

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092518\
 Data File : BG036976.D
 Acq On : 26 Sep 2018 9:11
 Operator : JU/SJ
 Sample : J5064-04MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMPMSD

Manual Integrations
 APPROVED

Sohil
 9/26/2018 3:45:30 PM

Quant Time: Sep 26 14:01:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	61791	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	247524	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	149189	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	348723	20.00	ng	0.00
75) Chrysene-d12	21.69	240	345053	20.00	ng	0.00
86) Perylene-d12	24.89	264	360083	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	369509	114.68	ng	0.00
7) Phenol-d6	7.21	99	457317	91.74	ng	0.00
23) Nitrobenzene-d5	9.21	82	366396	79.27	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	206164	115.50	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	749176	74.79	ng	0.00
78) Terphenyl-d14	20.02	244	1110384	84.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	61923	42.001	ng	96
3) Pyridine	3.94	79	150910	35.450	ng	96
4) n-Nitrosodimethylamine	3.84	42	98381	51.997	ng	# 95
6) Aniline	7.37	93	161601	24.983	ng	99
8) 2-Chlorophenol	7.61	128	179023	47.853	ng	95
9) Benzaldehyde	7.18	77	109475	33.235	ng	98
10) Phenol	7.24	94	208102	40.449	ng	94
11) bis(2-Chloroethyl)ether	7.47	93	191399	40.219	ng	99
12) 1,3-Dichlorobenzene	7.93	146	195640	42.655	ng	97
13) 1,4-Dichlorobenzene	8.08	146	198690	42.331	ng	98
14) 1,2-Dichlorobenzene	8.40	146	189708	41.708	ng	98
15) Benzyl Alcohol	8.28	79	173735	42.952	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	386005	42.249	ng	98
17) 2-Methylphenol	8.48	107	155286	43.331	ng	94
18) Hexachloroethane	9.12	117	78277	45.318	ng	96
19) n-Nitroso-di-n-propylamine	8.85	70	158413	38.200	ng	98
20) 3+4-Methylphenols	8.81	107	212512	42.626	ng	98
22) Acetophenone	8.87	105	276914	47.606	ng	95
24) Nitrobenzene	9.25	77	234833	47.575	ng	99
25) Isophorone	9.77	82	442379	52.379	ng	98
26) 2-Nitrophenol	9.96	139	102778	52.238	ng	93
27) 2,4-Dimethylphenol	10.02	122	172950	56.431	ng	96
28) bis(2-Chloroethoxy)methane	10.25	93	249114	47.801	ng	99
29) 2,4-Dichlorophenol	10.49	162	185714	52.273	ng	98
30) 1,2,4-Trichlorobenzene	10.71	180	199116	44.784	ng	100
31) Naphthalene	10.90	128	623244	52.919	ng	98
32) Benzoic acid	10.18	122	79807	35.686	ng	96
33) 4-Chloroaniline	11.02	127	44721	8.352	ng	94
34) Hexachlorobutadiene	11.18	225	139204	45.274	ng	98
35) Caprolactam	11.80	113	50725m	34.689	ng	
36) 4-Chloro-3-methylphenol	12.13	107	209177	49.344	ng	99
37) 2-Methylnaphthalene	12.50	142	434846	48.479	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	245400	47.161	ng	98
40) Hexachlorocyclopentadiene	12.84	237	284263	106.221	ng	99

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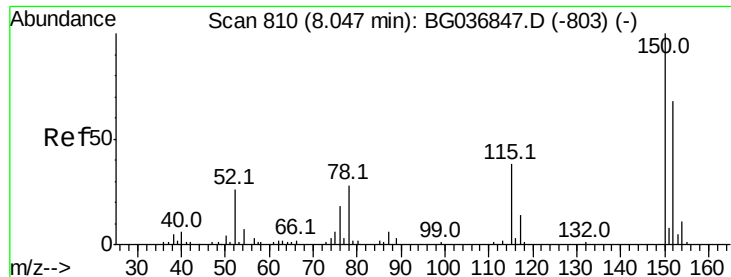
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	156329	54.103	nq	96
43) 2,4,5-Trichlorophenol	13.18	196	171620	55.701	nq	98
45) 1,1'-Biphenyl	13.50	154	554022	48.489	nq	98
46) 2-Chloronaphthalene	13.55	162	420896	46.842	nq	99
47) 2-Nitroaniline	13.75	65	160116	51.519	nq	98
48) Acenaphthylene	14.39	152	700478	49.749	nq	100
49) Dimethylphthalate	14.12	163	554711	46.192	nq	99
50) 2,6-Dinitrotoluene	14.24	165	123816	47.256	nq	97
51) Acenaphthene	14.74	154	403001	47.358	nq	99
52) 3-Nitroaniline	14.58	138	66526	24.096	nq	# 95
53) 2,4-Dinitrophenol	14.78	184	113004	90.879	nq	92
54) Dibenzofuran	15.07	168	658010	45.714	nq	100
55) 4-Nitrophenol	14.89	139	168450	95.505	nq	95
56) 2,4-Dinitrotoluene	15.04	165	171314	46.858	nq	93
57) Fluorene	15.72	166	521044	48.431	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.29	232	164569	52.652	nq	97
59) Diethylphthalate	15.49	149	544301	44.939	nq	99
60) 4-Chlorophenyl-phenylether	15.70	204	294062	43.160	nq	99
61) 4-Nitroaniline	15.75	138	116038	39.956	nq	96
62) Azobenzene	16.00	77	560966	48.202	nq	99
64) 4,6-Dinitro-2-methylphenol	15.79	198	91685	50.289	nq	94
65) n-Nitrosodiphenylamine	15.92	169	471580	48.984	nq	98
66) 4-Bromophenyl-phenylether	16.60	248	188099	47.422	nq	99
67) Hexachlorobenzene	16.72	284	187201	45.824	nq	98
68) Atrazine	16.87	200	196707	50.462	nq	98
69) Pentachlorophenol	17.07	266	231651	90.063	nq	98
70) Phenanthrene	17.46	178	827551	49.245	nq	98
71) Anthracene	17.55	178	852116	51.281	nq	99
72) Carbazole	17.82	167	744167	45.932	nq	98
73) Di-n-butylphthalate	18.37	149	851172	47.308	nq	99
74) Fluoranthene	19.47	202	951410	47.034	nq	99
76) Benzidine	19.65	184	160200	15.358	nq	98
77) Pyrene	19.82	202	954239	46.085	nq	99
79) Butylbenzylphthalate	20.70	149	401039	48.592	nq	99
80) Benzo(a)anthracene	21.66	228	978003	48.555	nq	99
81) 3,3'-Dichlorobenzidine	21.58	252	172459	22.494	nq	99
82) Chrysene	21.73	228	925097	47.535	nq	100
83) Bis(2-ethylhexyl)phthalate	21.56	149	554209	48.068	nq	98
84) Di-n-octyl phthalate	22.77	149	946766	49.874	nq	99
85) Indeno(1,2,3-cd)pyrene	28.55	276	1131510	54.143	nq	# 95
87) Benzo(b)fluoranthene	23.88	252	972464	50.676	nq	97
88) Benzo(k)fluoranthene	23.94	252	946591	49.168	nq	99
89) Benzo(a)pyrene	24.74	252	946220	51.003	nq	100
90) Dibenzo(a,h)anthracene	28.61	278	913193	52.521	nq	96
91) Benzo(g,h,i)perylene	29.69	276	938966	53.809	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 809

