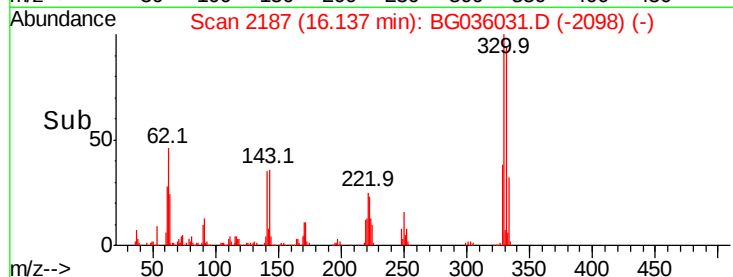
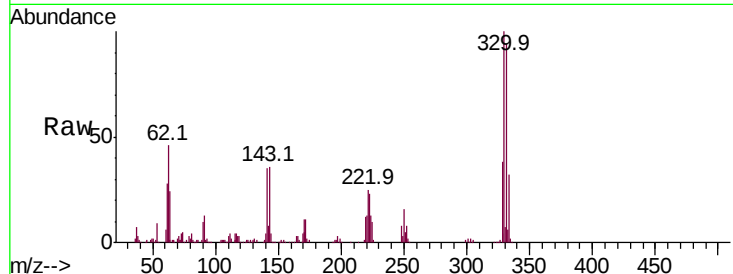
#41
 2,4,6-Tribromophenol
 Concen: 145.956 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG036031.D
 Acq: 1 Aug 2018 13:21

Instrument :
 BNA_G
 ClientSampleId :
 PB111524BSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	38.0	25.2	37.8

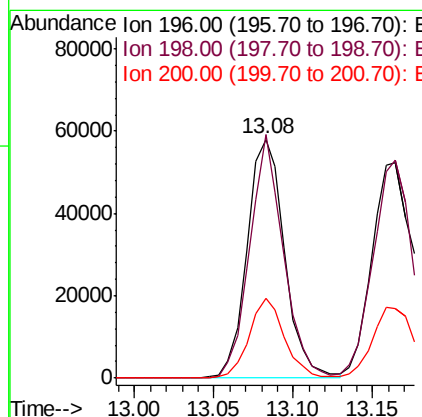
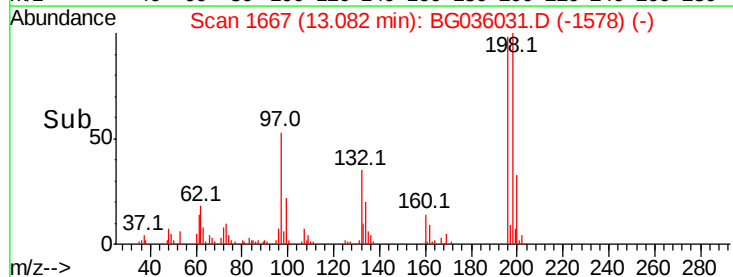
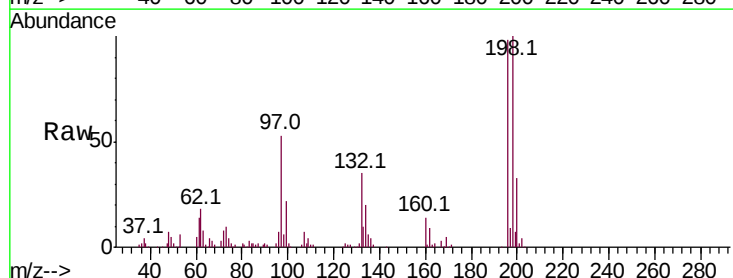
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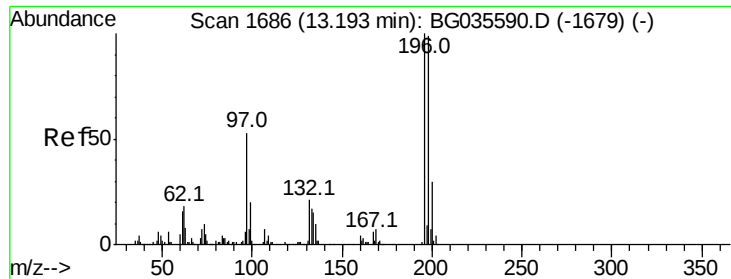
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#42
 2,4,6-Trichlorophenol
 Concen: 48.553 ng
 RT: 13.08 min Scan# 1667
 Delta R.T. -0.01 min
 Lab File: BG036031.D
 Acq: 1 Aug 2018 13:21

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.9	78.2	117.2
200	33.2	24.6	36.8





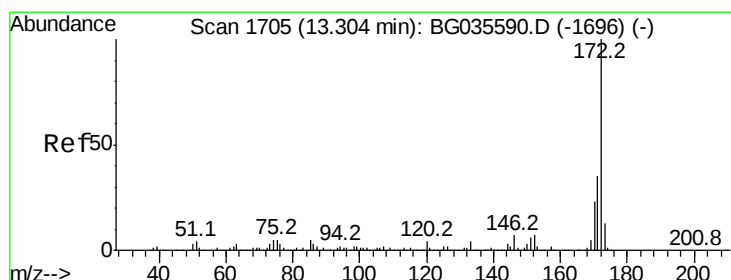
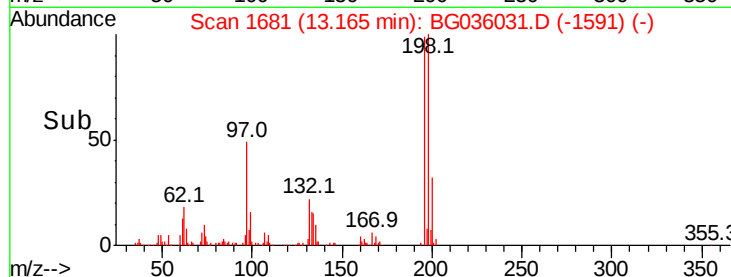
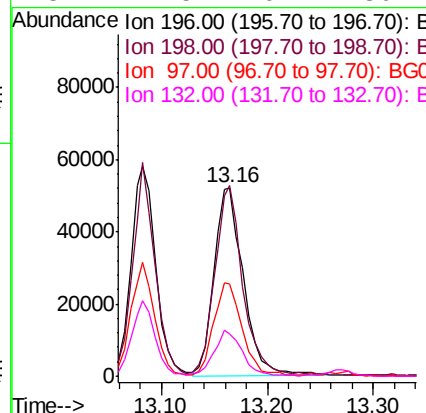
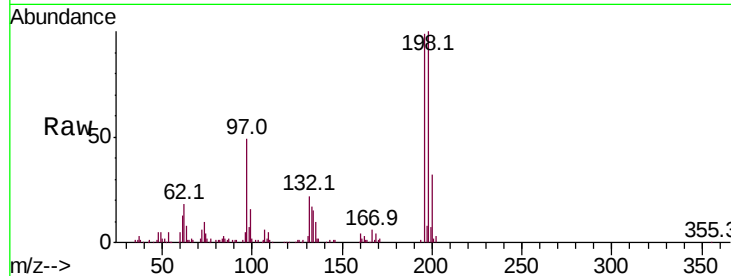
#43
2,4,5-Trichlorophenol
Concen: 45.872 ng
RT: 13.16 min Scan# 1681
Delta R.T. 0.00 min
Lab File: BG036031.D
Acq: 1 Aug 2018 13:21

Instrument :
BNA_G
ClientSampleId :
PB111524BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	101.3	76.2	114.4	
97	49.2	38.7	58.1	
132	22.5	20.2	30.2	

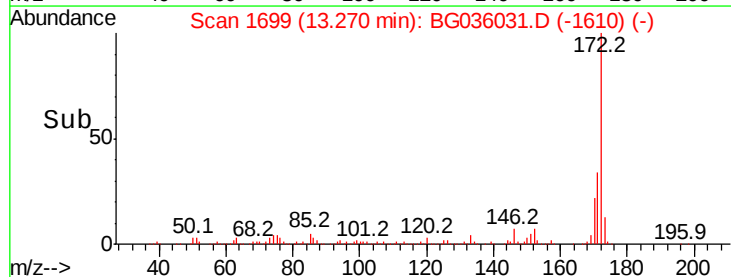
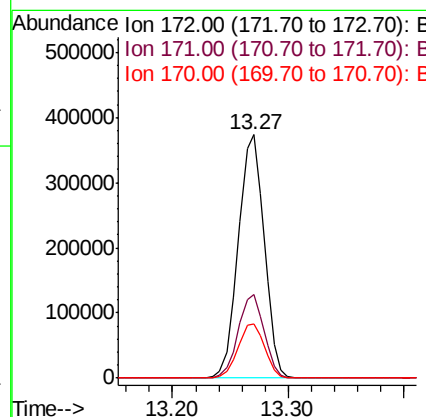
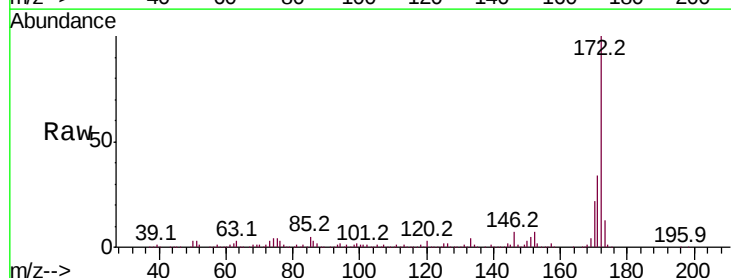
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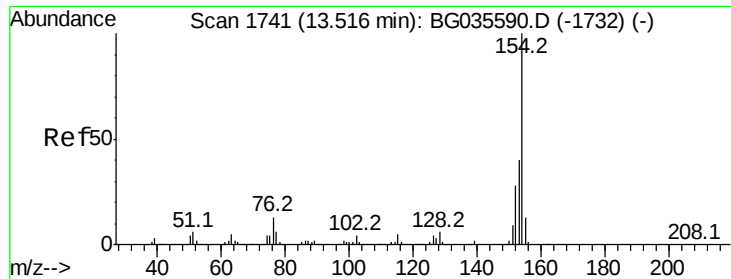
Sohil
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#44
2-Fluorobiphenyl
Concen: 87.486 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.01 min
Lab File: BG036031.D
Acq: 1 Aug 2018 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.2	30.0	45.0	
170	22.4	19.5	29.3	





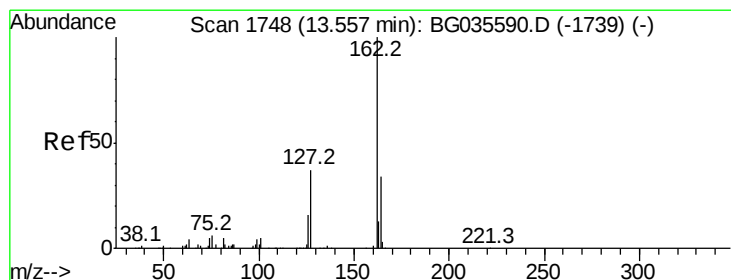
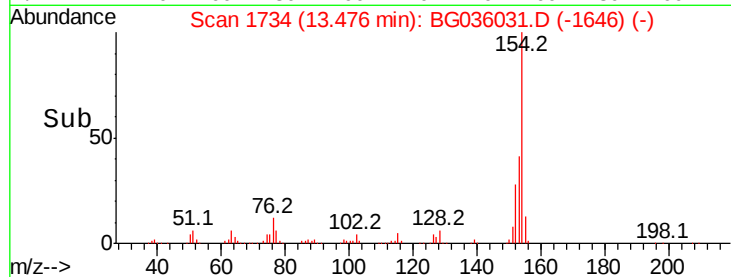
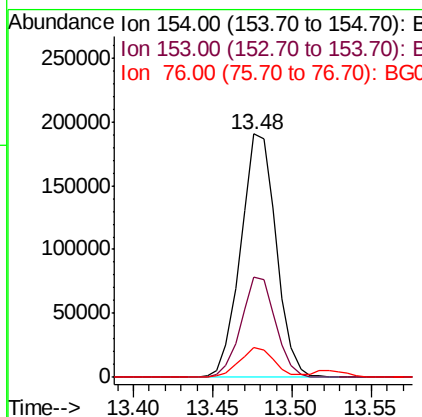
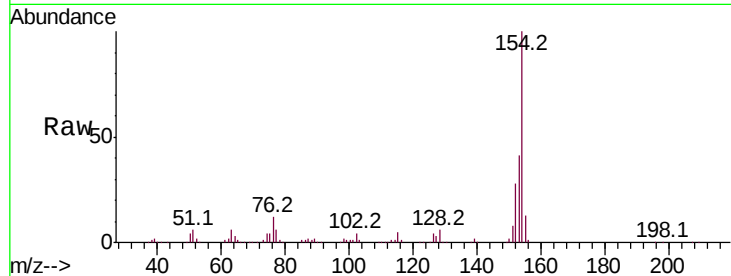
#45
 1,1'-Biphenyl
 Concen: 42.709 ng
 RT: 13.48 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG036031.D
 Acq: 1 Aug 2018 13:21

Instrument :
 BNA_G
 ClientSampleId :
 PB111524BSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.3	19.8	59.8	
76	12.1	0.0	31.9	

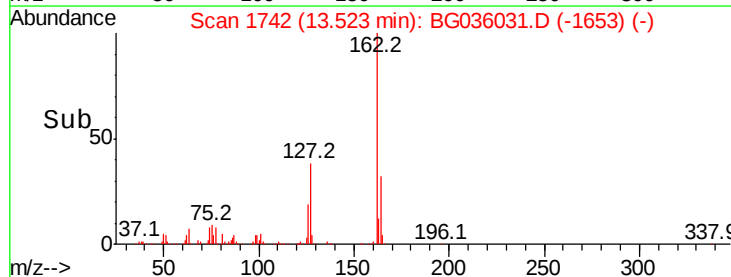
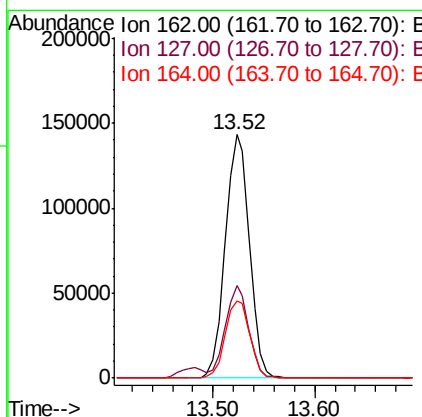
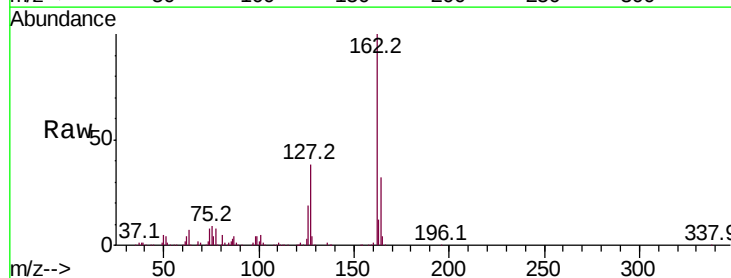
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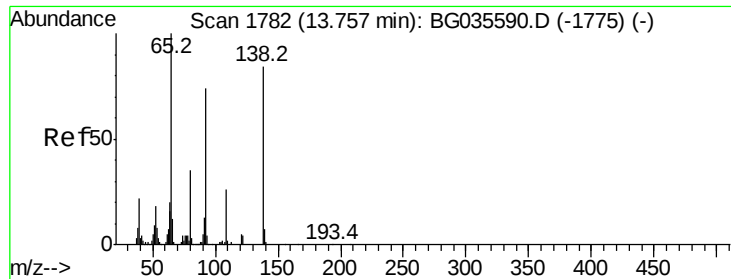
Sohil
 8/2/2018 10:18:43 AM



#46
 2-Chloronaphthalene
 Concen: 43.872 ng
 RT: 13.52 min Scan# 1742
 Delta R.T. -0.01 min
 Lab File: BG036031.D
 Acq: 1 Aug 2018 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	37.9	30.7	46.1	
164	32.0	26.0	39.0	





