

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080318\
 Data File : BG036111.D
 Acq On : 4 Aug 2018 2:46
 Operator : JU/SJ
 Sample : J4310-02MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-1MSD

Manual Integrations
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Sohil
 8/6/2018 9:57:55 AM

Quant Time: Aug 04 04:44:28 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	30988	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	110583	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	83115	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	227590	20.00	ng	0.00
75) Chrysene-d12	21.66	240	246955	20.00	ng	0.00
86) Perylene-d12	24.86	264	235384	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	260420	139.52	ng	0.00
7) Phenol-d6	7.20	99	345153	123.94	ng	0.00
23) Nitrobenzene-d5	9.19	82	280188	105.85	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	194430	177.48	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	636421	102.59	ng	0.00
78) Terphenyl-d14	20.00	244	1188714	106.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	34515	36.332	ng	# 69
3) Pyridine	3.93	79	78807	31.777	ng	# 73
4) n-Nitrosodimethylamine	3.84	42	44126	41.438	ng	# 80
6) Aniline	7.36	93	61090	16.925	ng	92
8) 2-Chlorophenol	7.60	128	94435	49.747	ng	96
9) Benzaldehyde	7.17	77	49647	29.056	ng	90
10) Phenol	7.23	94	118970	42.286	ng	95
11) bis(2-Chloroethyl)ether	7.44	93	97077	44.059	ng	91
12) 1,3-Dichlorobenzene	7.91	146	110209	48.076	ng	# 91
13) 1,4-Dichlorobenzene	8.06	146	112992	48.512	ng	96
14) 1,2-Dichlorobenzene	8.38	146	108468	48.476	ng	92
15) Benzyl Alcohol	8.27	79	104107	41.168	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.54	45	109919	59.505	ng	77
17) 2-Methylphenol	8.47	107	91735	47.957	ng	# 93
18) Hexachloroethane	9.10	117	42878	48.147	ng	92
19) n-Nitroso-di-n-propylamine	8.83	70	94597	40.340	ng	# 84
20) 3+4-Methylphenols	8.81	107	120739	45.499	ng	91
22) Acetophenone	8.85	105	168606	49.030	ng	# 93
24) Nitrobenzene	9.23	77	141019	52.971	ng	92
25) Isophorone	9.75	82	266900	54.315	ng	99
26) 2-Nitrophenol	9.94	139	58038	61.384	ng	# 91
27) 2,4-Dimethylphenol	10.00	122	99044	61.885	ng	92
28) bis(2-Chloroethoxy)methane	10.23	93	137327	50.717	ng	98
29) 2,4-Dichlorophenol	10.48	162	110132	60.283	ng	95
30) 1,2,4-Trichlorobenzene	10.69	180	124520	55.584	ng	98
31) Naphthalene	10.87	128	302667	52.543	ng	100
32) Benzoic acid	10.19	122	29786m	27.646	ng	
33) 4-Chloroaniline	11.00	127	10308	4.106	ng	# 94
34) Hexachlorobutadiene	11.16	225	97591	55.866	ng	98
35) Caprolactam	11.78	113	24146m	30.798	ng	
36) 4-Chloro-3-methylphenol	12.11	107	134627	54.976	ng	95
37) 2-Methylnaphthalene	12.48	142	237089	55.245	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	164236	52.354	ng	99
40) Hexachlorocyclopentadiene	12.82	237	198587	120.707	ng	94

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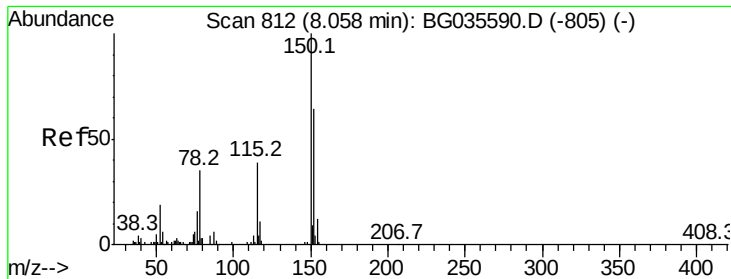
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
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 QLast Update : Tue Jul 31 12:30:06 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	106964	58.305	nq	93
43) 2,4,5-Trichlorophenol	13.16	196	113565	55.335	nq	97
45) 1,1'-Biphenyl	13.48	154	331985	51.520	nq	96
46) 2-Chloronaphthalene	13.53	162	263113	52.493	nq	99
47) 2-Nitroaniline	13.73	65	93889	52.984	nq	96
48) Acenaphthylene	14.37	152	442880	52.748	nq	98
49) Dimethylphthalate	14.10	163	364876	50.106	nq	99
50) 2,6-Dinitrotoluene	14.22	165	86122	58.076	nq	89
51) Acenaphthene	14.72	154	260792	49.862	nq	99
52) 3-Nitroaniline	14.56	138	32035	21.136	nq #	92
53) 2,4-Dinitrophenol	14.77	184	58475	76.955	nq #	67
54) Dibenzofuran	15.04	168	428123	51.469	nq	92
55) 4-Nitrophenol	14.88	139	82462	76.398	nq #	81
56) 2,4-Dinitrotoluene	15.01	165	125731	59.100	nq #	88
57) Fluorene	15.70	166	367310	52.685	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.27	232	114430	58.153	nq	92
59) Diethylphthalate	15.46	149	373672	49.904	nq	98
60) 4-Chlorophenyl-phenylether	15.68	204	210240	51.307	nq	97
61) 4-Nitroaniline	15.73	138	76335	48.148	nq #	76
62) Azobenzene	15.98	77	370785	50.201	nq	95
64) 4,6-Dinitro-2-methylphenol	15.78	198	60654	47.875	nq	83
65) n-Nitrosodiphenylamine	15.90	169	317946	49.080	nq	96
66) 4-Bromophenyl-phenylether	16.58	248	144187	54.607	nq	94
67) Hexachlorobenzene	16.70	284	146504	53.879	nq	95
68) Atrazine	16.85	200	146006	54.741	nq	93
69) Pentachlorophenol	17.05	266	123663	74.666	nq	99
70) Phenanthrene	17.44	178	589000	51.865	nq	97
71) Anthracene	17.53	178	595252	52.641	nq	99
72) Carbazole	17.80	167	541136	50.391	nq	99
73) Di-n-butylphthalate	18.35	149	622694	49.068	nq #	97
74) Fluoranthene	19.44	202	775958	50.727	nq	96
76) Benzidine	19.64	184	41791	6.437	nq	97
77) Pyrene	19.80	202	773598	49.541	nq	98
79) Butylbenzylphthalate	20.68	149	294749	52.784	nq #	94
80) Benzo(a)anthracene	21.64	228	789128	51.277	nq	100
81) 3,3'-Dichlorobenzidine	21.55	252	141469	26.364	nq #	98
82) Chrysene	21.71	228	740313	51.911	nq	97
83) Bis(2-ethylhexyl)phthalate	21.54	149	400132	52.707	nq	100
84) Di-n-octyl phthalate	22.73	149	676211	53.199	nq #	92
85) Indeno(1,2,3-cd)pyrene	28.50	276	805974	51.046	nq #	85
87) Benzo(b)fluoranthene	23.84	252	743621	51.978	nq #	96
88) Benzo(k)fluoranthene	23.91	252	735122	52.559	nq #	96
89) Benzo(a)pyrene	24.71	252	726334	54.572	nq #	96
90) Dibenzo(a,h)anthracene	28.56	278	661067	50.592	nq #	96
91) Benzo(g,h,i)perylene	29.64	276	664574	51.975	nq #	92

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



#1

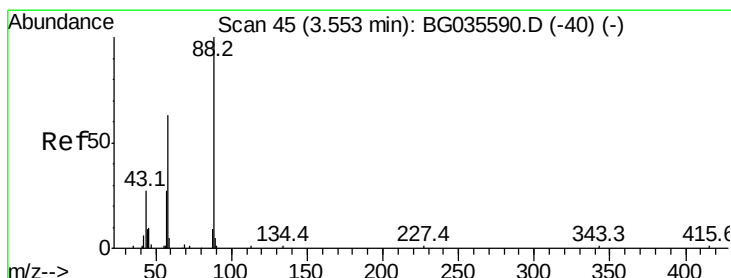
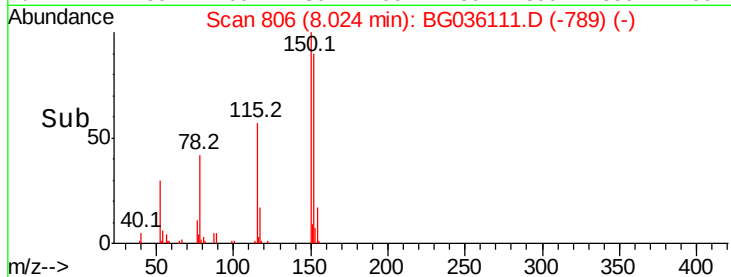
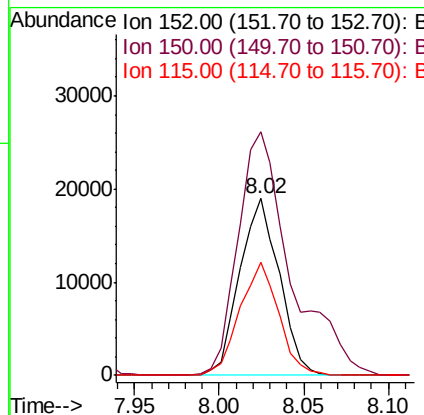
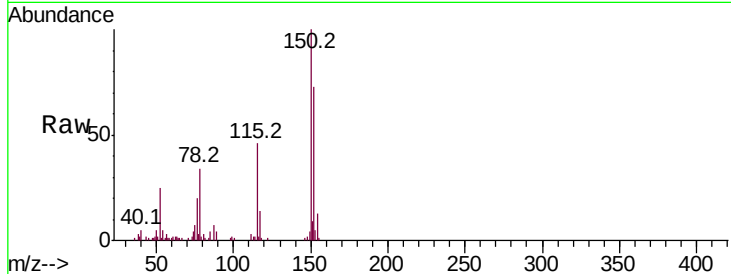
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. 0.00 min
Lab File: BG036111.D
Acq: 4 Aug 2018 2:46

Instrument :
BNA_G
ClientSampleId :
C-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	137.7	126.6	189.8
115	64.0	53.0	79.4

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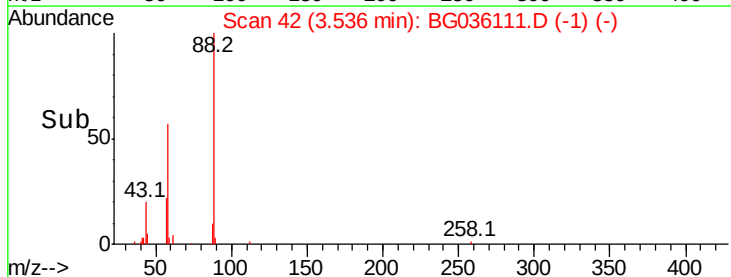
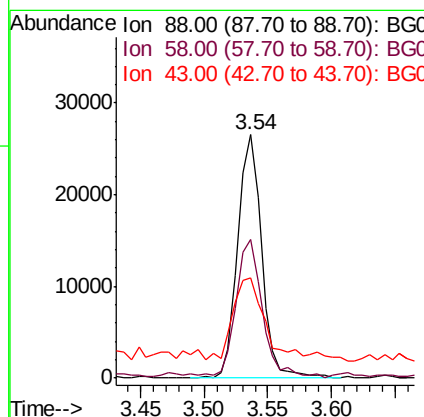
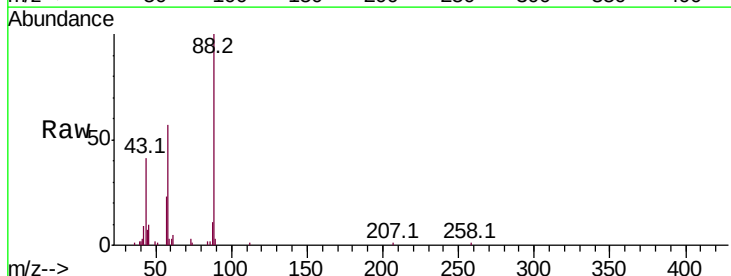
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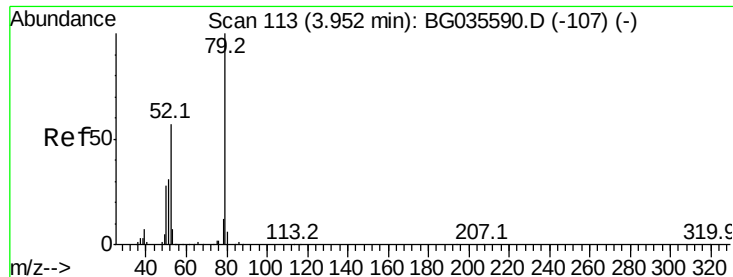


#2

1,4-Dioxane
Concen: 36.332 ng
RT: 3.54 min Scan# 42
Delta R.T. 0.01 min
Lab File: BG036111.D
Acq: 4 Aug 2018 2:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.1	79.6	119.4#
43	43.0	27.4	41.0#





#3

Pvridine

Concen: 31.777 ng

RT: 3.93 min Scan# 109

Delta R.T. 0.01 min

Lab File: BG036111.D

Acq: 4 Aug 2018 2:46

Instrument :

BNA_G

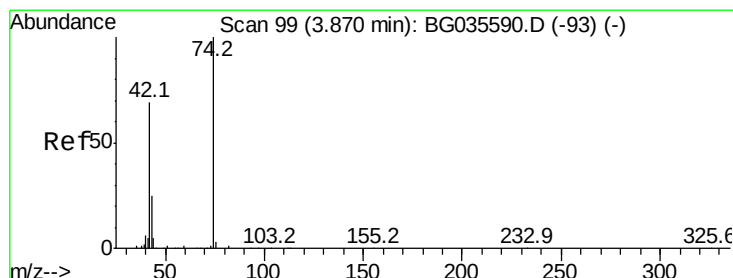
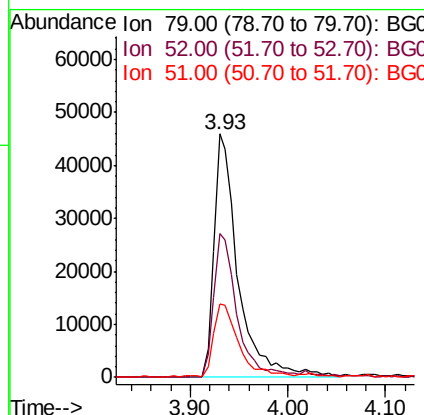
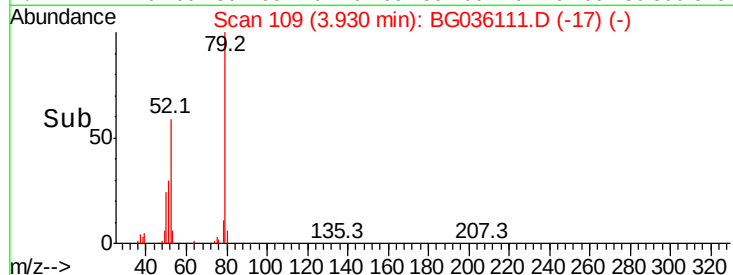
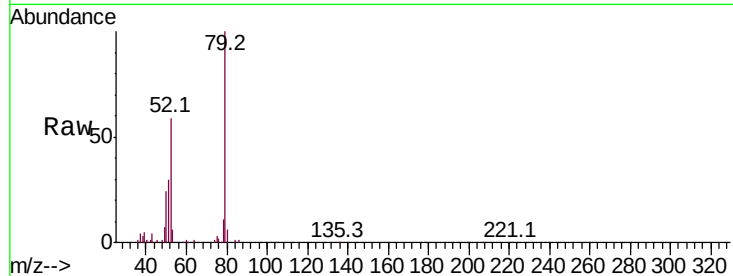
ClientSampleId :

C-1MSD

Tot Ion:	79	Resp:	78807
Ion Ratio	Lower	Upper	
79	100		
52	58.9	69.9	104.9#
51	30.4	34.0	51.0#

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#4

n-Nitrosodimethylamine

Concen: 41.438 ng

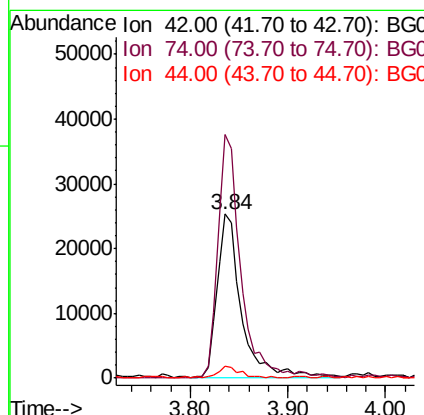
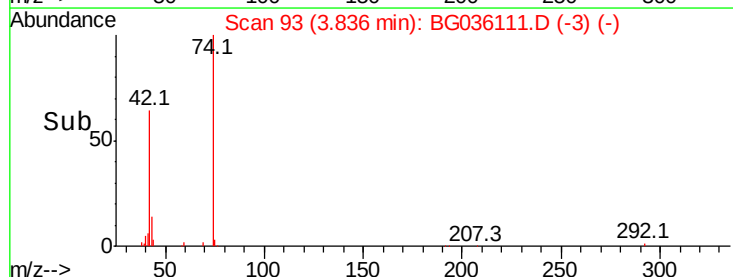
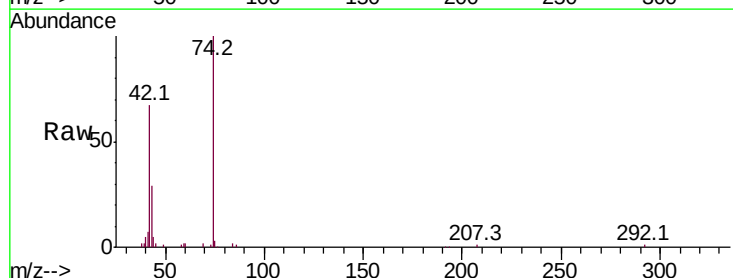
RT: 3.84 min Scan# 93

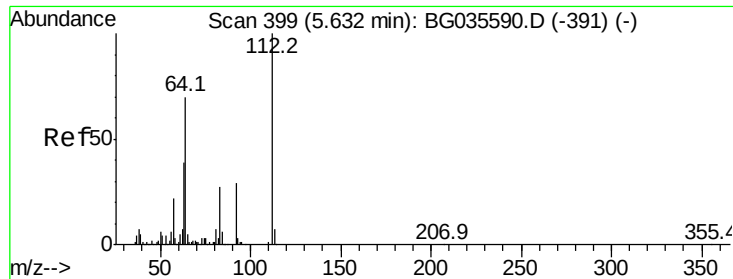
Delta R.T. 0.00 min

Lab File: BG036111.D

Acq: 4 Aug 2018 2:46

Tgt Ion:	42	Resp:	44126
Ion Ratio	Lower	Upper	
42	100		
74	148.6	102.5	153.7
44	7.0	18.9	28.3#





#5

2-Fluorophenol

Concen: 139.524 ng

RT: 5.61 min Scan# 395

Delta R.T. 0.01 min

Lab File: BG036111.D

Acq: 4 Aug 2018 2:46

Instrument :

BNA_G

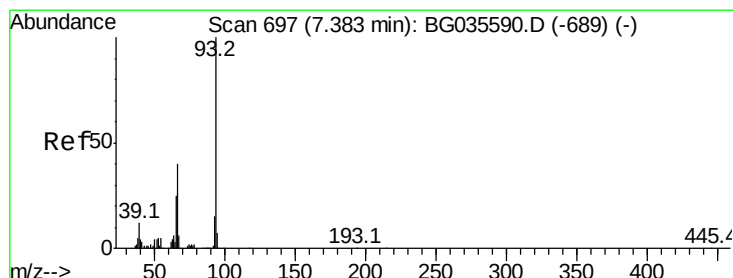
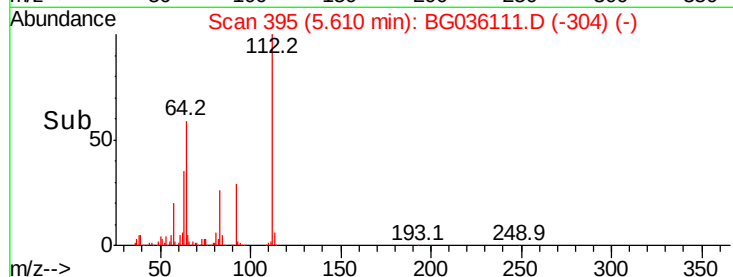
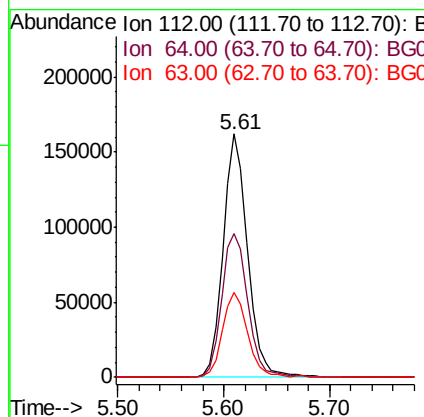
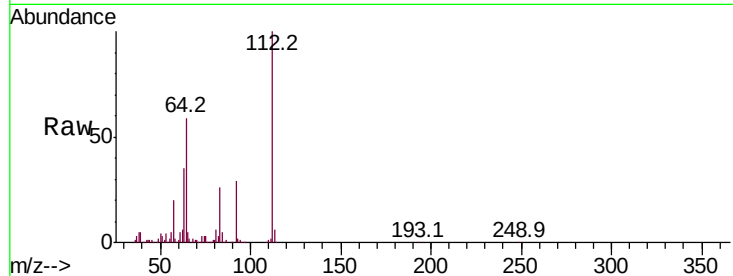
ClientSampleId :

C-1MSD

Tot Ion:	112	Resp:	260420
Ion Ratio	Lower	Upper	
112	100		
64	59.3	56.3	84.5
63	34.9	30.1	45.1

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#6

Aniline

Concen: 16.925 ng

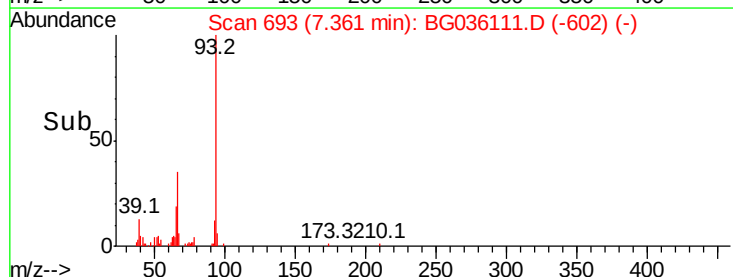
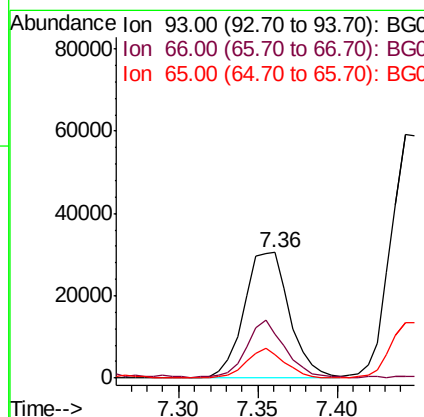
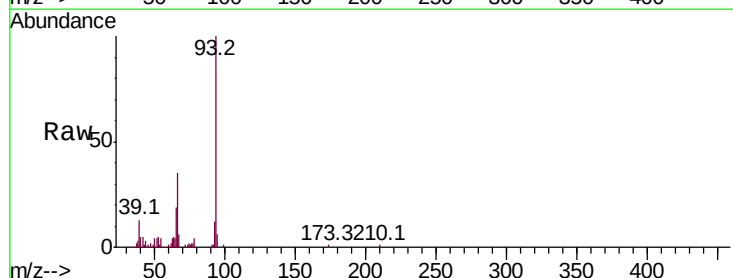
RT: 7.36 min Scan# 693

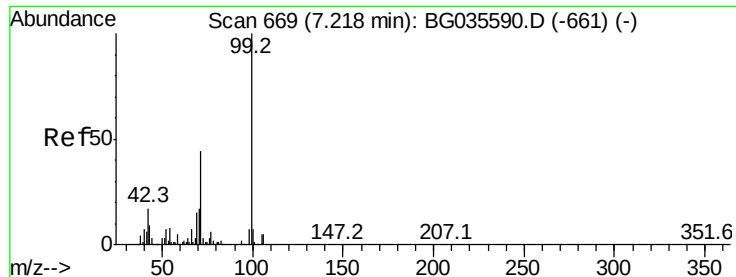
Delta R.T. 0.01 min

Lab File: BG036111.D

Acq: 4 Aug 2018 2:46

Tgt Ion:	93	Resp:	61090
Ion Ratio	Lower	Upper	
93	100		
66	35.4	33.7	50.5
65	19.2	16.1	24.1





#7

Phenol-d6

Concen: 123.943 ng

RT: 7.20 min Scan# 665

Delta R.T. 0.00 min

Lab File: BG036111.D

Acq: 4 Aug 2018 2:46

Instrument :

BNA_G

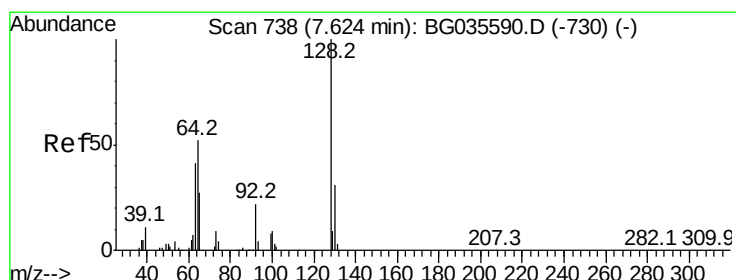
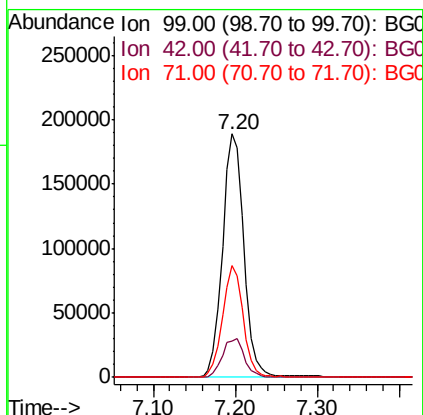
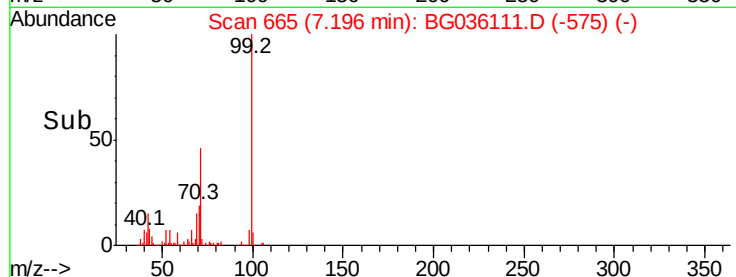
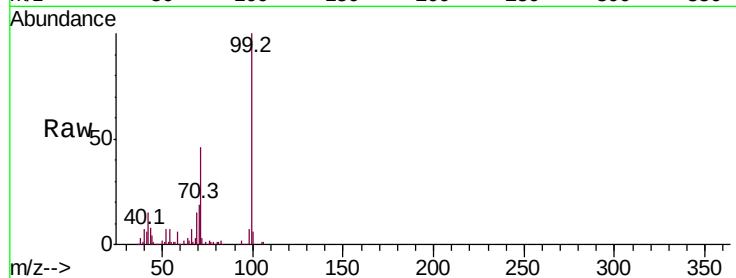
ClientSampled :

C-1MSD

Tot Ion	Ratio	Resp Lower	Upper
99	100		
42	14.9	14.1	21.1
71	45.7	26.1	39.1#

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#8

2-Chlorophenol

Concen: 49.747 ng

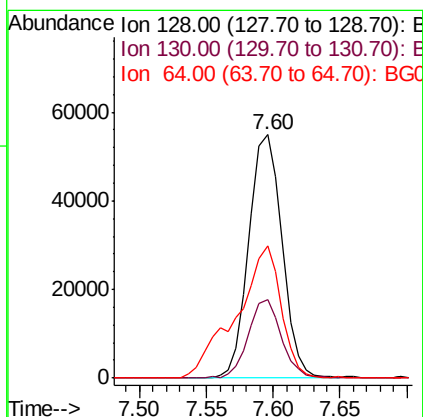
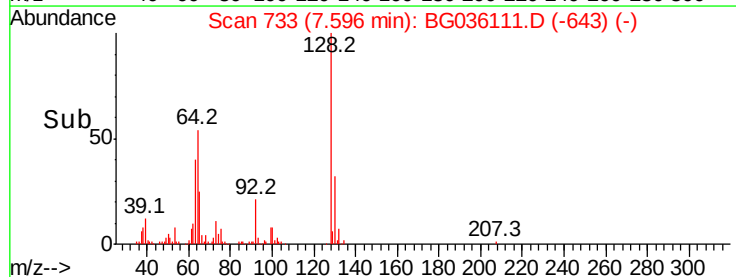
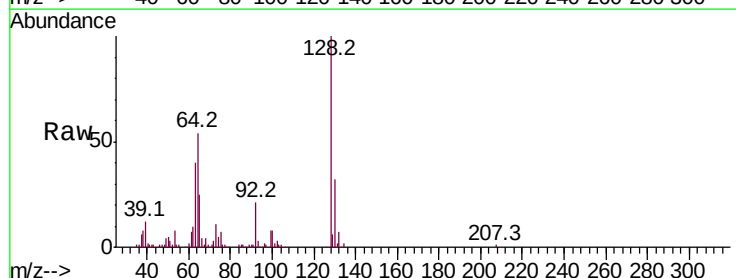
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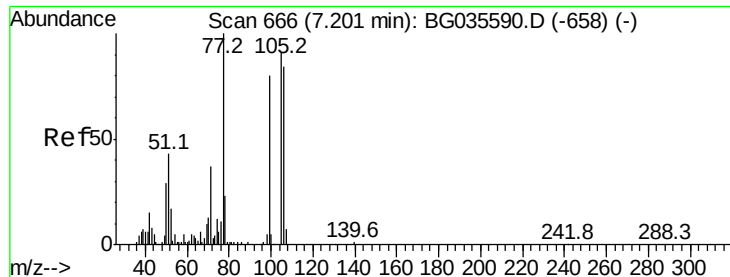
Delta R.T. 0.00 min

Lab File: BG036111.D

Acq: 4 Aug 2018 2:46

Tgt Ion	Ratio	Resp Lower	Upper
128	100		
130	32.2	14.0	54.0
64	54.2	37.7	77.7





#9

Benzaldehyde

Concen: 29.056 ng

RT: 7.17 min Scan# 660

Delta R.T. 0.00 min

Lab File: BG036111.D

Acq: 4 Aug 2018 2:46

Instrument :

BNA_G

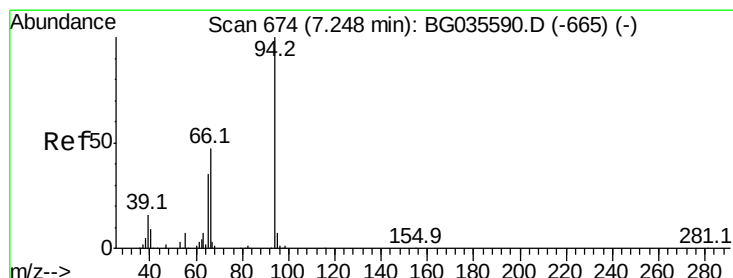
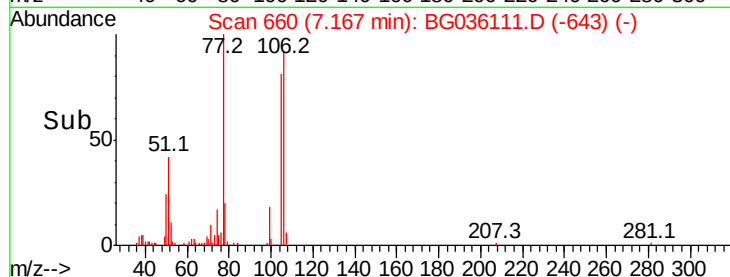
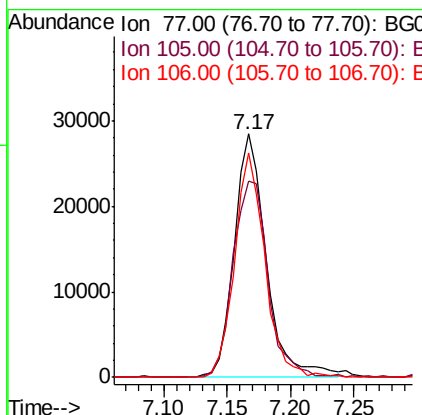
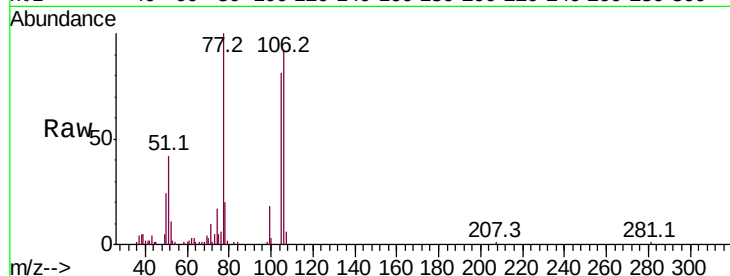
ClientSampleId :