Delta R.T. -0.00 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

Instrument :

BNA_G

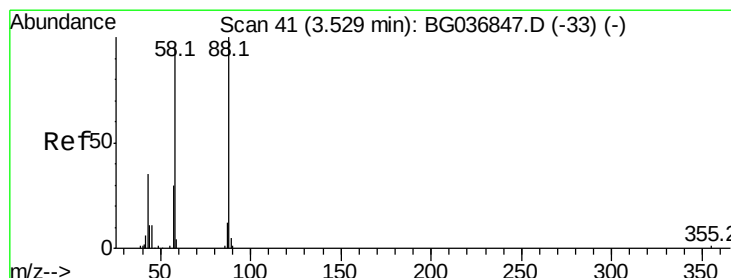
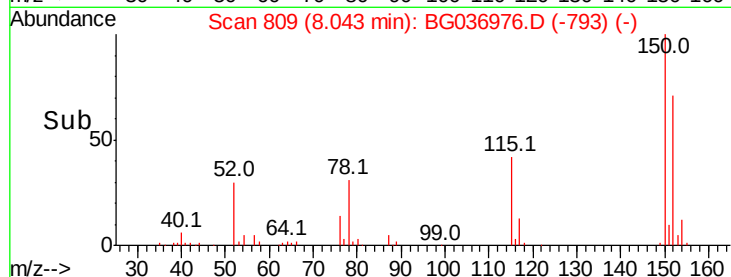
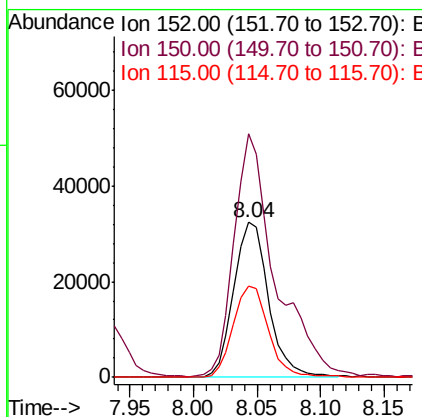
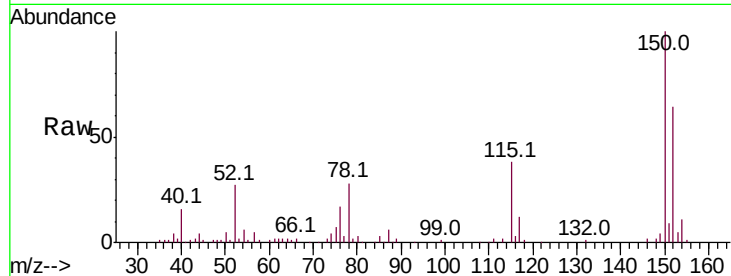
ClientSampled :

COMPMSSD

Tot Ion:	152	Resp:	61791
Ion Ratio	Lower	Upper	
152	100		
150	157.3	119.5	179.3
115	59.2	44.5	66.7