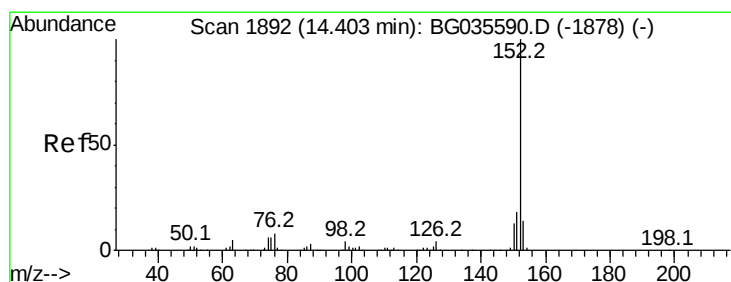
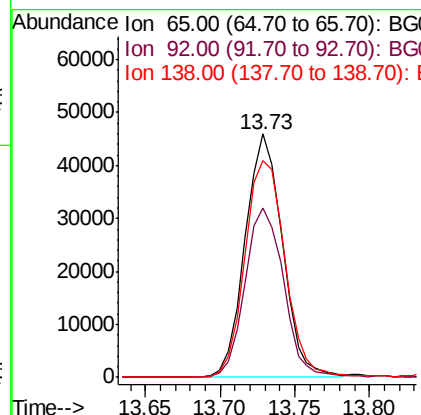
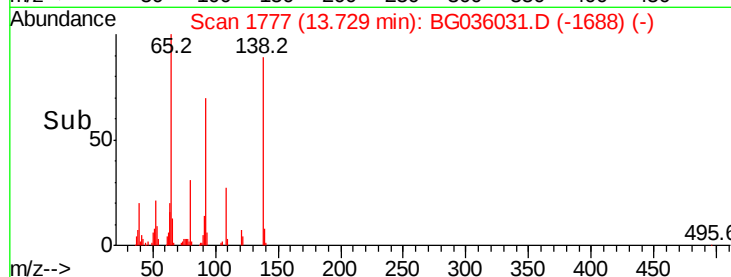
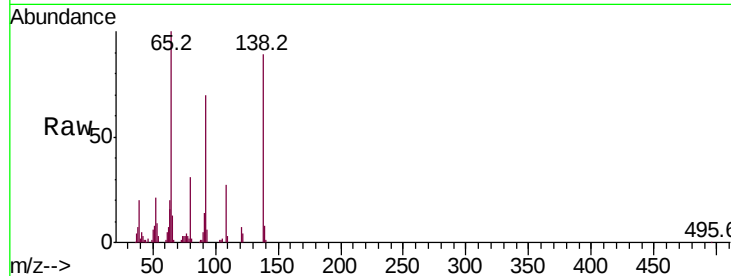
#47
2-Nitroaniline
Concen: 41.901 ng
RT: 13.73 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG036031.D
Acq: 1 Aug 2018 13:21

Instrument :
BNA_G
ClientSampleId :
PB111524BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.6	54.6	82.0
138	89.0	72.9	109.3

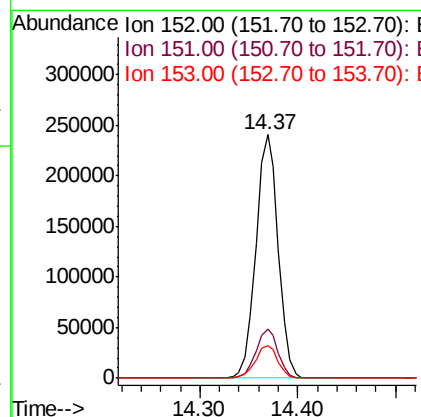
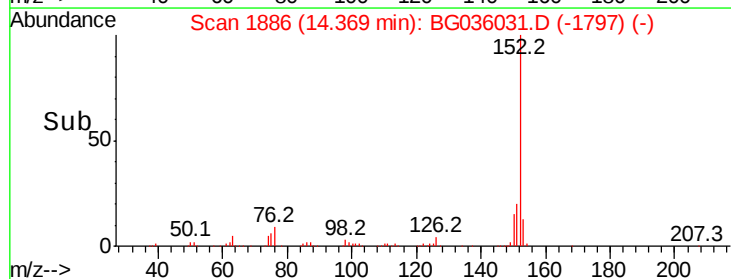
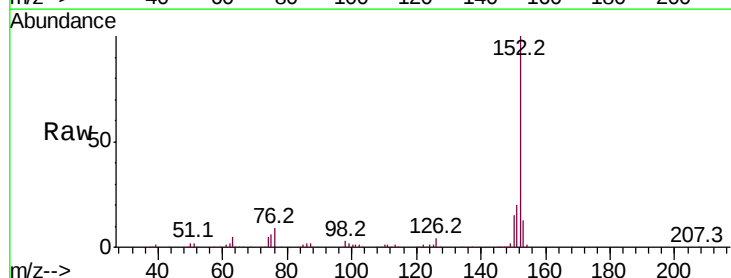
Manual Integrations
APPROVED

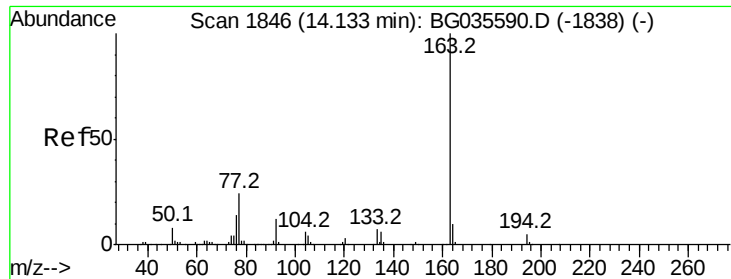
Sohil
8/2/2018 10:18:43 AM



#48
Acenaphthylene
Concen: 42.765 ng
RT: 14.37 min Scan# 1886
Delta R.T. -0.01 min
Lab File: BG036031.D
Acq: 1 Aug 2018 13:21

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	17.2	25.8
153	13.4	10.2	15.4





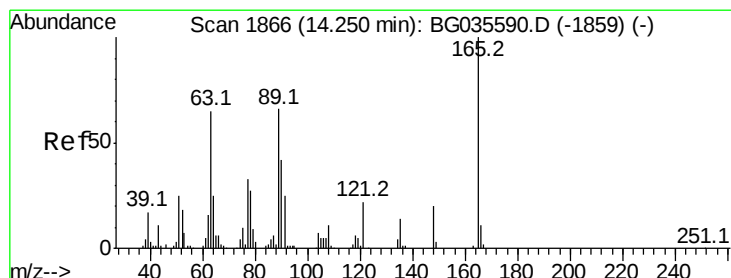
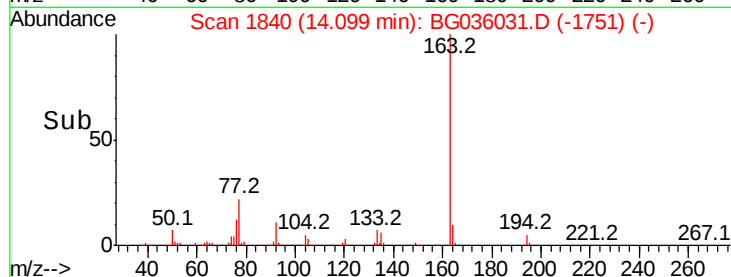
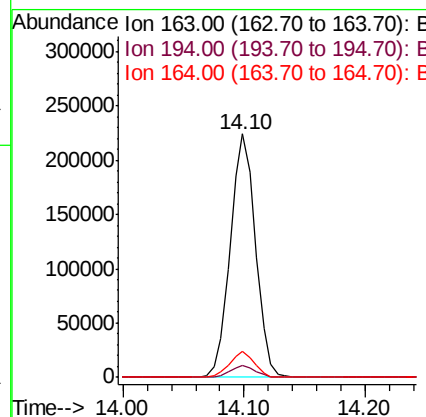
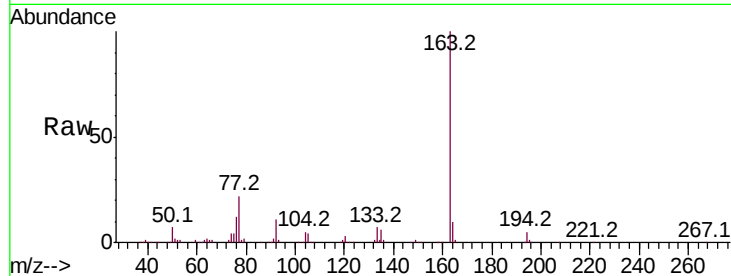
#49
Dimethylphthalate
Concen: 41.508 ng
RT: 14.10 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BG036031.D
Acq: 1 Aug 2018 13:21

Instrument :
BNA_G
ClientSampleId :
PB111524BSD

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	4.8	3.4	5.2
164	10.5	8.2	12.4

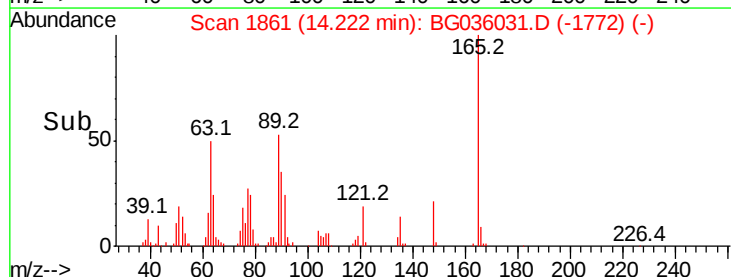
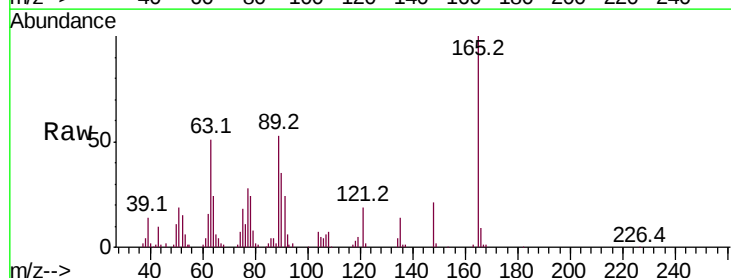
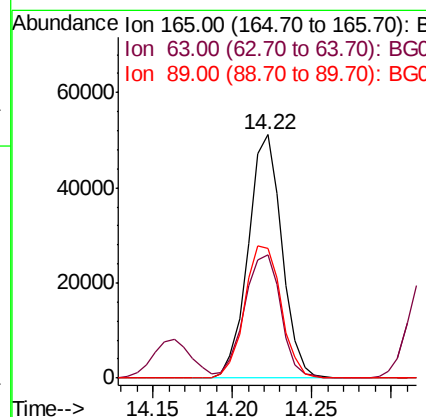
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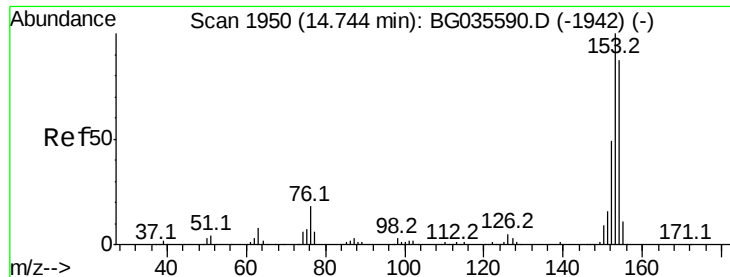
Sohil
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#50
2,6-Dinitrotoluene
Concen: 47.634 ng
RT: 14.22 min Scan# 1861
Delta R.T. -0.01 min
Lab File: BG036031.D
Acq: 1 Aug 2018 13:21

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	50.5	52.7	79.1#
89	53.4	49.2	73.8





#51

Acenaphthene

Concen: 39.955 ng

RT: 14.71 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG036031.D

Acq: 1 Aug 2018 13:21

Instrument :

BNA_G

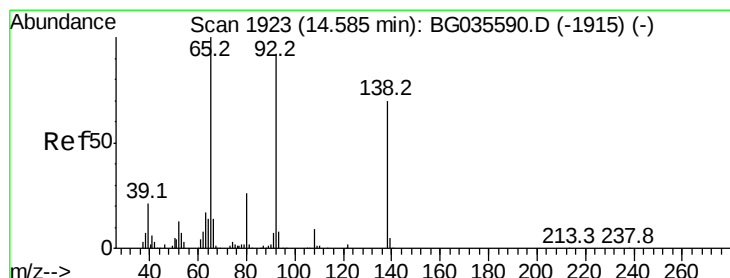
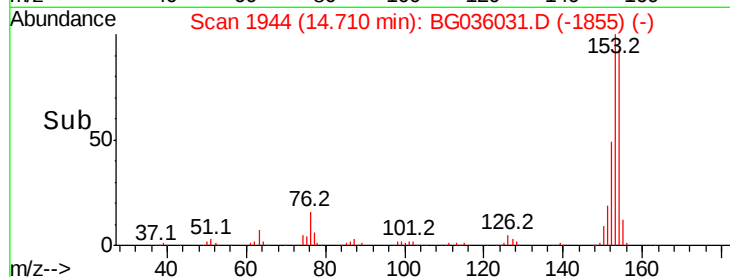
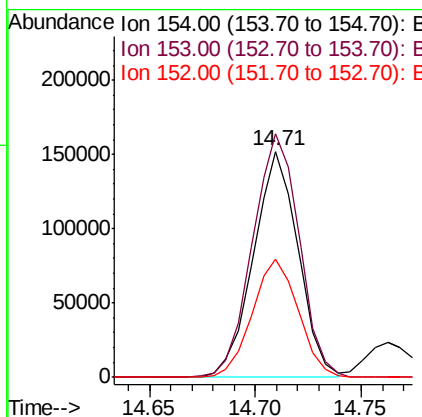
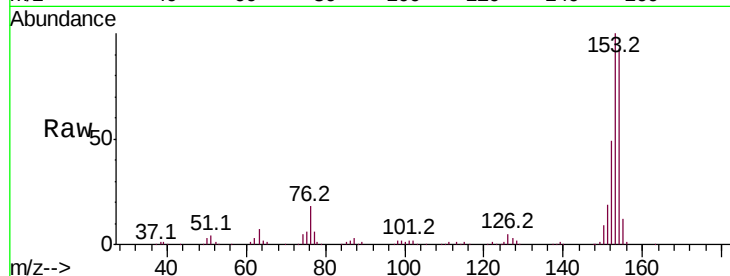
ClientSampleId :

PB111524BSD

Tot Ion:	154	Resp:	223976
Ion Ratio	Lower	Upper	
154	100		
153	107.9	90.4	135.6
152	52.4	41.6	62.4

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#52

3-Nitroaniline

Concen: 29.396 ng

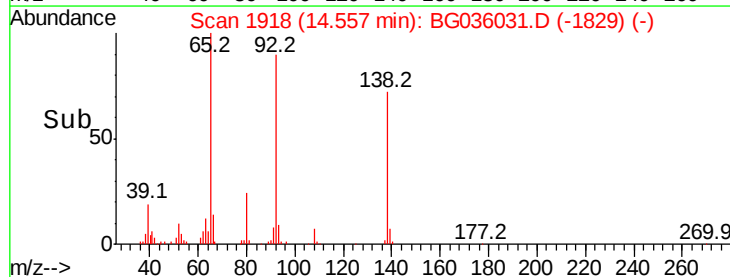
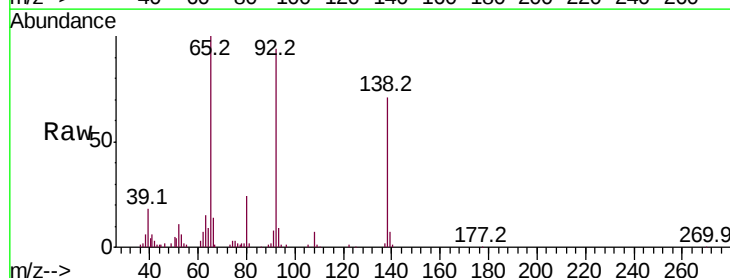
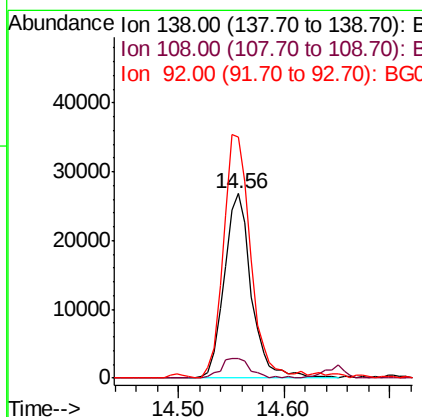
RT: 14.56 min Scan# 1918

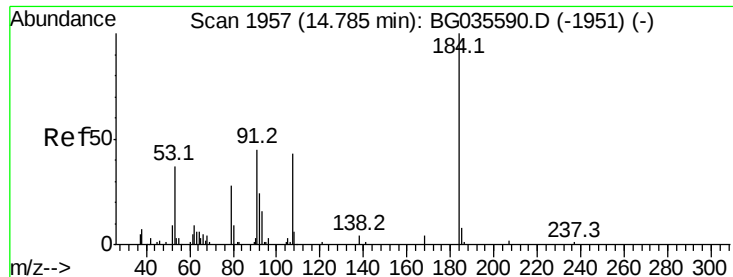
Delta R.T. -0.01 min

Lab File: BG036031.D

Acq: 1 Aug 2018 13:21

Tgt Ion:	138	Resp:	47751
Ion Ratio	Lower	Upper	
138	100		
108	10.4	17.5	26.3#
92	131.1	105.8	158.8