C-1MSD

Tot Ion:	77	Resp:	49647
Ion	Ratio	Lower	Upper
77	100		
105	80.7	71.3	111.3
106	92.4	64.2	104.2

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#10

Phenol

Concen: 42.286 ng

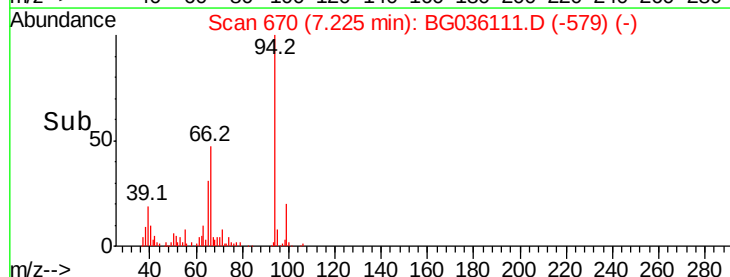
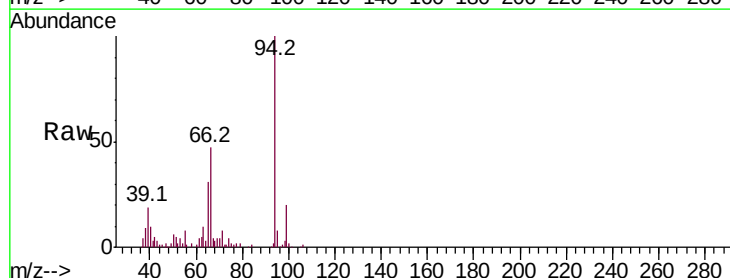
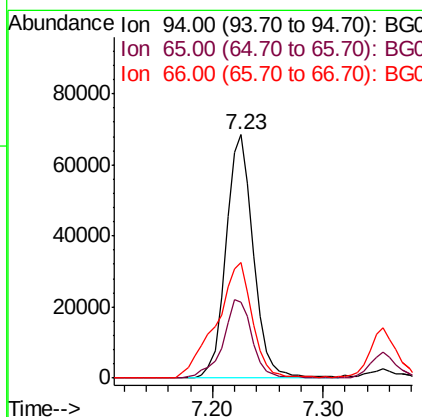
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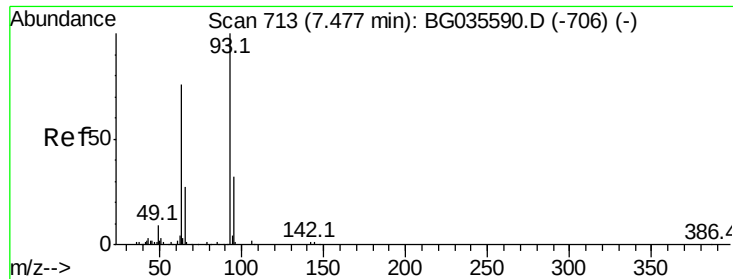
Delta R.T. 0.01 min

Lab File: BG036111.D

Acq: 4 Aug 2018 2:46

Tgt Ion:	94	Resp:	118970
Ion	Ratio	Lower	Upper
94	100		
65	31.2	11.9	51.9
66	47.3	22.2	62.2





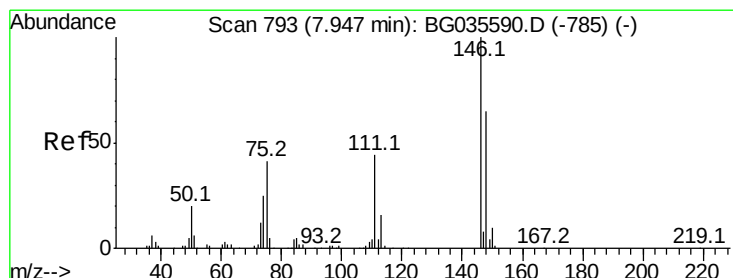
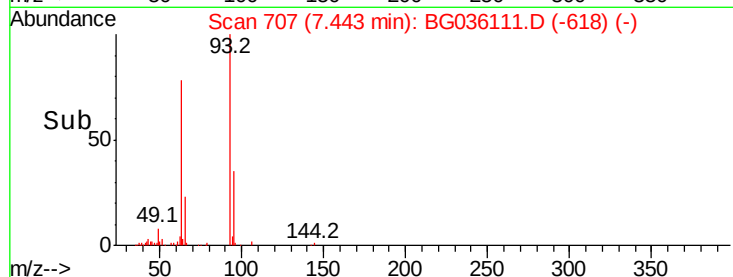
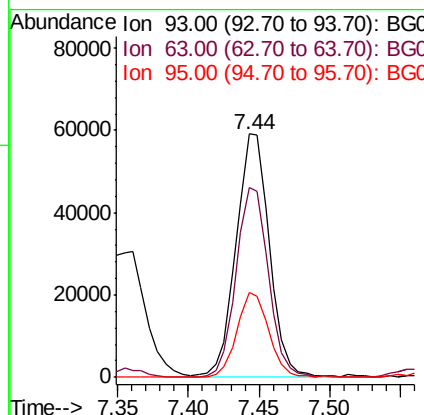
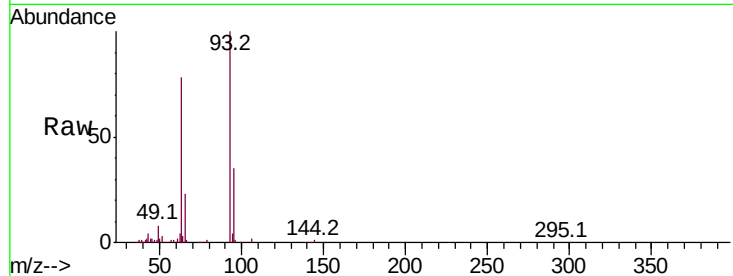
#11
bis(2-Chloroethyl)ether
Concen: 44.059 ng
RT: 7.44 min Scan# 707
Delta R.T. -0.01 min
Lab File: BG036111.D
Acq: 4 Aug 2018 2:46

Instrument :
BNA_G
ClientSampled :
C-1MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.9	67.1	107.1
95	34.8	11.5	51.5

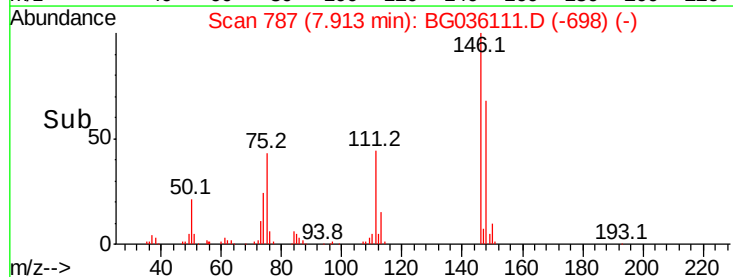
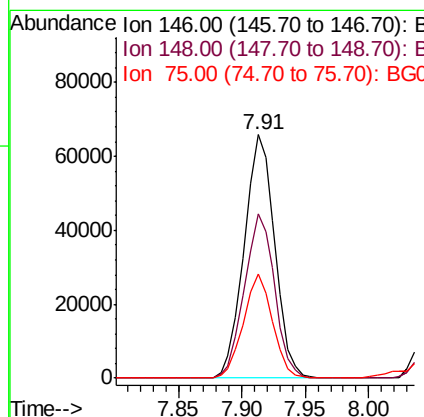
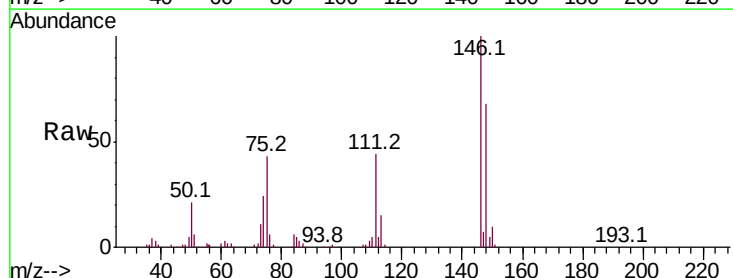
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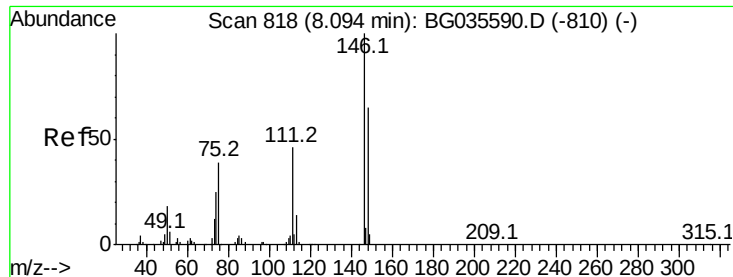
Sohil
8/6/2018 9:57:55 AM



#12
1,3-Dichlorobenzene
Concen: 48.076 ng
RT: 7.91 min Scan# 787
Delta R.T. -0.01 min
Lab File: BG036111.D
Acq: 4 Aug 2018 2:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.6	51.4	77.2
75	42.9	26.6	39.8#





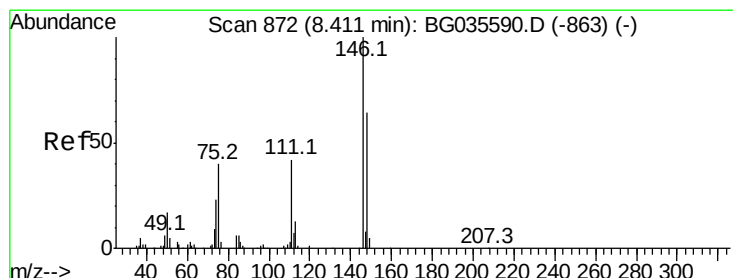
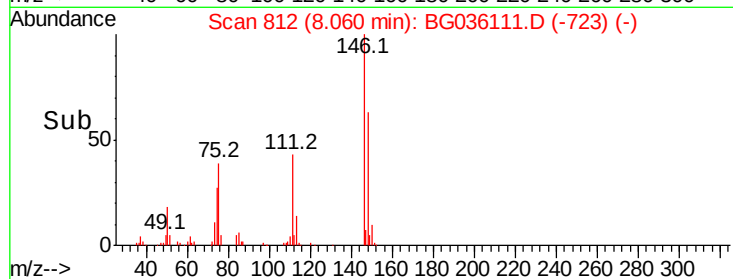
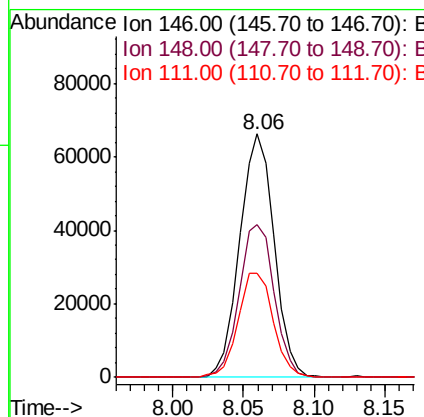
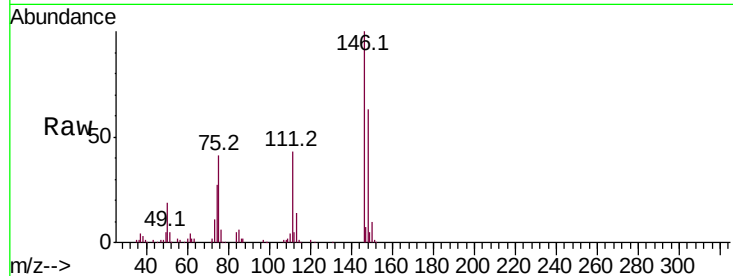
#13
 1,4-Dichlorobenzene
 Concen: 48.512 ng
 RT: 8.06 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BG036111.D
 Acq: 4 Aug 2018 2:46

Instrument :
 BNA_G
 ClientSampleId :
 C-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
148	62.7	53.7	80.5	
111	42.6	35.2	52.8	

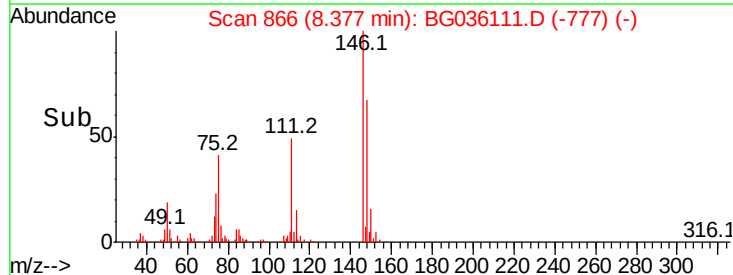
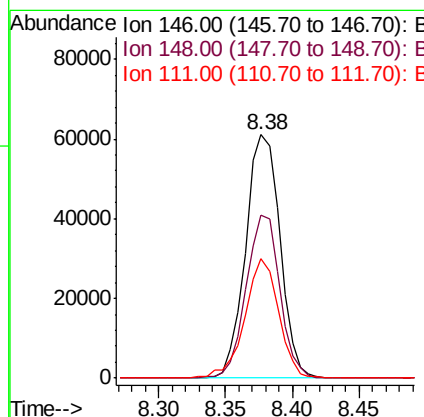
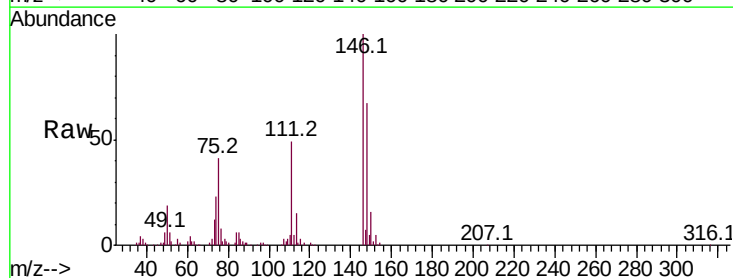
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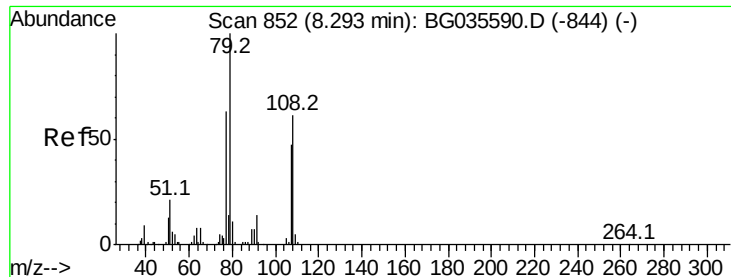
Sohil
 8/6/2018 9:57:55 AM



#14
 1,2-Dichlorobenzene
 Concen: 48.476 ng
 RT: 8.38 min Scan# 866
 Delta R.T. -0.01 min
 Lab File: BG036111.D
 Acq: 4 Aug 2018 2:46

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	67.0	49.3	73.9	
111	49.2	34.3	51.5	





#15

Benzyl Alcohol

Concen: 41.168 ng

RT: 8.27 min Scan# 847

Delta R.T. 0.00 min

Lab File: BG036111.D

Acq: 4 Aug 2018 2:46

Instrument :

BNA_G

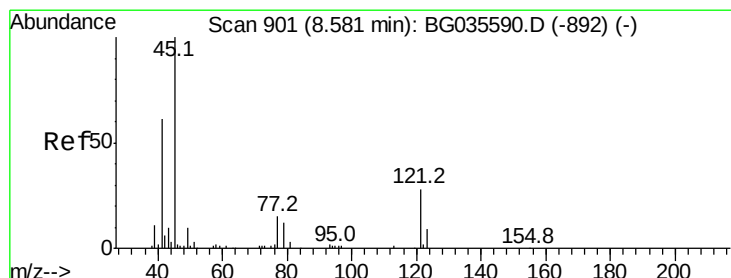
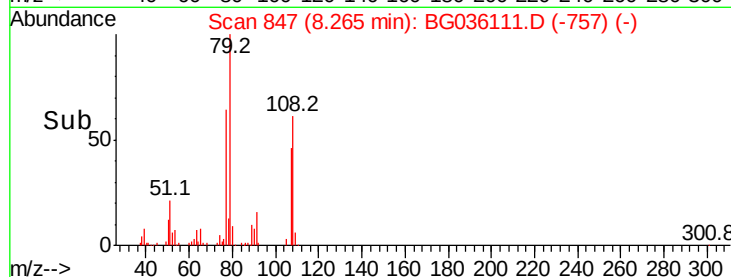
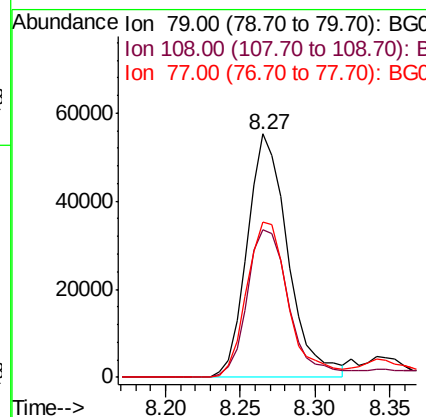
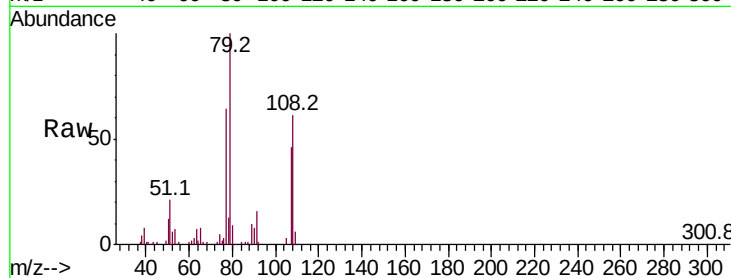
ClientSampled :

C-1MSD

Tot Ion:	79	Resp:	104107
Ion Ratio	Lower	Upper	
79	100		
108	60.5	57.2	85.8
77	63.8	46.1	69.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 59.505 ng

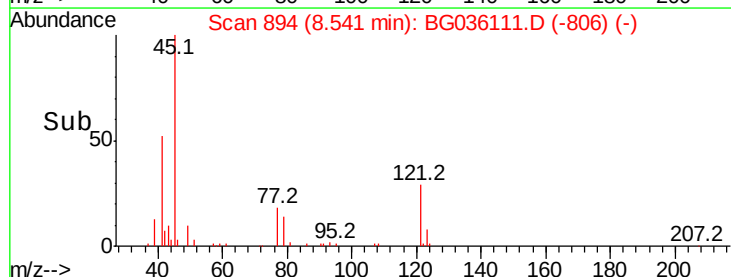
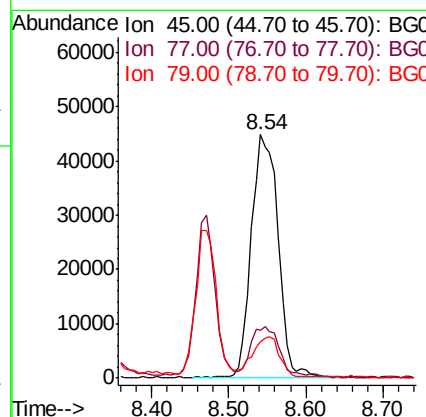
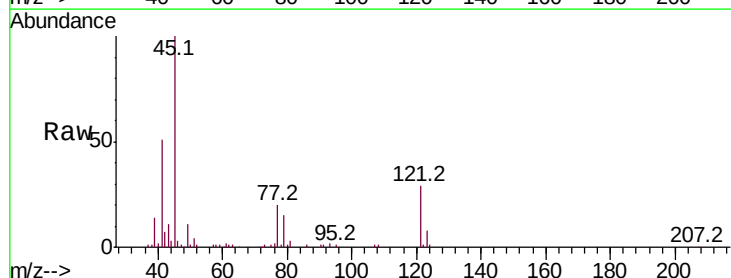
RT: 8.54 min Scan# 894

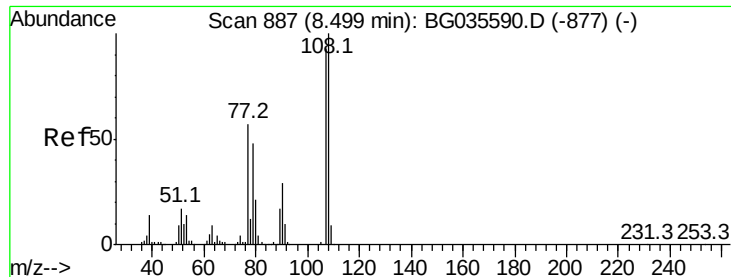
Delta R.T. -0.01 min

Lab File: BG036111.D

Acq: 4 Aug 2018 2:46

Tgt Ion:	45	Resp:	109919
Ion Ratio	Lower	Upper	
45	100		
77	19.7	0.0	30.2
79	14.9	0.0	27.9





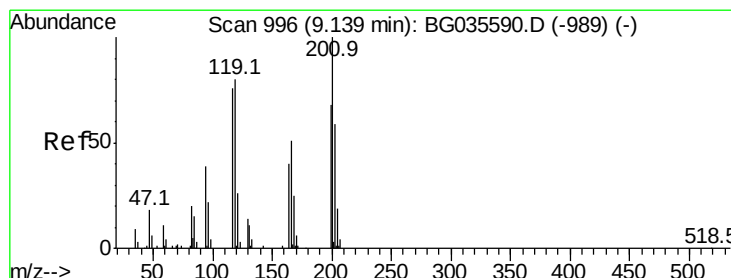
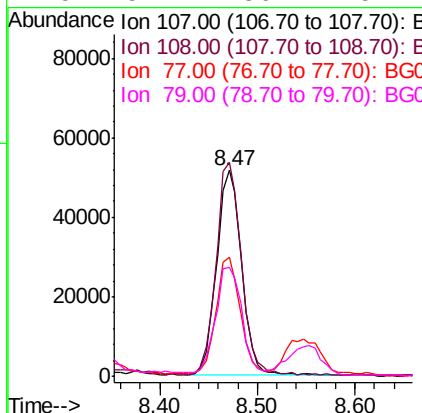
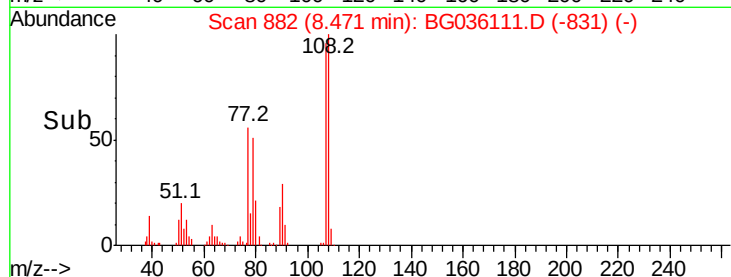
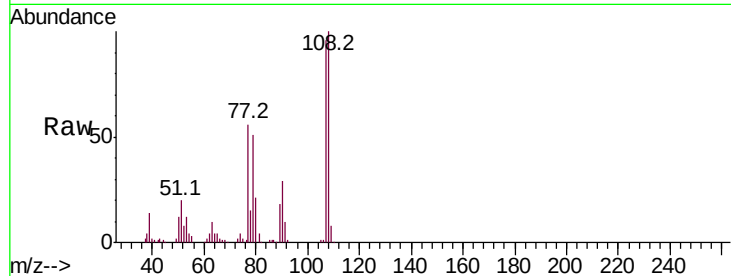
#17
2-Methylphenol
Concen: 47.957 ng
RT: 8.47 min Scan# 882
Delta R.T. 0.00 min
Lab File: BG036111.D
Acq: 4 Aug 2018 2:46

Instrument :
BNA_G
ClientSampleId :
C-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	103.9	83.9	125.9	
77	58.1	37.2	55.8	
79	52.7	36.2	54.2	

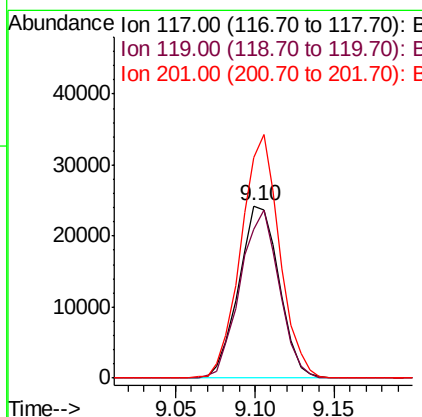
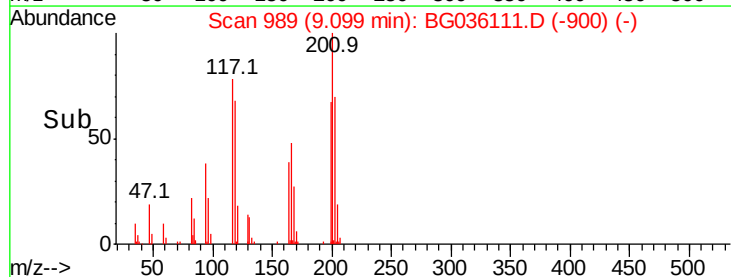
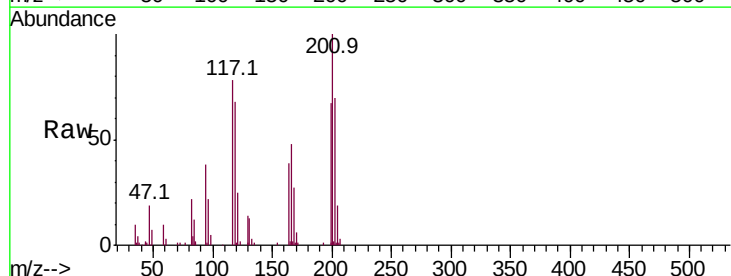
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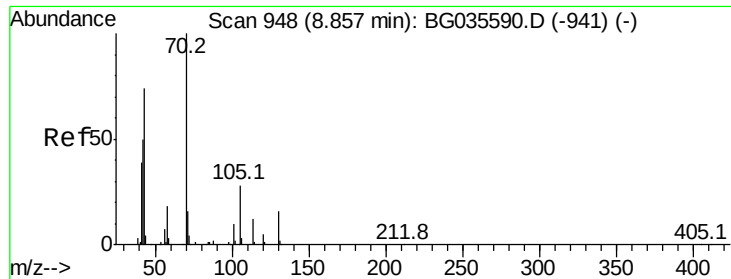
Sohil
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#18
Hexachloroethane
Concen: 48.147 ng
RT: 9.10 min Scan# 989
Delta R.T. -0.01 min
Lab File: BG036111.D
Acq: 4 Aug 2018 2:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	86.9	76.7	115.1	
201	128.1	95.7	143.5	





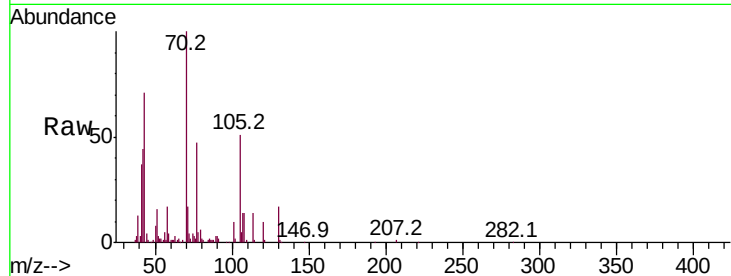
#19
n-Nitroso-di-n-propylamine
Concen: 40.340 ng
RT: 8.83 min Scan# 943
Delta R.T. 0.00 min
Lab File: BG036111.D
Acq: 4 Aug 2018 2:46

Instrument :
BNA_G
ClientSampleId :
C-1MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	43.8	49.1	73.7#
101	9.7	8.5	12.7
130	17.1	13.4	20.0

Manual Integrations
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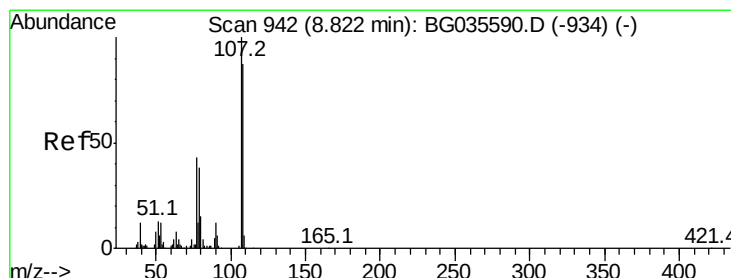
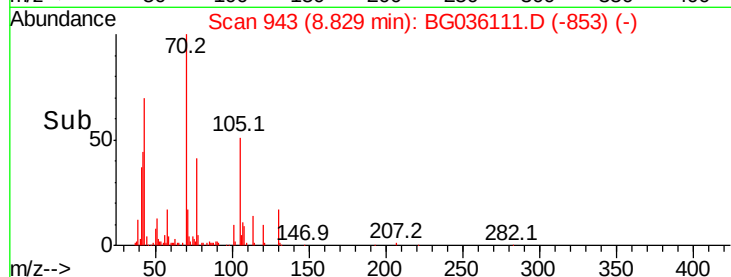
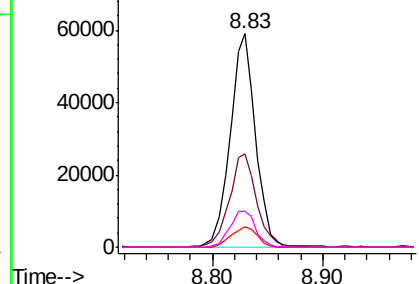
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 45.499 ng
RT: 8.81 min Scan# 939
Delta R.T. 0.01 min
Lab File: BG036111.D
Acq: 4 Aug 2018 2:46

Tgt Ion	Ratio	Lower	Upper
107	100		
108	83.9	61.6	101.6
77	44.2	13.9	53.9
79	37.7	8.8	48.8

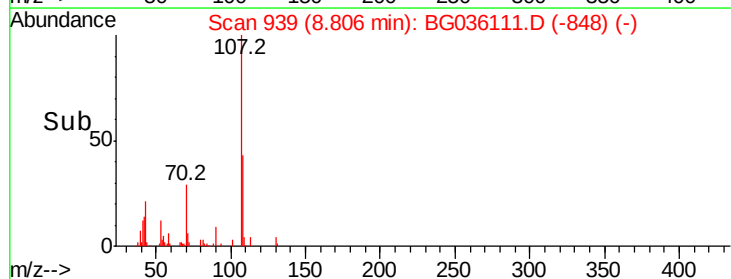
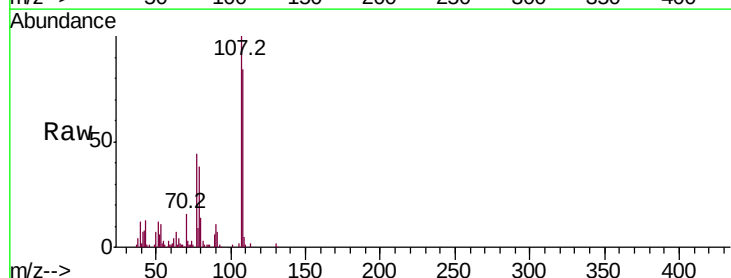
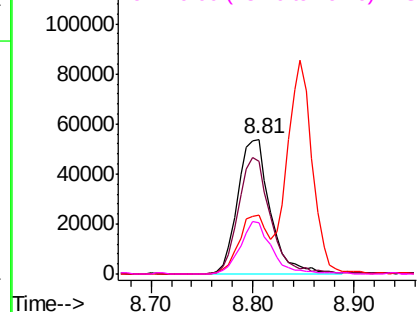
Abundance

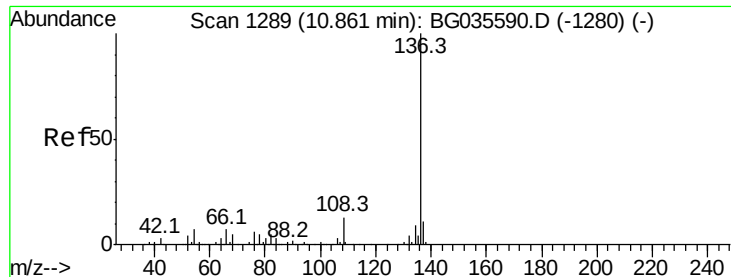
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