Manual Integrations
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#2

1,4-Dioxane

Concen: 42.001 ng

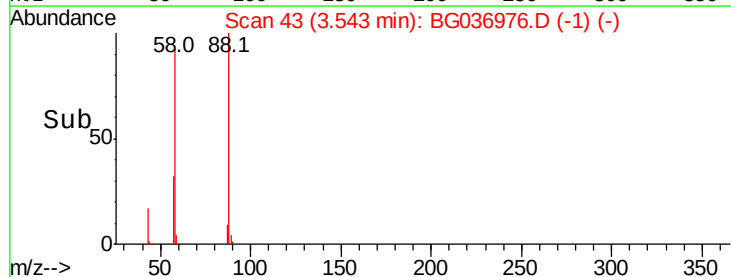
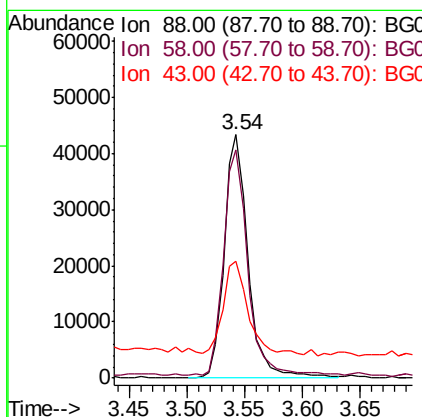
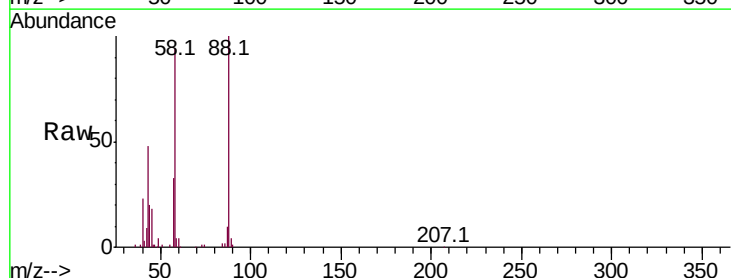
RT: 3.54 min Scan# 43

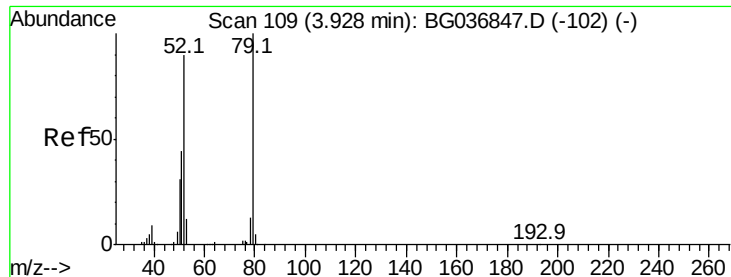
Delta R.T. 0.01 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

Tgt Ion:	88	Resp:	61923
Ion Ratio	Lower	Upper	
88	100		
58	94.0	72.6	109.0
43	39.4	29.0	43.4





#3

Pvridine

Concen: 35.450 ng

RT: 3.94 min Scan# 111

Delta R.T. 0.01 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

Instrument :

BNA_G

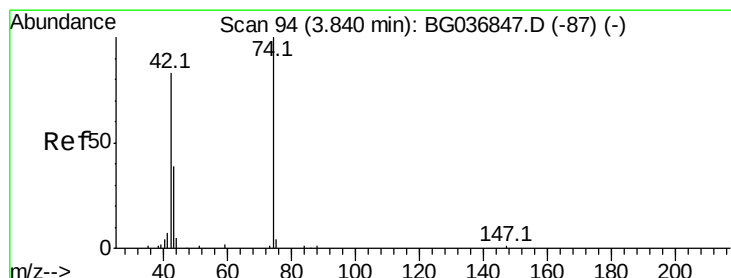
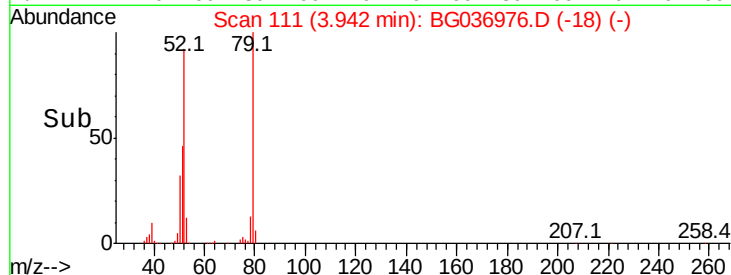
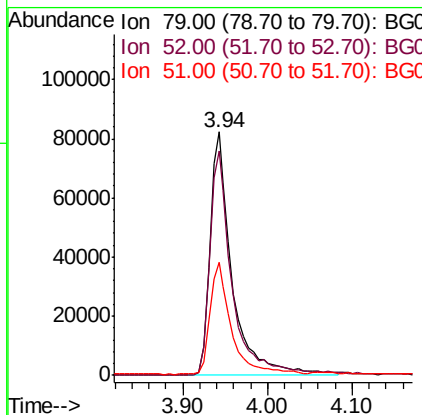
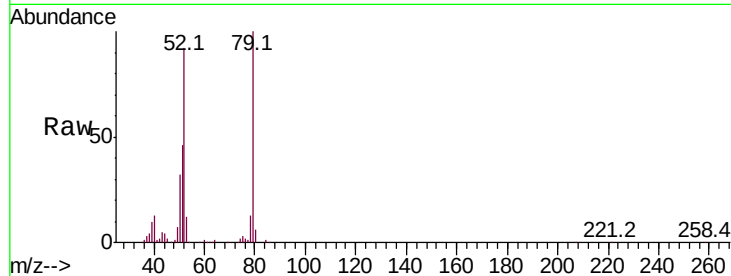
ClientSampled :

COMPMSD

Tot Ion:	79	Resp:	150910
Ion Ratio	Lower	Upper	
79	100		
52	92.4	72.3	108.5
51	46.4	33.8	50.6