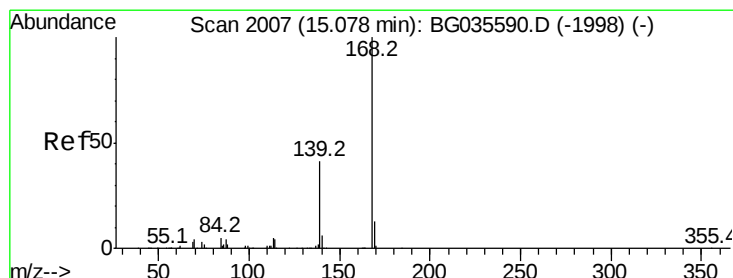
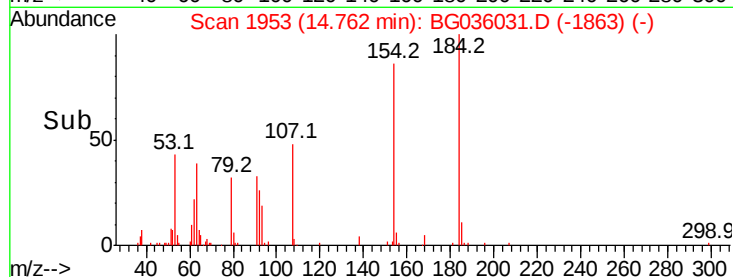
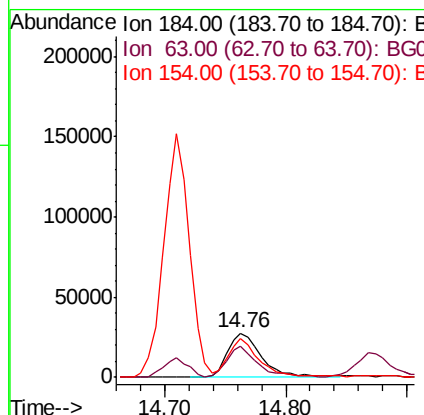
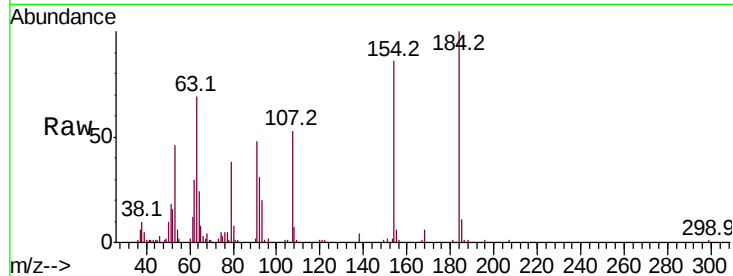
#53
2,4-Dinitrophenol
Concen: 67.751 ng
RT: 14.76 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BG036031.D
Acq: 1 Aug 2018 13:21

Instrument :
BNA_G
ClientSampleId :
PB111524BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	68.9	59.8	89.8
154	86.3	101.8	152.8#

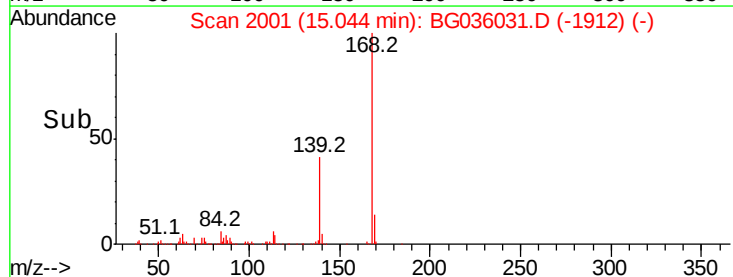
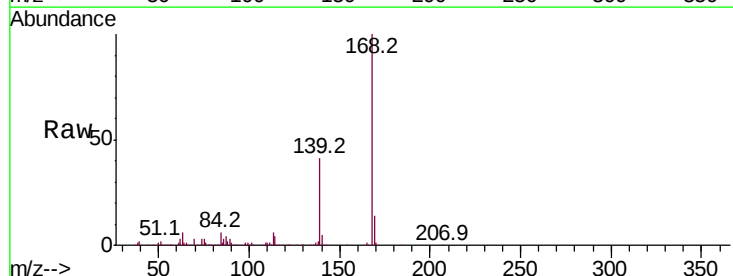
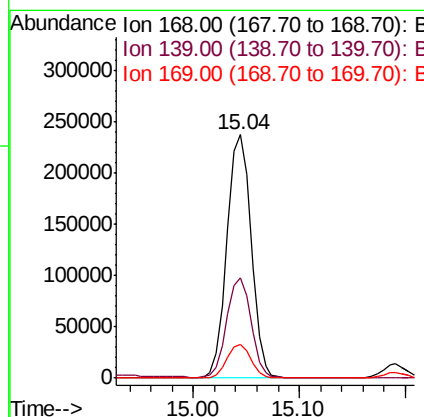
Manual Integrations
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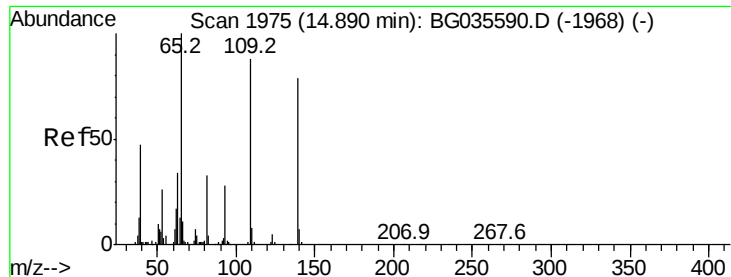
Sohil
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#54
Dibenzofuran
Concen: 42.283 ng
RT: 15.04 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BG036031.D
Acq: 1 Aug 2018 13:21

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.4	28.6	43.0
169	14.1	11.2	16.8





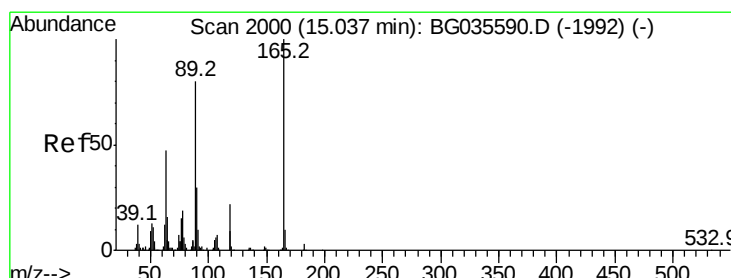
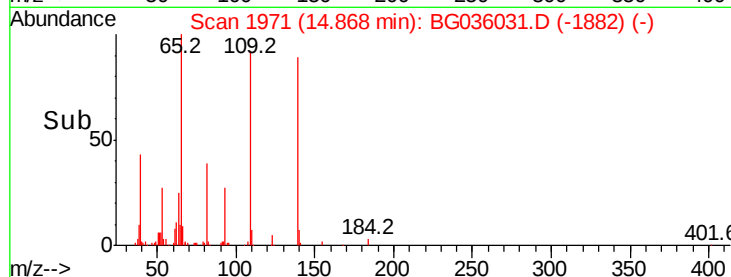
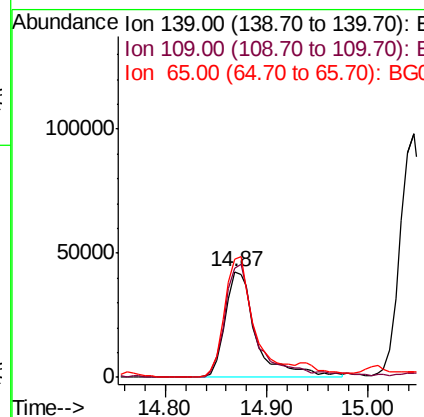
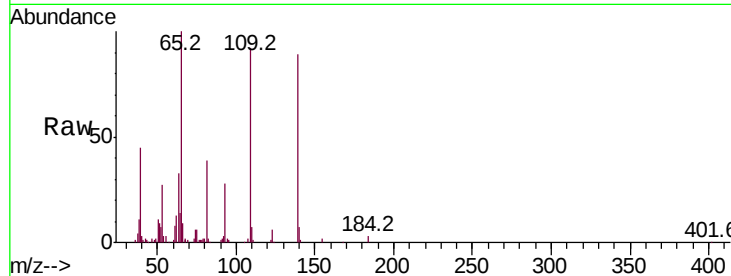
#55
4-Nitrophenol
Concen: 79.183 ng
RT: 14.87 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BG036031.D
Acq: 1 Aug 2018 13:21

Instrument :
BNA_G
ClientSampleId :
PB111524BSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	103.4	62.2	102.2#
65	111.9	97.2	137.2

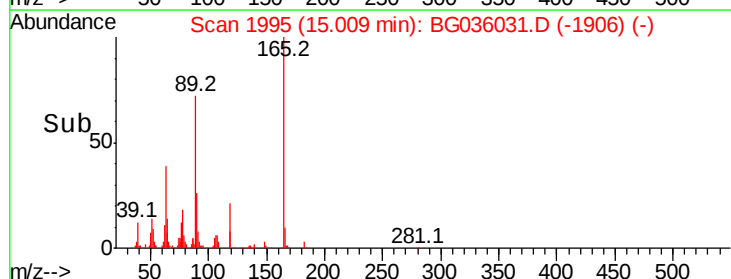
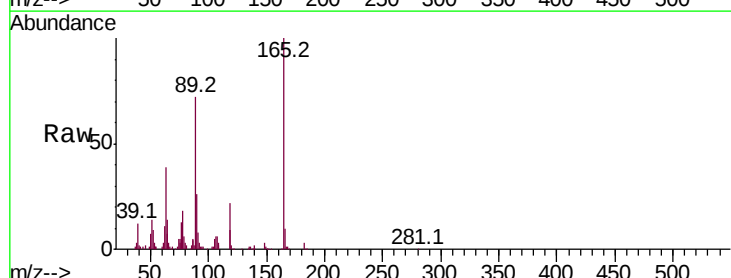
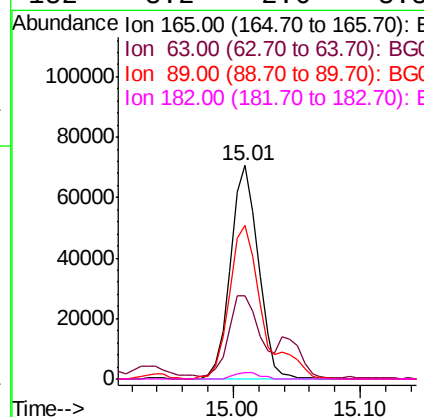
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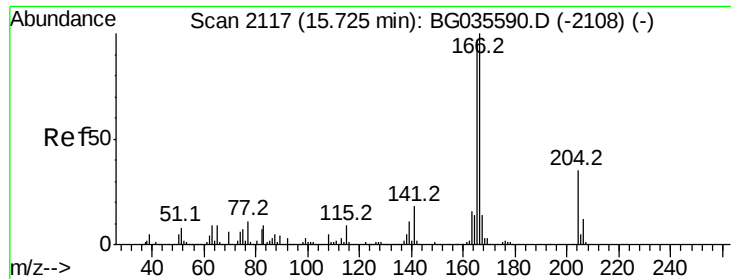
Sohil
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#56
2,4-Dinitrotoluene
Concen: 46.946 ng
RT: 15.01 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BG036031.D
Acq: 1 Aug 2018 13:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	39.0	42.0	63.0#
89	72.2	66.9	100.3
182	3.2	2.6	3.8





#57

Fluorene

Concen: 42.805 ng

RT: 15.69 min Scan# 2111

Delta R.T. -0.01 min

Lab File: BG036031.D

Acq: 1 Aug 2018 13:21

Instrument :

BNA_G

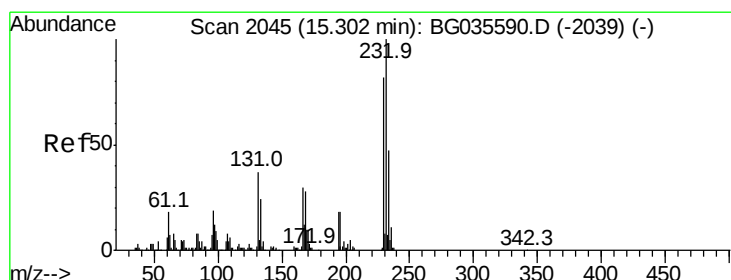
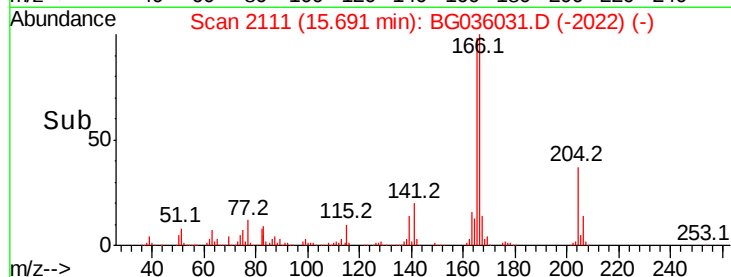
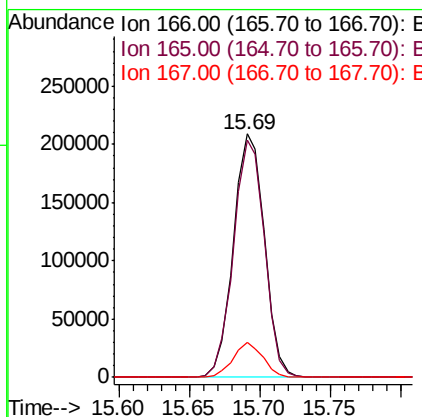
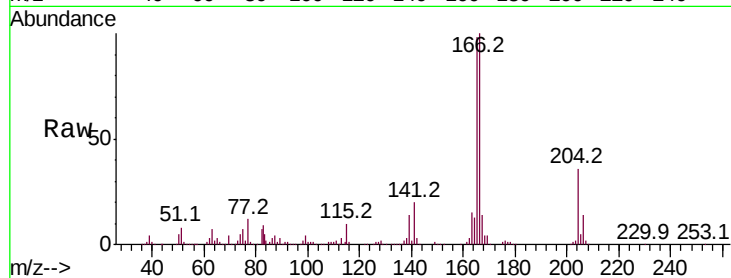
ClientSampleId :

PB111524BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	319849		
165	97.6	80.6	121.0	
167	14.4	10.4	15.6	

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#58

2,3,4,6-Tetrachlorophenol

Concen: 45.992 ng

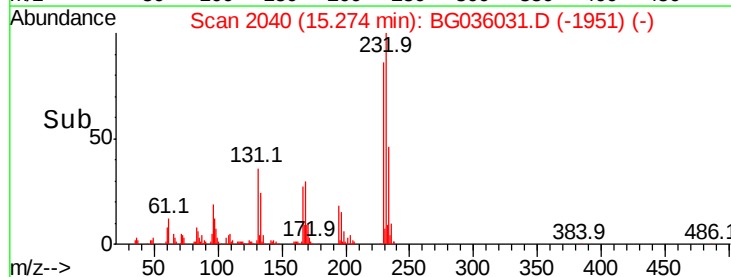
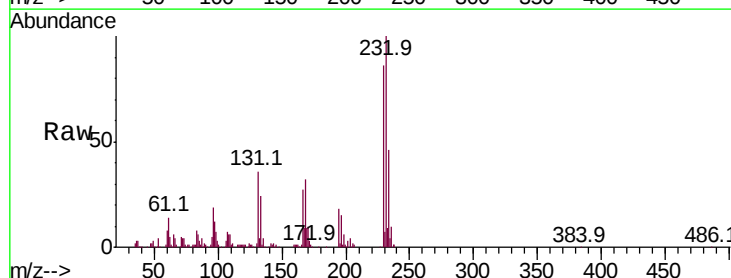
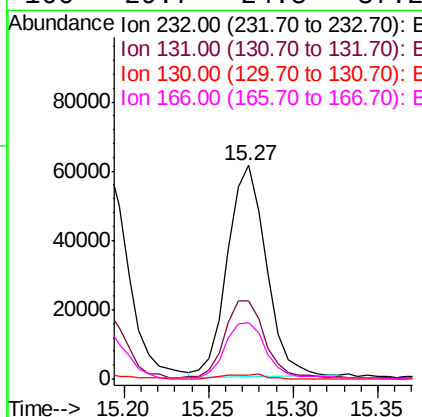
RT: 15.27 min Scan# 2040

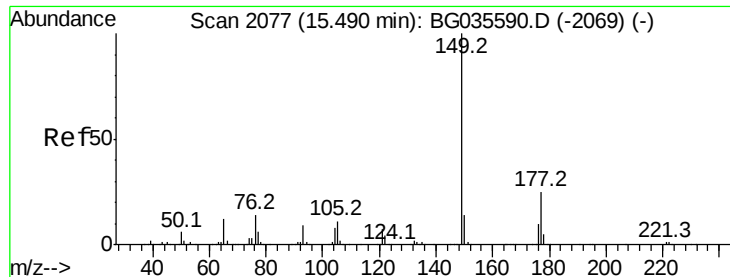
Delta R.T. -0.01 min

Lab File: BG036031.D

Acq: 1 Aug 2018 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	96996		
131	40.1	33.5	50.3	
130	2.3	2.2	3.2	
166	29.7	24.8	37.2	