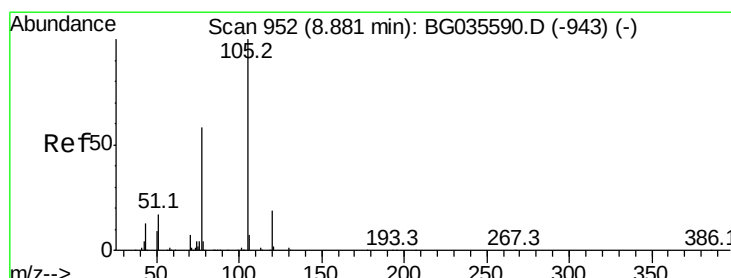
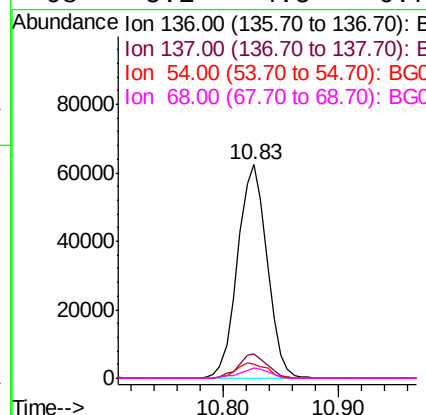
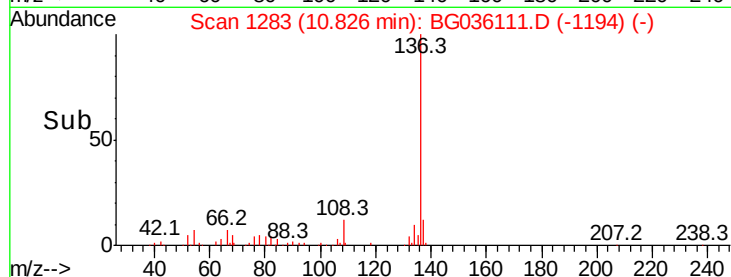
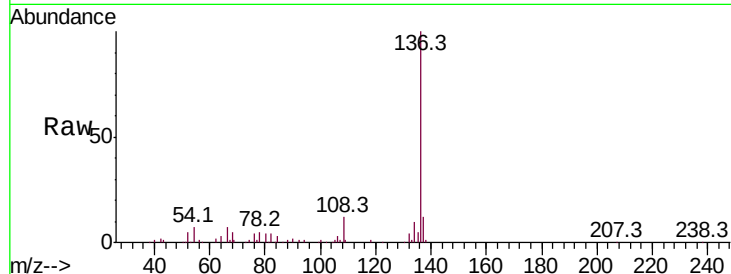
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG036111.D
Acq: 4 Aug 2018 2:46

Instrument :
BNA_G
ClientSampleId :
C-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.6	9.2	13.8	
54	6.8	10.3	15.5	
68	5.1	4.5	6.7	

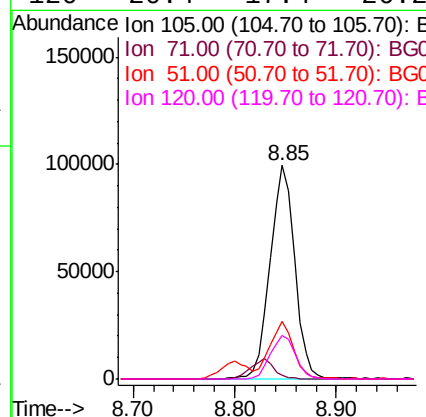
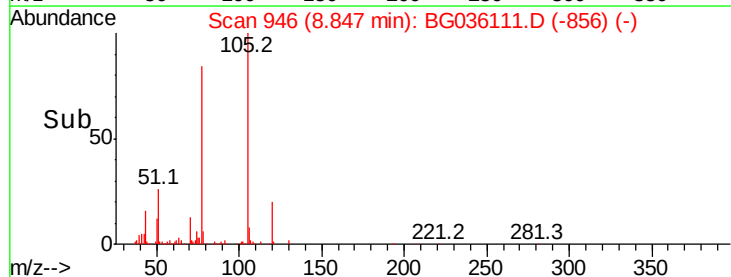
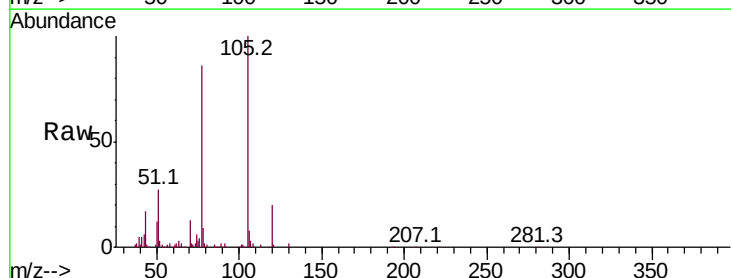
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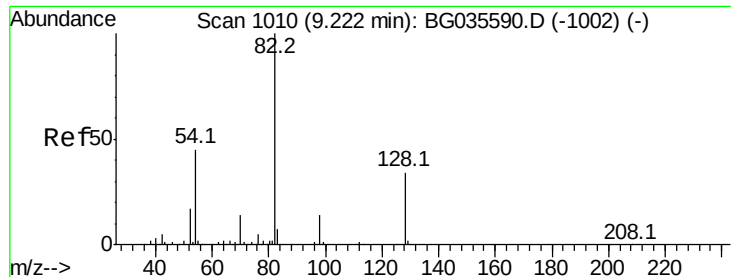
Sohil
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#22
Acetophenone
Concen: 49.030 ng
RT: 8.85 min Scan# 946
Delta R.T. 0.00 min
Lab File: BG036111.D
Acq: 4 Aug 2018 2:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.6	3.0	4.4	
51	26.8	26.1	39.1	
120	20.4	17.4	26.2	





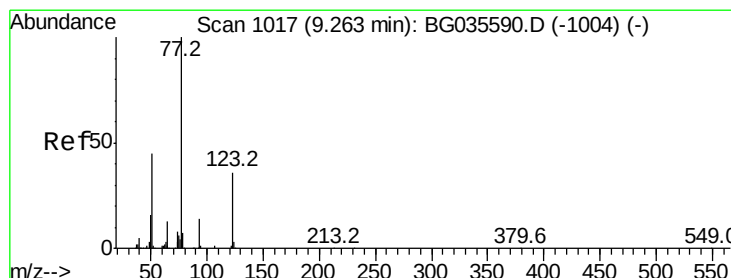
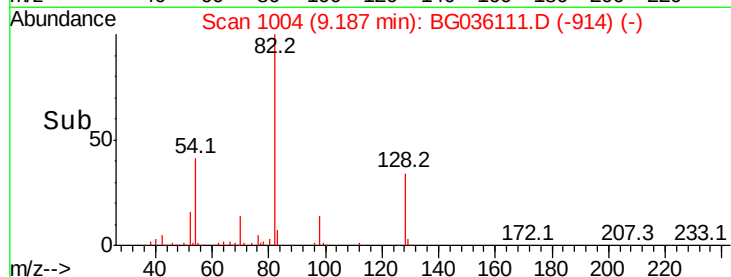
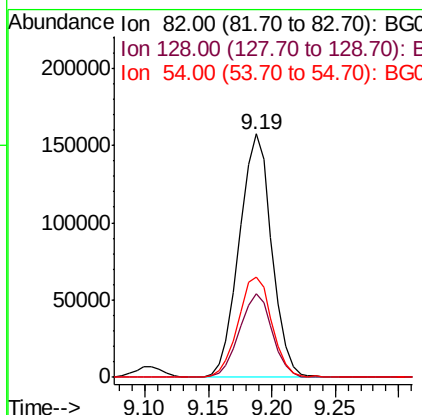
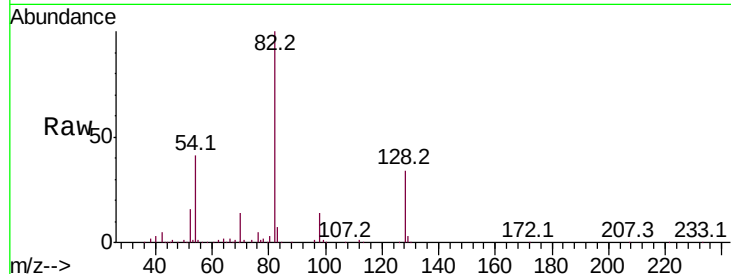
#23
 Nitrobenzene-d5
 Concen: 105.846 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BG036111.D
 Acq: 4 Aug 2018 2:46

Instrument :
 BNA_G
 ClientSampleId :
 C-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	34.4	29.7	44.5	
54	41.1	43.1	64.7	

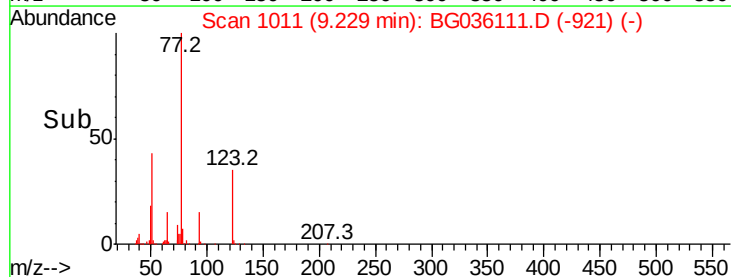
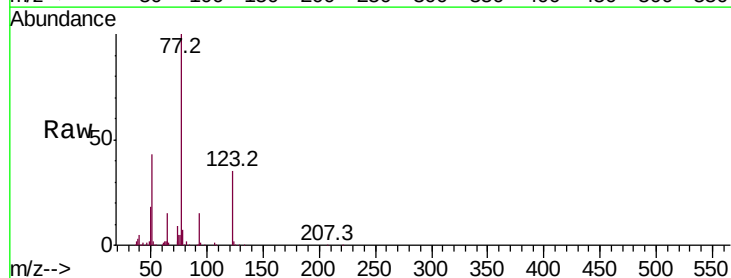
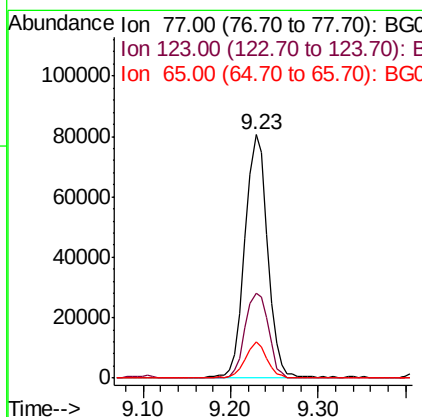
Manual Integrations
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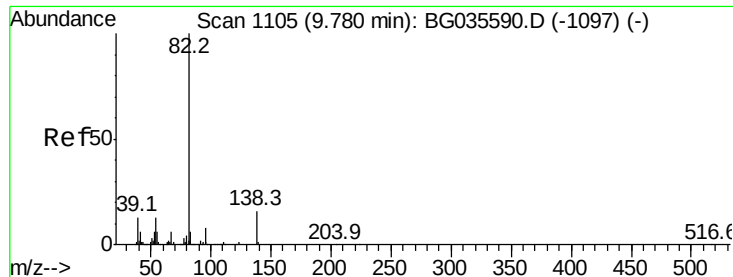
Sohil
 8/6/2018 9:57:55 AM



#24
 Nitrobenzene
 Concen: 52.971 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: BG036111.D
 Acq: 4 Aug 2018 2:46

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	35.0	33.0	49.6	
65	14.7	13.0	19.6	





#25

Isophorone

Concen: 54.315 ng

RT: 9.75 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BG036111.D

Acq: 4 Aug 2018 2:46

Instrument :

BNA_G

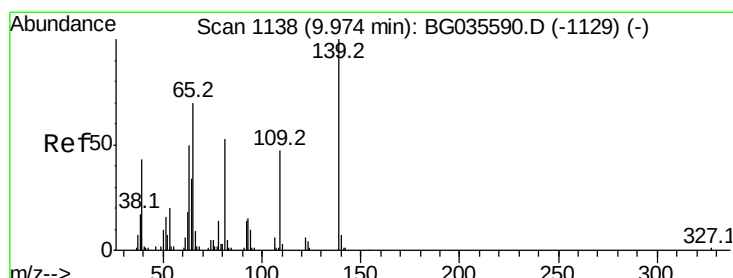
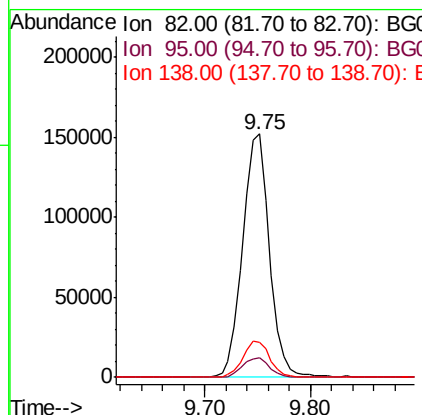
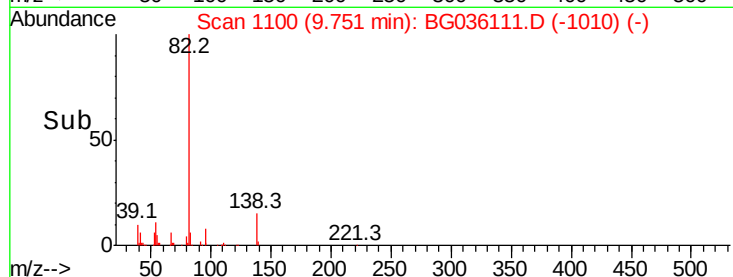
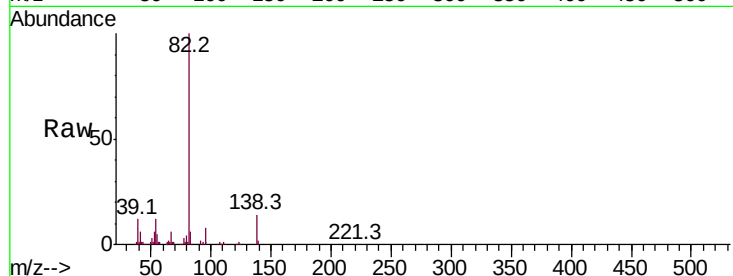
ClientSampleId :

C-1MSD

Tot Ion	82	Resp	266900
Ion Ratio	Lower	Upper	
82	100		
95	8.0	6.2	9.2
138	14.4	12.1	18.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 61.384 ng

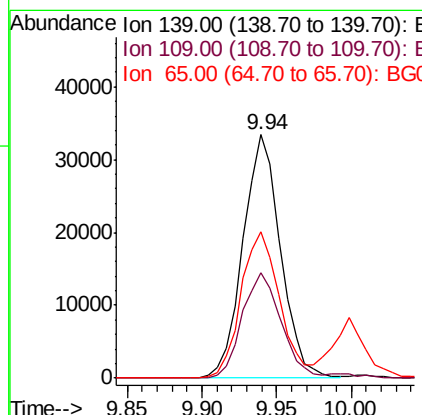
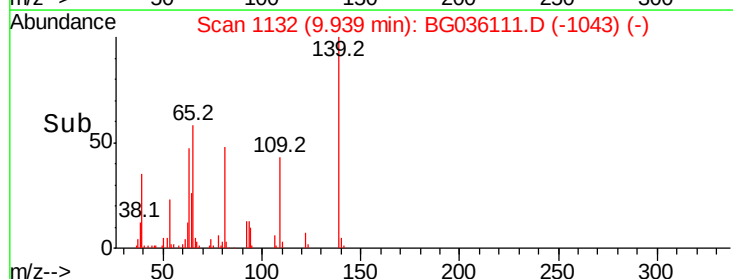
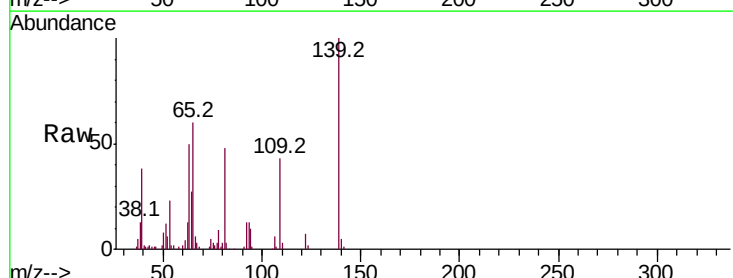
RT: 9.94 min Scan# 1132

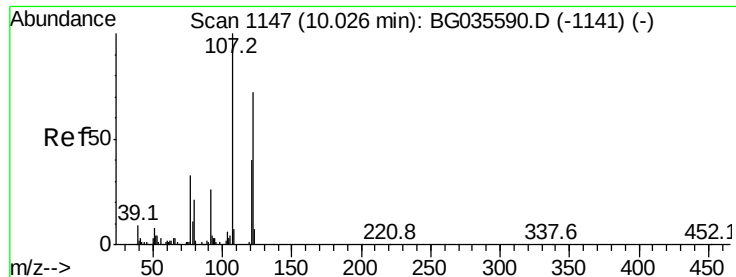
Delta R.T. -0.01 min

Lab File: BG036111.D

Acq: 4 Aug 2018 2:46

Tgt Ion	139	Resp	58038
Ion Ratio	Lower	Upper	
139	100		
109	43.4	24.2	36.2#
65	60.2	47.4	71.0





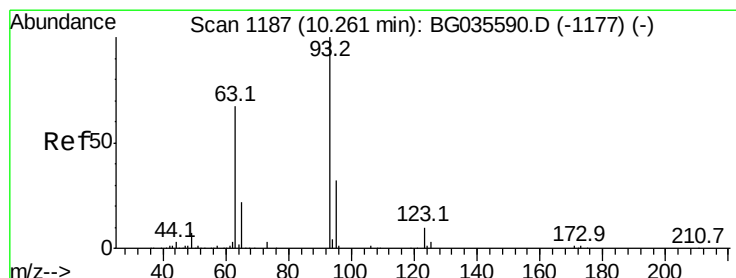
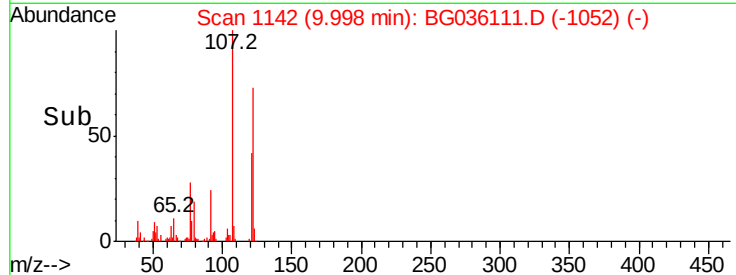
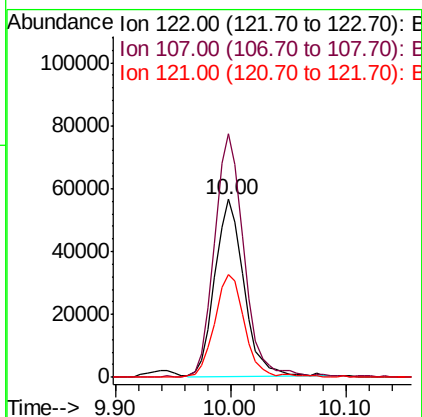
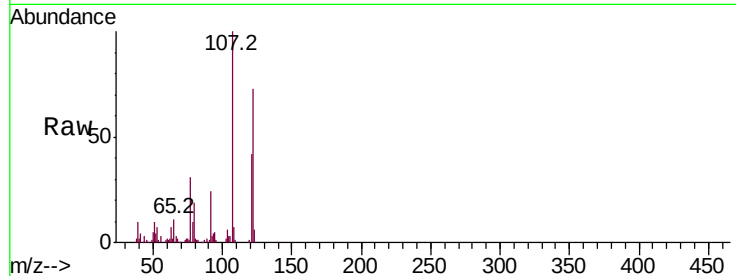
#27
2,4-Dimethylphenol
Concen: 61.885 ng
RT: 10.00 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BG036111.D
Acq: 4 Aug 2018 2:46

Instrument :
BNA_G
ClientSampled :
C-1MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	136.6	100.2	150.2
121	57.8	44.4	66.6

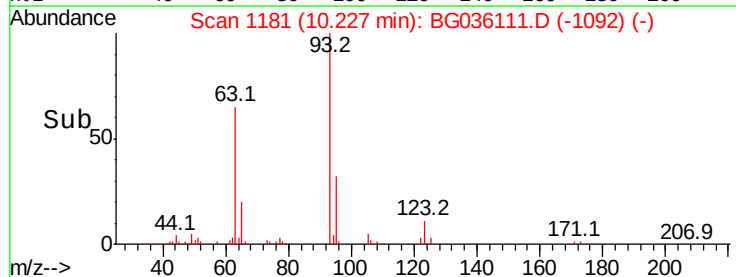
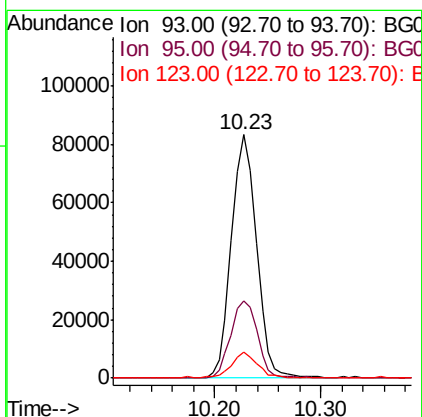
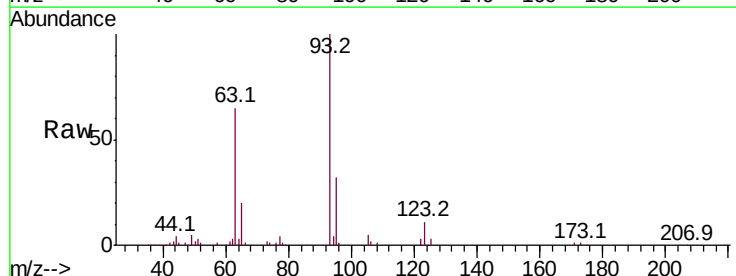
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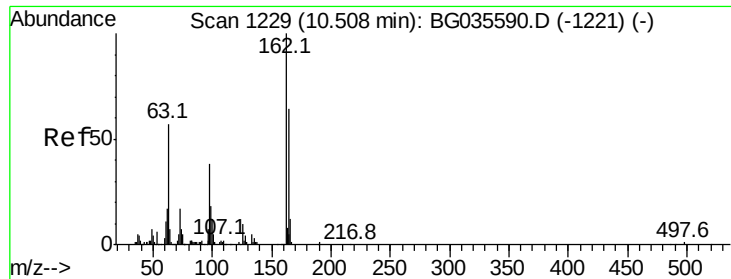
Sohil
8/6/2018 9:57:55 AM



#28
bis(2-Chloroethoxy)methane
Concen: 50.717 ng
RT: 10.23 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BG036111.D
Acq: 4 Aug 2018 2:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.7	24.3	36.5
123	10.7	8.4	12.6





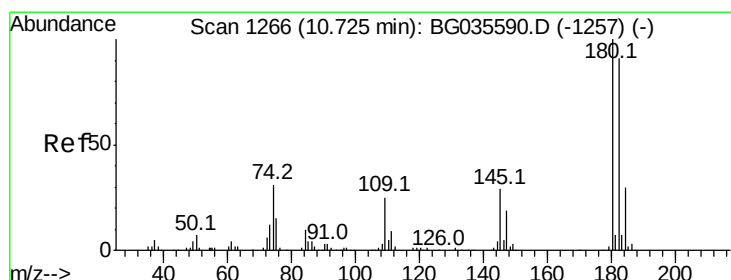
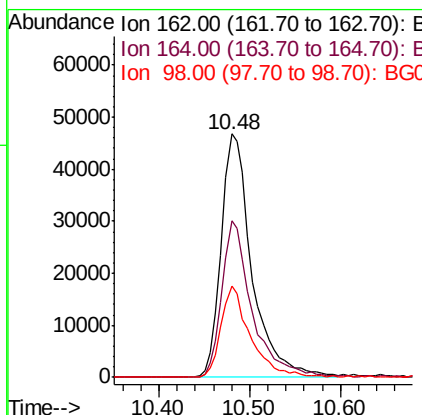
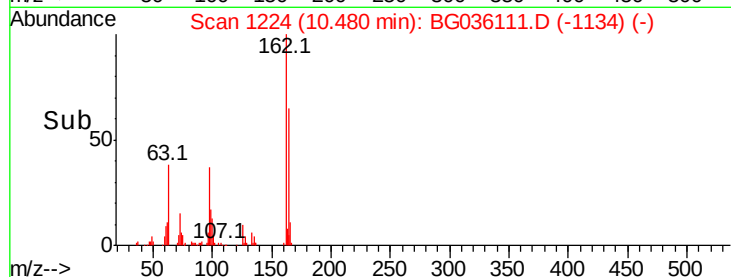
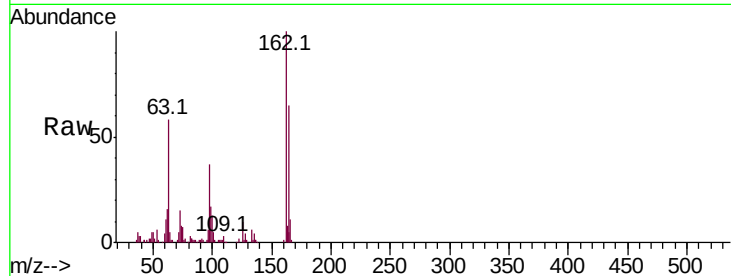
#29
 2,4-Dichlorophenol
 Concen: 60.283 ng
 RT: 10.48 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BG036111.D
 Acq: 4 Aug 2018 2:46

Instrument :
 BNA_G
 ClientSampleId :
 C-1MSD

Tot Ion:	162	Resp:	110132
Ion Ratio	Lower	Upper	
162	100		
164	64.5	48.0	88.0
98	37.4	21.1	61.1

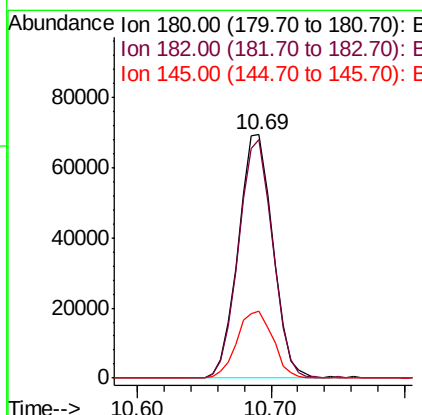
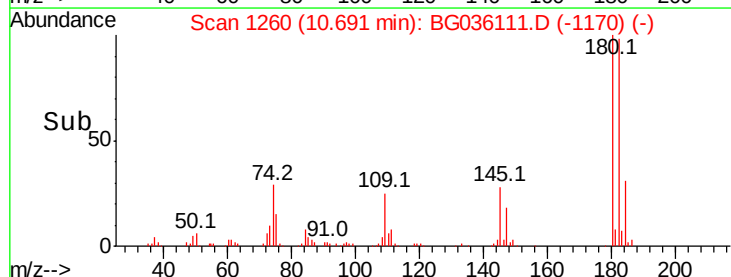
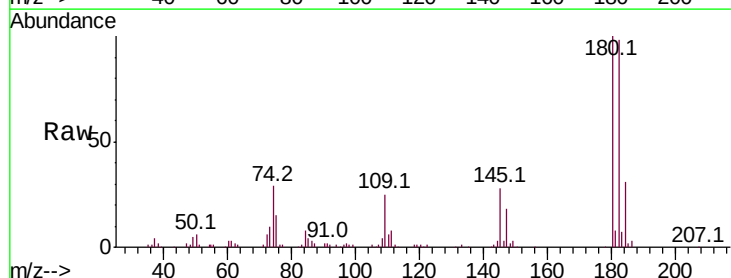
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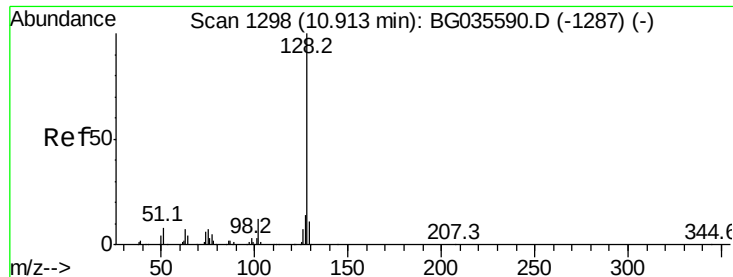
Sohil
 8/6/2018 9:57:55 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 55.584 ng
 RT: 10.69 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: BG036111.D
 Acq: 4 Aug 2018 2:46

Tgt Ion:	180	Resp:	124520
Ion Ratio	Lower	Upper	
180	100		
182	98.1	77.5	116.3
145	27.5	23.4	35.2





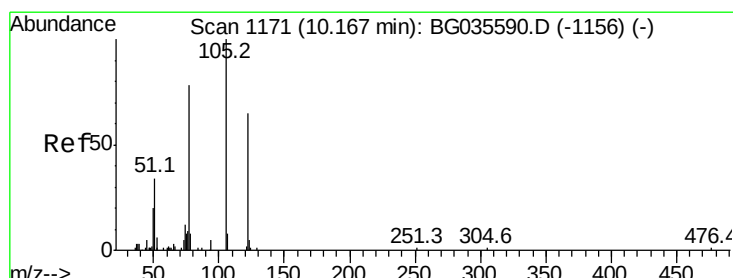
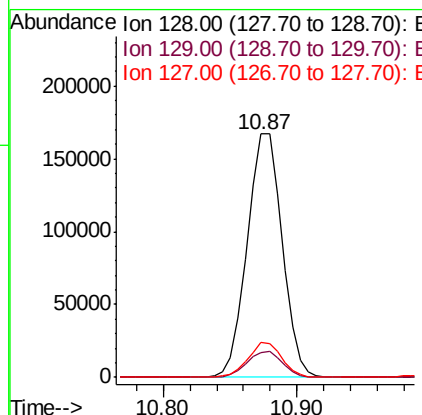
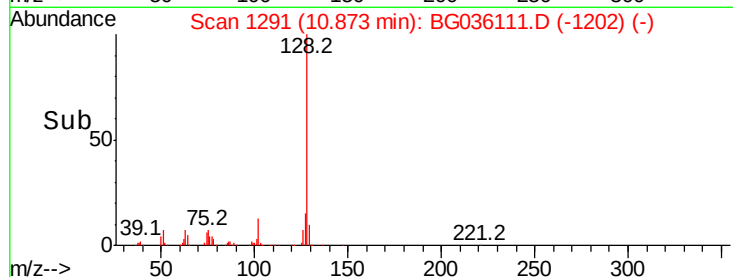
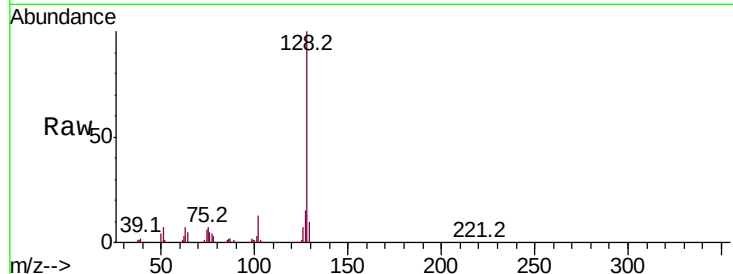
#31
Naphthalene
Concen: 52.543 ng
RT: 10.87 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BG036111.D
Acq: 4 Aug 2018 2:46

Instrument :
BNA_G
ClientSampleId :
C-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.4	8.6	12.8	
127	14.6	11.6	17.4	

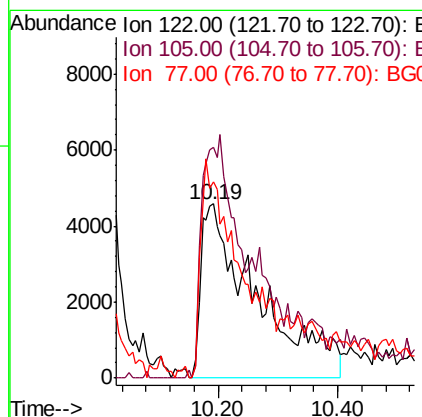
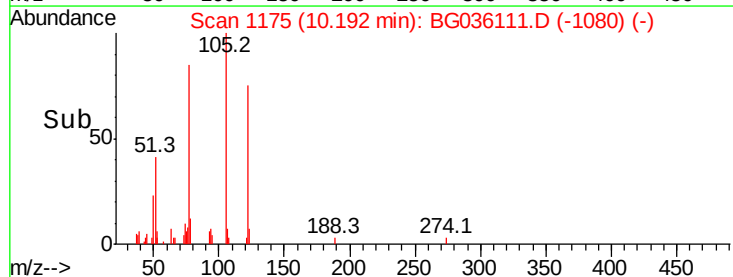
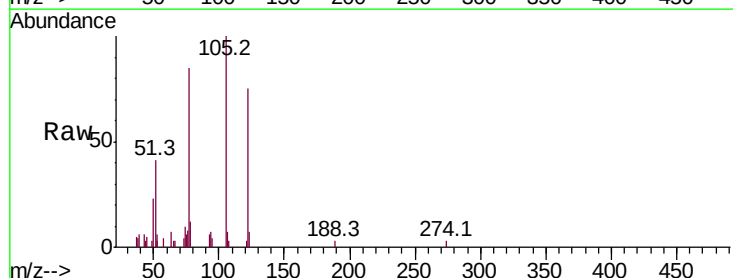
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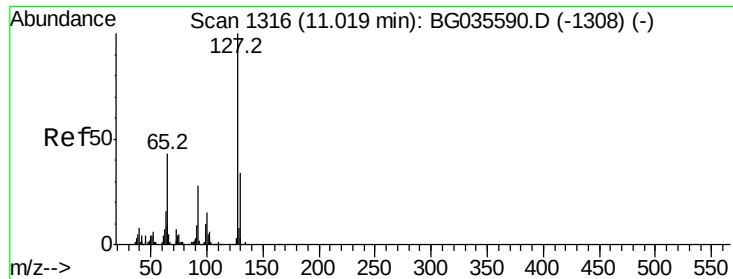
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#32
Benzoic acid
Concen: 27.646 ng m
RT: 10.19 min Scan# 1175
Delta R.T. 0.03 min
Lab File: BG036111.D
Acq: 4 Aug 2018 2:46