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 51.997 ng

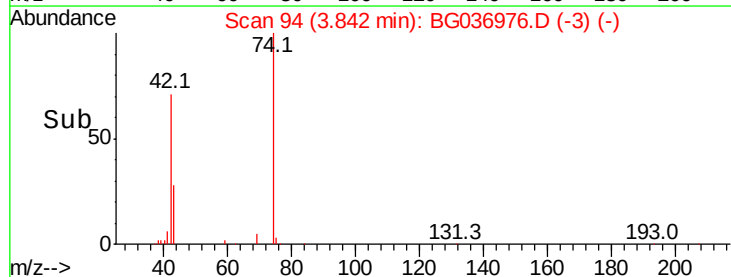
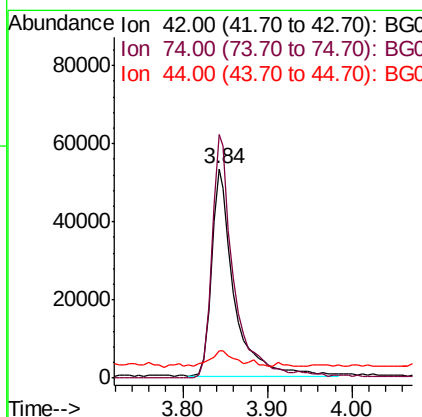
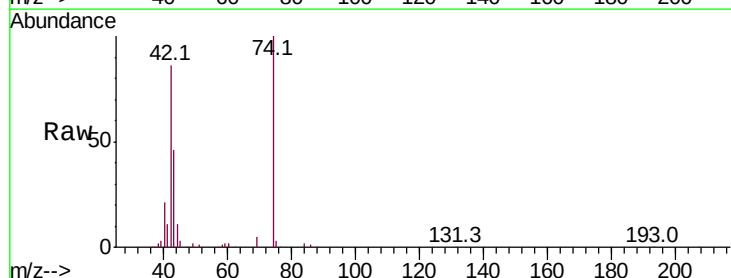
RT: 3.84 min Scan# 94

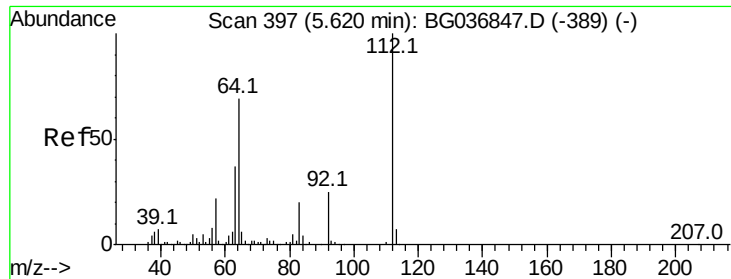
Delta R.T. 0.00 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

Tgt Ion:	42	Resp:	98381
Ion Ratio	Lower	Upper	
42	100		
74	116.4	96.6	145.0
44	13.3	7.0	10.4#





#5

2-Fluorophenol

Concen: 114.683 ng

RT: 5.62 min Scan# 397

Delta R.T. 0.00 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

Instrument :

BNA_G

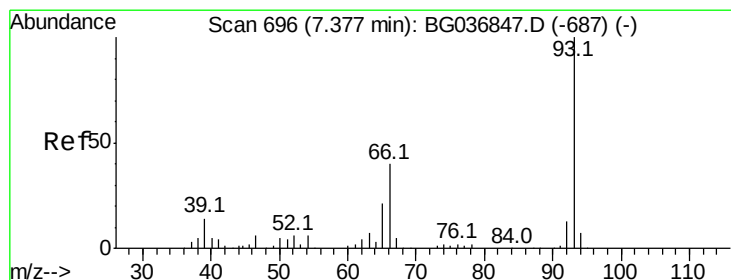
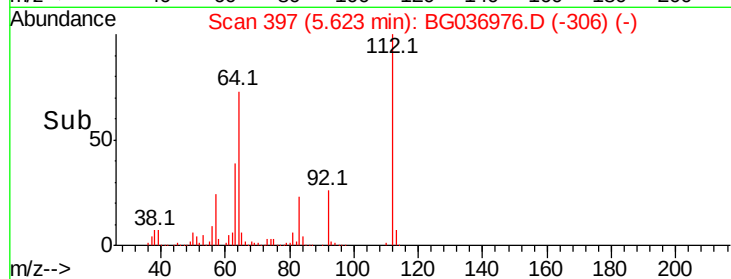
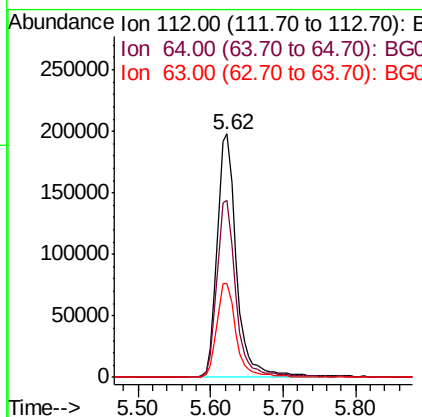
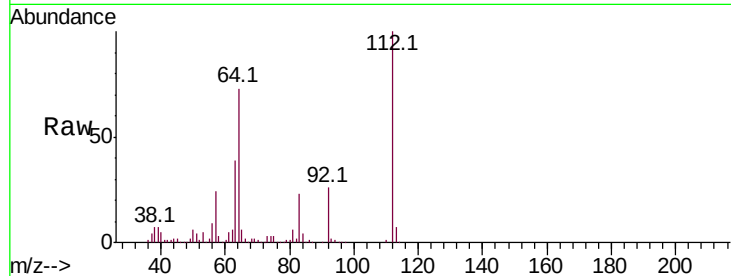
ClientSampled :

COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	369509		
64	73.0	57.2	85.8	
63	38.8	30.8	46.2	

Manual Integrations
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#6

Aniline

Concen: 24.983 ng

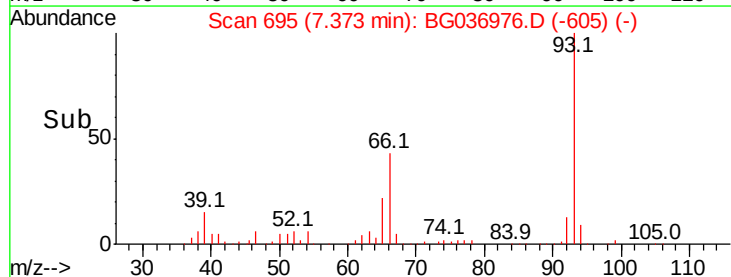
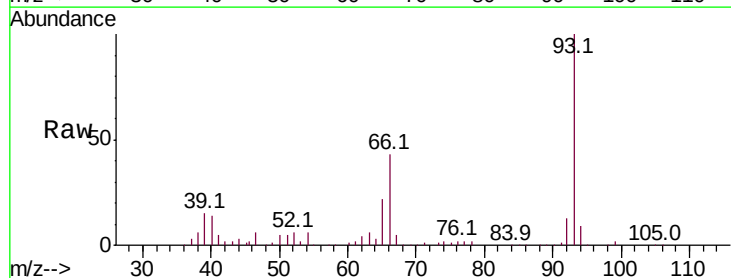
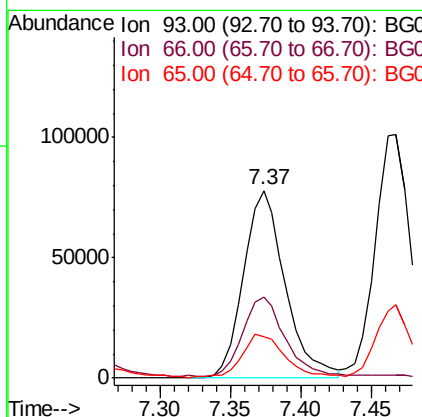
RT: 7.37 min Scan# 695

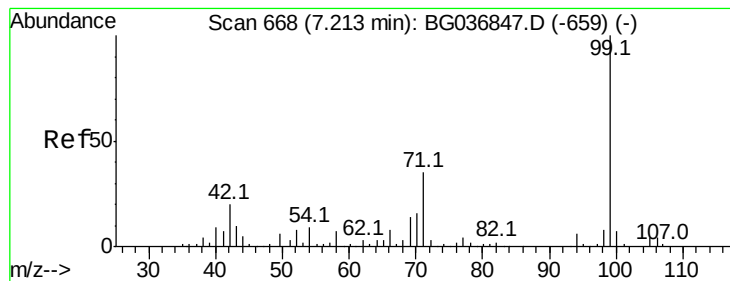
Delta R.T. -0.00 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	161601		
66	43.0	35.0	52.4	
65	22.0	17.6	26.4	





#7

Phenol-d6

Concen: 91.739 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

Instrument :

BNA_G

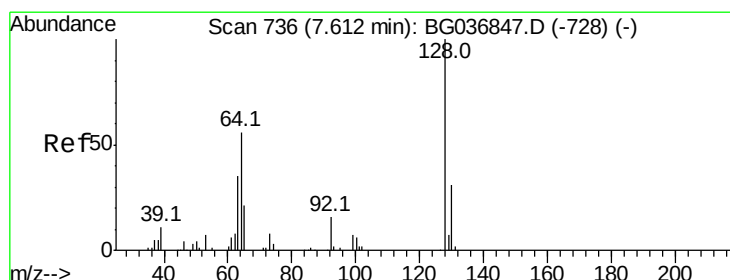
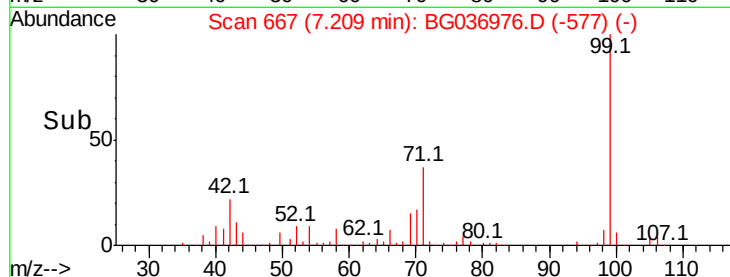
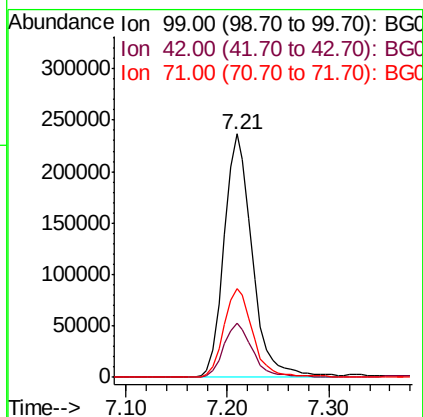
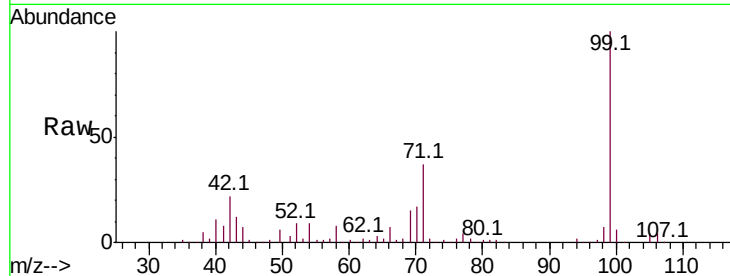
ClientSampled :