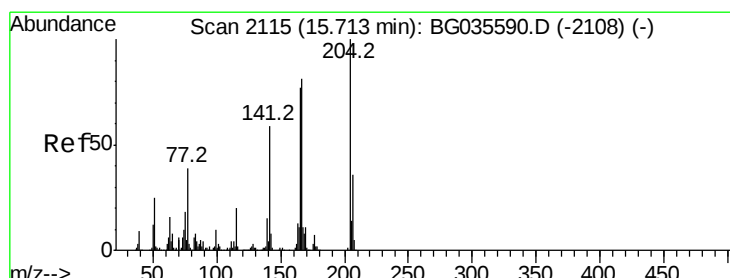
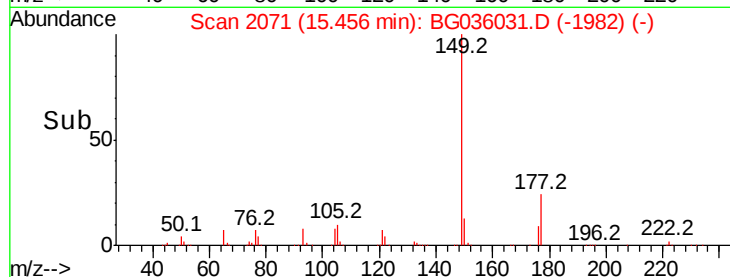
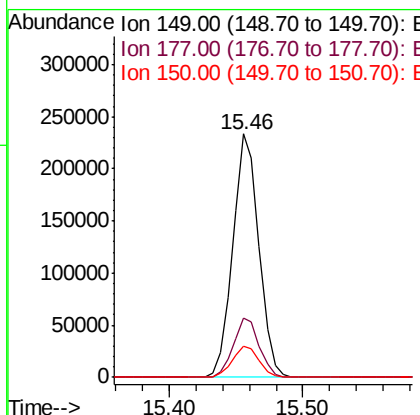
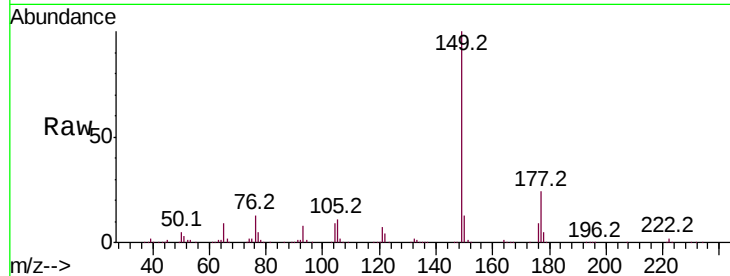
#59
Diethylphthalate
Concen: 39.430 ng
RT: 15.46 min Scan# 2071
Delta R.T. -0.01 min
Lab File: BG036031.D
Acq: 1 Aug 2018 13:21

Instrument :
BNA_G
ClientSampleId :
PB111524BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	316440		
177	24.2	18.5	27.7	
150	12.9	10.2	15.2	

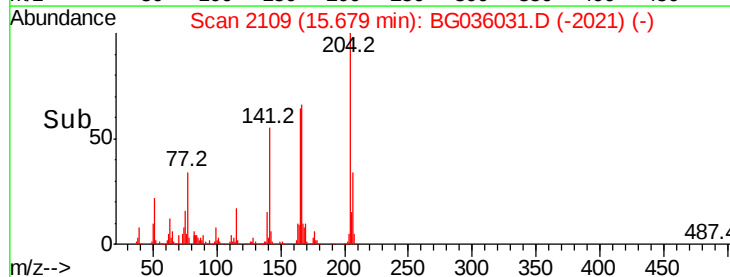
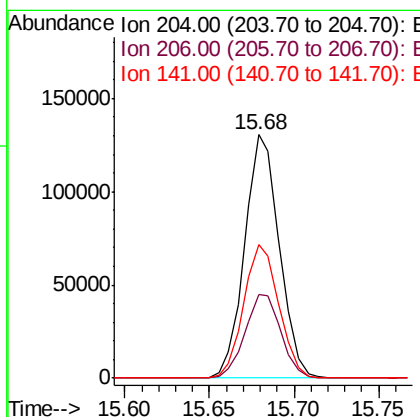
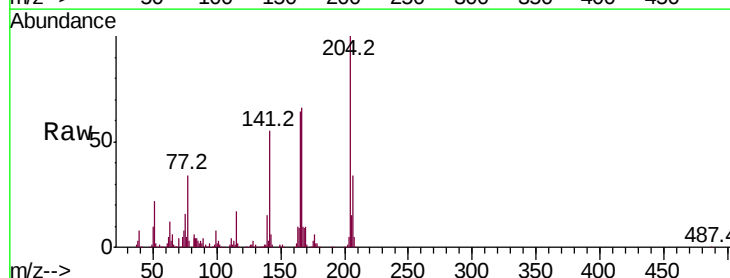
Manual Integrations
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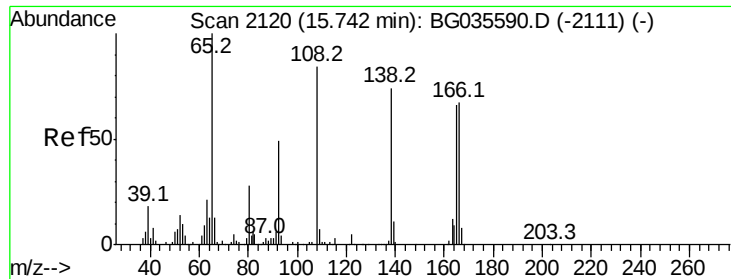
Sohil
8/2/2018 10:18:43 AM



#60
4-Chlorophenyl-phenylether
Concen: 42.417 ng
RT: 15.68 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BG036031.D
Acq: 1 Aug 2018 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	186286		
206	34.4	26.2	39.2	
141	54.7	45.8	68.6	





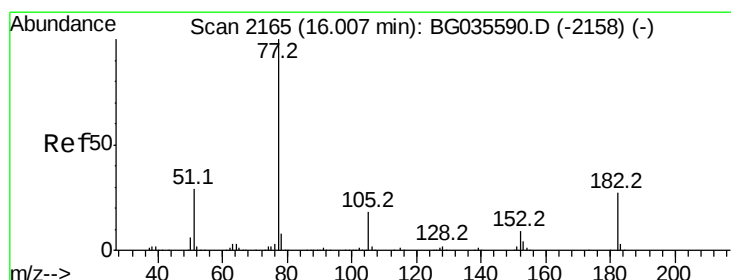
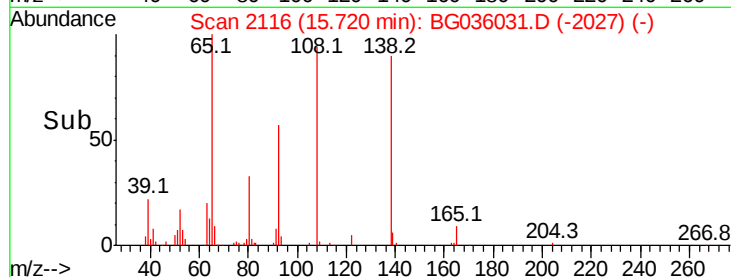
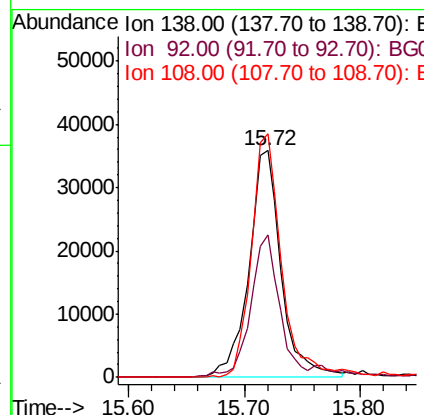
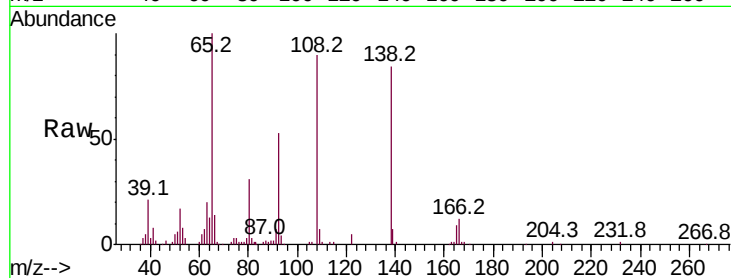
#61
4-Nitroaniline
Concen: 40.978 ng
RT: 15.72 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BG036031.D
Acq: 1 Aug 2018 13:21

Instrument :
BNA_G
ClientSampleId :
PB111524BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	62.9	40.1	80.1
108	107.3	65.4	105.4

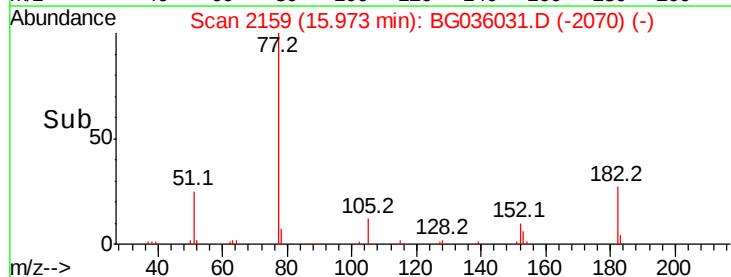
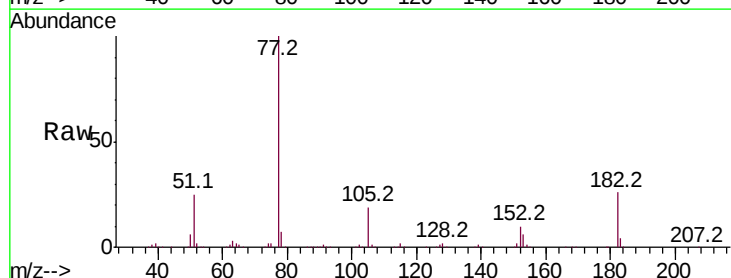
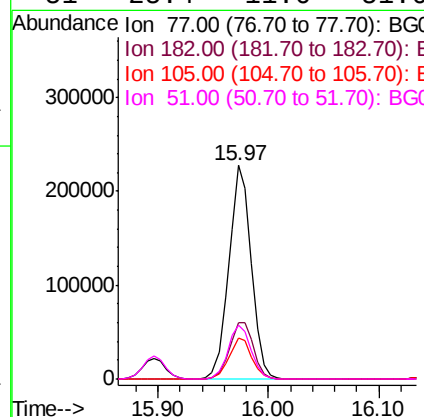
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#62
Azobenzene
Concen: 40.832 ng
RT: 15.97 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG036031.D
Acq: 1 Aug 2018 13:21

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.2	7.4	47.4
105	19.0	0.3	40.3
51	25.4	11.6	51.6





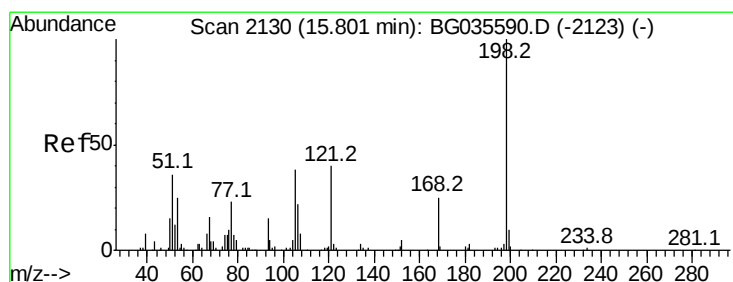
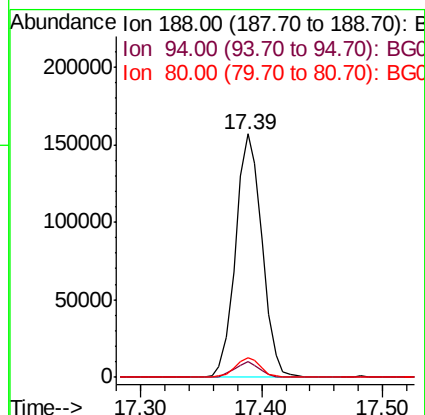
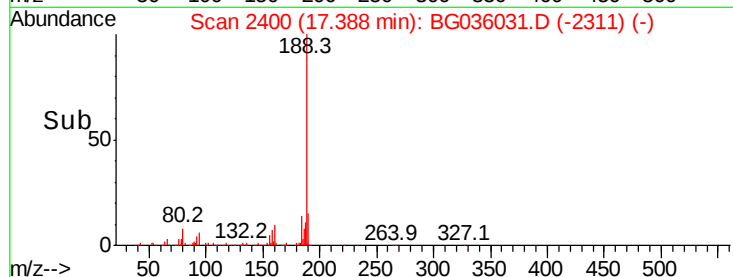
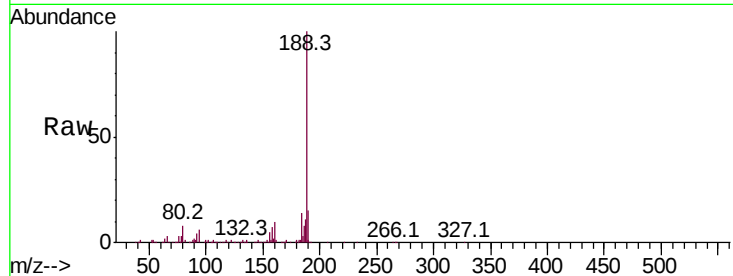
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BG036031.D
Acq: 1 Aug 2018 13:21

Instrument :
BNA_G
ClientSampleId :
PB111524BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	239261		
94	6.4	6.9	10.3	
80	8.0	7.7	11.5	

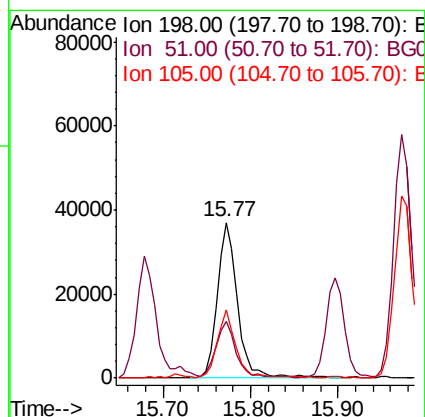
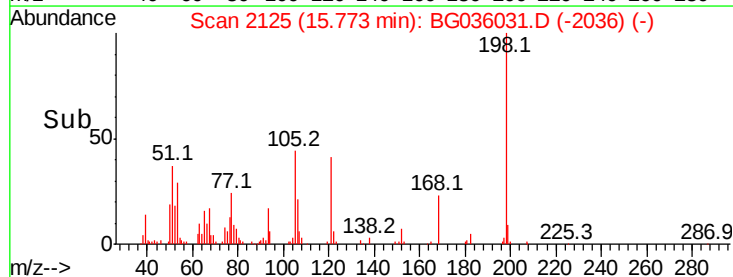
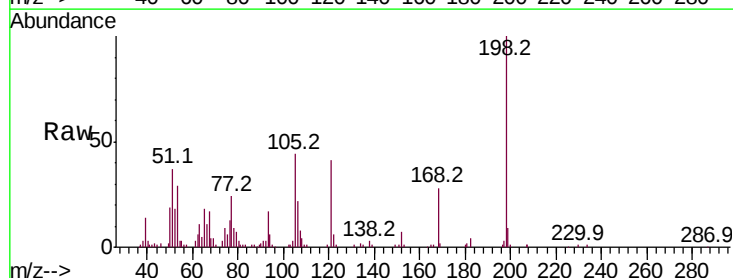
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#64
4,6-Dinitro-2-methylphenol
Concen: 44.445 ng
RT: 15.77 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BG036031.D
Acq: 1 Aug 2018 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	59196		
51	36.5	30.6	70.6	
105	43.5	23.8	63.8	





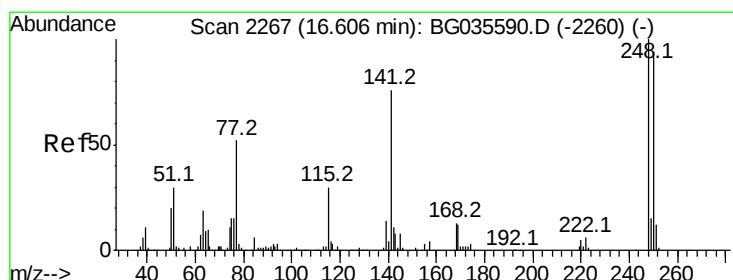
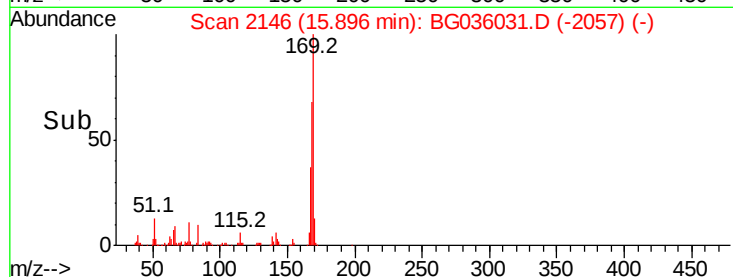
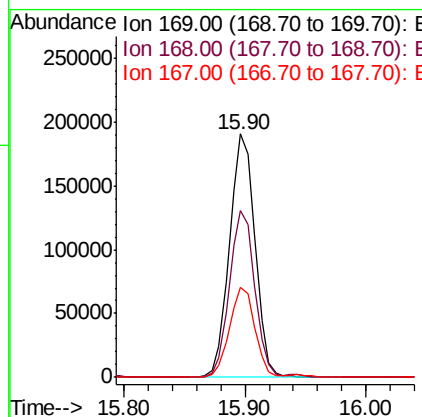
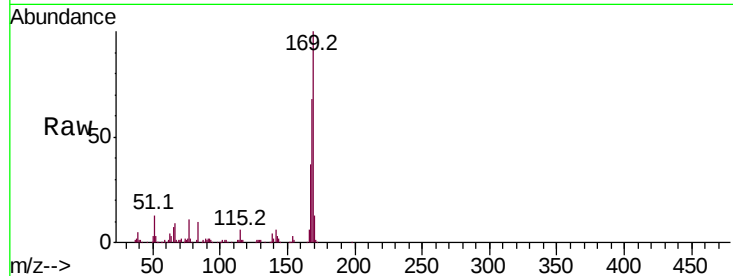
#65
n-Nitrosodiphenylamine
Concen: 41.028 ng
RT: 15.90 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG036031.D
Acq: 1 Aug 2018 13:21