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	132.6	123.5	163.5	
77	112.6	85.7	125.7	





#33

4-Chloroaniline

Concen: 4.106 ng

RT: 11.00 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BG036111.D

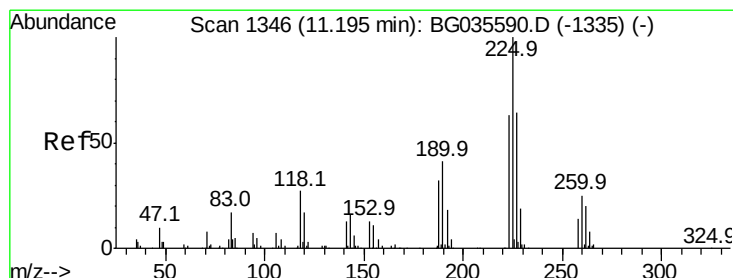
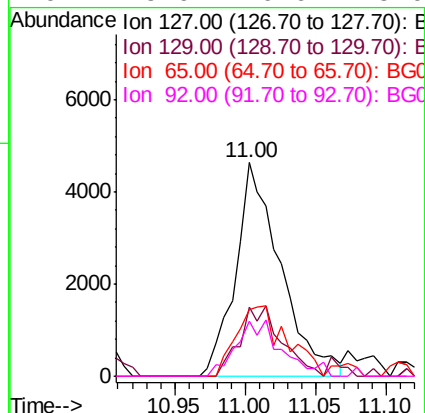
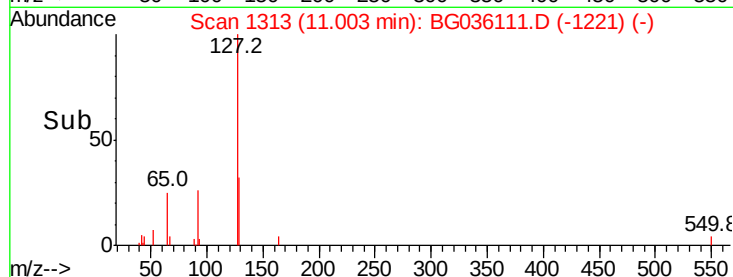
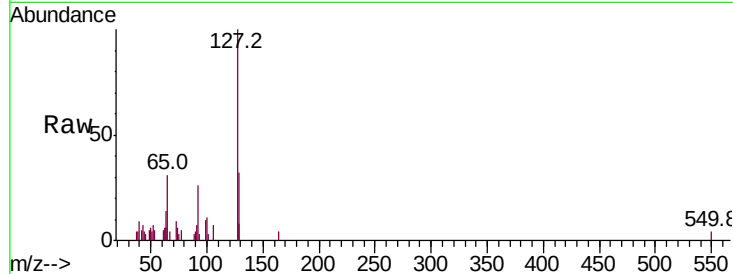
Acq: 4 Aug 2018 2:46

Instrument :
BNA_G
ClientSampleId :
C-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.3	24.0	36.0	
65	31.0	27.0	40.4	
92	25.9	16.6	25.0	

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#34

Hexachlorobutadiene

Concen: 55.866 ng

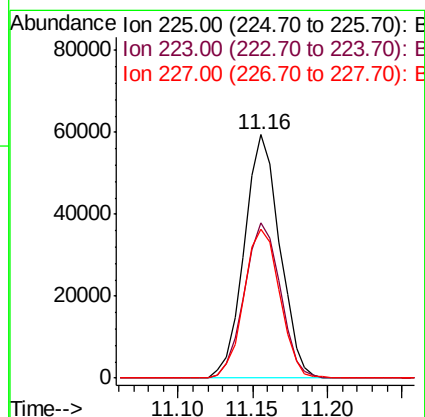
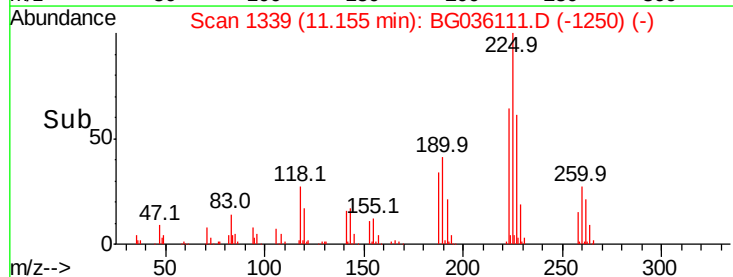
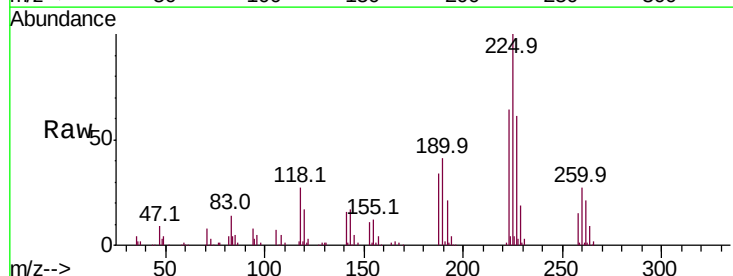
RT: 11.16 min Scan# 1339

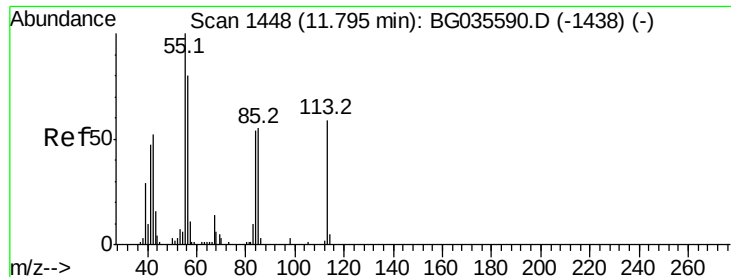
Delta R.T. -0.01 min

Lab File: BG036111.D

Acq: 4 Aug 2018 2:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.0	49.7	74.5	
227	60.9	48.1	72.1	





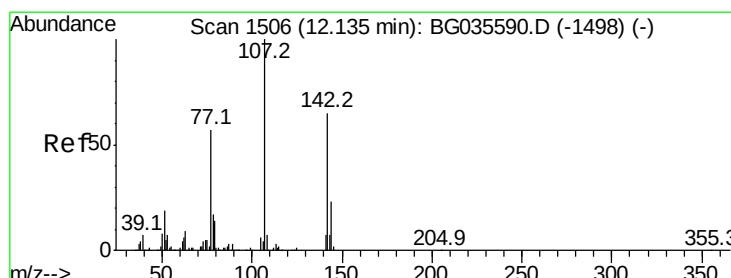
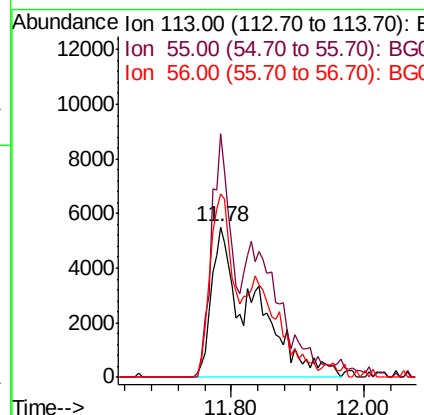
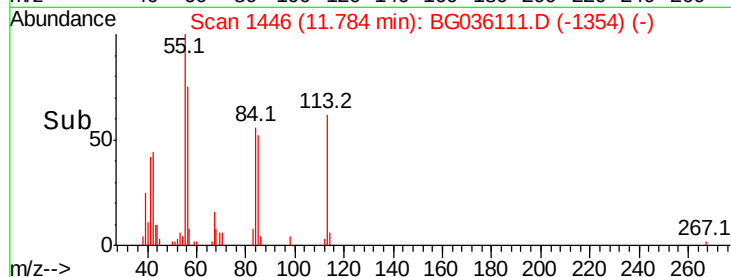
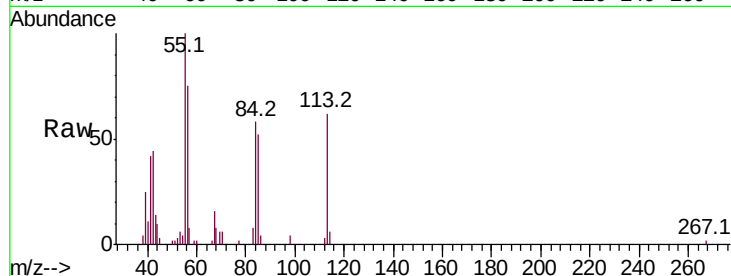
#35
Caprolactam
Concen: 30.798 ng/ml
RT: 11.78 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BG036111.D
Acq: 4 Aug 2018 2:46

Instrument :
BNA_G
ClientSampled :
C-1MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	162.1	186.9	226.9#
56	122.1	130.9	170.9#

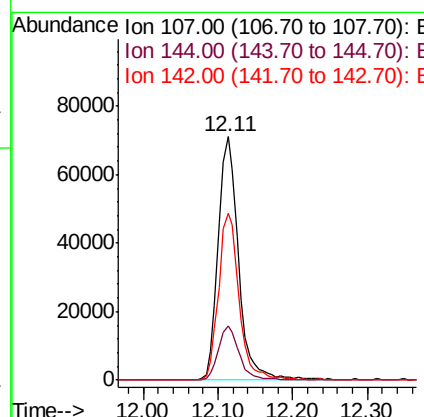
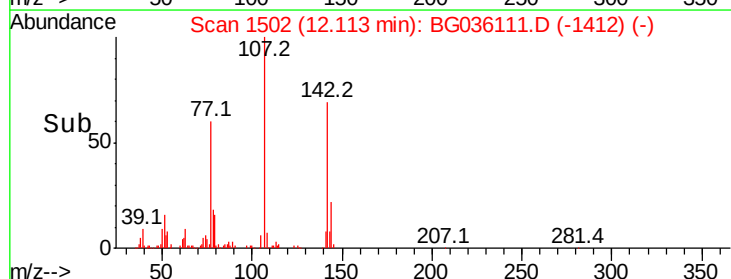
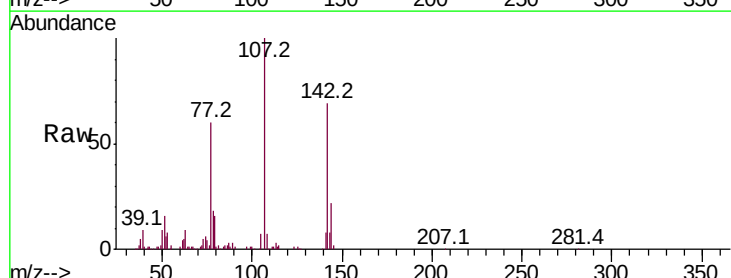
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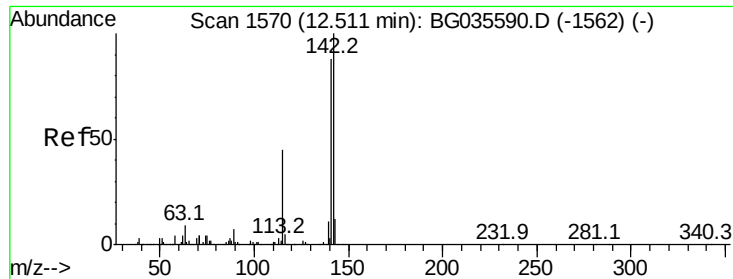
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#36
4-Chloro-3-methylphenol
Concen: 54.976 ng/ml
RT: 12.11 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BG036111.D
Acq: 4 Aug 2018 2:46

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.3	18.2	27.4
142	68.5	59.0	88.4





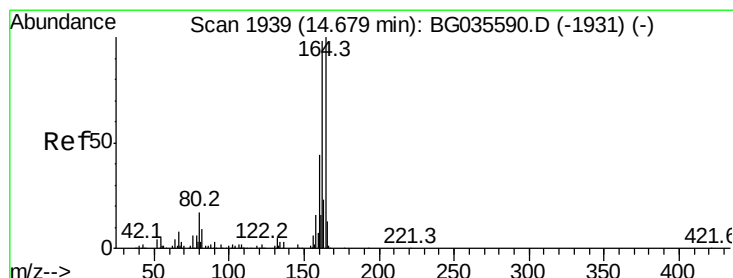
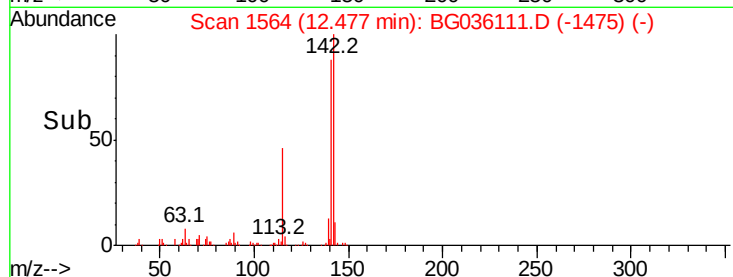
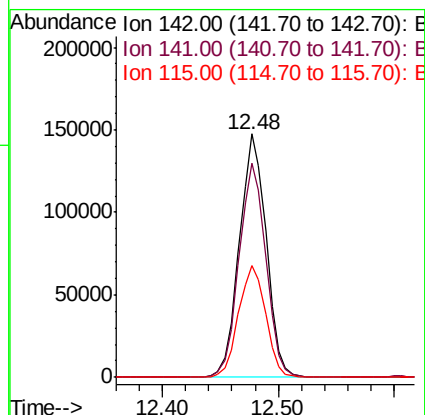
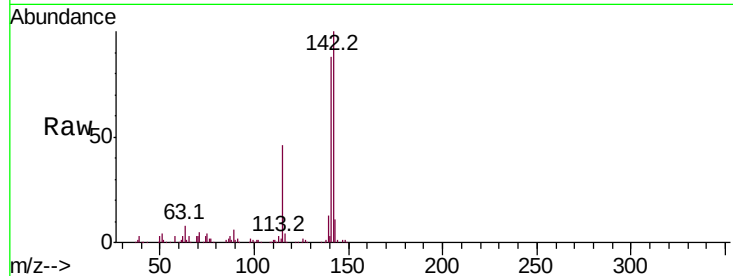
#37
2-Methylnaphthalene
Concen: 55.245 ng
RT: 12.48 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BG036111.D
Acq: 4 Aug 2018 2:46

Instrument :
BNA_G
ClientSampleId :
C-1MSD

Tot Ion	Ratio	Resp Lower	Upper
142	100		
141	87.8	67.1	100.7
115	45.7	30.7	46.1

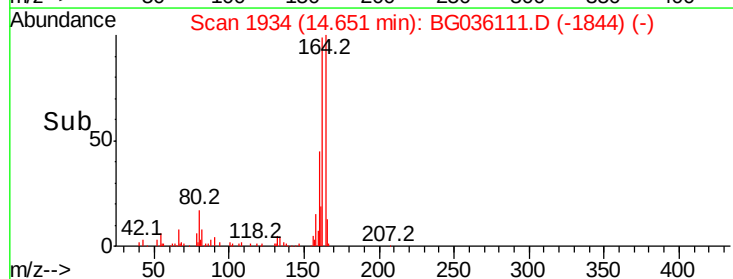
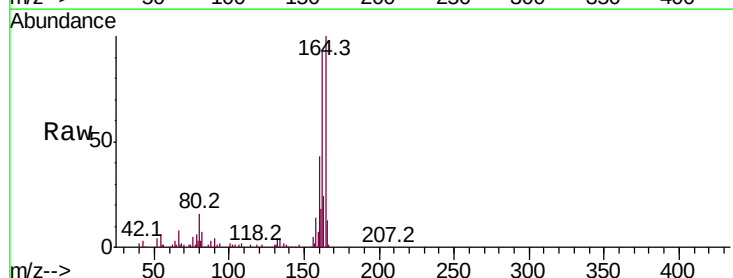
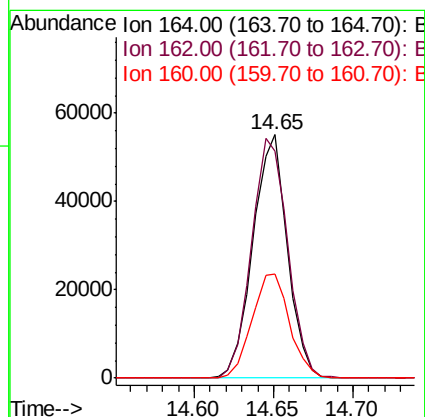
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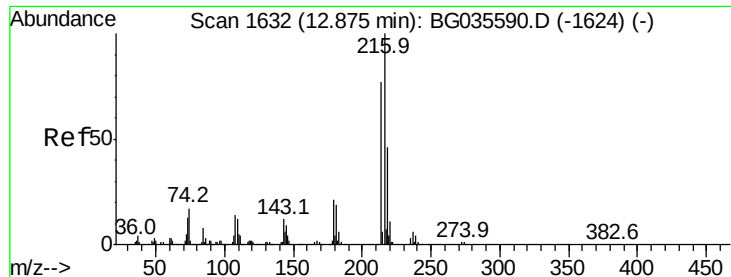
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. 0.00 min
Lab File: BG036111.D
Acq: 4 Aug 2018 2:46

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
162	93.1	78.8	118.2
160	42.8	35.4	53.0





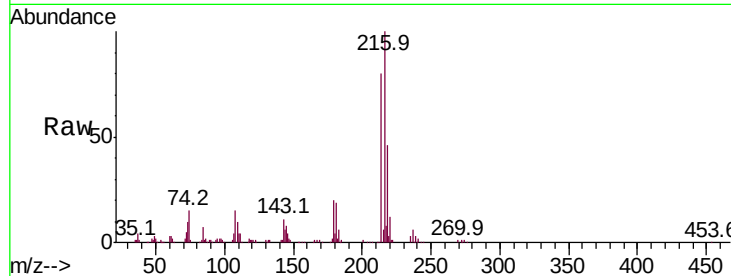
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 52.354 ng
 RT: 12.85 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: BG036111.D
 Acq: 4 Aug 2018 2:46

Instrument :
 BNA_G
 ClientSampleId :
 C-1MSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.4	63.0	94.4
179	19.9	17.0	25.6
108	16.7	12.8	19.2

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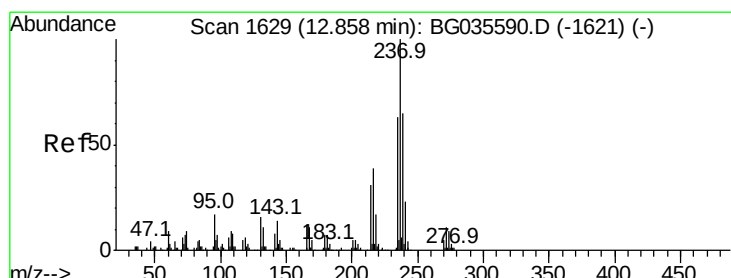
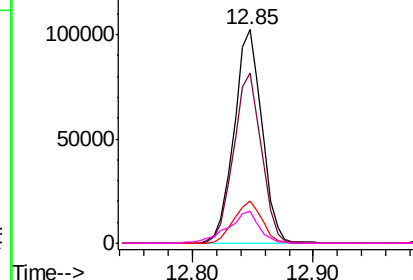
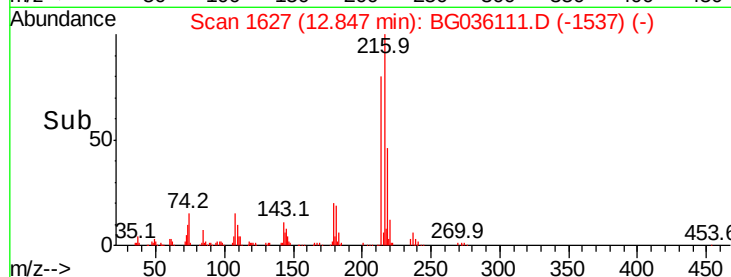
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

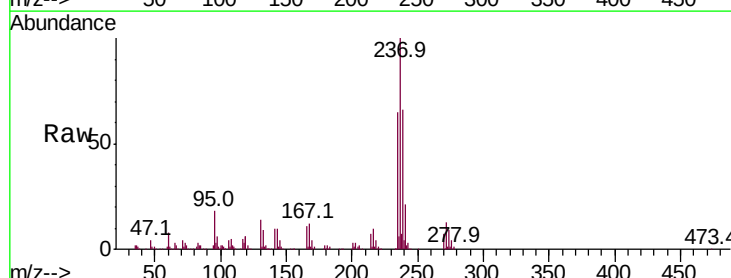
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 120.707 ng
 RT: 12.82 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BG036111.D
 Acq: 4 Aug 2018 2:46

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	65.1	50.4	90.4
272	13.2	0.0	31.8

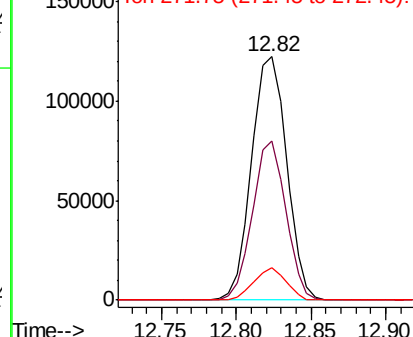
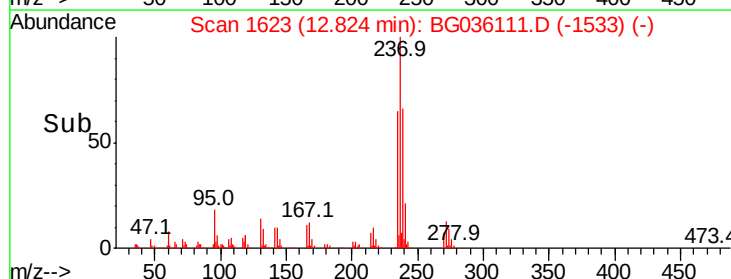


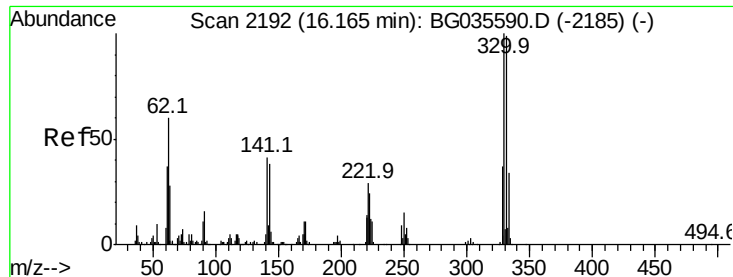
Abundance

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: 177.479 ng

RT: 16.14 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG036111.D

Acq: 4 Aug 2018 2:46

Instrument :

BNA_G

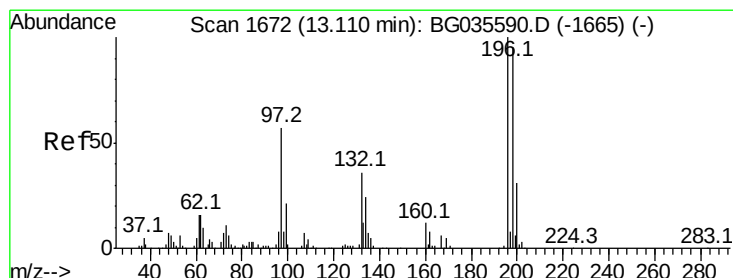
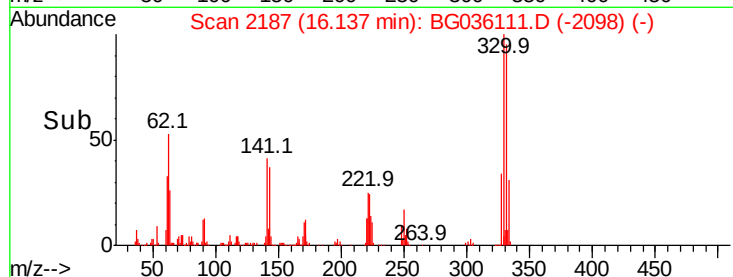
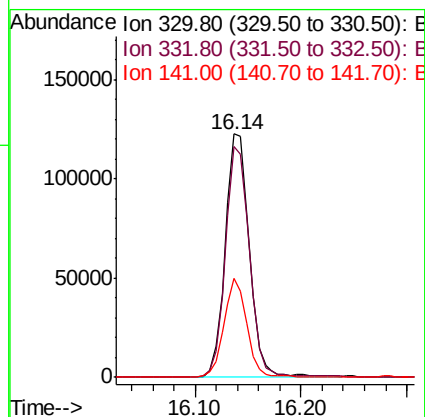
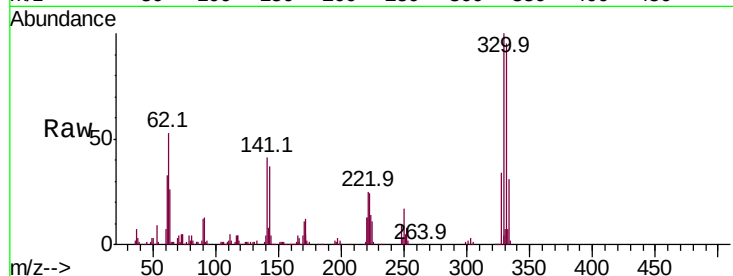
ClientSampleId :

C-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	194430		
332	95.3	77.0	115.6	
141	38.6	25.2	37.8#	

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#42

2,4,6-Trichlorophenol

Concen: 58.305 ng

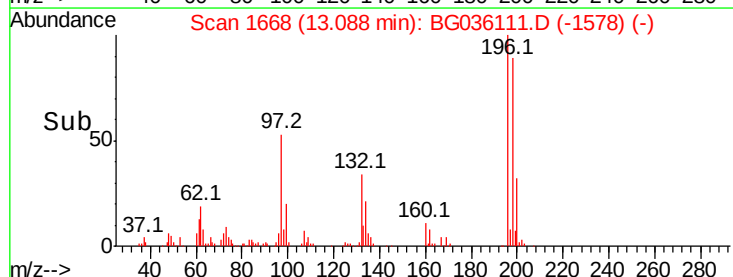
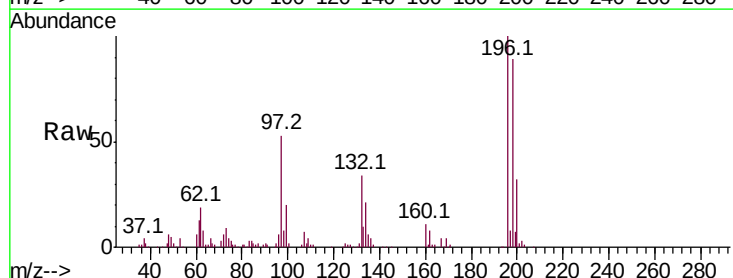
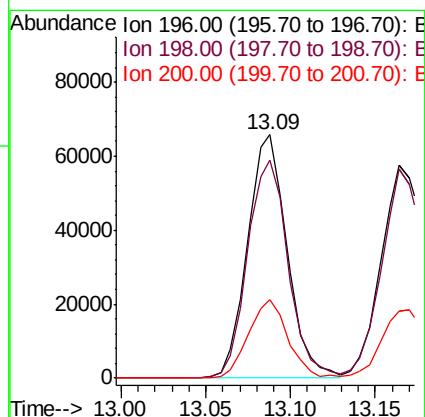
RT: 13.09 min Scan# 1668

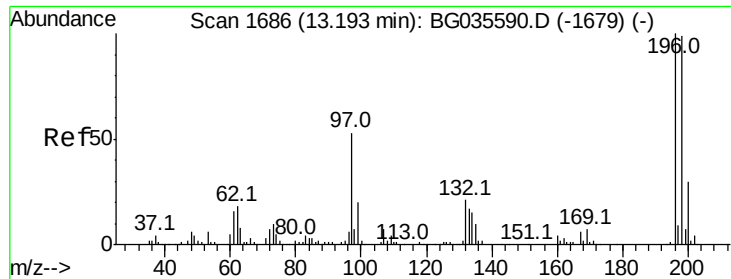
Delta R.T. 0.00 min

Lab File: BG036111.D

Acq: 4 Aug 2018 2:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	106964		
198	89.5	78.2	117.2	
200	32.1	24.6	36.8	





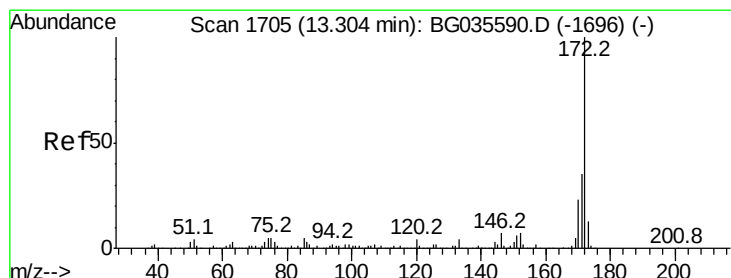
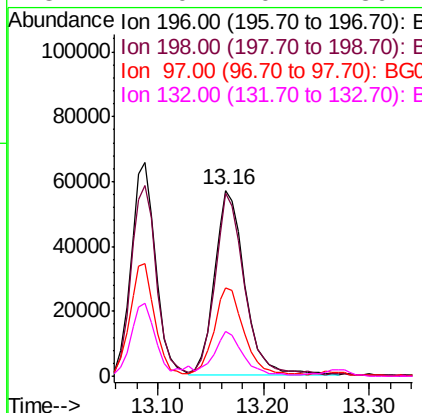
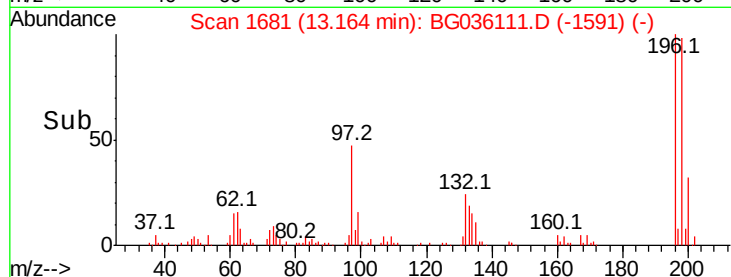
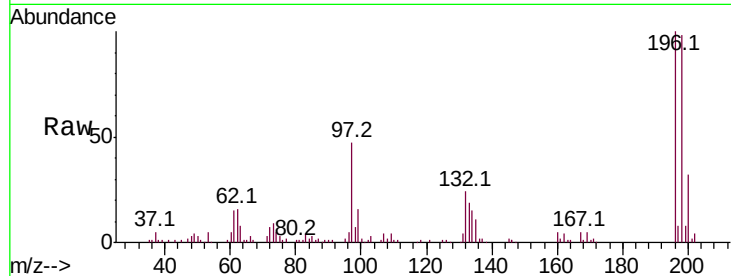
#43
 2,4,5-Trichlorophenol
 Concen: 55.335 ng
 RT: 13.16 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: BG036111.D
 Acq: 4 Aug 2018 2:46

Instrument :
 BNA_G
 ClientSampled :
 C-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	113565		
198	98.4	76.2	114.4	
97	47.5	38.7	58.1	
132	24.0	20.2	30.2	

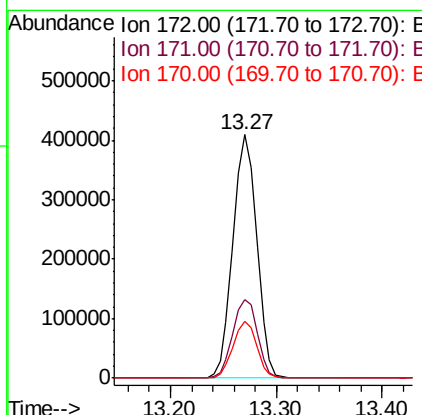
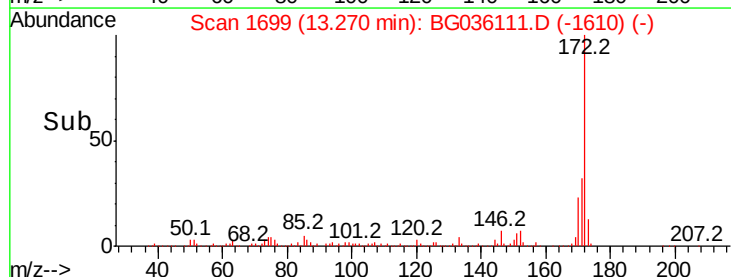
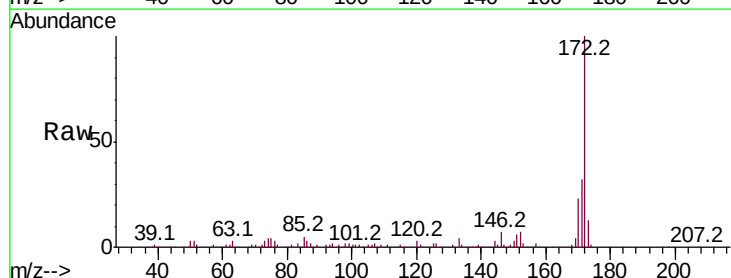
Manual Integrations
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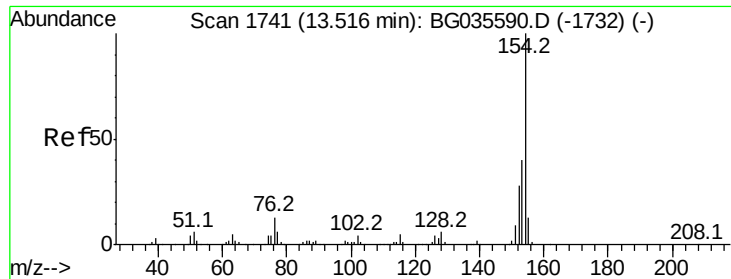
Sohil
 8/6/2018 9:57:55 AM