COMPMSSD

Tot Ion:	99	Resp:	457317
Ion Ratio	Lower	Upper	
99	100		
42	22.2	16.5	24.7
71	36.6	29.4	44.2

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#8

2-Chlorophenol

Concen: 47.853 ng

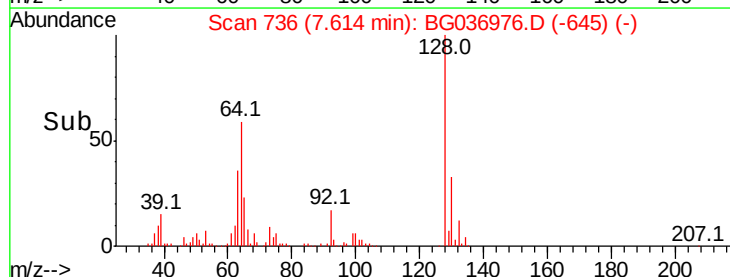
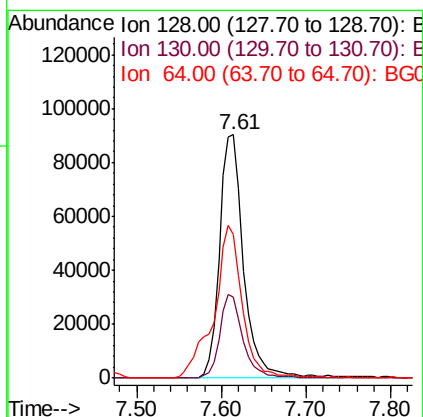
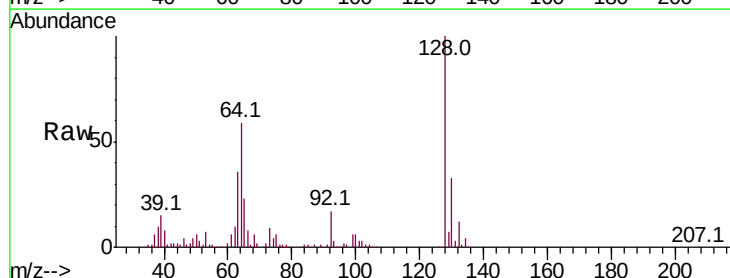
RT: 7.61 min Scan# 736

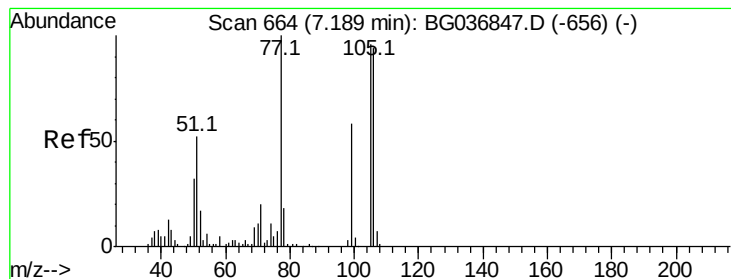
Delta R.T. 0.00 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

Tgt Ion:	128	Resp:	179023
Ion Ratio	Lower	Upper	
128	100		
130	33.3	10.0	50.0
64	58.8	36.0	76.0





#9

Benzaldehyde

Concen: 33.235 ng

RT: 7.18 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

Instrument :

BNA_G

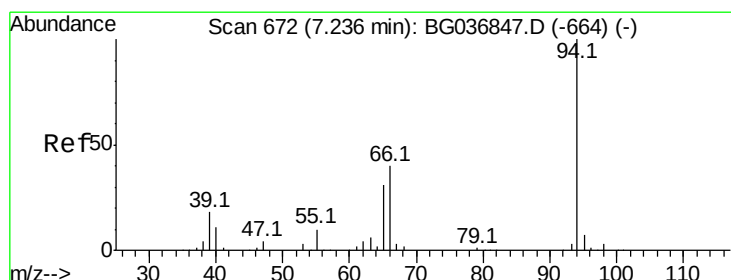
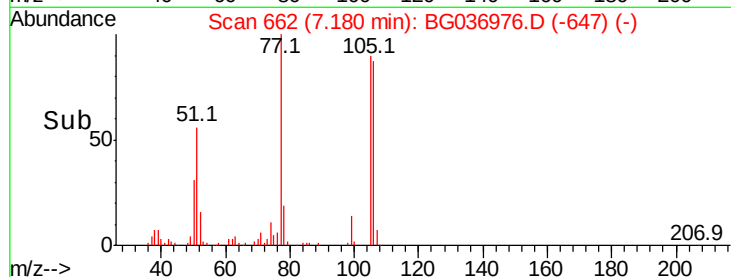
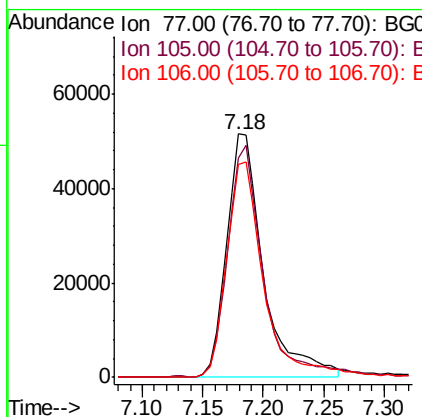
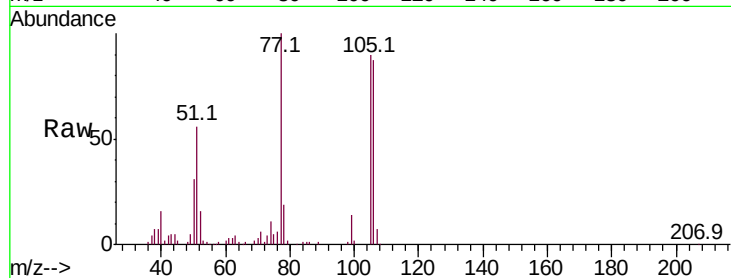
ClientSampled :