Instrument :
BNA_G
ClientSampleId :
PB111524BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	279411		
168	68.4		55.7	83.5
167	37.0		30.1	45.1

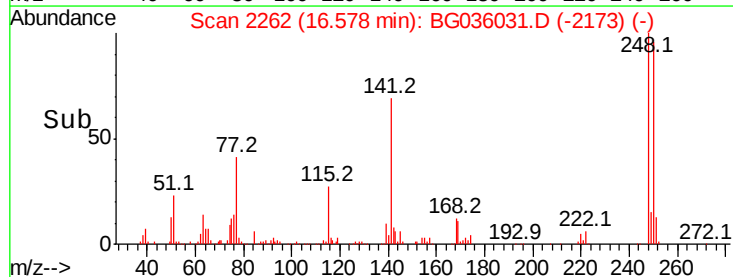
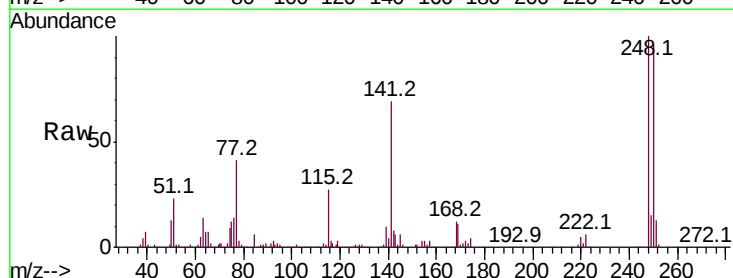
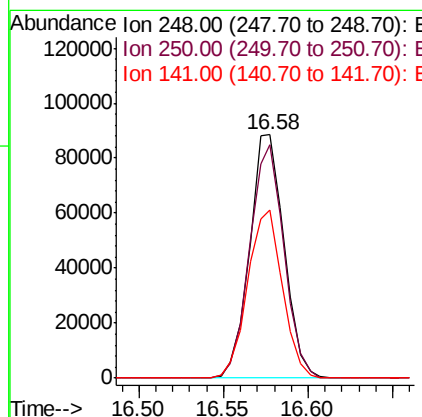
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#66
4-Bromophenyl-phenylether
Concen: 45.185 ng
RT: 16.58 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BG036031.D
Acq: 1 Aug 2018 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	125427		
250	95.7		77.1	115.7
141	68.8		50.8	76.2





#67

Hexachlorobenzene

Concen: 44.568 ng

RT: 16.70 min Scan# 2283

Delta R.T. 0.00 min

Lab File: BG036031.D

Acq: 1 Aug 2018 13:21

Instrument :

BNA_G

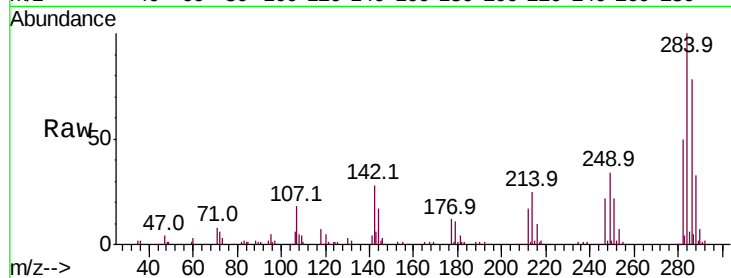
ClientSampleId :

PB111524BSD

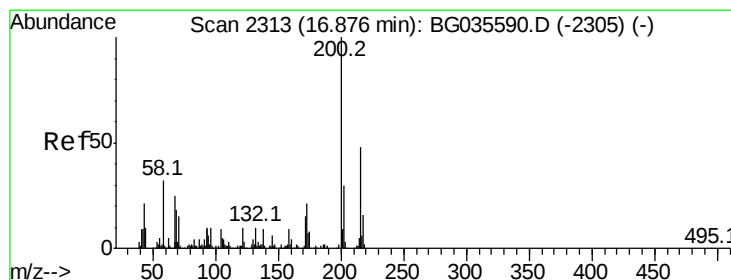
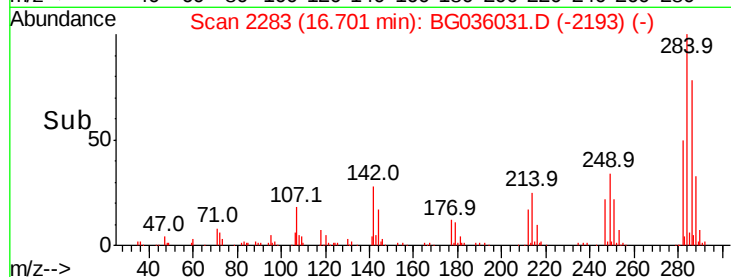
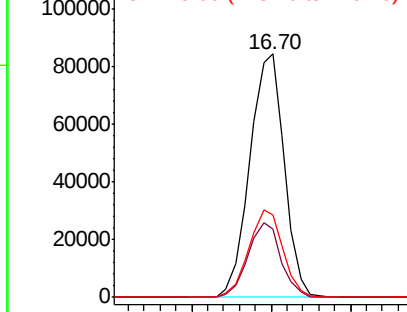
Tot Ion:	284	Resp:	127401
Ion Ratio	Lower	Upper	
284	100		
142	28.0	26.8	40.2
249	33.9	26.3	39.5

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 44.643 ng

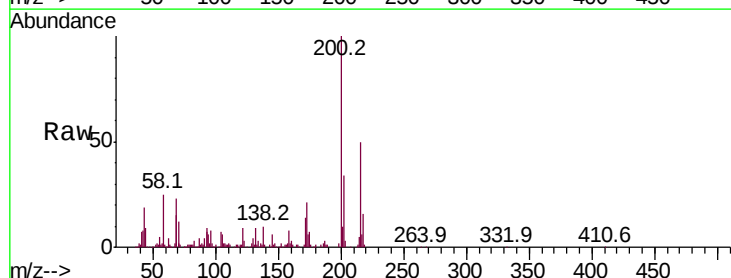
RT: 16.85 min Scan# 2308

Delta R.T. 0.00 min

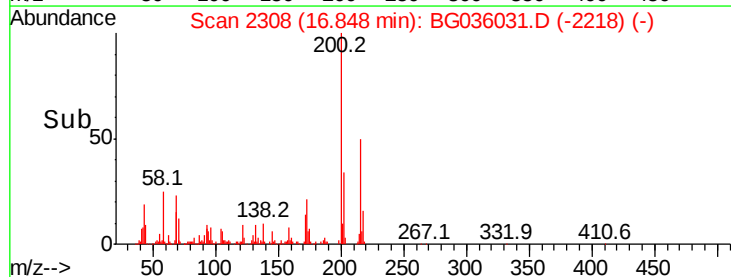
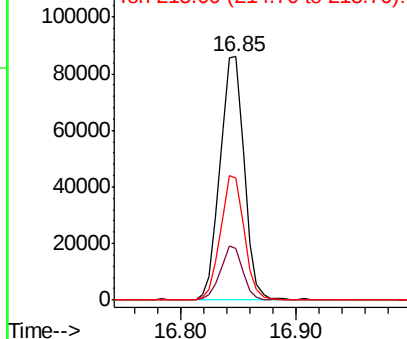
Lab File: BG036031.D

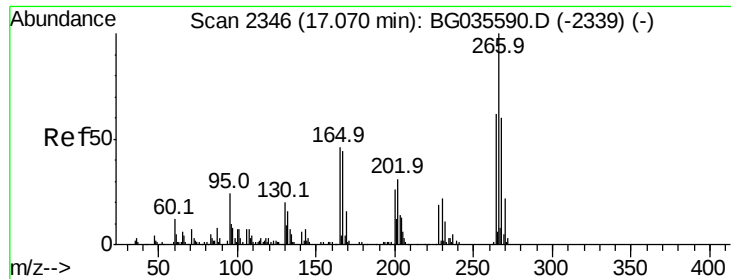
Acq: 1 Aug 2018 13:21

Tgt Ion:	200	Resp:	125178
Ion Ratio	Lower	Upper	
200	100		
173	21.0	5.2	45.2
215	49.9	30.4	70.4



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





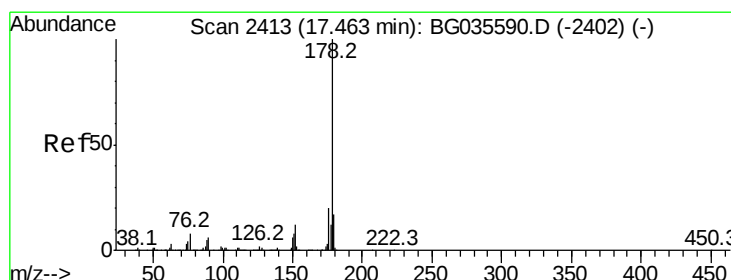
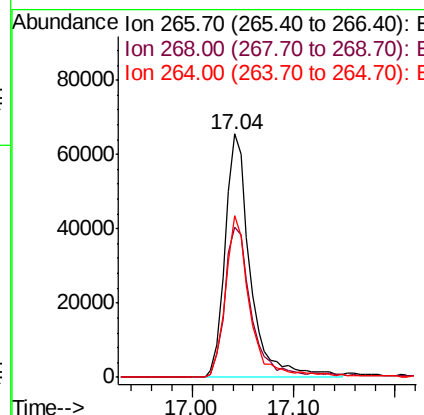
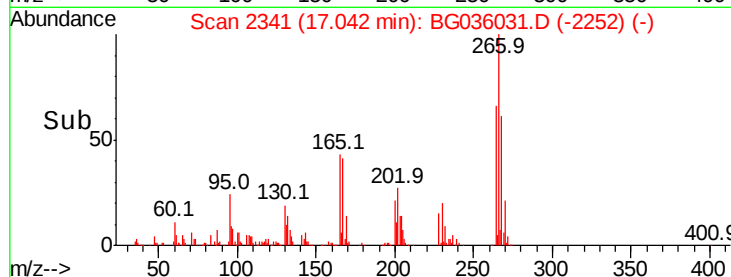
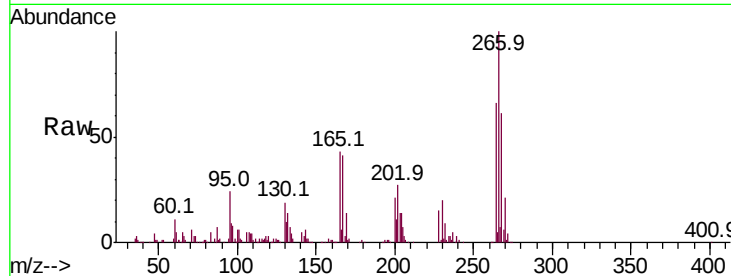
#69
 Pentachlorophenol
 Concen: 64.915 ng
 RT: 17.04 min Scan# 2341
 Delta R.T. -0.01 min
 Lab File: BG036031.D
 Acq: 1 Aug 2018 13:21

Instrument :
 BNA_G
 ClientSampleId :
 PB111524BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	61.4	51.1	76.7	
264	66.3	49.6	74.4	

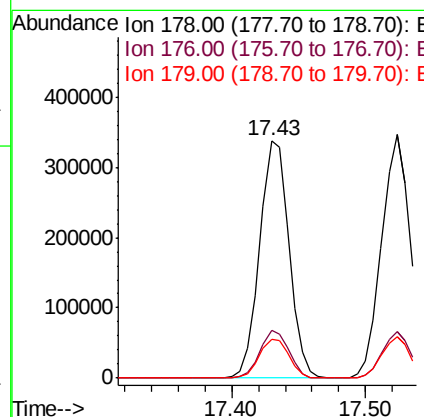
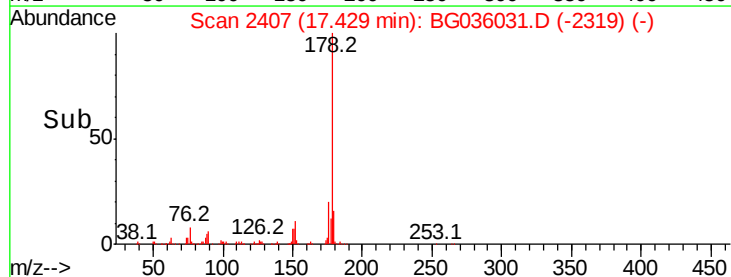
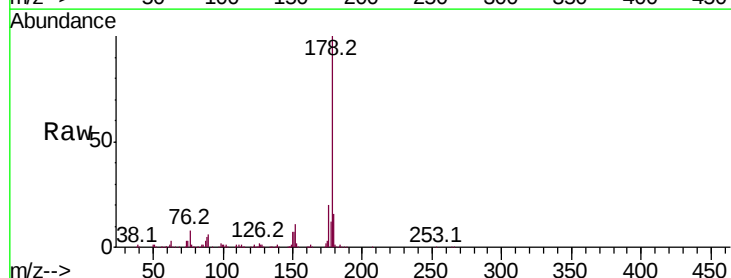
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#70
 Phenanthrene
 Concen: 42.877 ng
 RT: 17.43 min Scan# 2407
 Delta R.T. -0.01 min
 Lab File: BG036031.D
 Acq: 1 Aug 2018 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	20.0	15.7	23.5	
179	16.1	12.5	18.7	





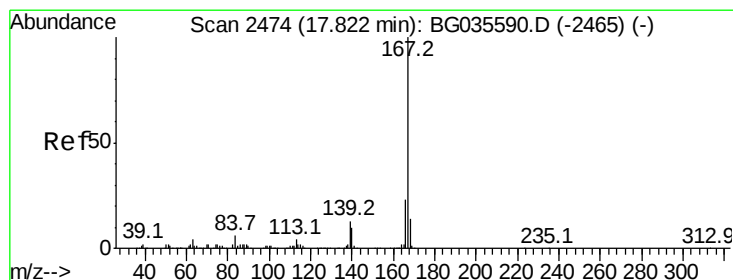
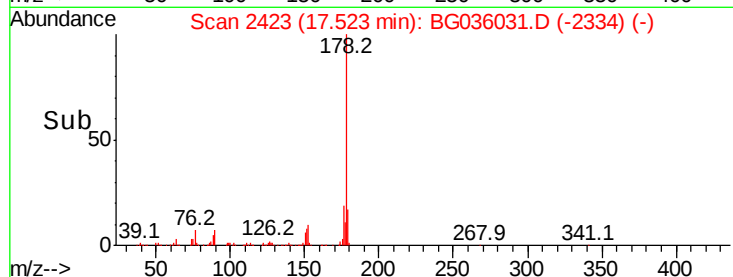
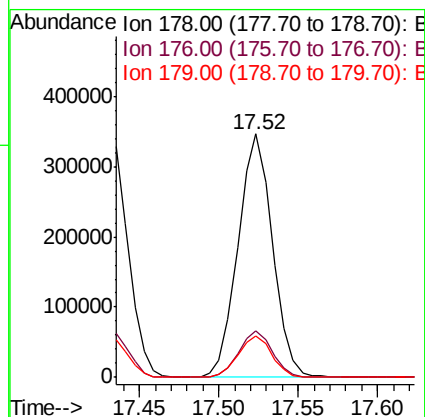
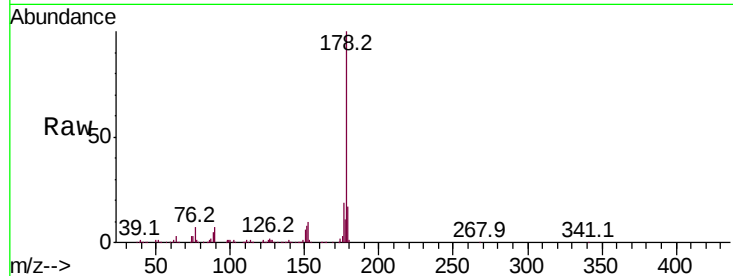
#71
 Anthracene
 Concen: 43.697 ng
 RT: 17.52 min Scan# 2423
 Delta R.T. -0.01 min
 Lab File: BG036031.D
 Acq: 1 Aug 2018 13:21

Instrument :
 BNA_G
 ClientSampleId :
 PB111524BSD

Tot Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.3	16.0	24.0	
179	16.9	12.5	18.7	