#44
 2-Fluorobiphenyl
 Concen: 102.585 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG036111.D
 Acq: 4 Aug 2018 2:46

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	636421		
171	32.3	30.0	45.0	
170	23.4	19.5	29.3	





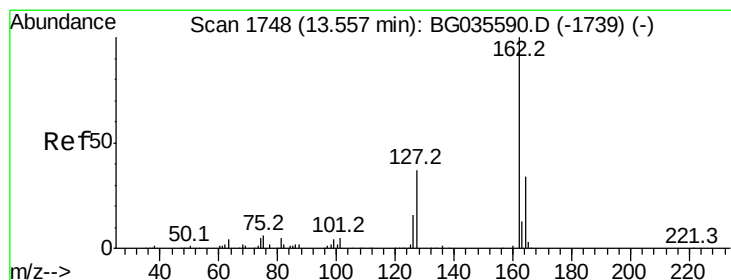
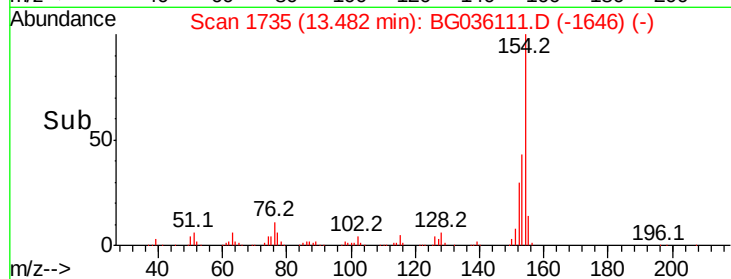
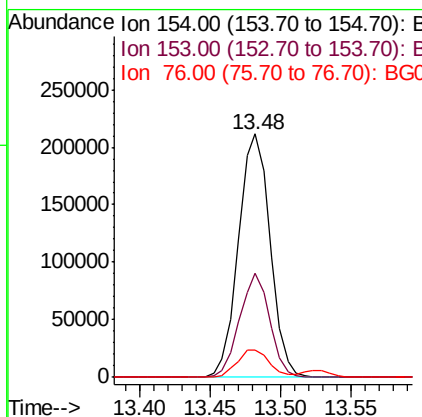
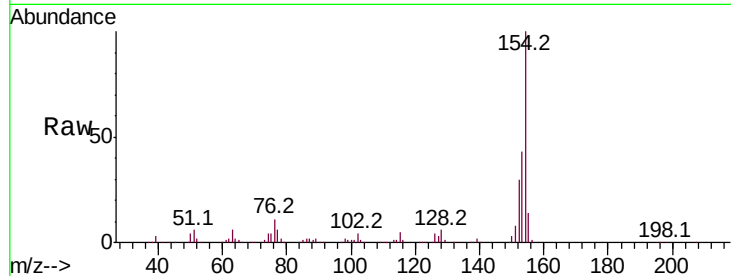
#45
 1,1'-Biphenyl
 Concen: 51.520 ng
 RT: 13.48 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG036111.D
 Acq: 4 Aug 2018 2:46

Instrument :
 BNA_G
 ClientSampleId :
 C-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	42.7	19.8	59.8	
76	11.2	0.0	31.9	

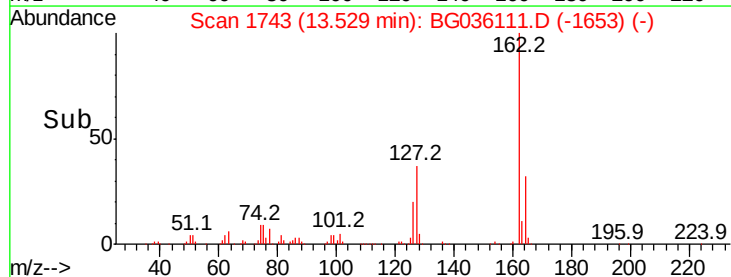
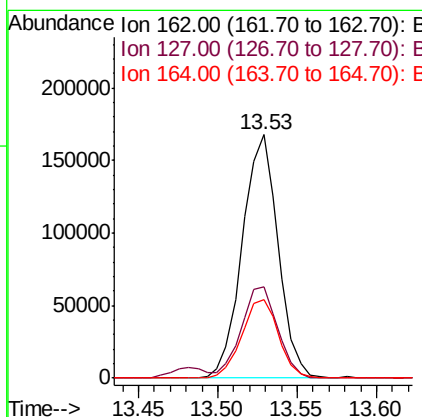
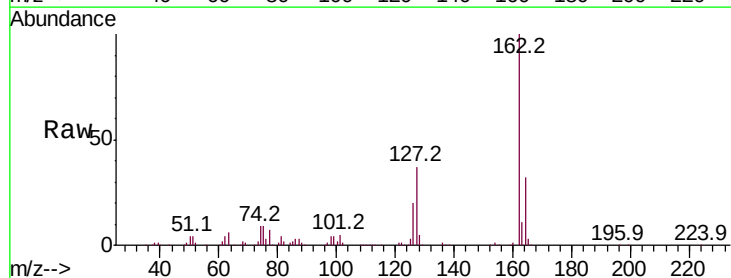
Manual Integrations
 APPROVED

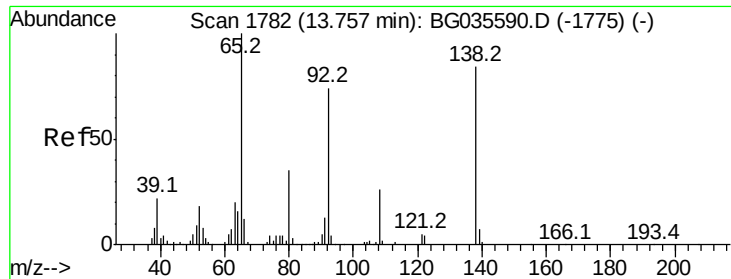
Sohil
 8/6/2018 9:57:55 AM



#46
 2-Chloronaphthalene
 Concen: 52.493 ng
 RT: 13.53 min Scan# 1743
 Delta R.T. 0.00 min
 Lab File: BG036111.D
 Acq: 4 Aug 2018 2:46

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	37.3	30.7	46.1	
164	32.1	26.0	39.0	





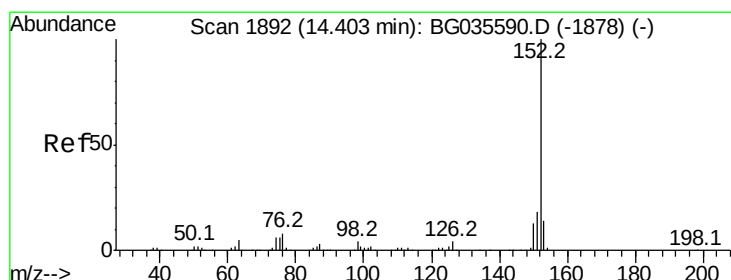
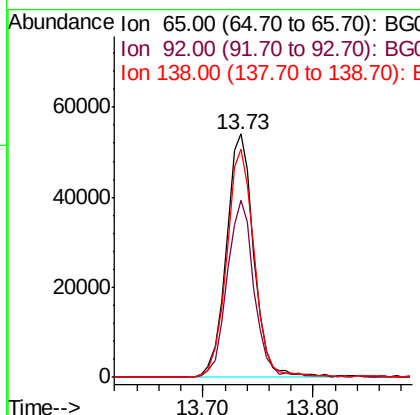
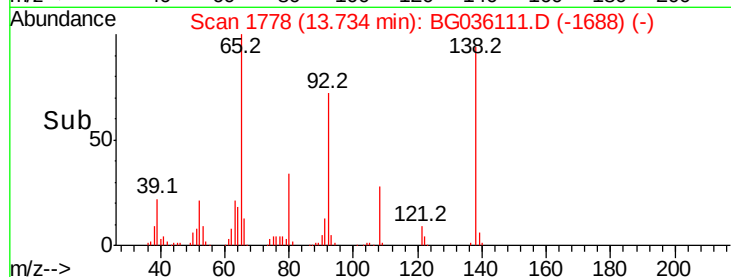
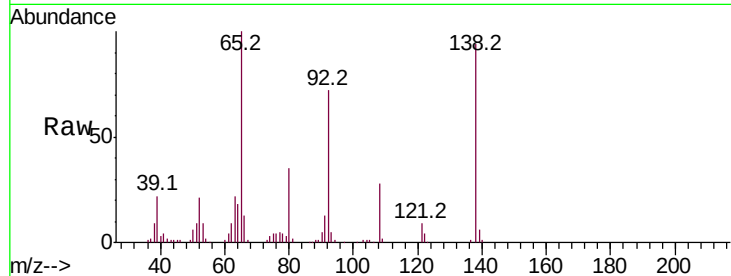
#47
2-Nitroaniline
Concen: 52.984 ng
RT: 13.73 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BG036111.D
Acq: 4 Aug 2018 2:46

Instrument :
BNA_G
ClientSampleId :
C-1MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.5	54.6	82.0
138	93.9	72.9	109.3

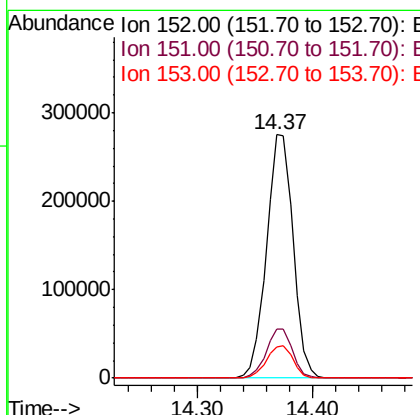
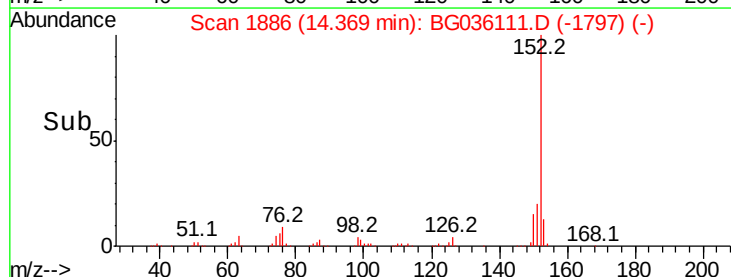
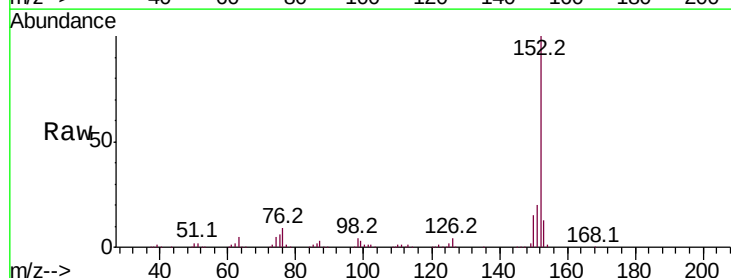
Manual Integrations
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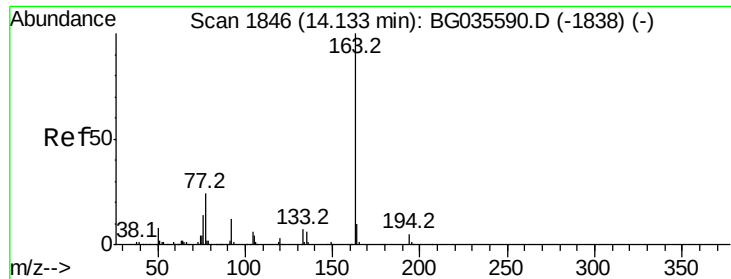
Sohil
8/6/2018 9:57:55 AM



#48
Acenaphthylene
Concen: 52.748 ng
RT: 14.37 min Scan# 1886
Delta R.T. -0.01 min
Lab File: BG036111.D
Acq: 4 Aug 2018 2:46

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	17.2	25.8
153	12.8	10.2	15.4





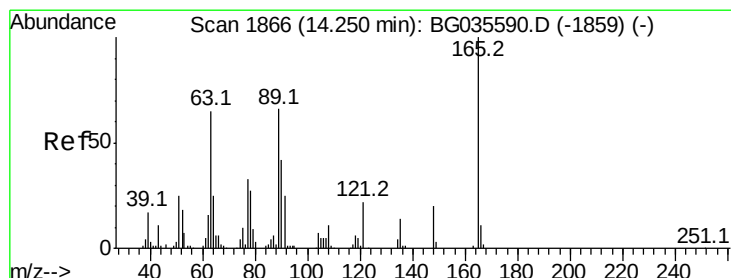
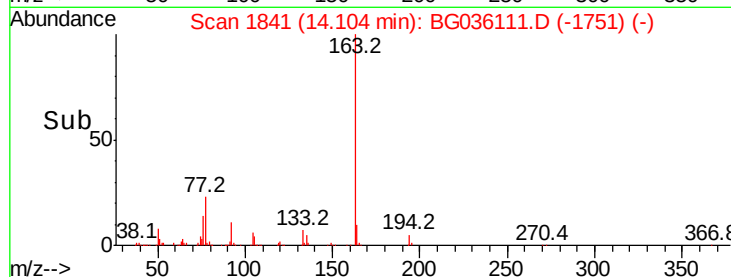
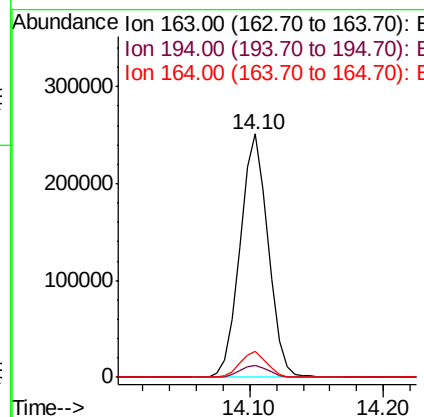
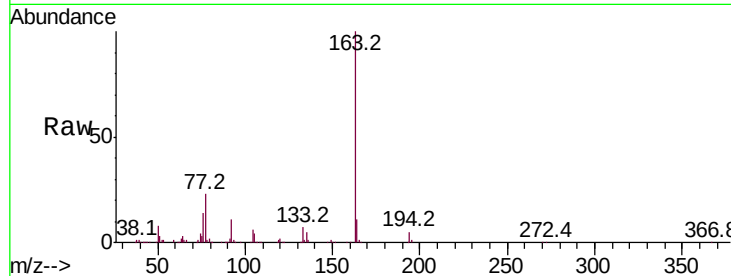
#49
Dimethylphthalate
Concen: 50.106 ng
RT: 14.10 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BG036111.D
Acq: 4 Aug 2018 2:46

Instrument :
BNA_G
ClientSampleId :
C-1MSD

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	5.0	3.4	5.2
164	10.6	8.2	12.4

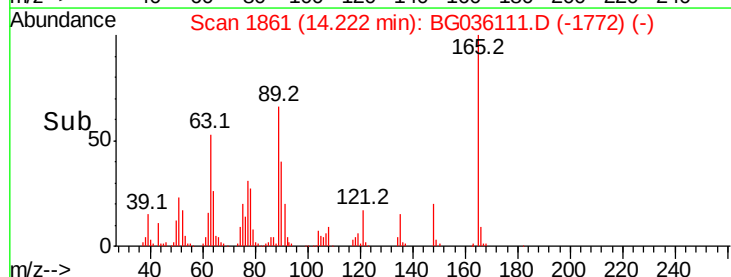
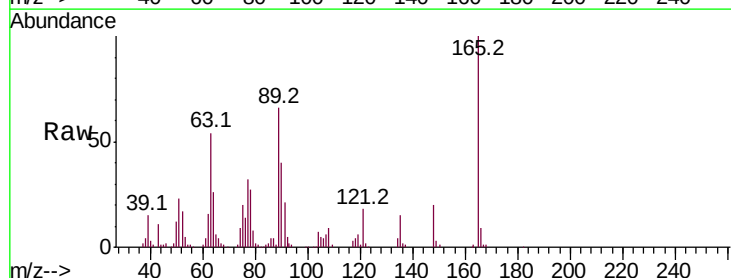
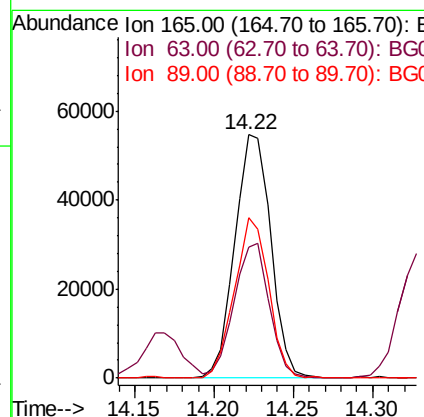
Manual Integrations
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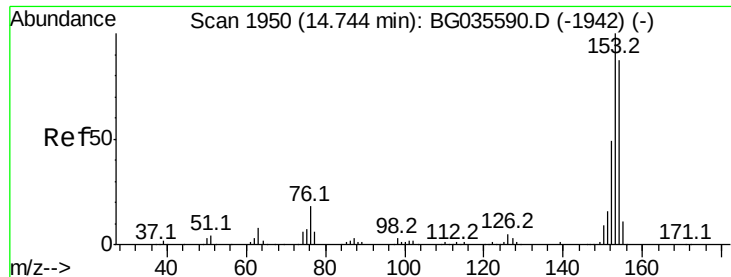
Sohil
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#50
2,6-Dinitrotoluene
Concen: 58.076 ng
RT: 14.22 min Scan# 1861
Delta R.T. -0.01 min
Lab File: BG036111.D
Acq: 4 Aug 2018 2:46

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	53.7	52.7	79.1
89	66.1	49.2	73.8





#51

Acenaphthene

Concen: 49.862 ng

RT: 14.72 min Scan# 1945

Delta R.T. 0.00 min

Lab File: BG036111.D

Acq: 4 Aug 2018 2:46

Instrument :

BNA_G

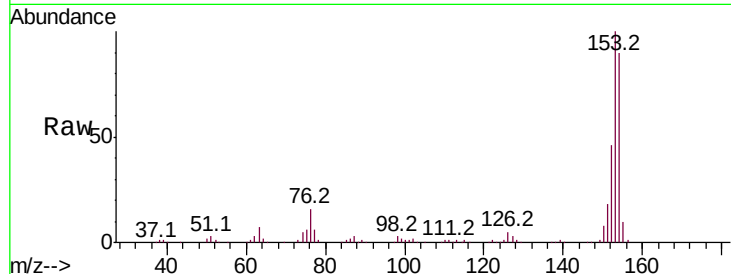
ClientSampled :

C-1MSD

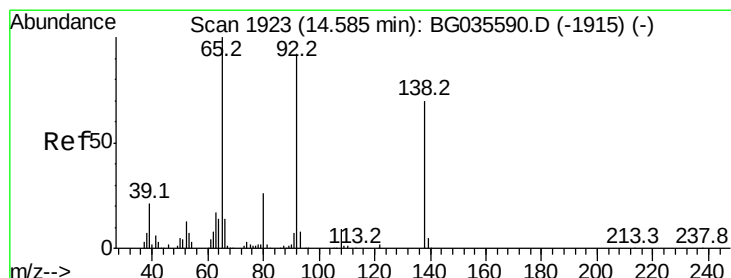
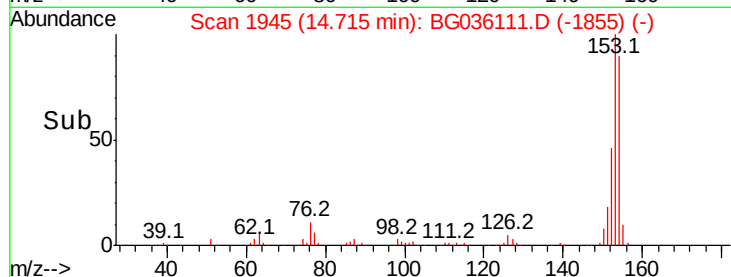
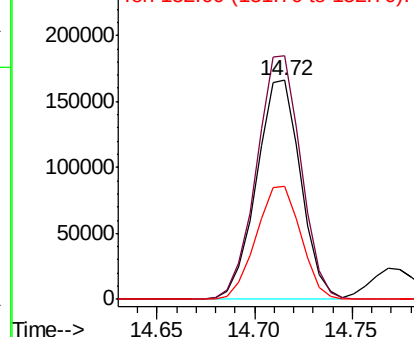
Tot Ion	Ratio	Lower	Upper
154	100		
153	111.2	90.4	135.6
152	51.5	41.6	62.4

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



#52

3-Nitroaniline

Concen: 21.136 ng

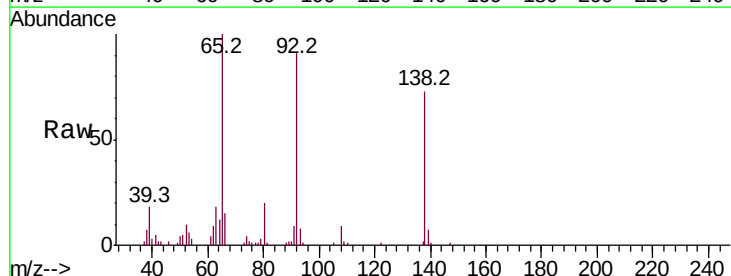
RT: 14.56 min Scan# 1918

Delta R.T. -0.01 min

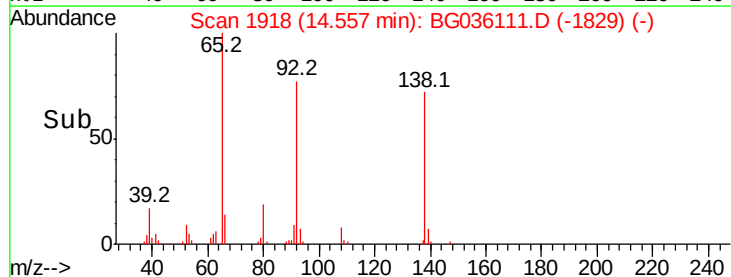
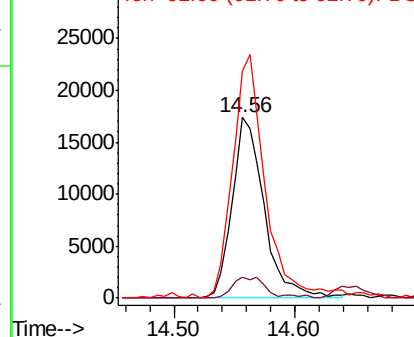
Lab File: BG036111.D

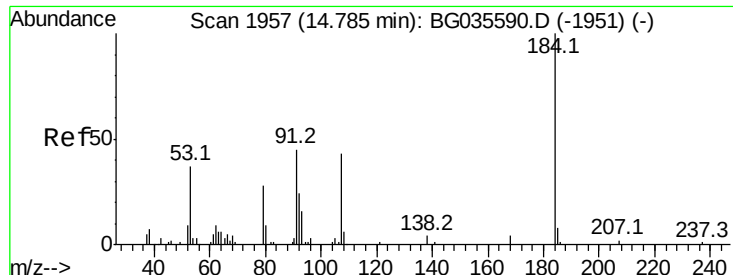
Acq: 4 Aug 2018 2:46

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.9	17.5	26.3#
92	125.6	105.8	158.8



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





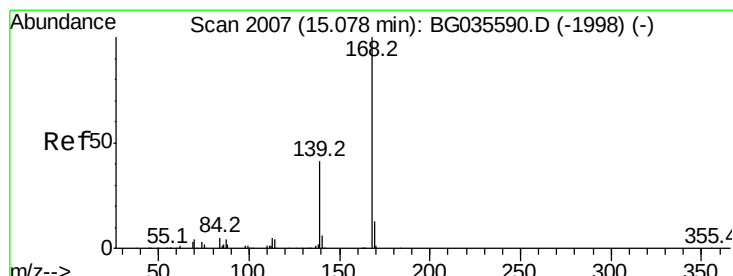
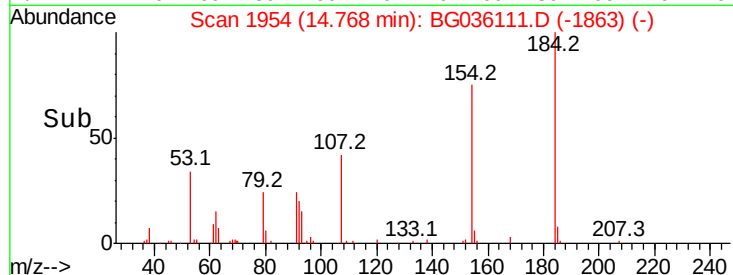
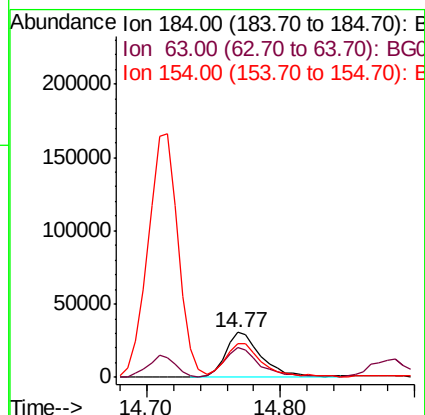
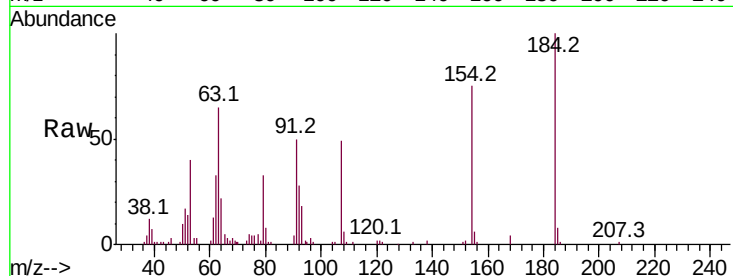
#53
2,4-Dinitrophenol
Concen: 76.955 ng
RT: 14.77 min Scan# 1954
Delta R.T. 0.01 min
Lab File: BG036111.D
Acq: 4 Aug 2018 2:46

Instrument :
BNA_G
ClientSampled :
C-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	65.5	59.8	89.8	
154	75.2	101.8	152.8	

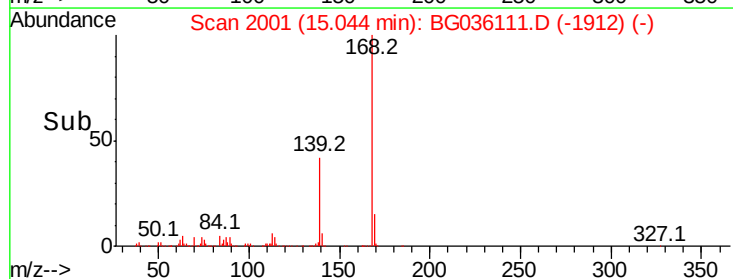
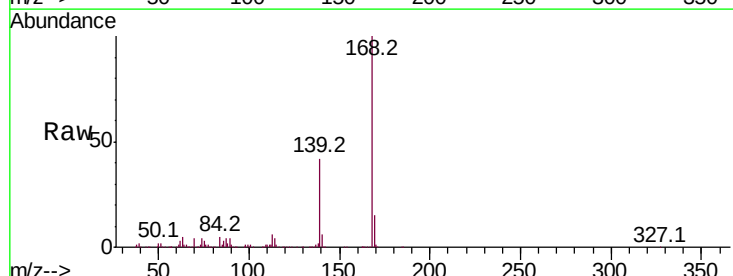
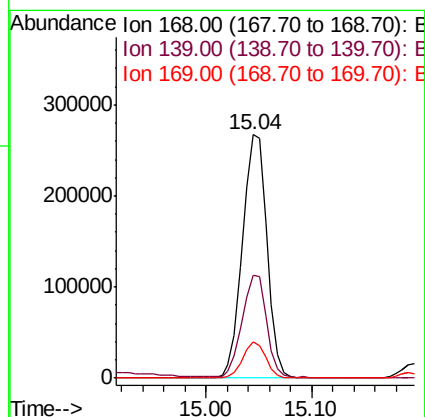
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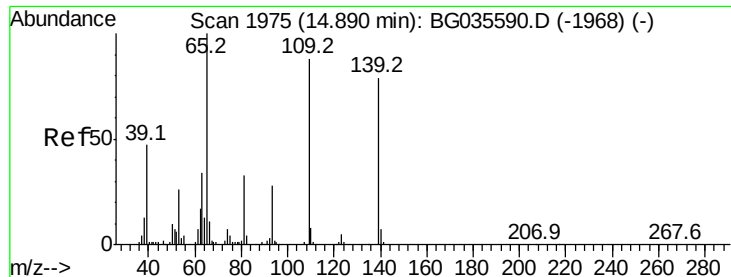
Sohil
8/6/2018 9:57:55 AM



#54
Dibenzofuran
Concen: 51.469 ng
RT: 15.04 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BG036111.D
Acq: 4 Aug 2018 2:46

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	42.0	28.6	43.0	
169	14.8	11.2	16.8	





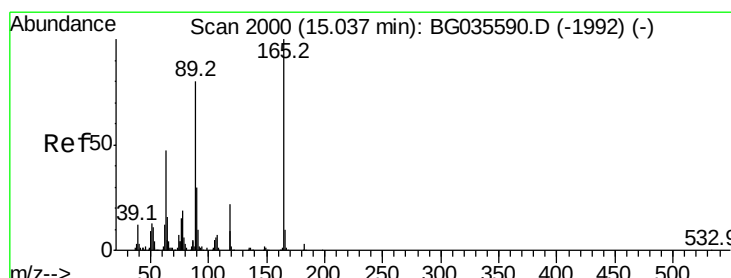
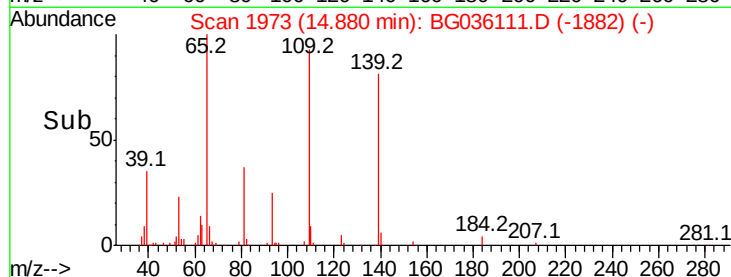
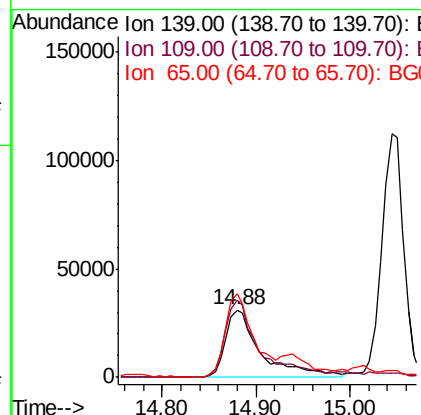
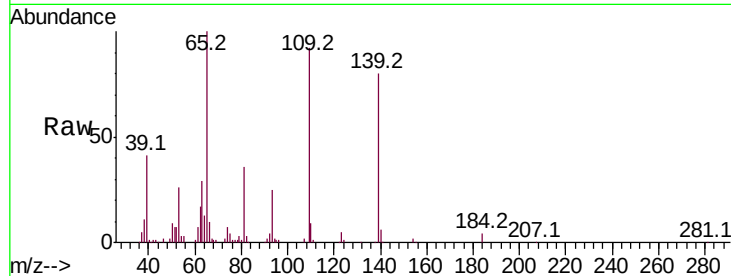
#55
4-Nitrophenol
Concen: 76.398 ng
RT: 14.88 min Scan# 1973
Delta R.T. 0.01 min
Lab File: BG036111.D
Acq: 4 Aug 2018 2:46

Instrument :
BNA_G
ClientSampled :
C-1MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	114.5	62.2	102.2#
65	124.9	97.2	137.2