COMPMSSD

Tot Ion:	77	Resp:	109475
Ion Ratio	Lower	Upper	
77	100		
105	90.0	70.5	110.5
106	87.2	69.8	109.8

Manual Integrations
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#10

Phenol

Concen: 40.449 ng

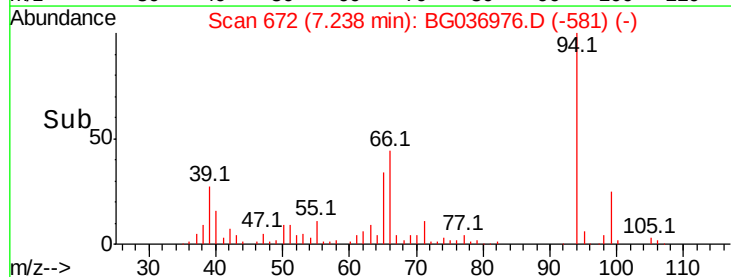
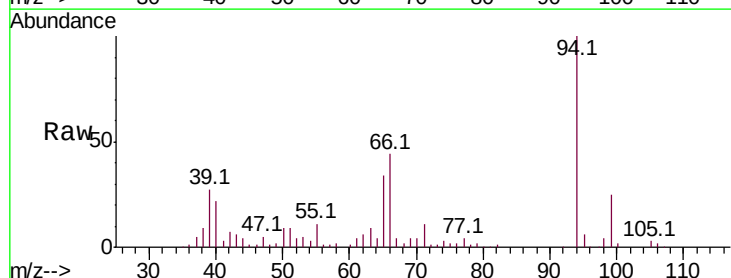
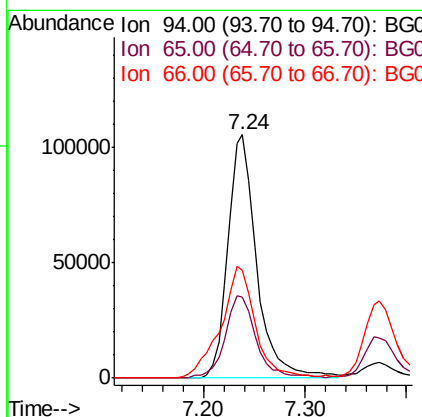
RT: 7.24 min Scan# 672

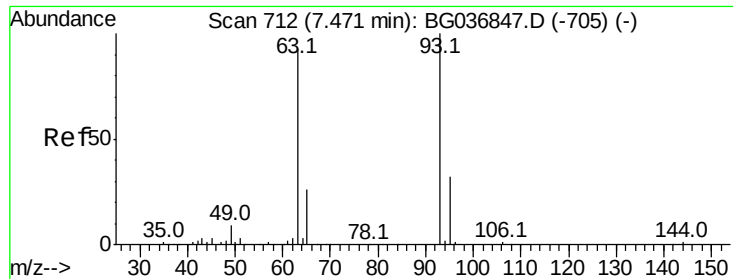
Delta R.T. 0.00 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

Tgt Ion:	94	Resp:	208102
Ion Ratio	Lower	Upper	
94	100		
65	33.6	11.5	51.5
66	44.4	19.5	59.5





#11

bis(2-Chloroethyl)ether

Concen: 40.219 ng

RT: 7.47 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

Instrument :