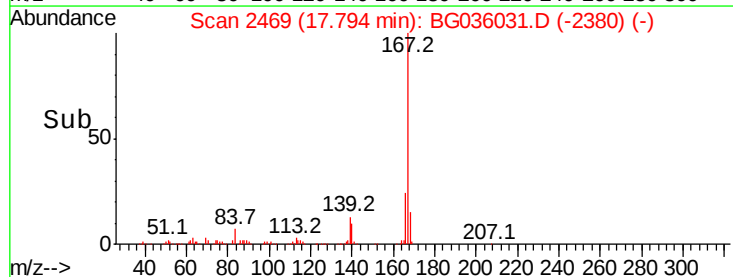
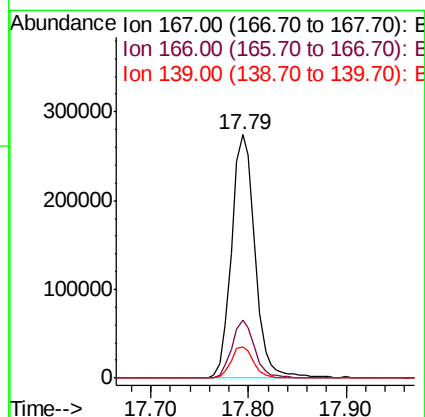
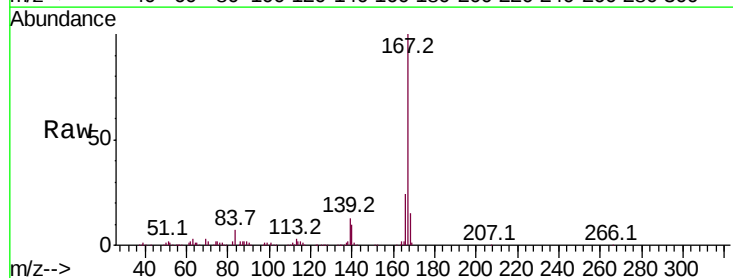
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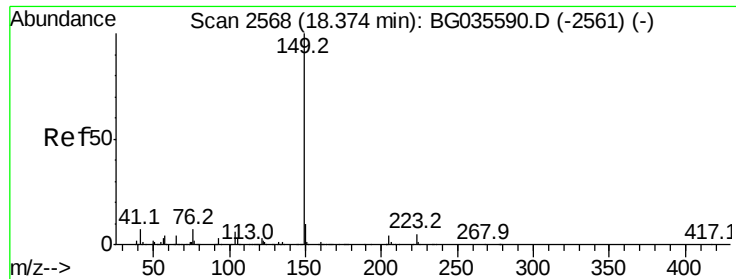
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#72
 Carbazole
 Concen: 40.582 ng
 RT: 17.79 min Scan# 2469
 Delta R.T. -0.01 min
 Lab File: BG036031.D
 Acq: 1 Aug 2018 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
167	100			
166	24.1	18.2	27.4	
139	12.9	9.4	14.2	





#73

Di-n-butylphthalate

Concen: 39.828 ng

RT: 18.35 min Scan# 2563

Delta R.T. -0.01 min

Lab File: BG036031.D

Acq: 1 Aug 2018 13:21

Instrument :

BNA_G

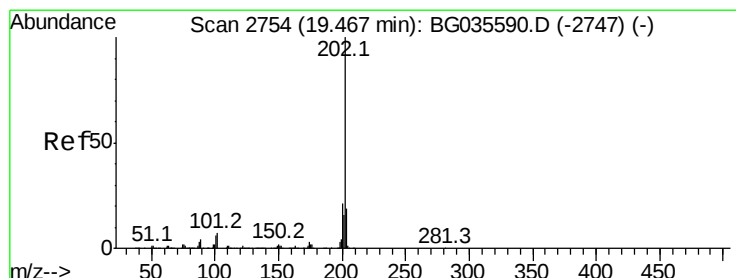
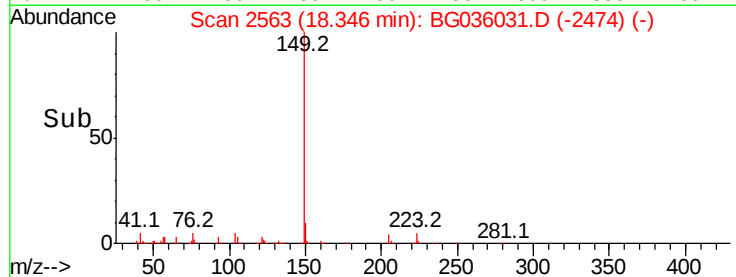
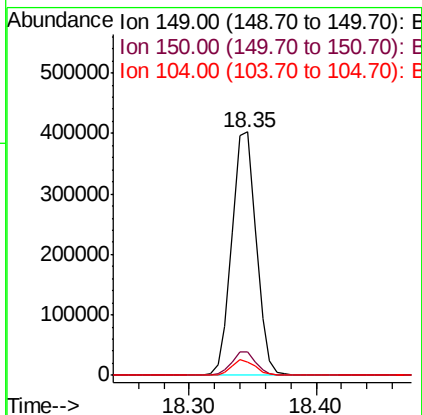
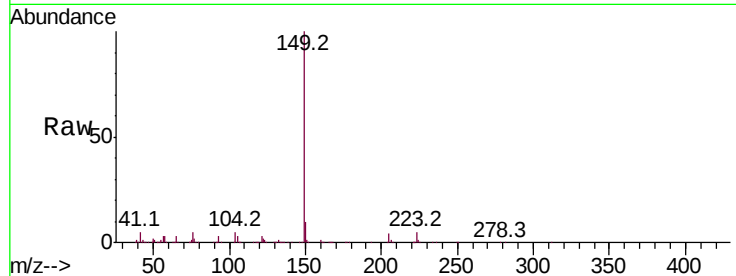
ClientSampleId :

PB111524BSD

Tot Ion:	149	Resp:	531346
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.8	11.6
104	5.5	3.9	5.9

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#74

Fluoranthene

Concen: 40.951 ng

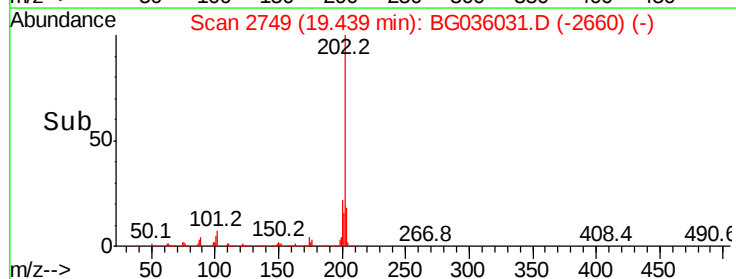
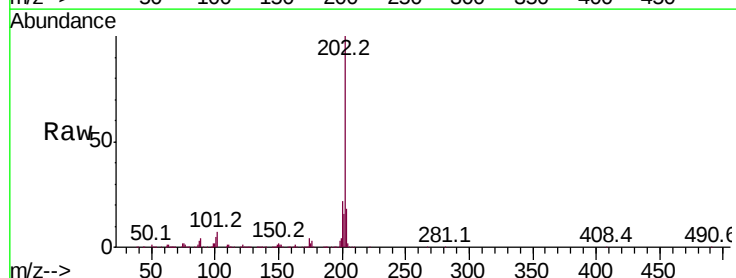
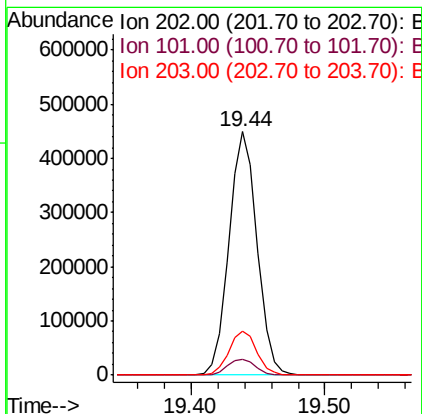
RT: 19.44 min Scan# 2749

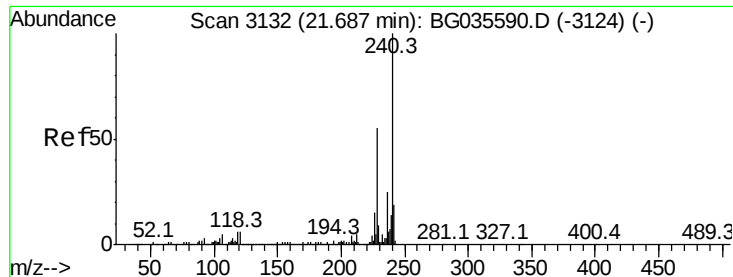
Delta R.T. -0.01 min

Lab File: BG036031.D

Acq: 1 Aug 2018 13:21

Tgt Ion:	202	Resp:	658551
Ion Ratio	Lower	Upper	
202	100		
101	6.6	0.0	28.9
203	17.9	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BG036031.D

Acq: 1 Aug 2018 13:21

Instrument :

BNA_G

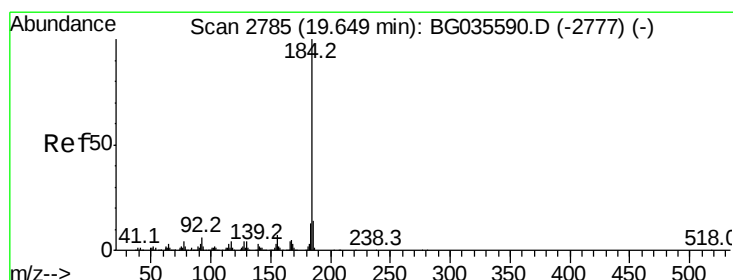
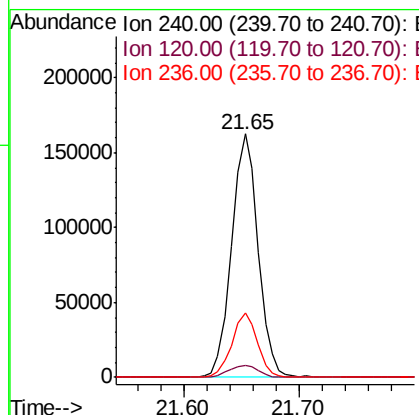
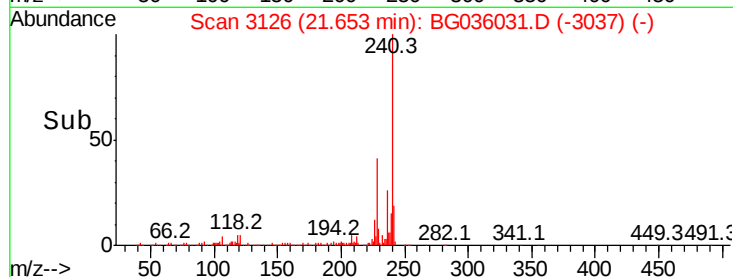
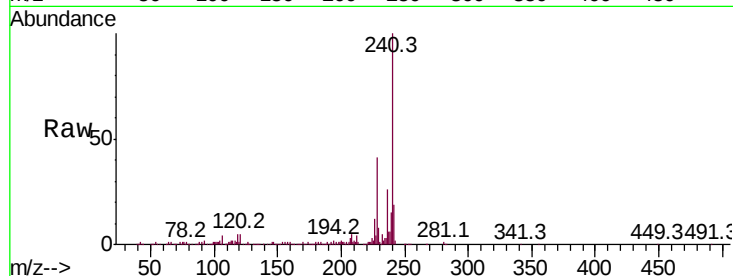
ClientSampleId :

PB111524BSD

Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	5.2	6.8	10.2#
236	26.2	20.9	31.3

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#76

Benzidine

Concen: 43.558 ng

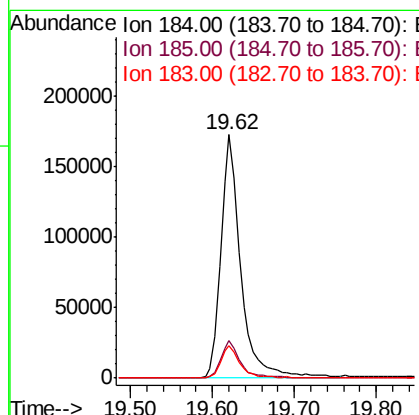
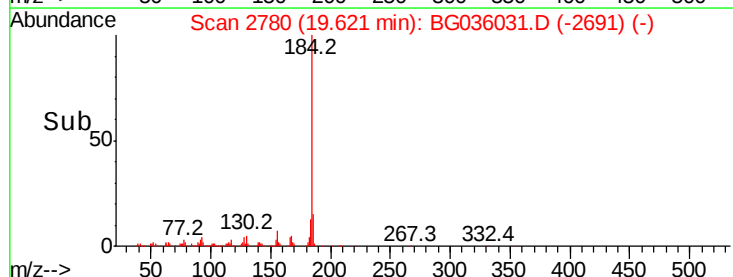
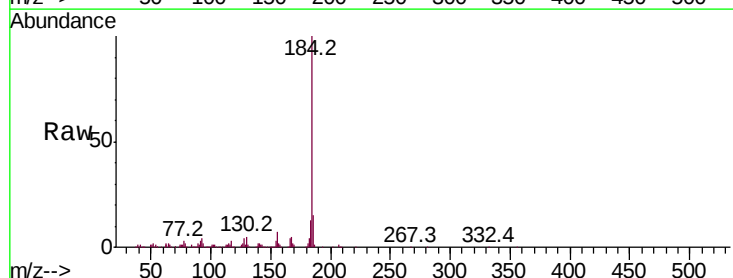
RT: 19.62 min Scan# 2780

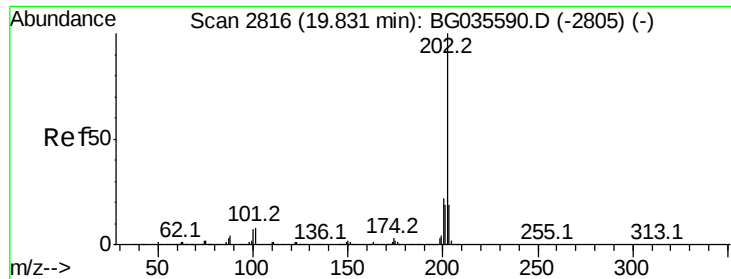
Delta R.T. -0.01 min

Lab File: BG036031.D

Acq: 1 Aug 2018 13:21

Tgt Ion	Ratio	Resp Lower	Upper
184	100		
185	15.4	11.1	16.7
183	13.1	10.6	16.0





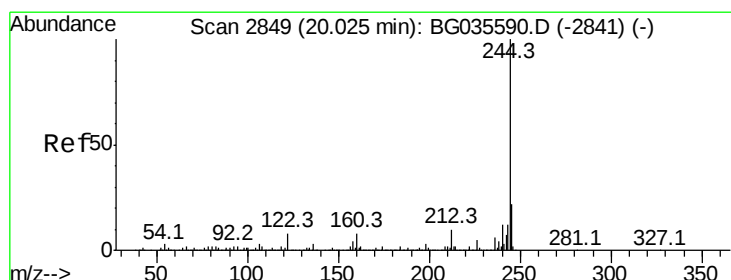
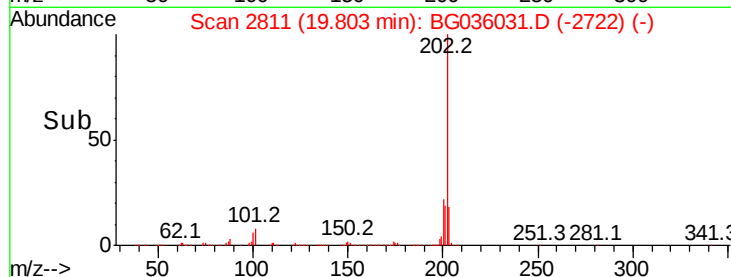
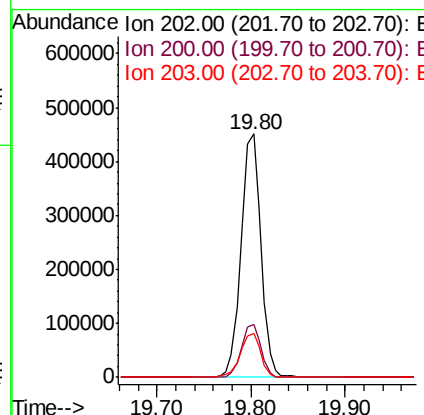
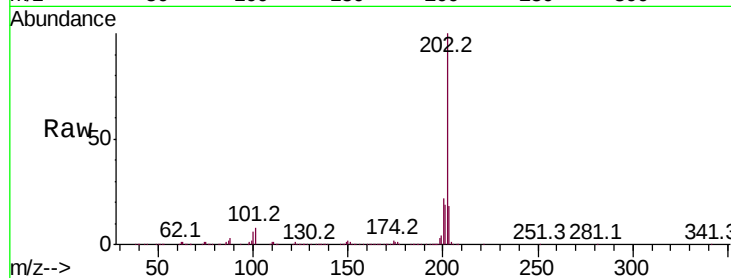
#77
Pvrene
Concen: 40.738 ng
RT: 19.80 min Scan# 2811
Delta R.T. -0.01 min
Lab File: BG036031.D
Acq: 1 Aug 2018 13:21

Instrument :
BNA_G
ClientSampleId :
PB111524BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.7	16.9	25.3
203	18.2	13.9	20.9