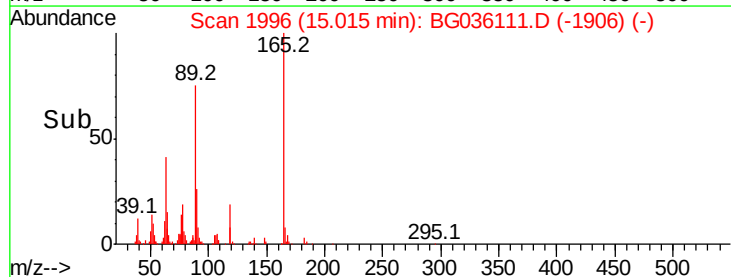
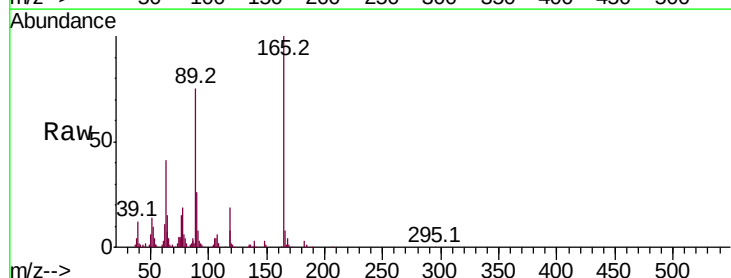
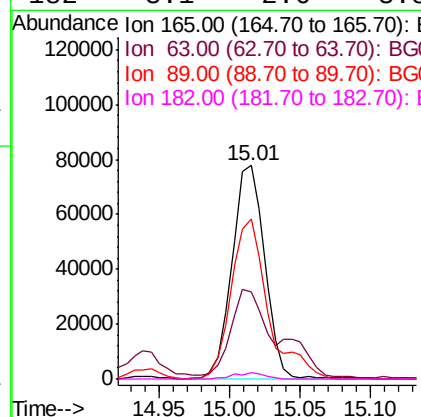
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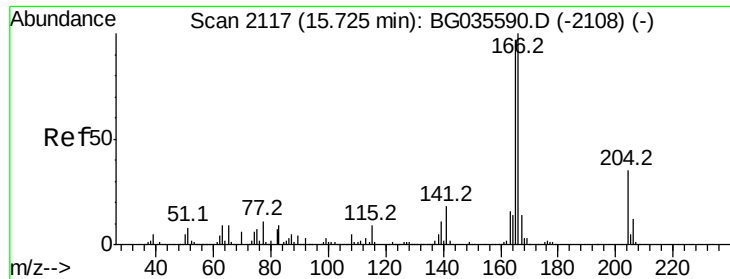
Sohil
8/6/2018 9:57:55 AM



#56
2,4-Dinitrotoluene
Concen: 59.100 ng
RT: 15.01 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BG036111.D
Acq: 4 Aug 2018 2:46

Tgt Ion	Ratio	Lower	Upper
165	100		
63	40.6	42.0	63.0#
89	74.9	66.9	100.3
182	3.1	2.6	3.8





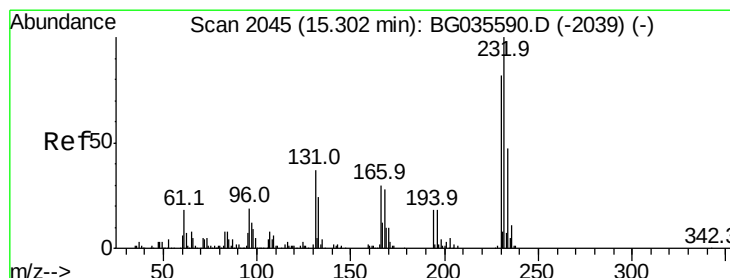
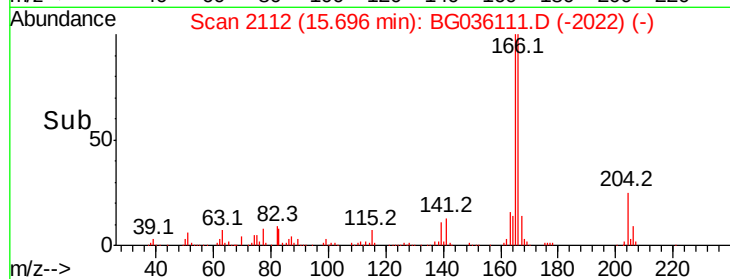
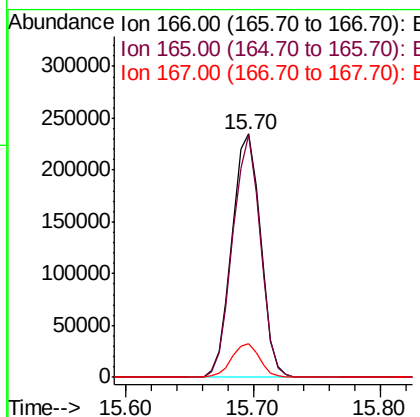
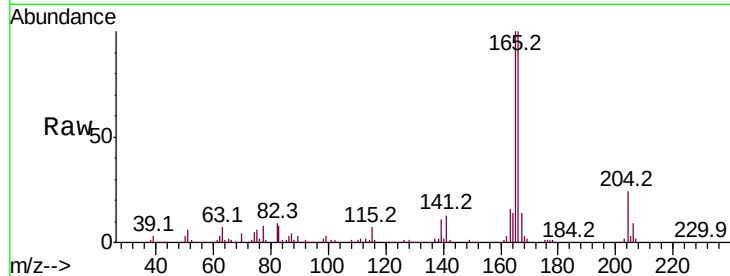
#57
Fluorene
 Concen: 52.685 ng
 RT: 15.70 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: BG036111.D
 Acq: 4 Aug 2018 2:46

Instrument :
 BNA_G
 ClientSampleId :
 C-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	367310		
165	99.7	80.6	121.0	
167	13.8	10.4	15.6	

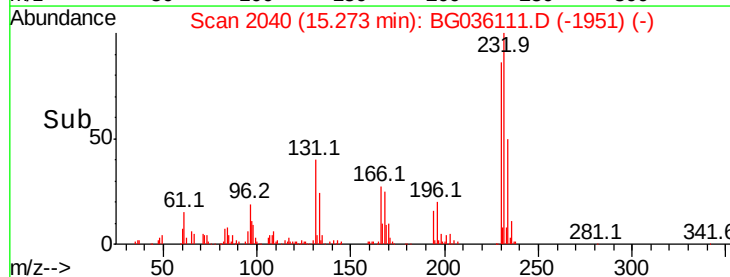
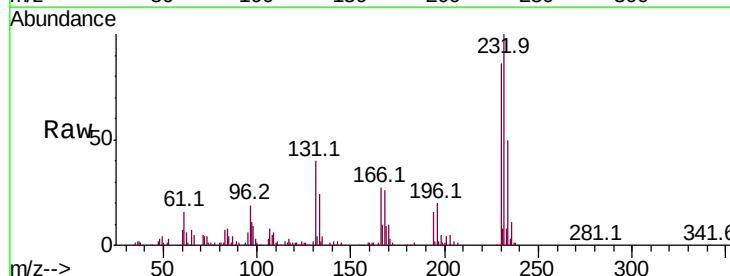
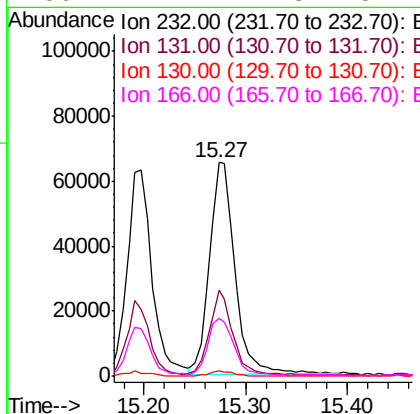
Manual Integrations
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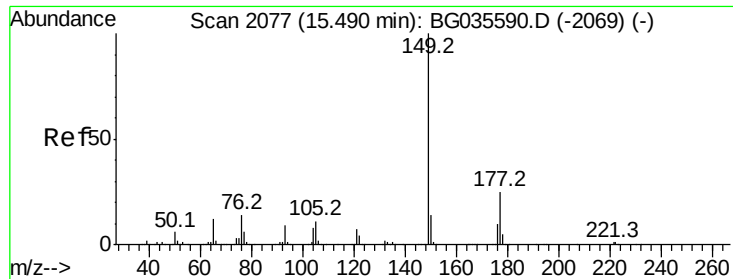
Sohil
 8/6/2018 9:57:55 AM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 58.153 ng
 RT: 15.27 min Scan# 2040
 Delta R.T. -0.01 min
 Lab File: BG036111.D
 Acq: 4 Aug 2018 2:46

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	114430		
131	36.7	33.5	50.3	
130	2.2	2.2	3.2	
166	27.1	24.8	37.2	





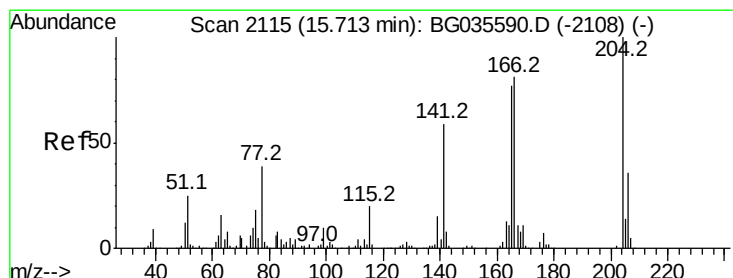
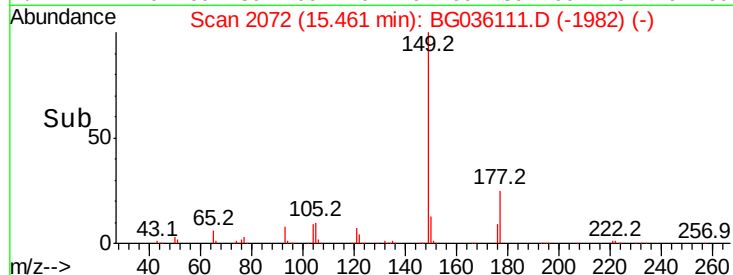
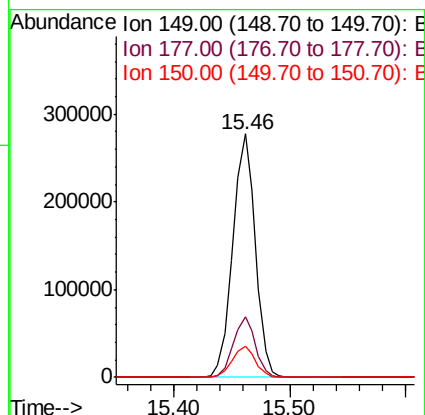
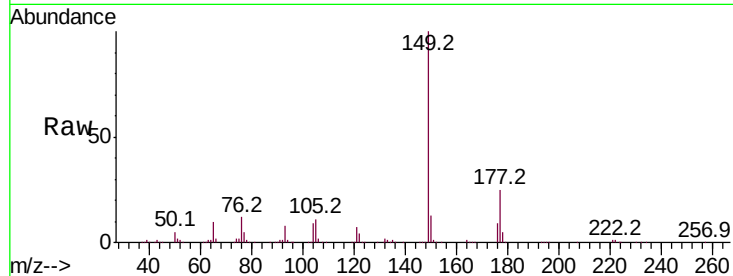
#59
Diethylphthalate
Concen: 49.904 ng
RT: 15.46 min Scan# 2072
Delta R.T. 0.00 min
Lab File: BG036111.D
Acq: 4 Aug 2018 2:46

Instrument :
BNA_G
ClientSampleId :
C-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	373672		
177	24.8	18.5	27.7	
150	12.8	10.2	15.2	

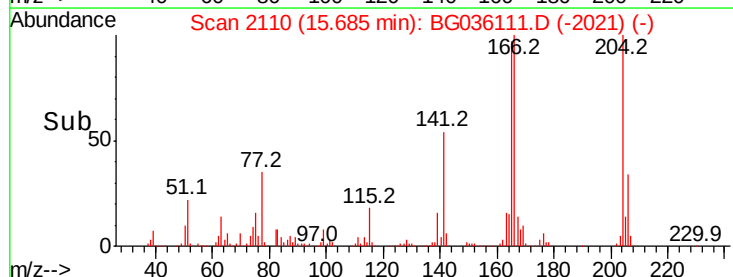
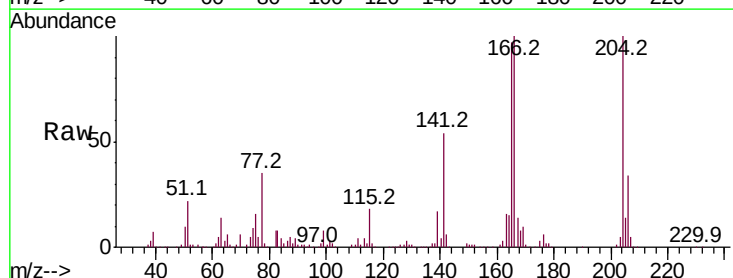
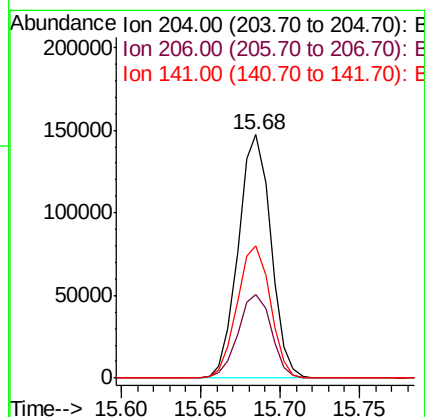
Manual Integrations
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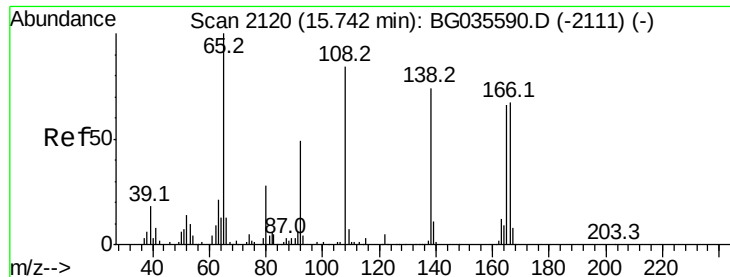
Sohil
8/6/2018 9:57:55 AM



#60
4-Chlorophenyl-phenylether
Concen: 51.307 ng
RT: 15.68 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BG036111.D
Acq: 4 Aug 2018 2:46

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	210240		
206	34.2	26.2	39.2	
141	54.4	45.8	68.6	





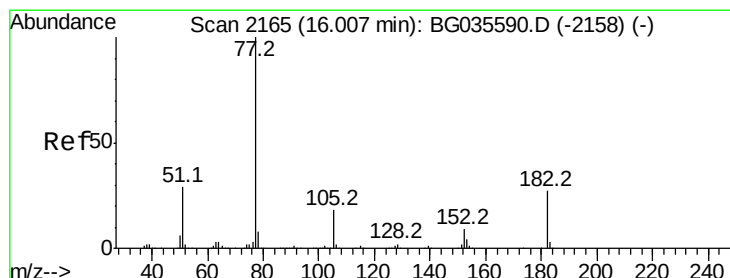
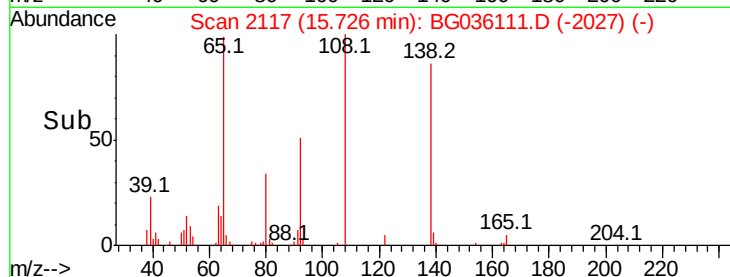
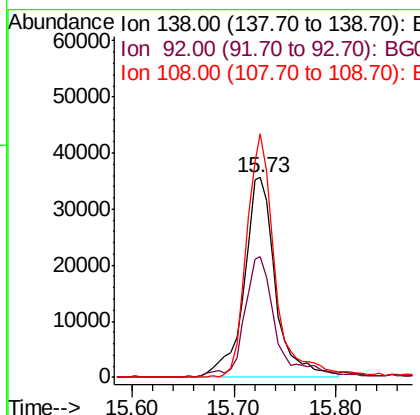
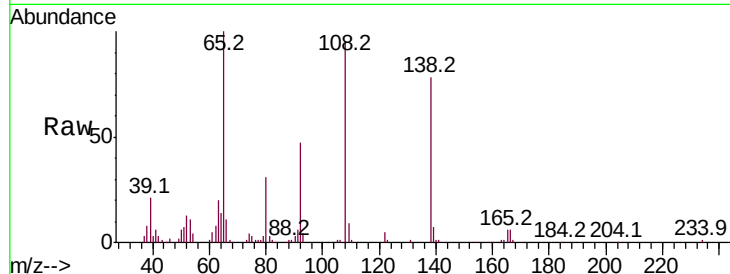
#61
4-Nitroaniline
Concen: 48.148 ng
RT: 15.73 min Scan# 2117
Delta R.T. 0.00 min
Lab File: BG036111.D
Acq: 4 Aug 2018 2:46

Instrument :
BNA_G
ClientSampled :
C-1MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	60.4	40.1	80.1
108	121.8	65.4	105.4

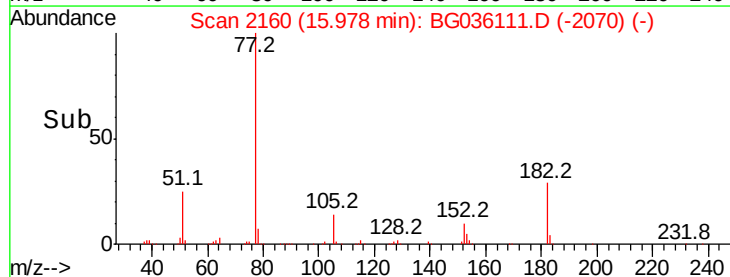
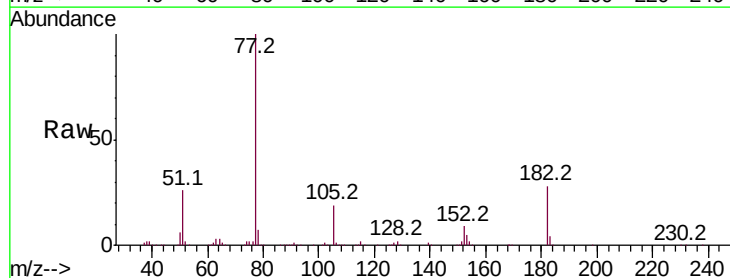
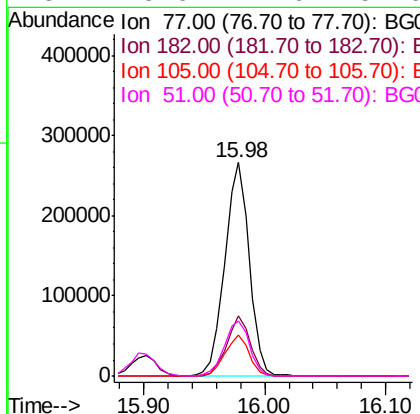
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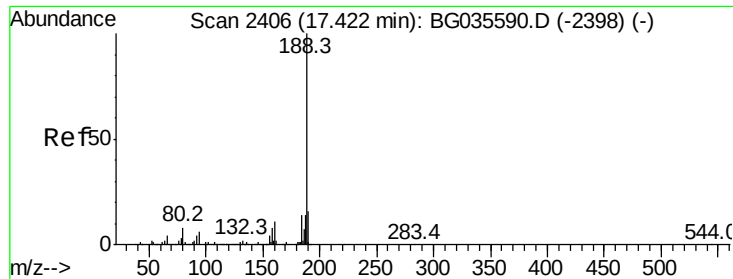
Sohil
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#62
Azobenzene
Concen: 50.201 ng
RT: 15.98 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BG036111.D
Acq: 4 Aug 2018 2:46

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.0	7.4	47.4
105	19.1	0.3	40.3
51	25.6	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2401

Delta R.T. 0.00 min

Lab File: BG036111.D

Acq: 4 Aug 2018 2:46

Instrument :

BNA_G

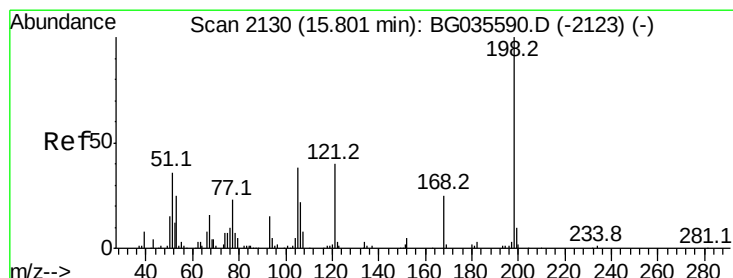
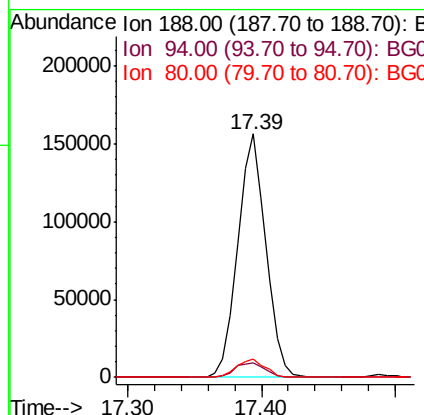
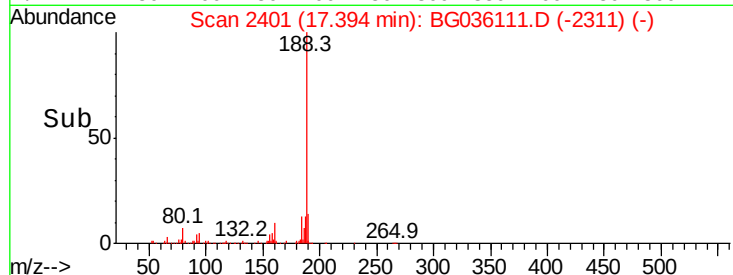
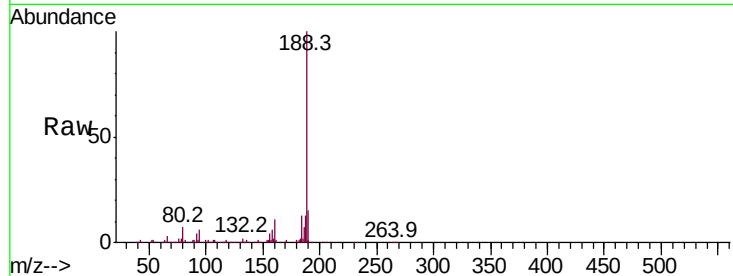
ClientSampleId :

C-1MSD

Tot Ion:188	Resp:	227590
Ion Ratio	Lower	Upper
188 100		
94 6.0	6.9	10.3#
80 7.3	7.7	11.5#

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#64

4,6-Dinitro-2-methylphenol

Concen: 47.875 ng

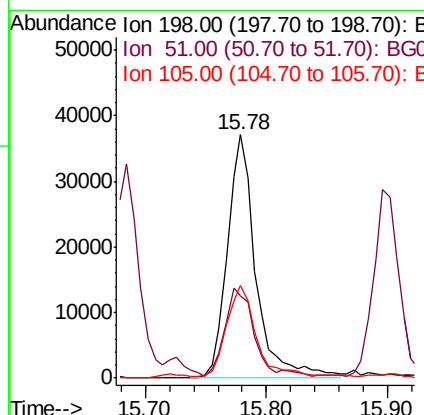
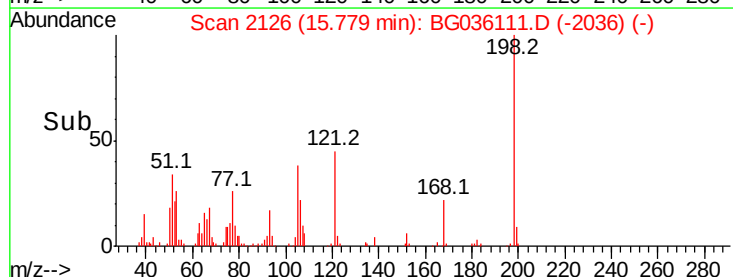
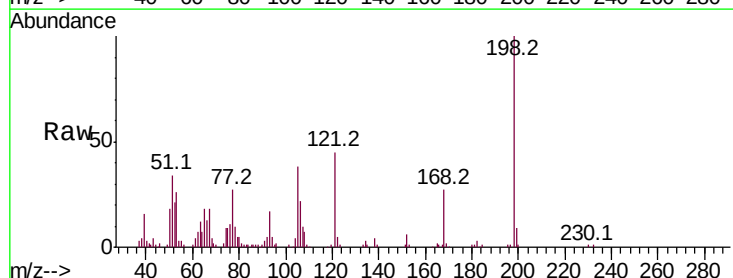
RT: 15.78 min Scan# 2126

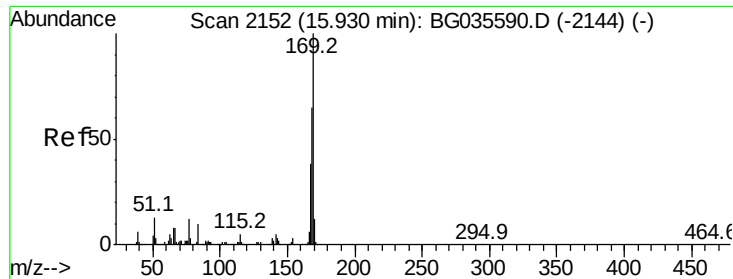
Delta R.T. 0.00 min

Lab File: BG036111.D

Acq: 4 Aug 2018 2:46

Tgt Ion:198	Resp:	60654
Ion Ratio	Lower	Upper
198 100		
51 33.7	30.6	70.6
105 37.9	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 49.080 ng

RT: 15.90 min Scan# 2147

Delta R.T. 0.00 min

Lab File: BG036111.D

Acq: 4 Aug 2018 2:46

Instrument :

BNA_G

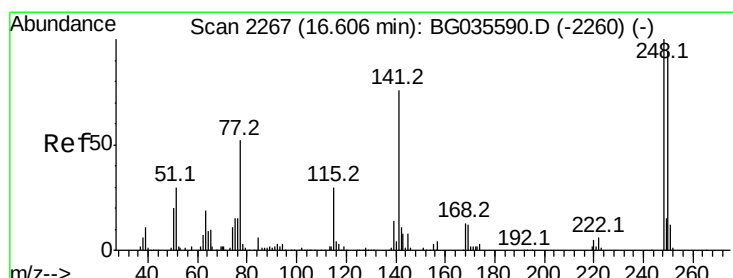
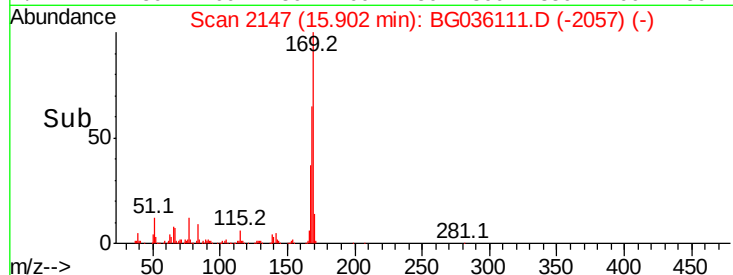
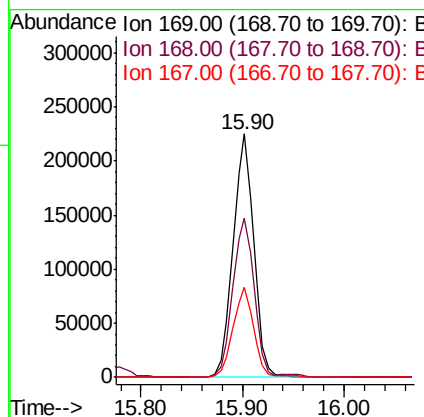
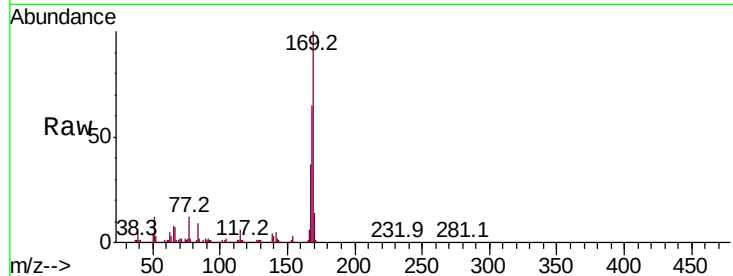
ClientSampleId :

C-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	65.4	55.7	83.5	
167	36.9	30.1	45.1	

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#66

4-Bromophenyl-phenylether

Concen: 54.607 ng

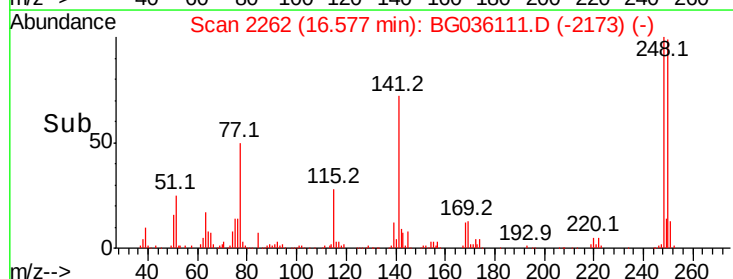
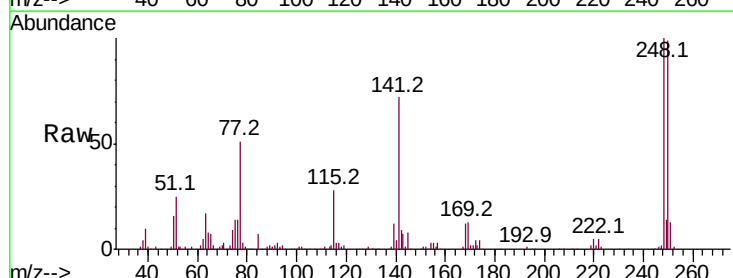
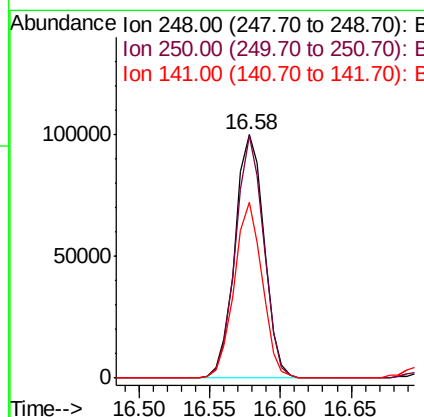
RT: 16.58 min Scan# 2262

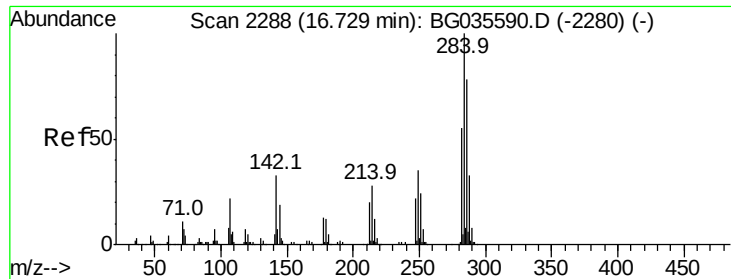
Delta R.T. -0.01 min

Lab File: BG036111.D

Acq: 4 Aug 2018 2:46

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	99.3	77.1	115.7	
141	72.4	50.8	76.2	





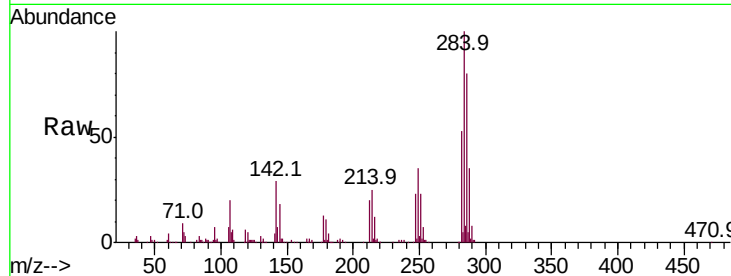
#67
Hexachlorobenzene
Concen: 53.879 ng
RT: 16.70 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BG036111.D
Acq: 4 Aug 2018 2:46

Instrument :
BNA_G
ClientSampled :
C-1MSD

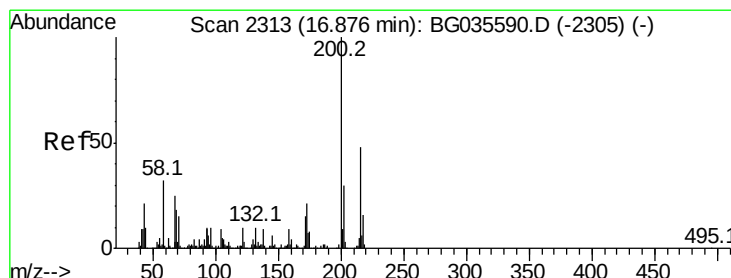
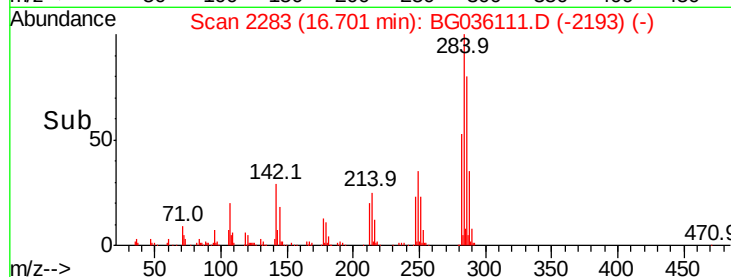
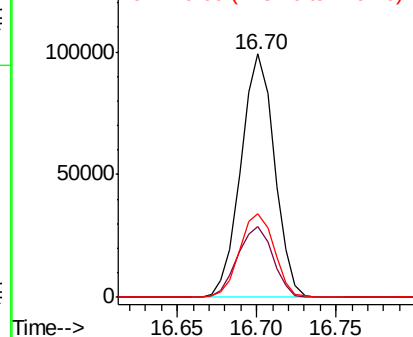
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	29.1	26.8	40.2	
249	34.6	26.3	39.5	