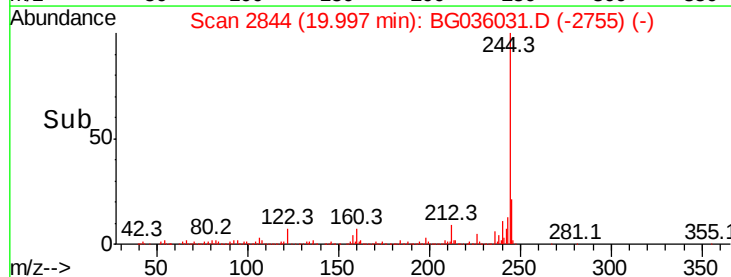
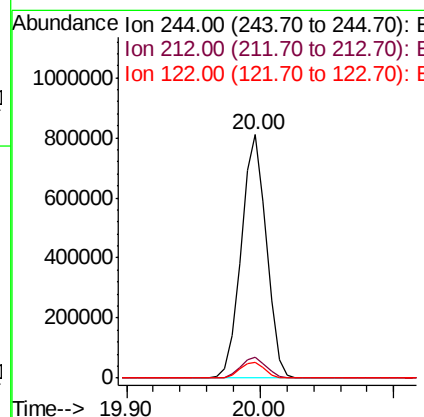
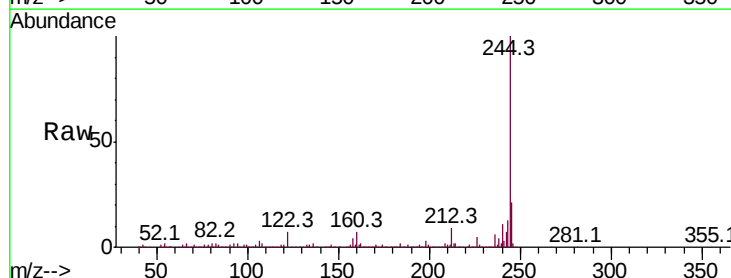
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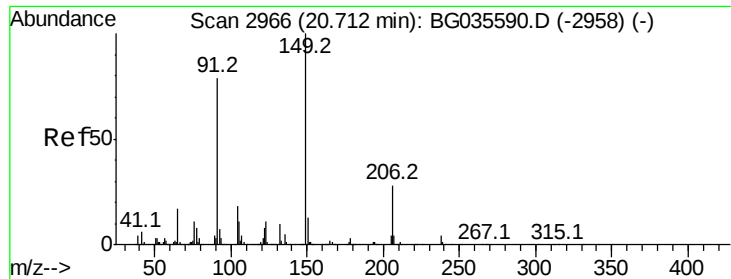
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#78
Terphenyl-d14
Concen: 90.665 ng
RT: 20.00 min Scan# 2844
Delta R.T. -0.01 min
Lab File: BG036031.D
Acq: 1 Aug 2018 13:21

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.8	5.8	8.8#
122	6.5	7.0	10.4#





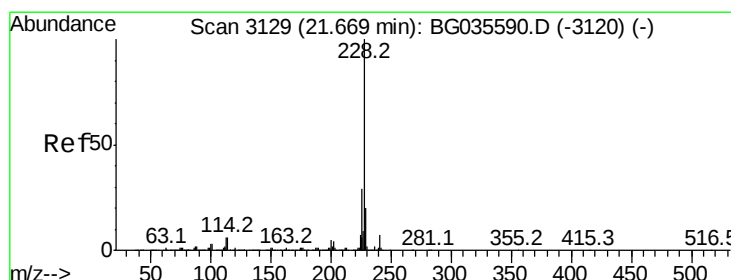
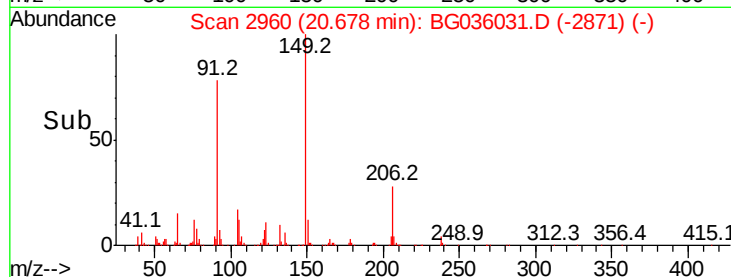
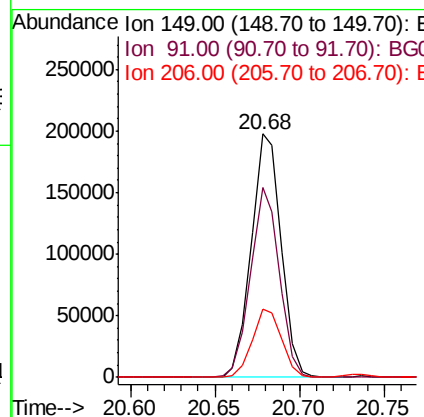
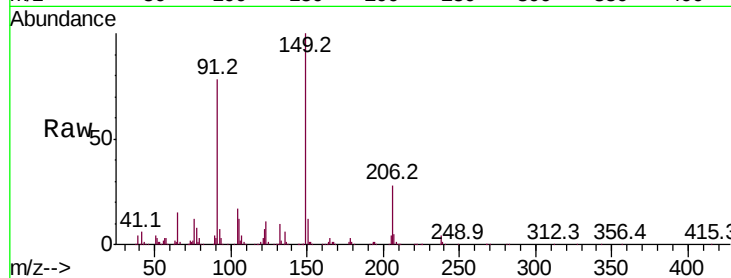
#79
Butylbenzylphthalate
Concen: 41.967 ng
RT: 20.68 min Scan# 2960
Delta R.T. -0.01 min
Lab File: BG036031.D
Acq: 1 Aug 2018 13:21

Instrument :
BNA_G
ClientSampleId :
PB111524BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	78.1	62.2	93.2	
206	27.9	18.6	27.8	

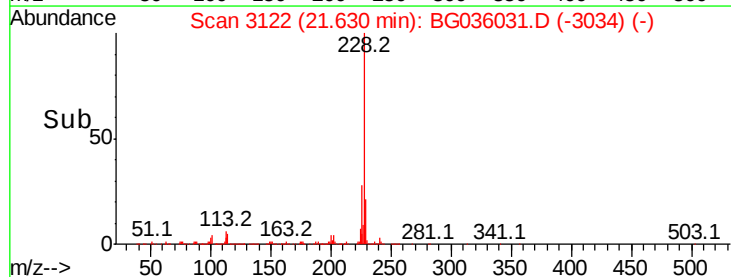
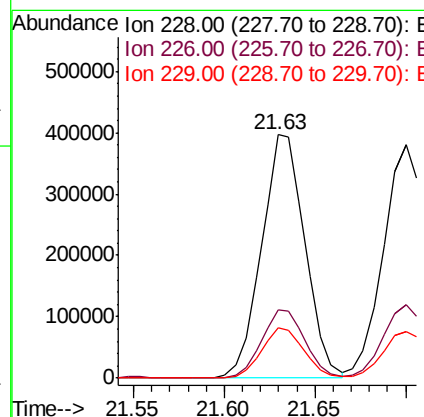
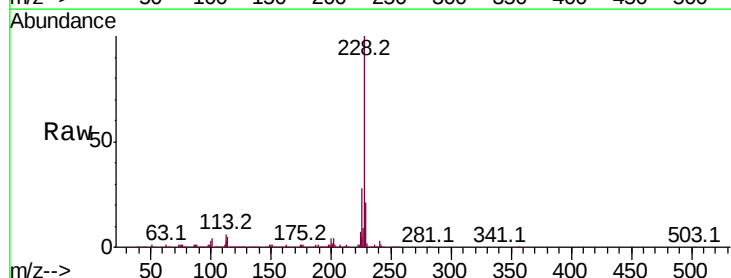
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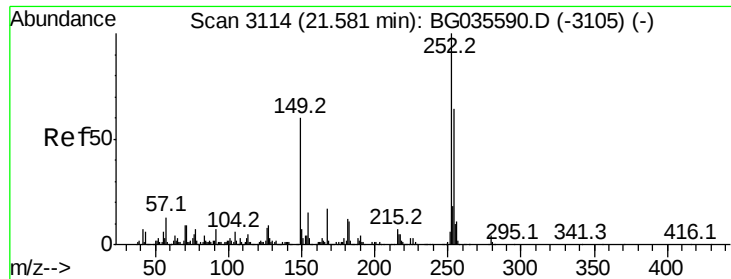
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#80
Benzo(a)anthracene
Concen: 41.414 ng
RT: 21.63 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BG036031.D
Acq: 1 Aug 2018 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	28.1	22.7	34.1	
229	20.8	16.2	24.2	





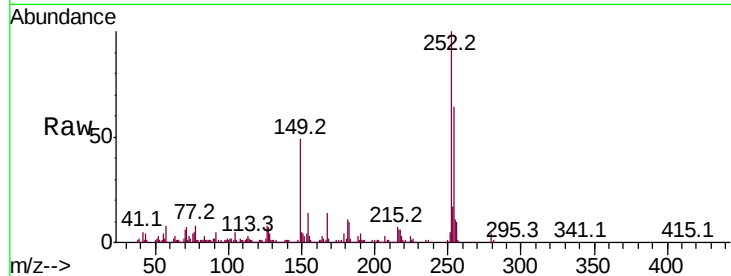
#81
 3,3'-Dichlorobenzidine
 Concen: 30.650 ng
 RT: 21.55 min Scan# 3108
 Delta R.T. -0.01 min
 Lab File: BG036031.D
 Acq: 1 Aug 2018 13:21

Instrument :
 BNA_G
 ClientSampled :
 PB111524BSD

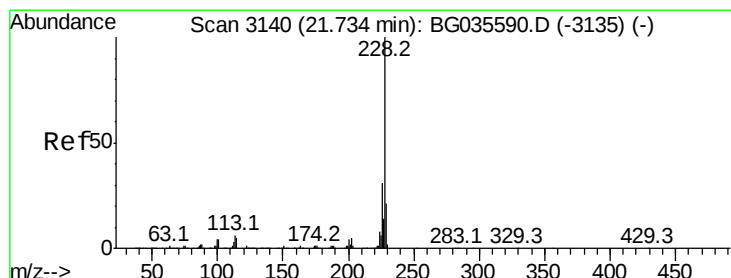
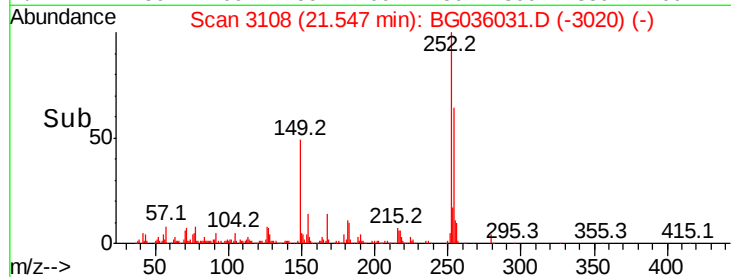
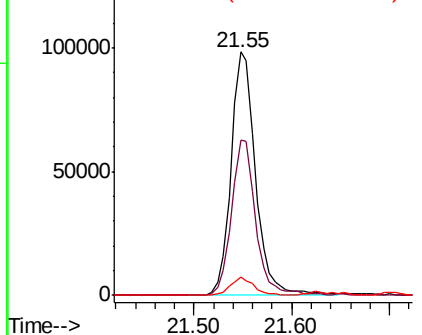
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.7	50.8	76.2
126	7.6	7.4	11.2

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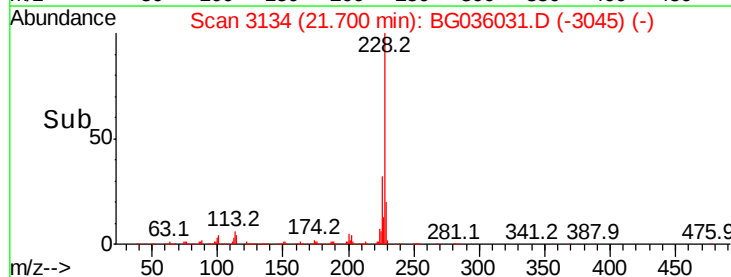
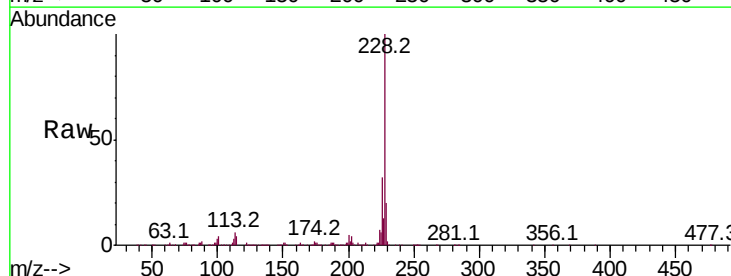
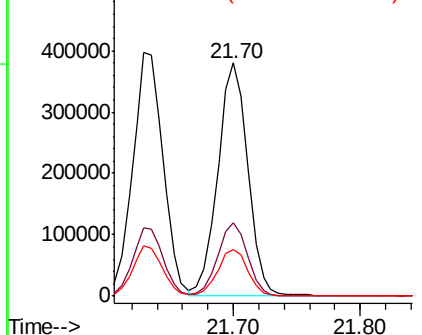
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 41.925 ng
 RT: 21.70 min Scan# 3134
 Delta R.T. -0.01 min
 Lab File: BG036031.D
 Acq: 1 Aug 2018 13:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	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: 42.396 ng

RT: 21.53 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BG036031.D

Acq: 1 Aug 2018 13:21

Instrument :

BNA_G

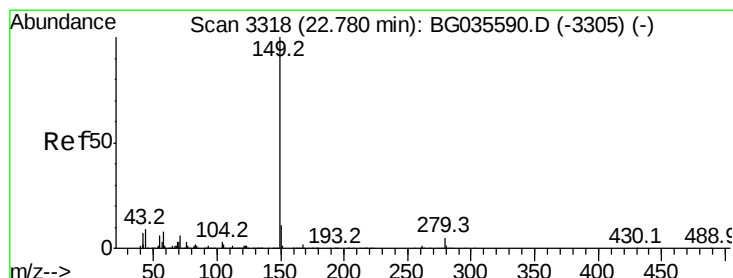
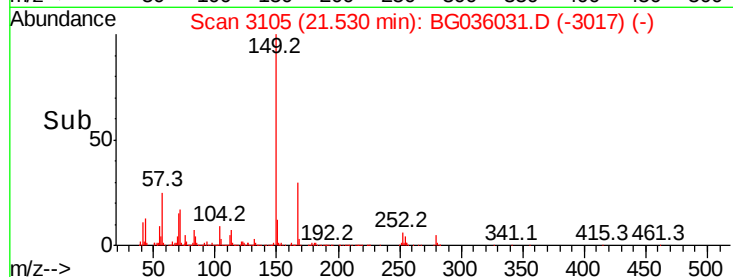
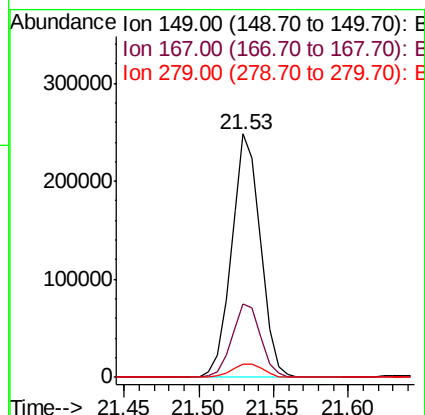
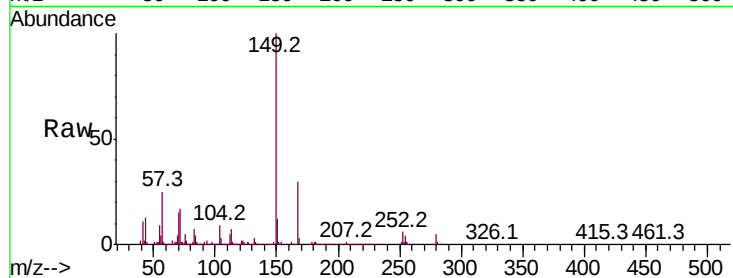
ClientSampleId :

PB111524BSD

Tot Ion:	149	Resp:	334956
Ion Ratio	Lower	Upper	
149	100		
167	30.1	24.3	36.5
279	5.2	4.0	6.0

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#84

Di-n-octyl phthalate

Concen: 42.878 ng

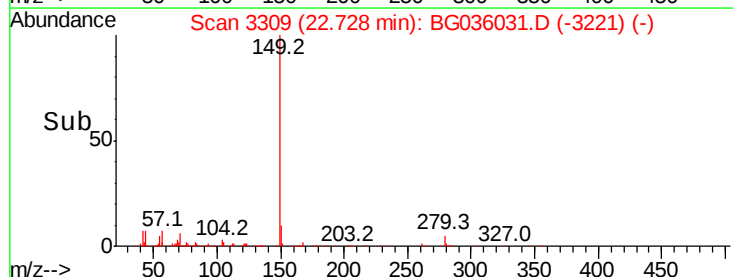
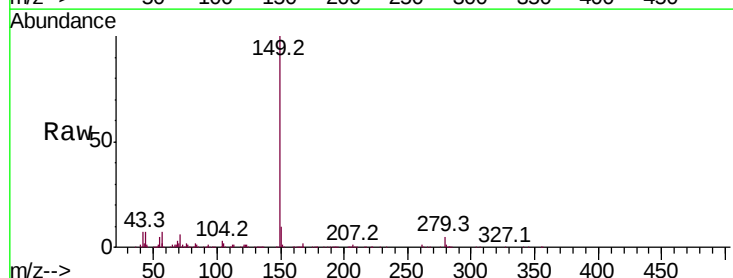
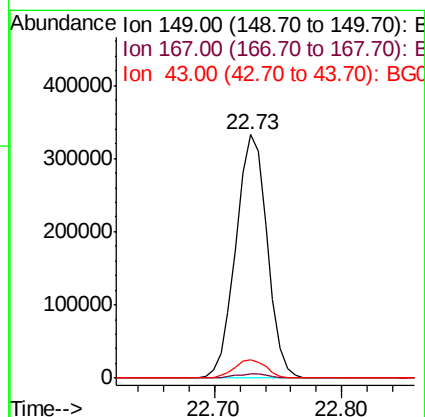
RT: 22.73 min Scan# 3309

Delta R.T. -0.01 min

Lab File: BG036031.D

Acq: 1 Aug 2018 13:21

Tgt Ion:	149	Resp:	567212
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	7.8	8.9	13.3#





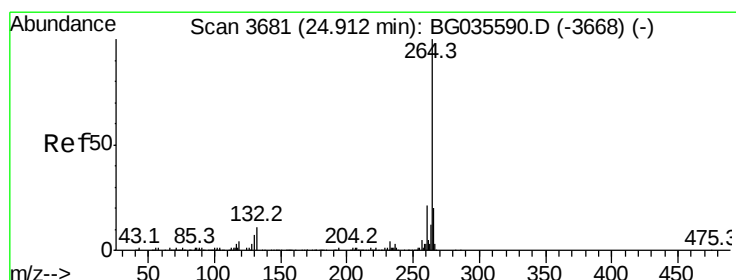
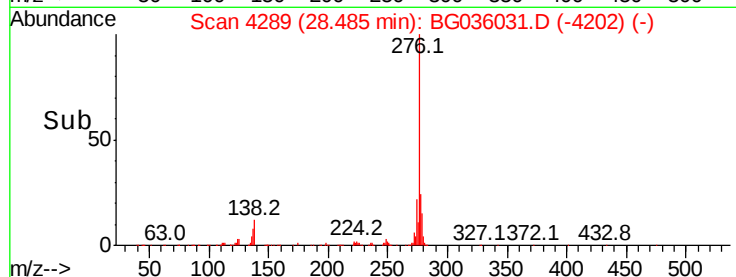
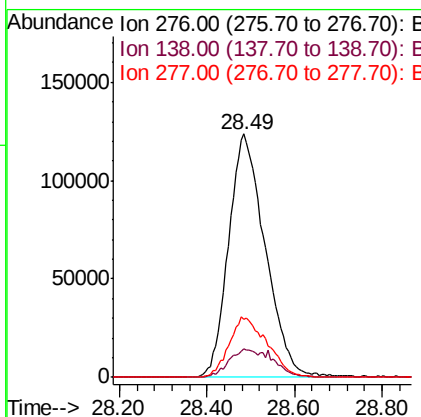
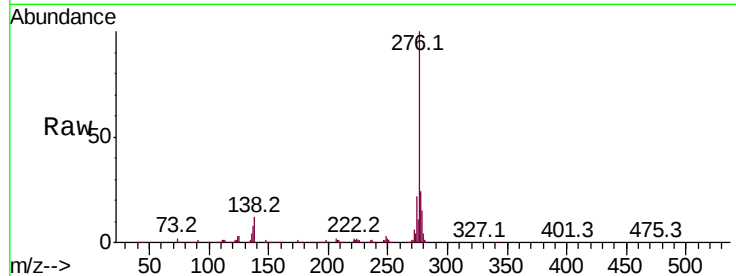
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.800 ng
RT: 28.49 min Scan# 4289
Delta R.T. -0.02 min
Lab File: BG036031.D
Acq: 1 Aug 2018 13:21

Instrument :
BNA_G
ClientSampleId :
PB111524BSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100	703290		
138	8.5	16.0	24.0	
277	25.8	20.0	30.0	

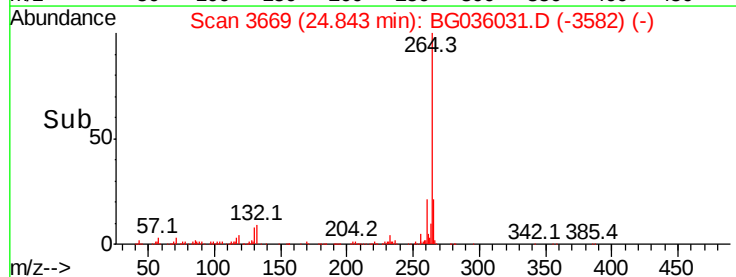
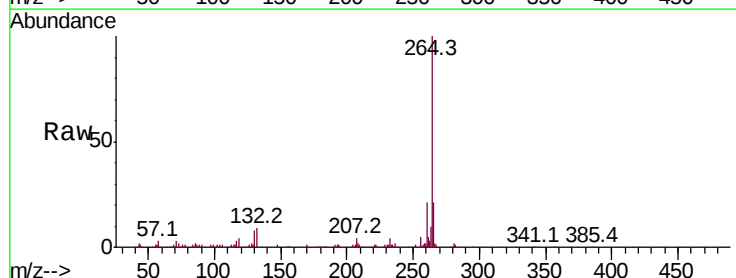
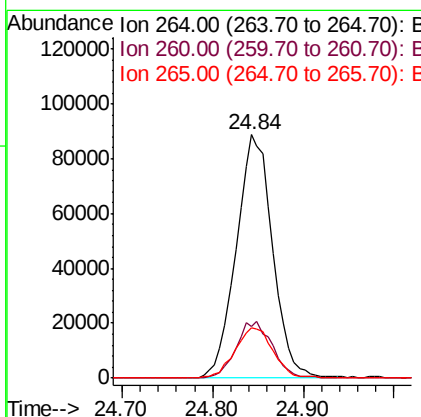
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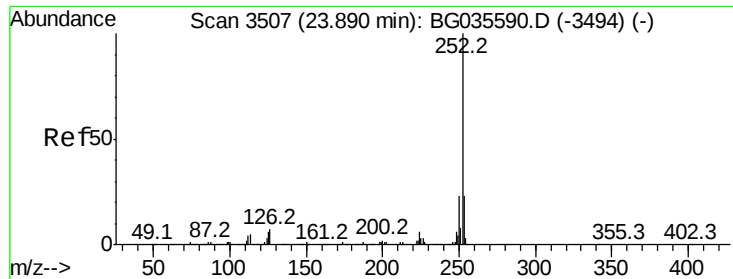
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.84 min Scan# 3669
Delta R.T. -0.02 min
Lab File: BG036031.D
Acq: 1 Aug 2018 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	247123		
260	21.0	17.4	26.0	
265	20.9	17.7	26.5	





#87

Benzo(b)fluoranthene

Concen: 42.448 ng

RT: 23.83 min Scan# 3497

Delta R.T. -0.01 min

Lab File: BG036031.D

Acq: 1 Aug 2018 13:21

Instrument :

BNA_G

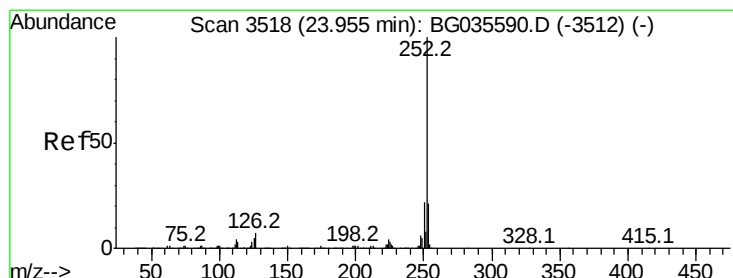
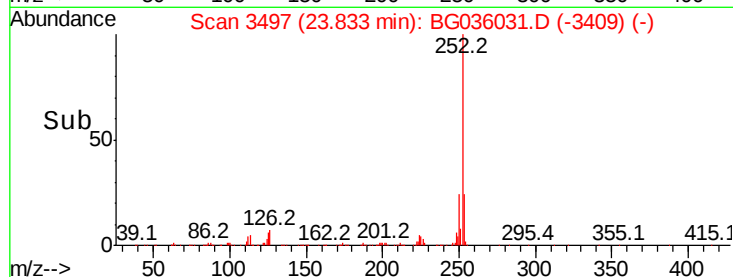
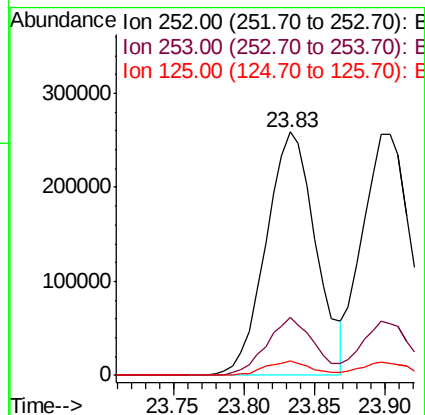
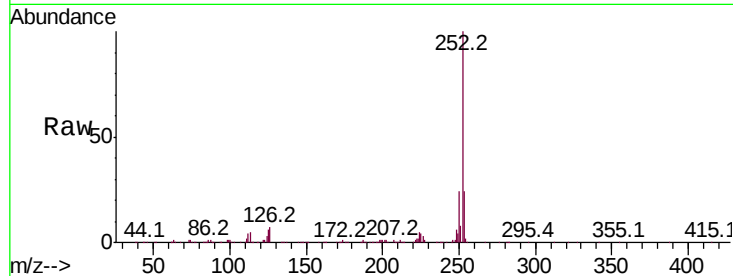
ClientSampleId :

PB111524BSD

Tot Ion:	252	Resp:	637567
Ion Ratio	Lower	Upper	
252	100		
253	24.0	18.2	27.4
125	5.8	7.2	10.8#

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#88

Benzo(k)fluoranthene

Concen: 41.595 ng

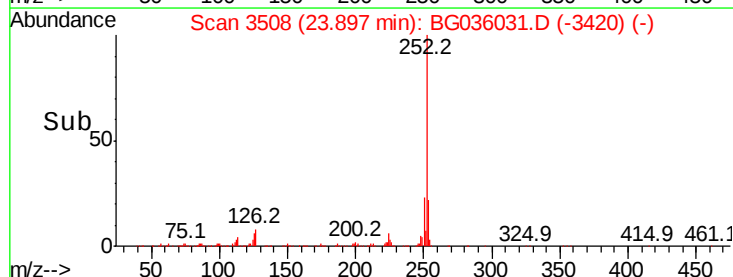
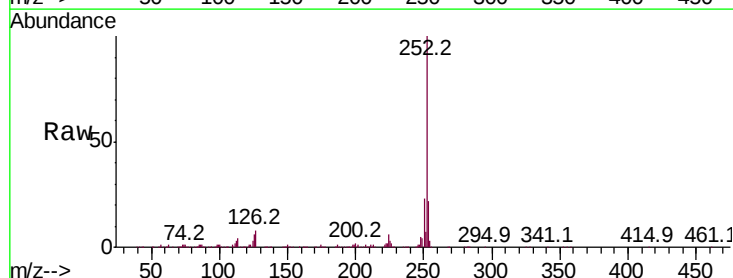
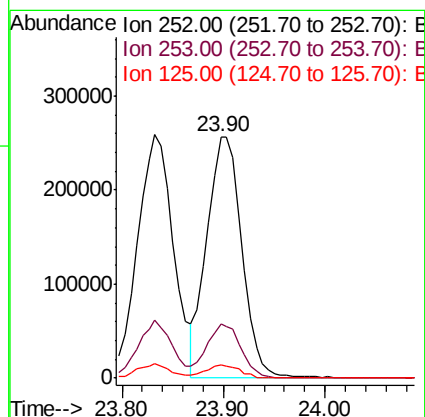
RT: 23.90 min Scan# 3508

Delta R.T. -0.01 min

Lab File: BG036031.D

Acq: 1 Aug 2018 13:21

Tgt Ion:	252	Resp:	610796
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.4	26.2
125	5.5	6.6	9.8#





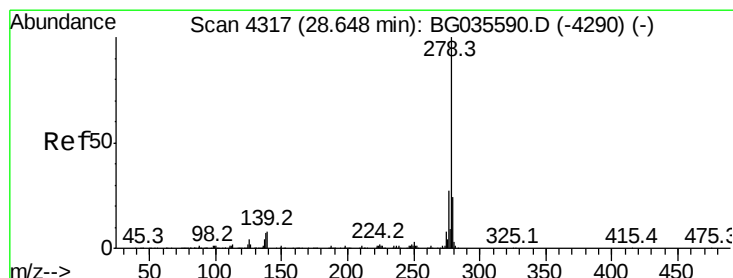
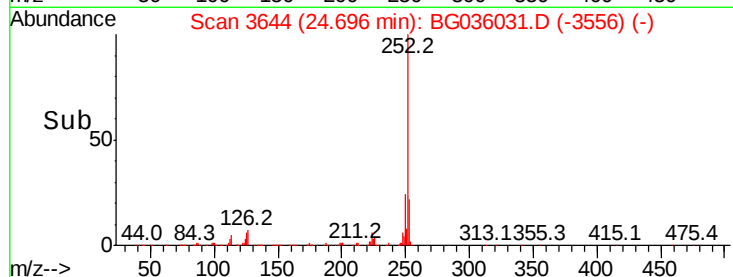
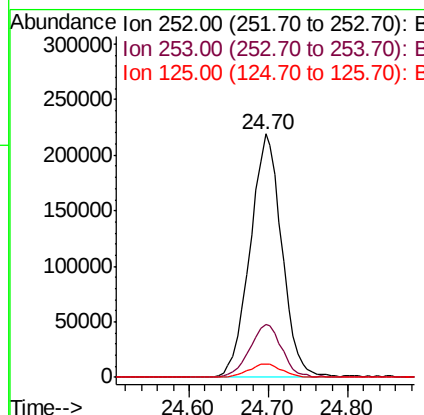
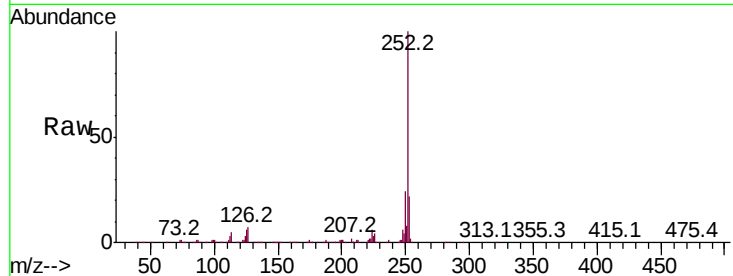
#89
Benzo(a)pyrene
Concen: 43.593 ng
RT: 24.70 min Scan# 3644
Delta R.T. -0.01 min
Lab File: BG036031.D
Acq: 1 Aug 2018 13:21

Instrument :
BNA_G
ClientSampleId :
PB111524BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.5	18.3	27.5
125	5.5	7.3	10.9#

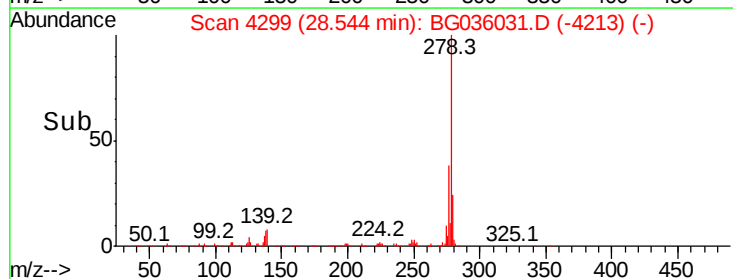
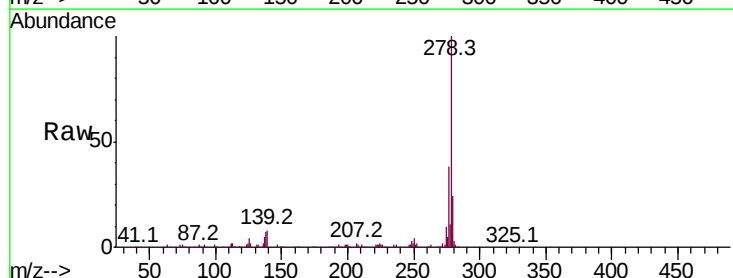
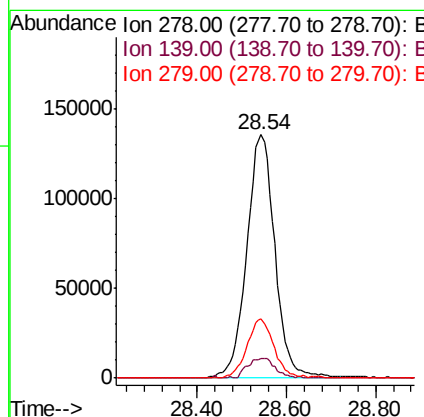
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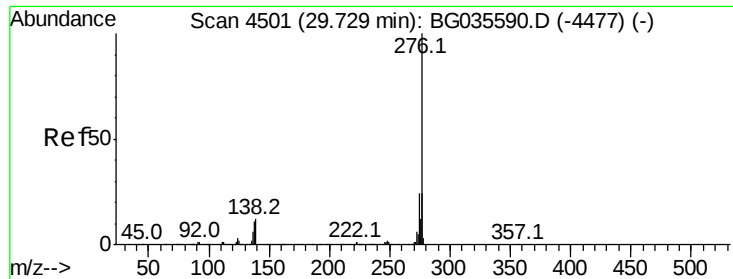
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#90
Dibenzo(a,h)anthracene
Concen: 42.657 ng
RT: 28.54 min Scan# 4299
Delta R.T. -0.02 min
Lab File: BG036031.D
Acq: 1 Aug 2018 13:21

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	8.1	9.8	14.6#
279	24.3	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 43.210 ng
 RT: 29.62 min Scan# 4483
 Delta R.T. -0.01 min
 Lab File: BG036031.D
 Acq: 1 Aug 2018 13:21

Instrument :
 BNA_G
 ClientSampleId :
 PB111524BSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	22.9	18.3	27.5
138	11.2	13.9	20.9

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