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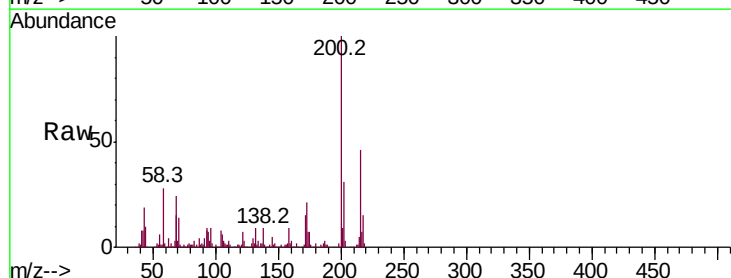


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

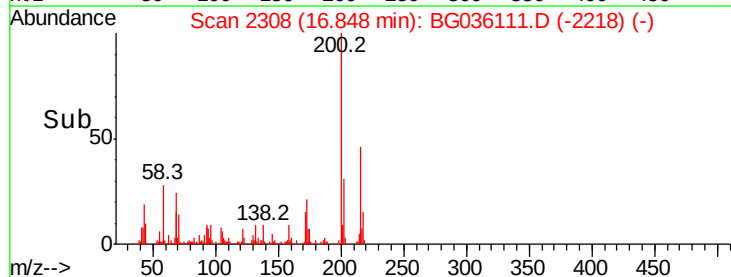
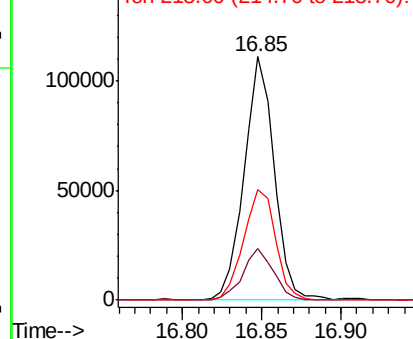


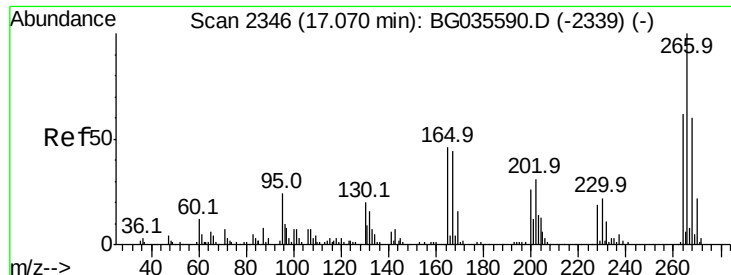
#68
Atrazine
Concen: 54.741 ng
RT: 16.85 min Scan# 2308
Delta R.T. 0.00 min
Lab File: BG036111.D
Acq: 4 Aug 2018 2:46

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	21.4	5.2	45.2	
215	45.6	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





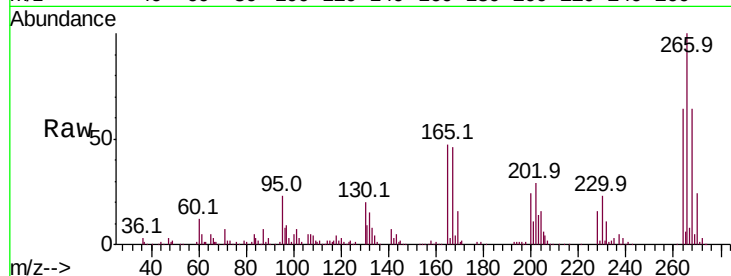
#69
 Pentachlorophenol
 Concen: 74.666 ng
 RT: 17.05 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: BG036111.D
 Acq: 4 Aug 2018 2:46

Instrument :
 BNA_G
 ClientSampled :
 C-1MSD

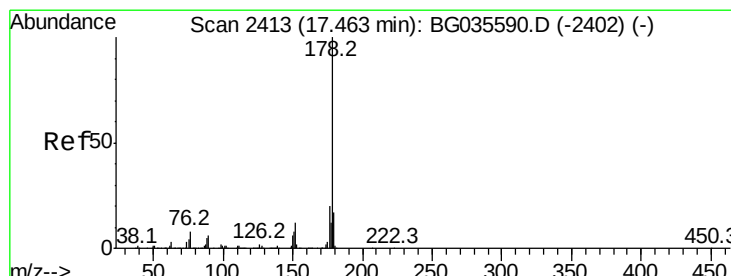
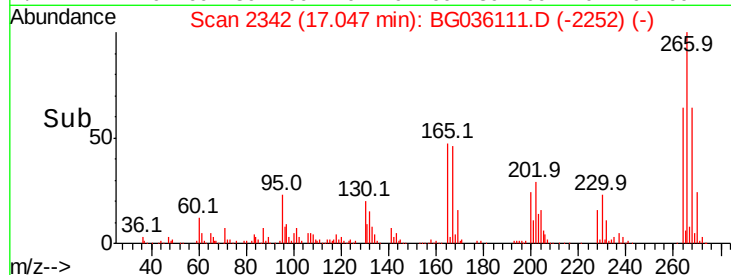
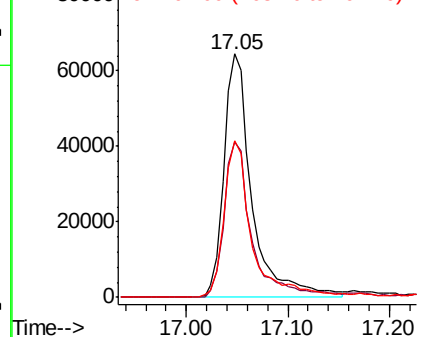
Tot Ion:	266	Resp:	123663
Ion Ratio	Lower	Upper	
266	100		
268	63.8	51.1	76.7
264	64.2	49.6	74.4

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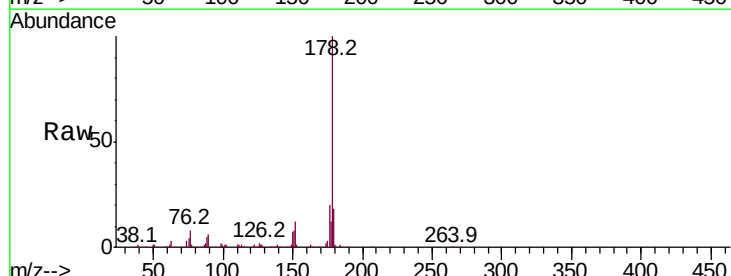


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

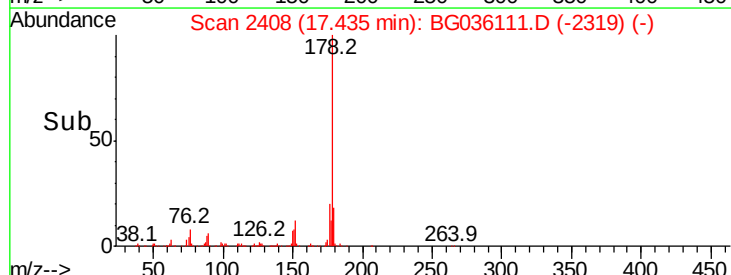
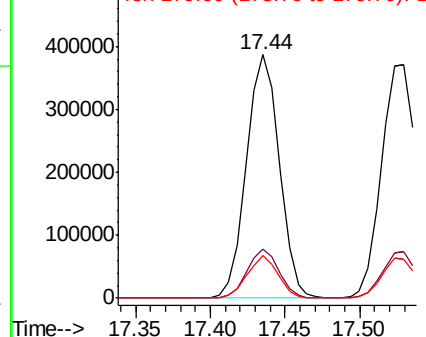


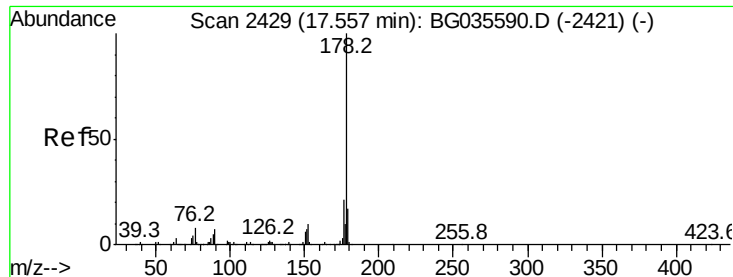
#70
 Phenanthrene
 Concen: 51.865 ng
 RT: 17.44 min Scan# 2408
 Delta R.T. -0.01 min
 Lab File: BG036111.D
 Acq: 4 Aug 2018 2:46

Tgt Ion:	178	Resp:	589000
Ion Ratio	Lower	Upper	
178	100		
176	20.1	15.7	23.5
179	17.7	12.5	18.7



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 52.641 ng

RT: 17.53 min Scan# 2424

Delta R.T. 0.00 min

Lab File: BG036111.D

Acq: 4 Aug 2018 2:46

Instrument :

BNA_G

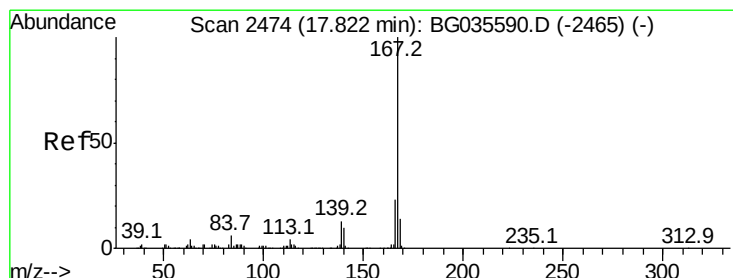
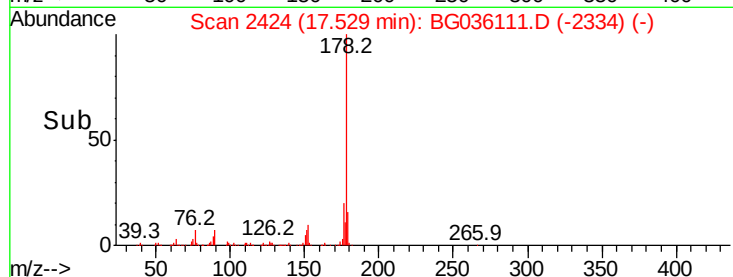
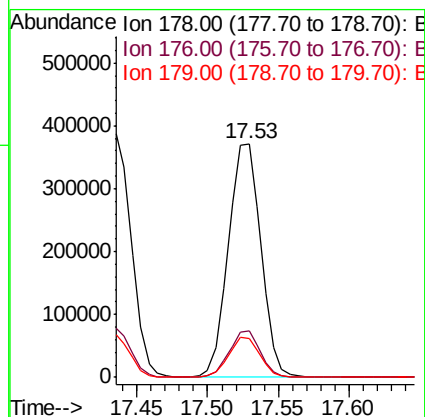
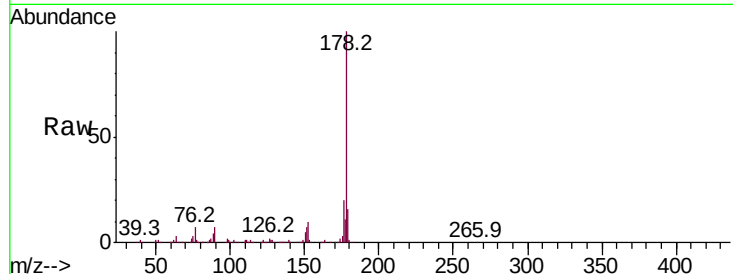
ClientSampled :

C-1MSD

Tot Ion:	178	Resp:	595252
Ion Ratio	Lower	Upper	
178	100		
176	19.9	16.0	24.0
179	16.5	12.5	18.7

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#72

Carbazole

Concen: 50.391 ng

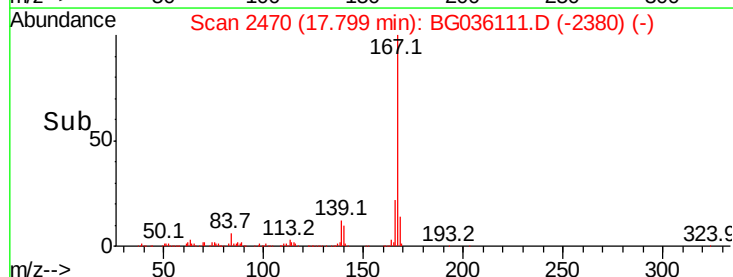
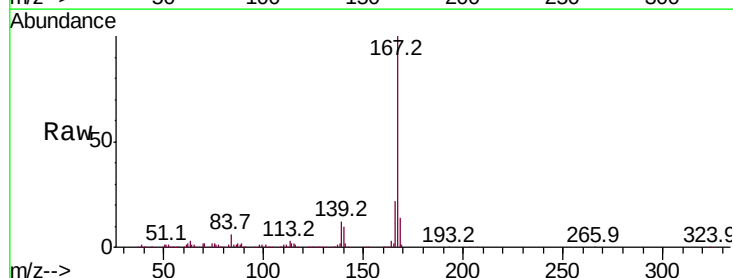
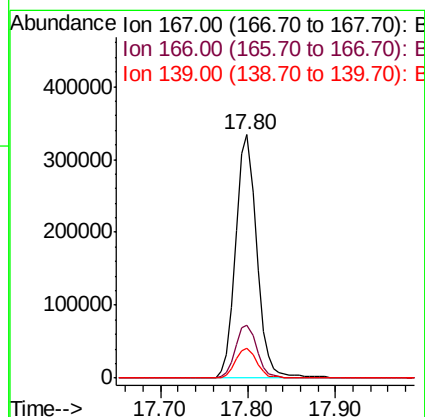
RT: 17.80 min Scan# 2470

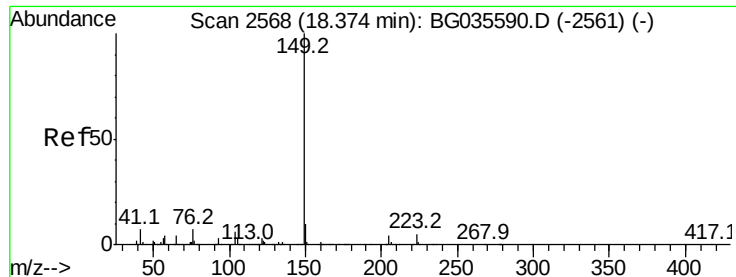
Delta R.T. 0.00 min

Lab File: BG036111.D

Acq: 4 Aug 2018 2:46

Tgt Ion:	167	Resp:	541136
Ion Ratio	Lower	Upper	
167	100		
166	21.9	18.2	27.4
139	12.0	9.4	14.2





#73

Di-n-butylphthalate

Concen: 49.068 ng

RT: 18.35 min Scan# 2563

Delta R.T. -0.01 min

Lab File: BG036111.D

Acq: 4 Aug 2018 2:46

Instrument :

BNA_G

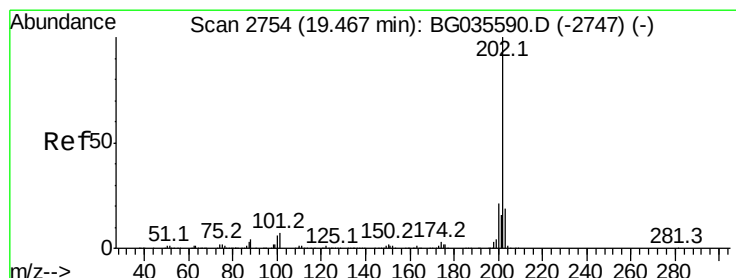
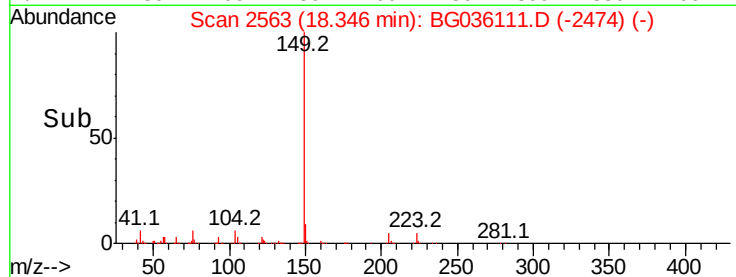
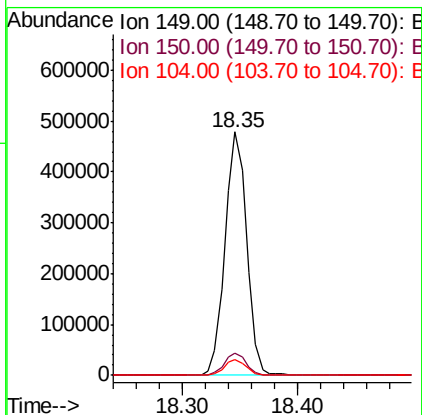
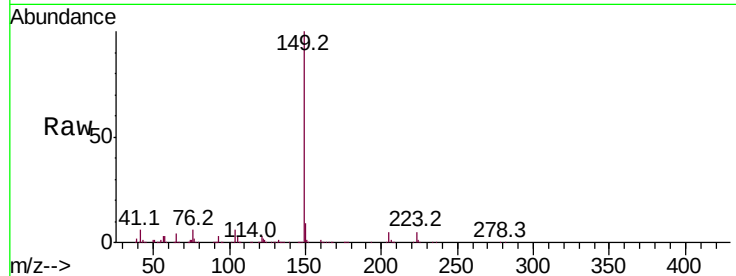
ClientSampleId :

C-1MSD

Tot Ion:	149	Resp:	622694
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.8	11.6
104	6.4	3.9	5.9#

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#74

Fluoranthene

Concen: 50.727 ng

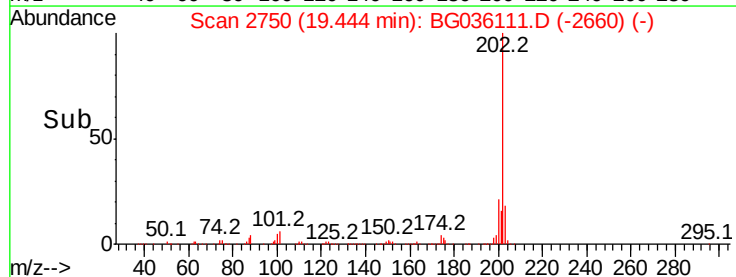
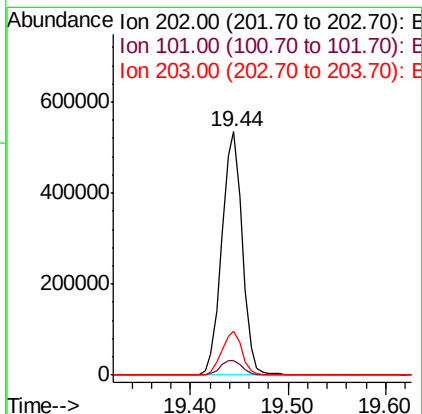
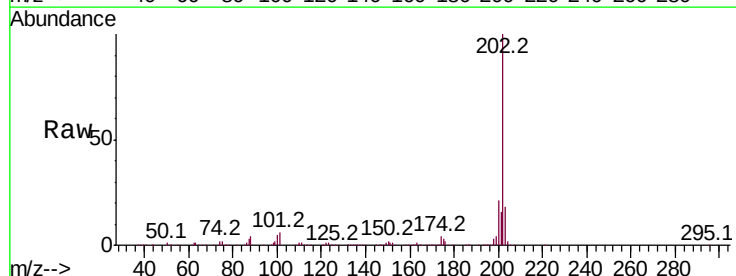
RT: 19.44 min Scan# 2750

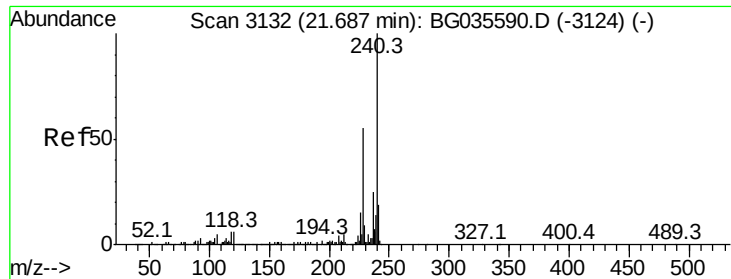
Delta R.T. 0.00 min

Lab File: BG036111.D

Acq: 4 Aug 2018 2:46

Tgt Ion:	202	Resp:	775958
Ion Ratio	Lower	Upper	
202	100		
101	5.9	0.0	28.9
203	18.2	0.0	37.5





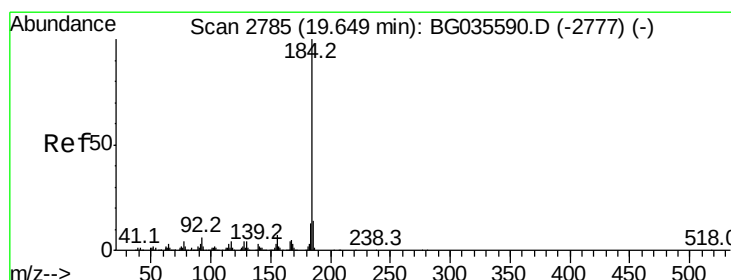
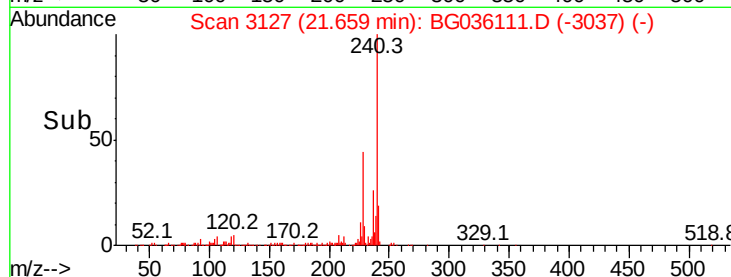
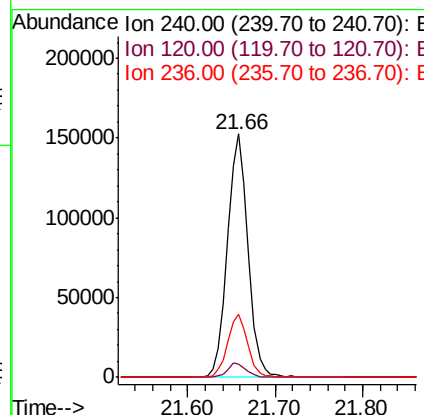
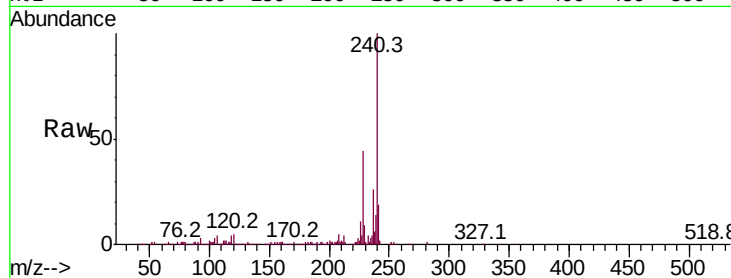
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.66 min Scan# 3127
 Delta R.T. 0.00 min
 Lab File: BG036111.D
 Acq: 4 Aug 2018 2:46

Instrument :
 BNA_G
 ClientSampleId :
 C-1MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	5.4	6.8	10.2#
236	25.8	20.9	31.3

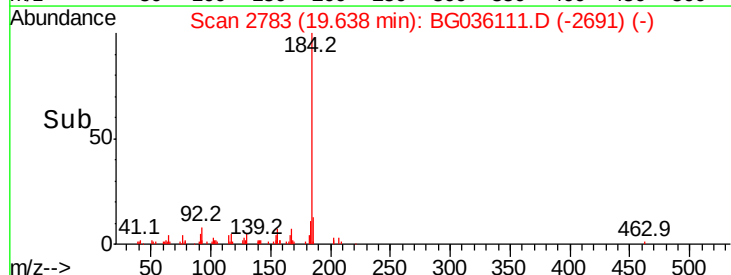
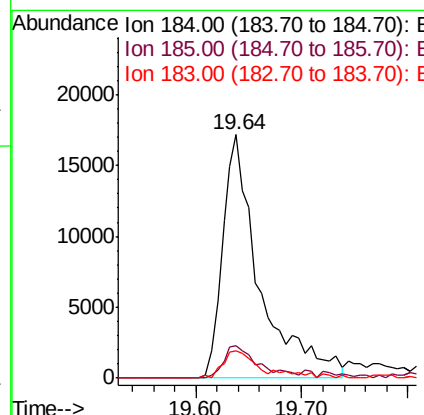
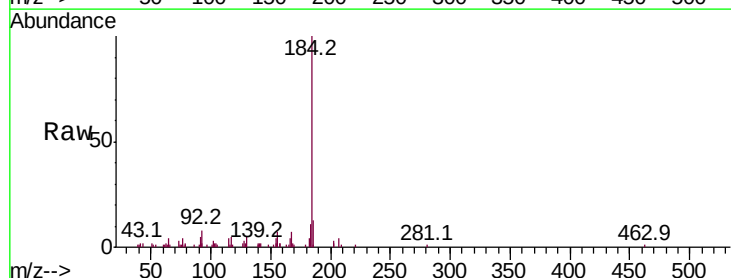
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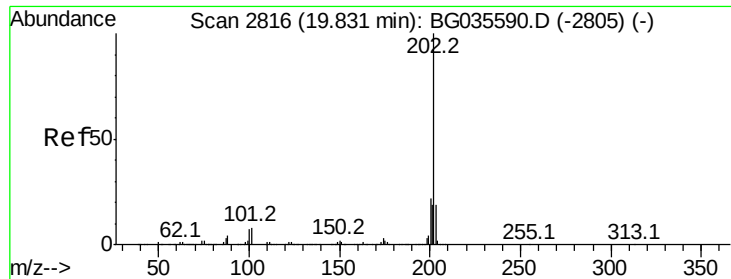
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#76
 Benzidine
 Concen: 6.437 ng
 RT: 19.64 min Scan# 2783
 Delta R.T. 0.01 min
 Lab File: BG036111.D
 Acq: 4 Aug 2018 2:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
184	100		
185	13.3	11.1	16.7
183	11.1	10.6	16.0





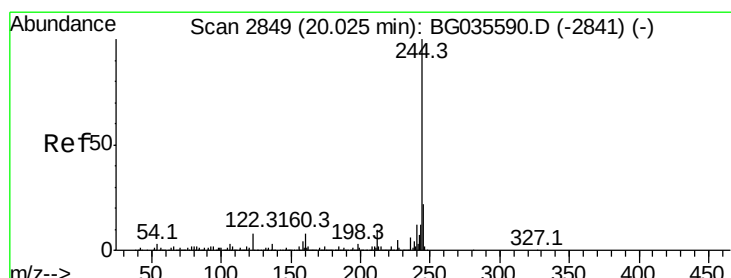
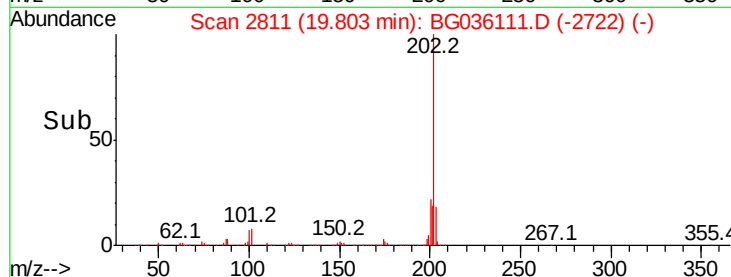
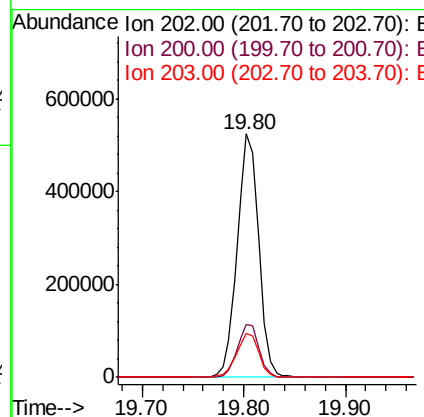
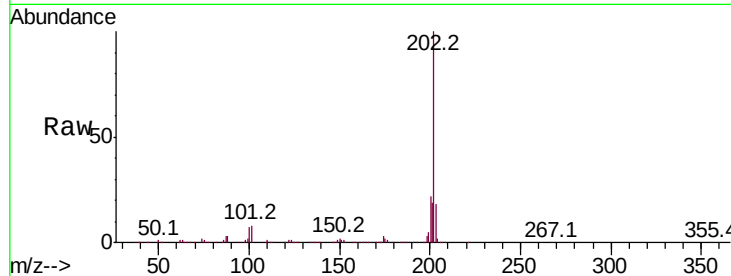
#77
Pvrene
Concen: 49.541 ng
RT: 19.80 min Scan# 2811
Delta R.T. -0.01 min
Lab File: BG036111.D
Acq: 4 Aug 2018 2:46

Instrument :
BNA_G
ClientSampleId :
C-1MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.0	16.9	25.3
203	18.1	13.9	20.9

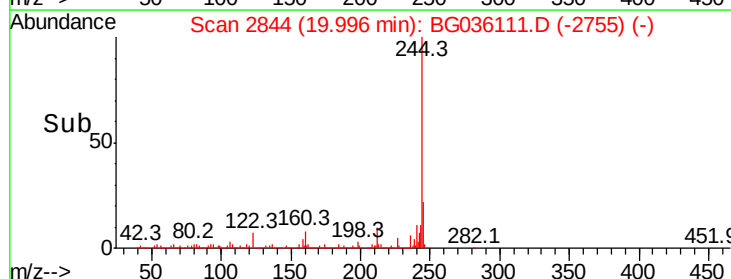
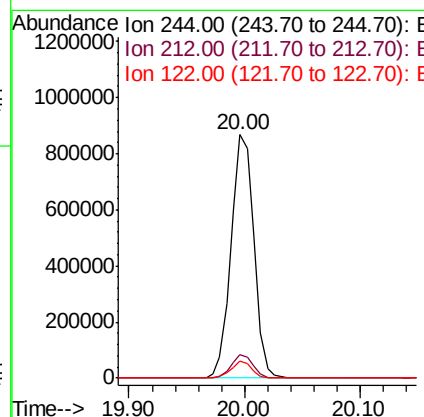
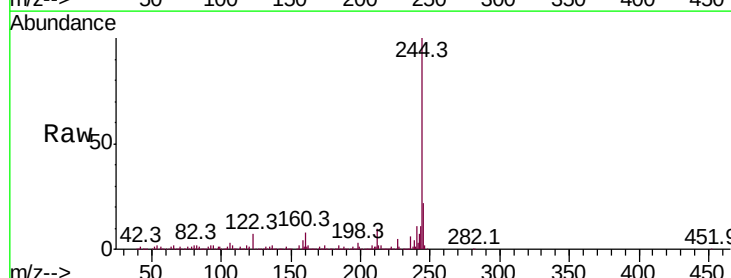
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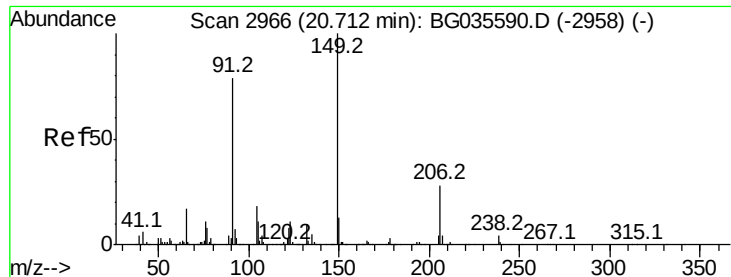
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#78
Terphenyl-d14
Concen: 106.104 ng
RT: 20.00 min Scan# 2844
Delta R.T. -0.01 min
Lab File: BG036111.D
Acq: 4 Aug 2018 2:46

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	9.5	5.8	8.8#
122	7.0	7.0	10.4





#79

Butylbenzylphthalate

Concen: 52.784 ng

RT: 20.68 min Scan# 2961

Delta R.T. 0.00 min

Lab File: BG036111.D

Acq: 4 Aug 2018 2:46

Instrument :

BNA_G

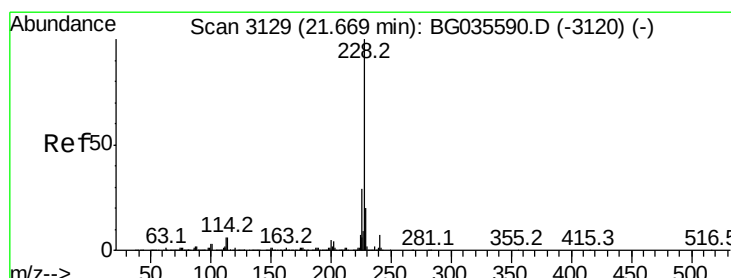
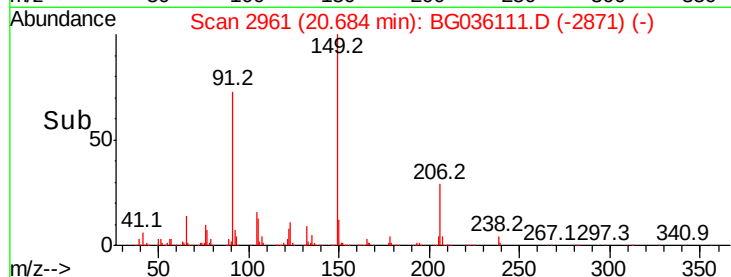
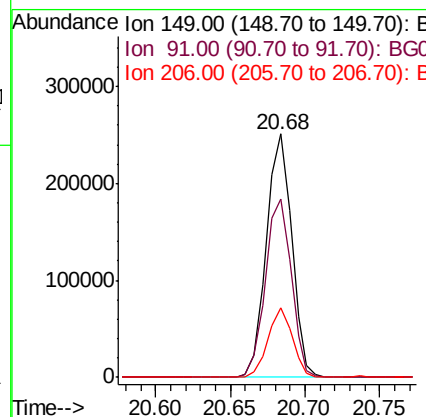
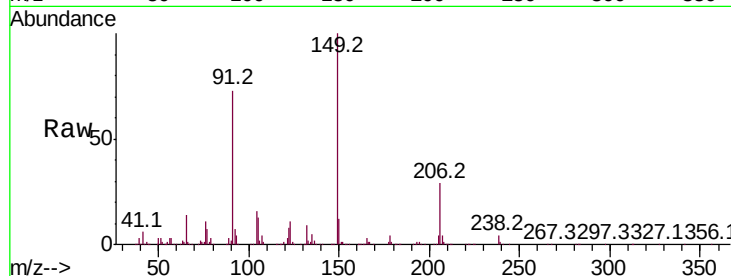
ClientSampleId :

C-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	294749		
91	73.4	62.2	93.2	
206	28.6	18.6	27.8	

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#80

Benzo(a)anthracene

Concen: 51.277 ng

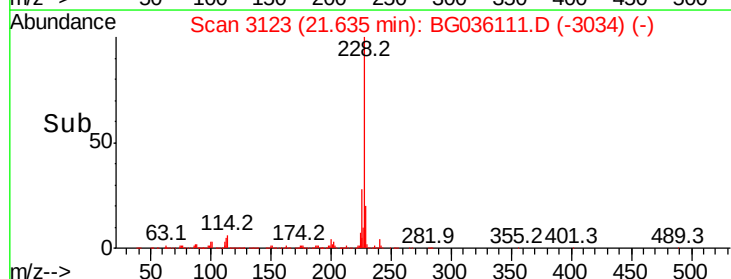
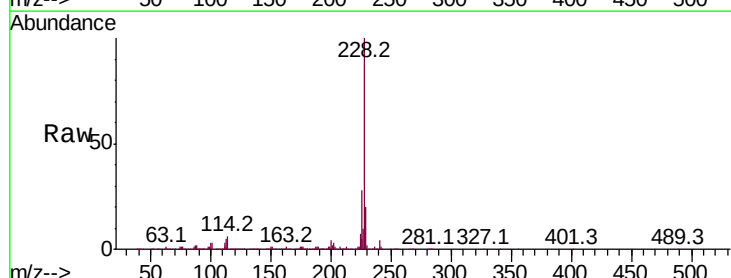
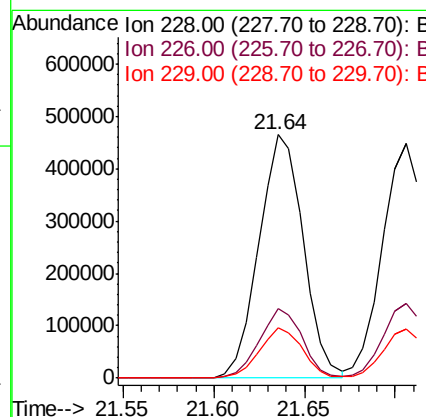
RT: 21.64 min Scan# 3123

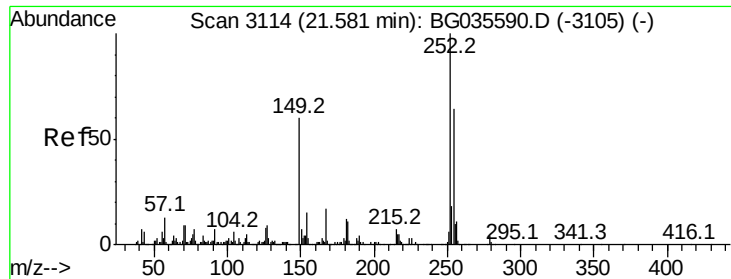
Delta R.T. -0.01 min

Lab File: BG036111.D

Acq: 4 Aug 2018 2:46

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	789128		
226	28.4	22.7	34.1	
229	20.5	16.2	24.2	





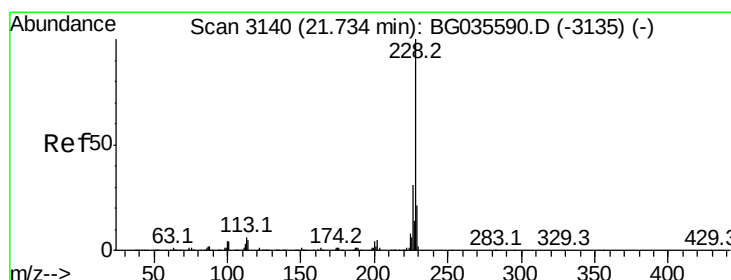
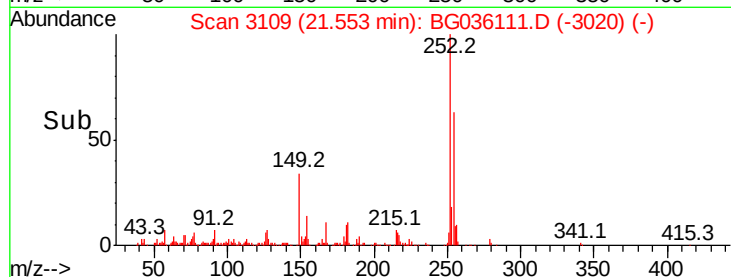
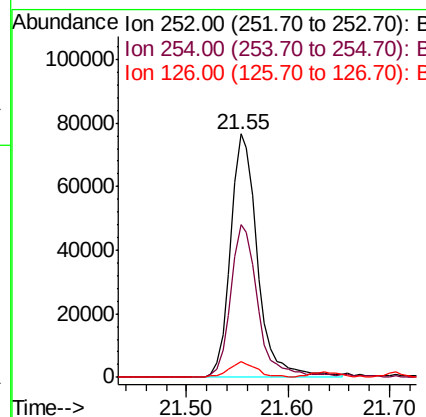
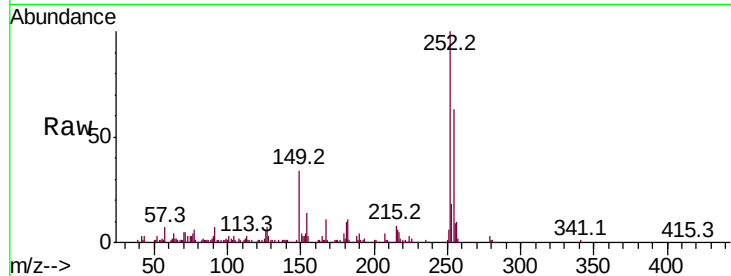
#81
 3,3'-Dichlorobenzidine
 Concen: 26.364 ng
 RT: 21.55 min Scan# 3109
 Delta R.T. -0.01 min
 Lab File: BG036111.D
 Acq: 4 Aug 2018 2:46

Instrument :
 BNA_G
 ClientSampled :
 C-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.7	50.8	76.2
126	6.4	7.4	11.2

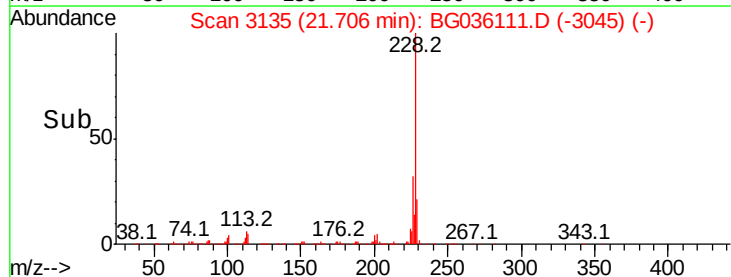
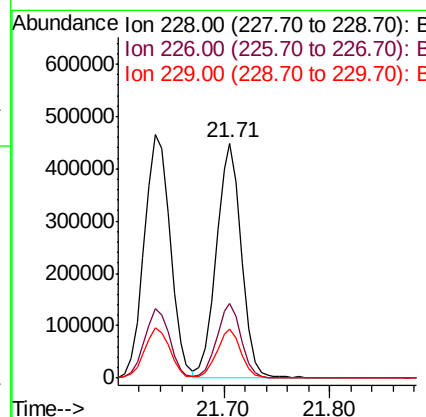
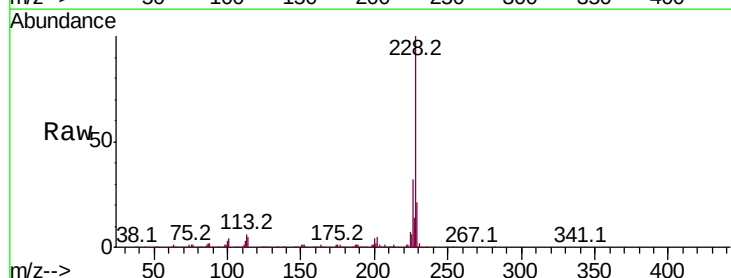
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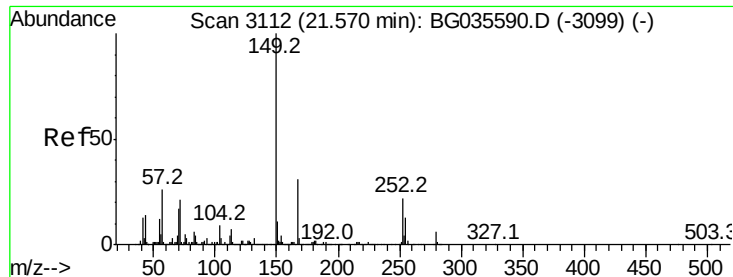
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#82
 Chrysene
 Concen: 51.911 ng
 RT: 21.71 min Scan# 3135
 Delta R.T. 0.00 min
 Lab File: BG036111.D
 Acq: 4 Aug 2018 2:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.9	37.3
229	20.9	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.707 ng

RT: 21.54 min Scan# 3106

Delta R.T. -0.01 min

Lab File: BG036111.D

Acq: 4 Aug 2018 2:46

Instrument :

BNA_G

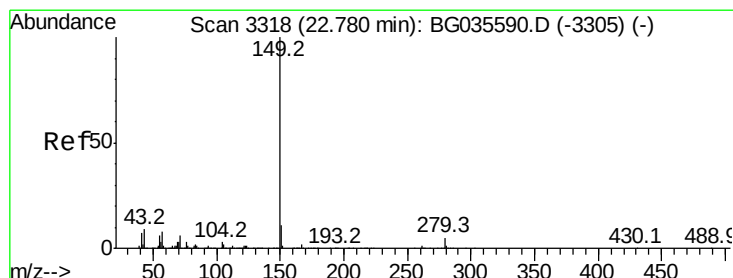
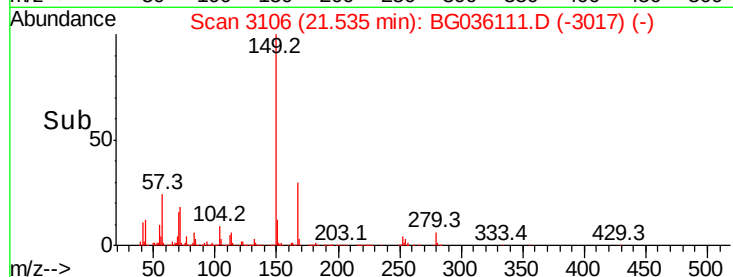
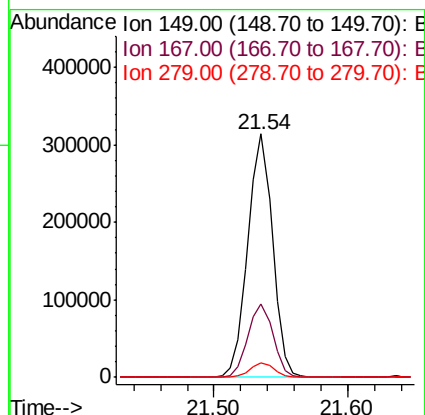
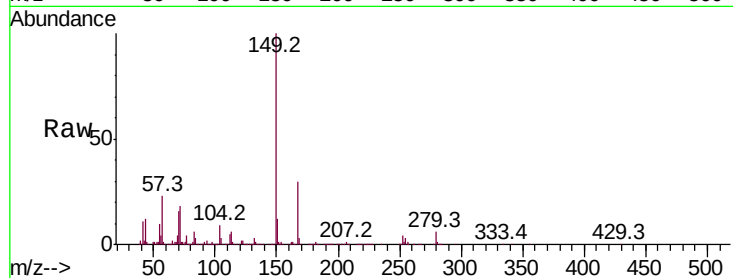
ClientSampleId :

C-1MSD

Tot Ion:	149	Resp:	400132
Ion Ratio		Lower	Upper
149	100		
167	30.4	24.3	36.5
279	5.7	4.0	6.0

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#84

Di-n-octyl phthalate

Concen: 53.199 ng

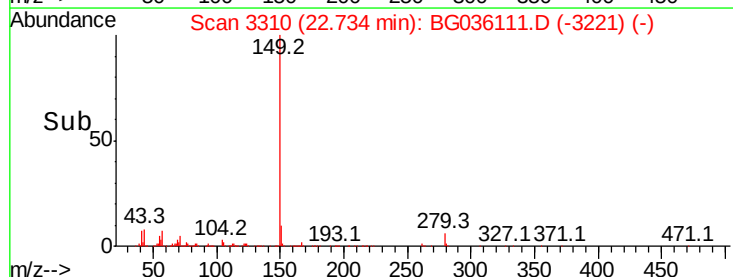
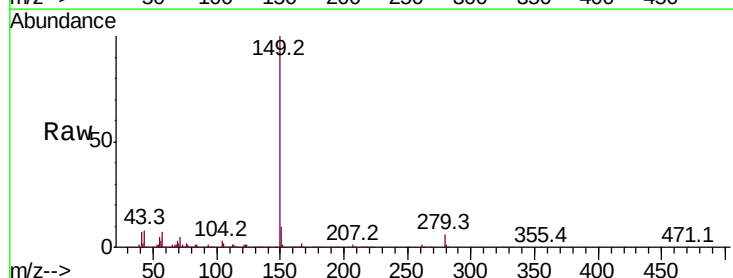
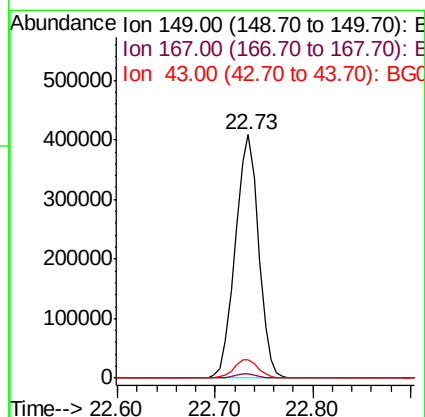
RT: 22.73 min Scan# 3310

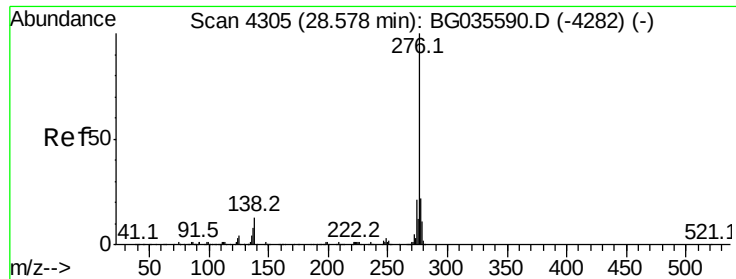
Delta R.T. -0.01 min

Lab File: BG036111.D

Acq: 4 Aug 2018 2:46

Tgt Ion:	149	Resp:	676211
Ion Ratio		Lower	Upper
149	100		
167	1.8	1.4	2.0
43	7.7	8.9	13.3#





#85

Indeno(1,2,3-cd)pyrene

Concen: 51.046 ng

RT: 28.50 min Scan# 4292

Delta R.T. 0.00 min

Lab File: BG036111.D

Acq: 4 Aug 2018 2:46

Instrument :

BNA_G

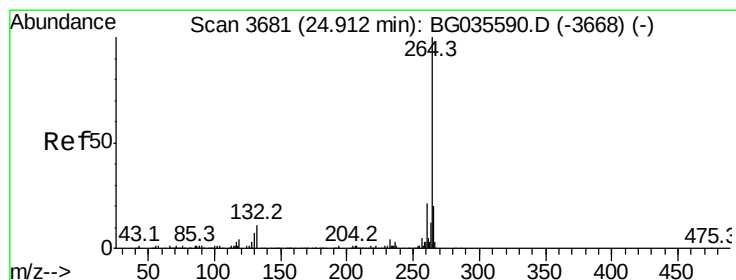
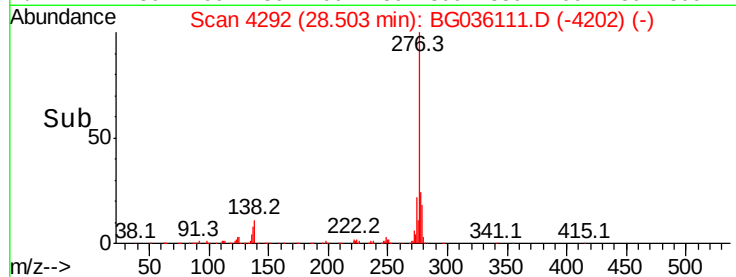
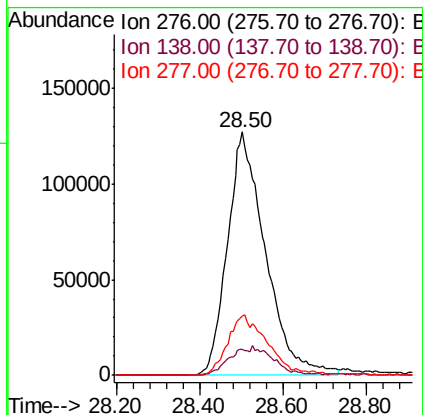
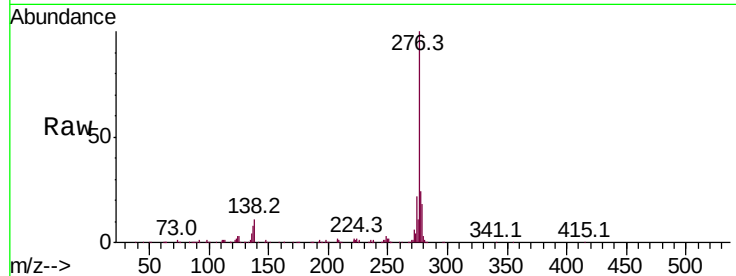
ClientSampleId :

C-1MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	5.4	16.0	24.0#
277	25.6	20.0	30.0

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#86

Perylene-d12

Concen: 20.000 ng

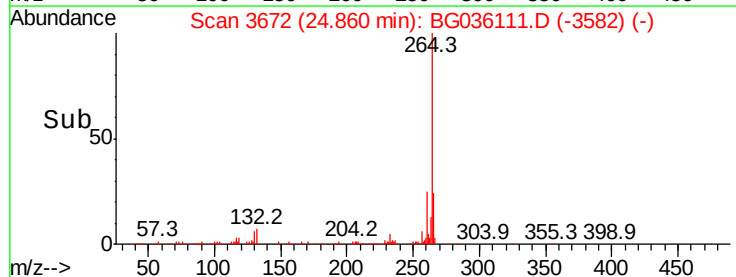
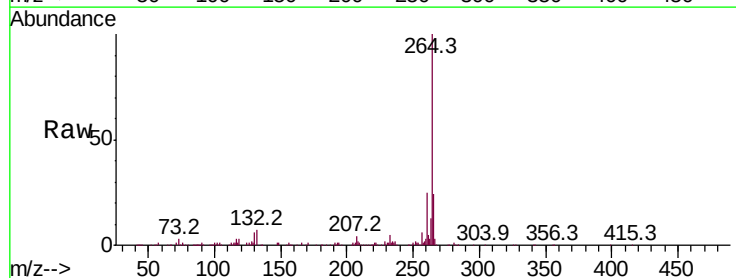
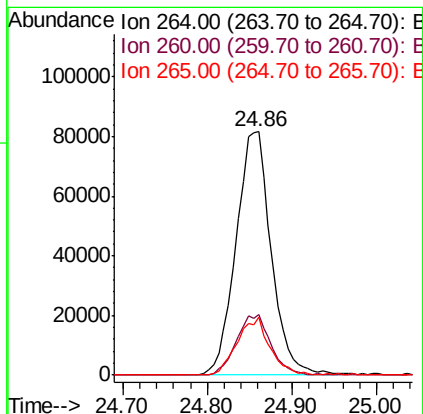
RT: 24.86 min Scan# 3672

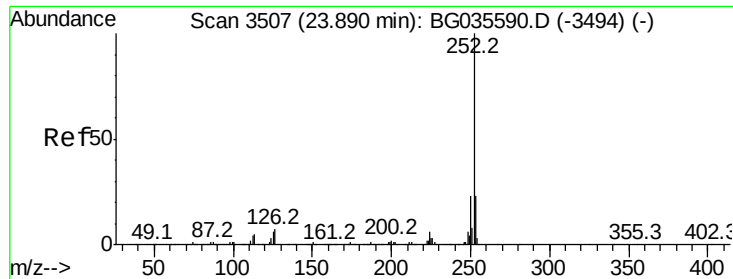
Delta R.T. 0.00 min

Lab File: BG036111.D

Acq: 4 Aug 2018 2:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	17.4	26.0
265	23.8	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 51.978 ng

RT: 23.84 min Scan# 3499

Delta R.T. 0.00 min

Lab File: BG036111.D

Acq: 4 Aug 2018 2:46

Instrument :

BNA_G

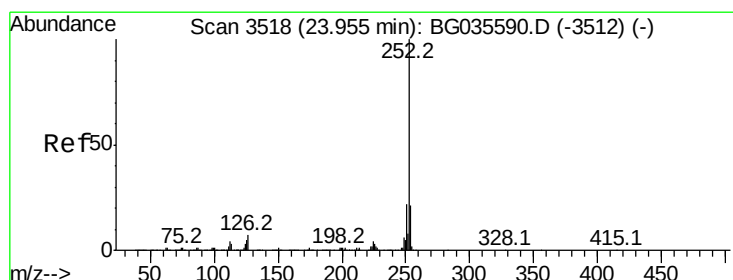
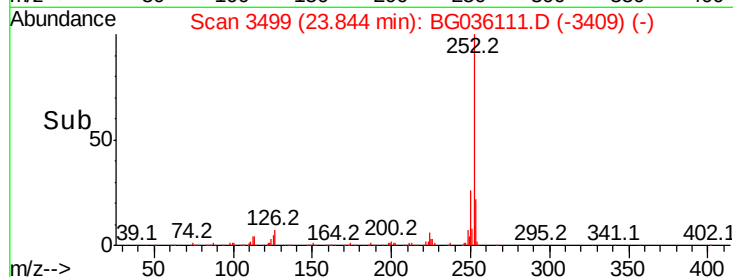
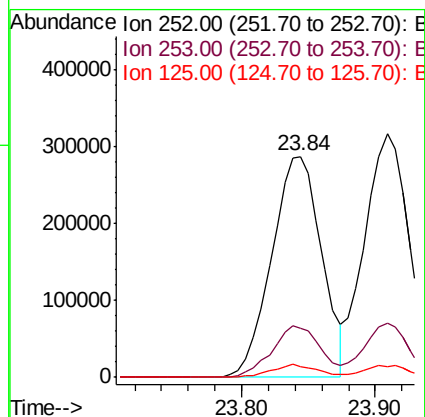
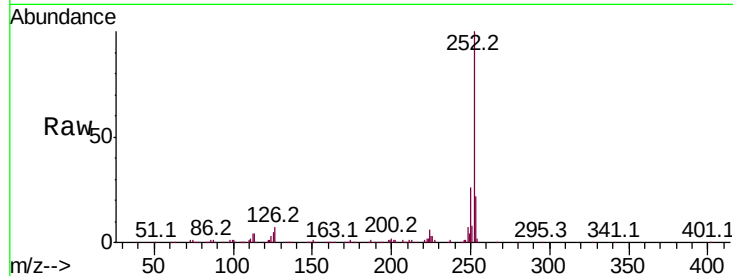
ClientSampleId :

C-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	5.0	7.2	10.8#

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#88

Benzo(k)fluoranthene

Concen: 52.559 ng

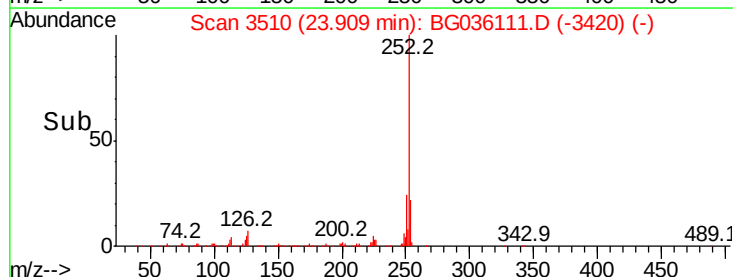
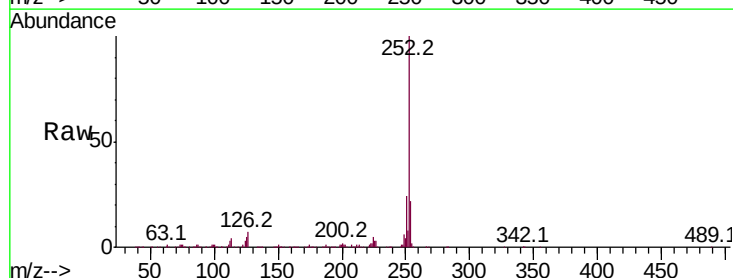
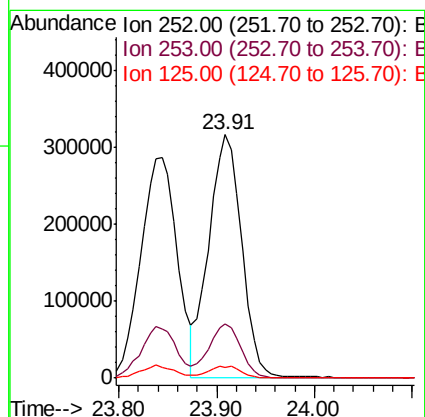
RT: 23.91 min Scan# 3510

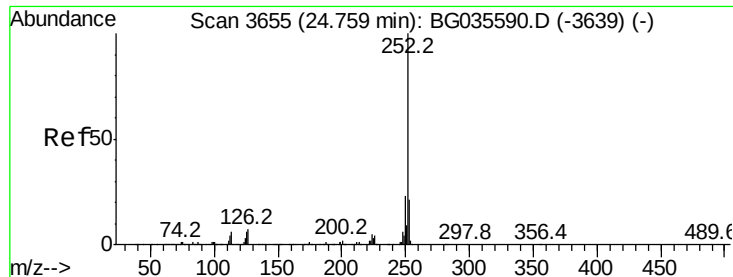
Delta R.T. 0.00 min

Lab File: BG036111.D

Acq: 4 Aug 2018 2:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	4.6	6.6	9.8#





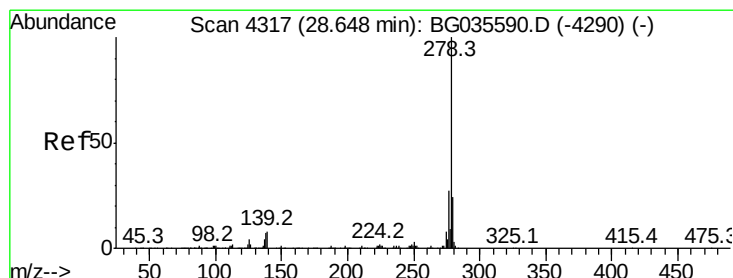
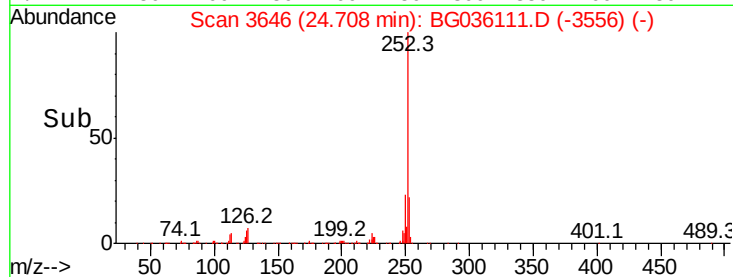
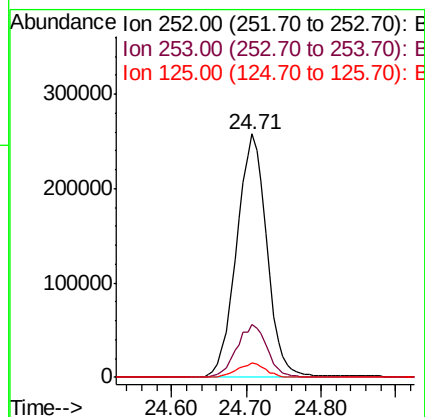
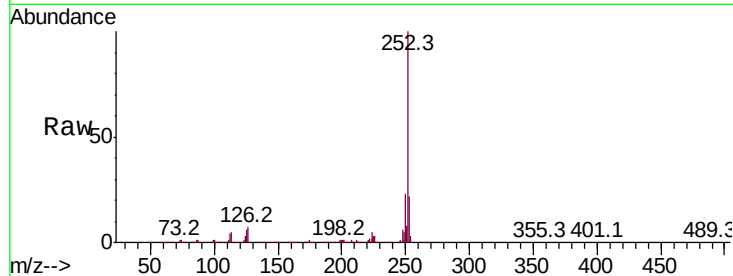
#89
Benzo(a)pyrene
Concen: 54.572 ng
RT: 24.71 min Scan# 3646
Delta R.T. 0.00 min
Lab File: BG036111.D
Acq: 4 Aug 2018 2:46

Instrument :
BNA_G
ClientSampleId :
C-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.3	27.5
125	5.9	7.3	10.9#

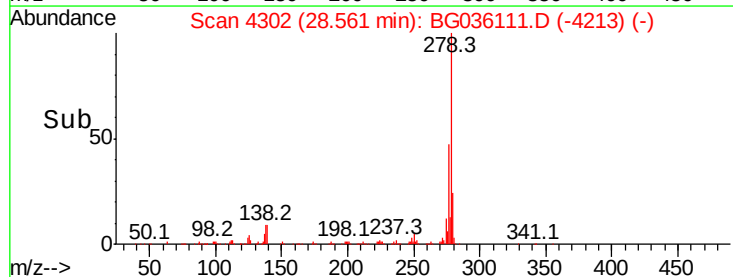
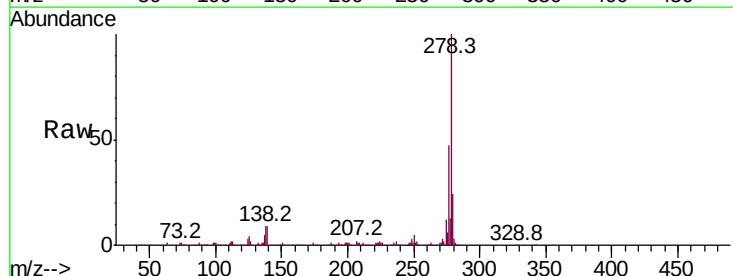
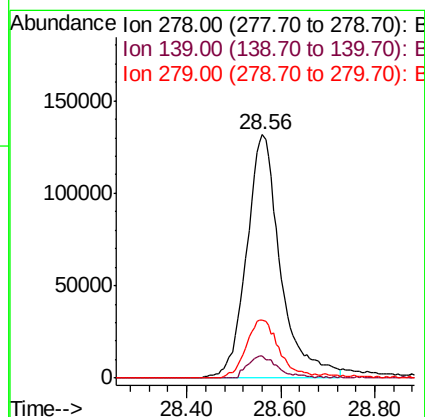
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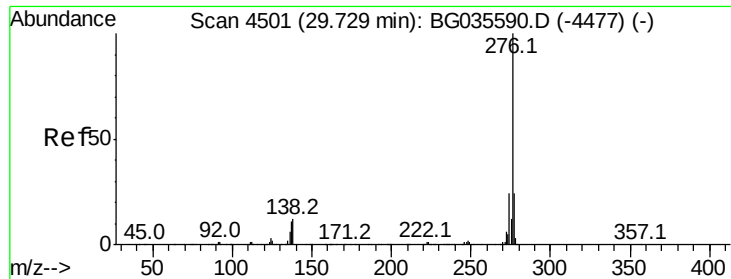
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#90
Dibenzo(a,h)anthracene
Concen: 50.592 ng
RT: 28.56 min Scan# 4302
Delta R.T. -0.01 min
Lab File: BG036111.D
Acq: 4 Aug 2018 2:46

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.3	9.8	14.6#
279	24.1	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 51.975 ng
 RT: 29.64 min Scan# 4486
 Delta R.T. 0.01 min
 Lab File: BG036111.D
 Acq: 4 Aug 2018 2:46

Instrument :
 BNA_G
 ClientSampleId :
 C-1MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.3	27.5
138	11.5	13.9	20.9

Manual Integrations
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