BNA_G

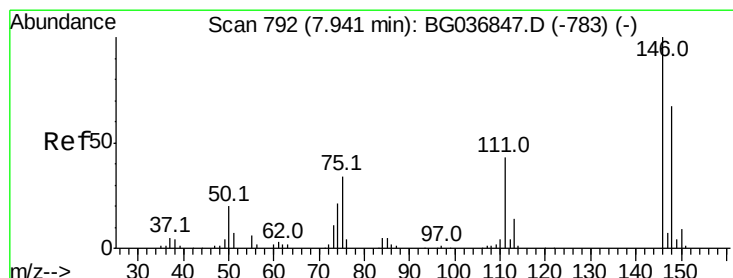
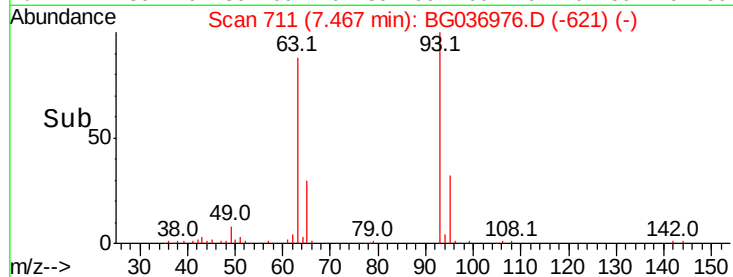
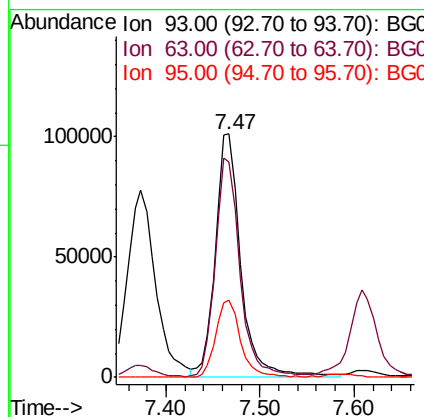
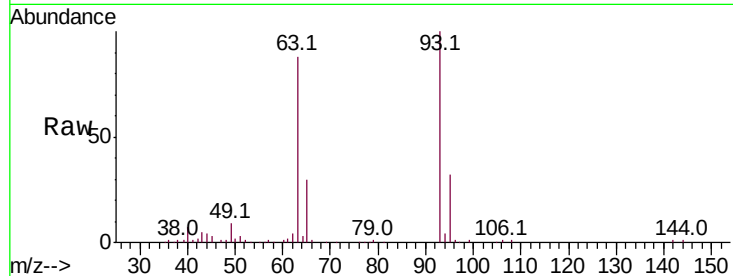
ClientSampled :

COMPMSD

Tot Ion:	93	Resp:	191399
Ion Ratio	Lower	Upper	
93	100		
63	88.4	69.9	109.9
95	31.7	11.7	51.7

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 42.655 ng

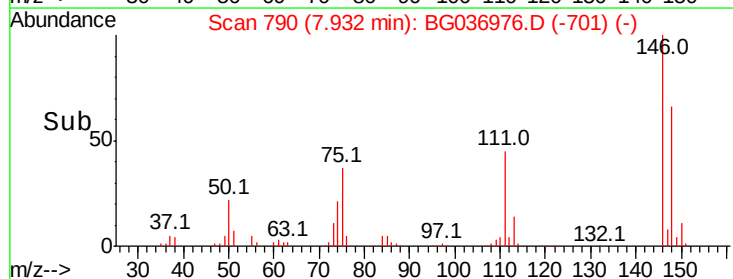
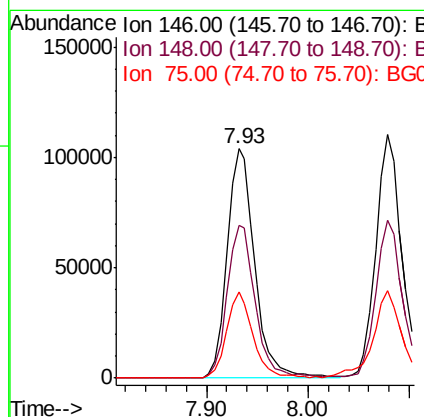
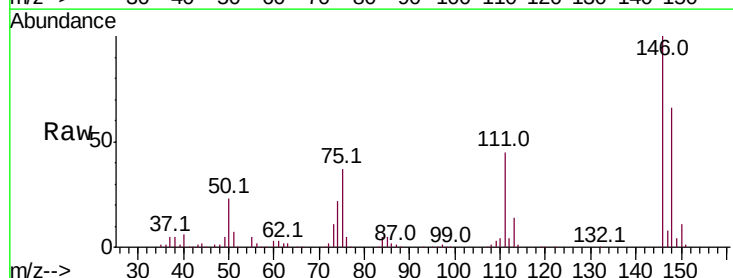
RT: 7.93 min Scan# 790

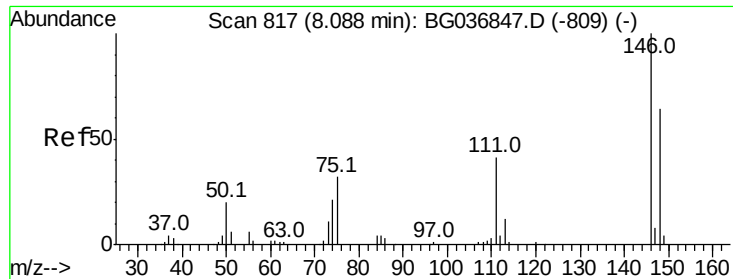
Delta R.T. -0.01 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

Tgt Ion:	146	Resp:	195640
Ion Ratio	Lower	Upper	
146	100		
148	66.3	53.8	80.6
75	37.5	27.2	40.8





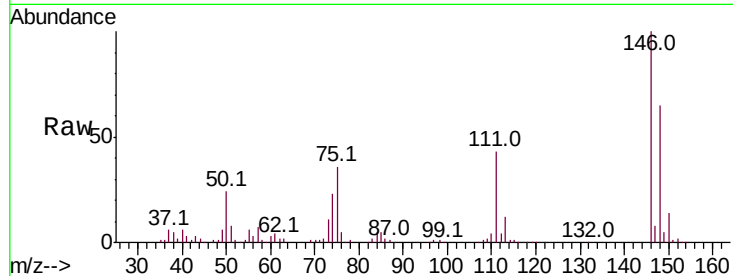
#13
 1,4-Dichlorobenzene
 Concen: 42.331 ng
 RT: 8.08 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BG036976.D
 Acq: 26 Sep 2018 9:11

Instrument :
 BNA_G
 ClientSampled :
 COMPMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	53.9	80.9
111	42.9	33.8	50.6

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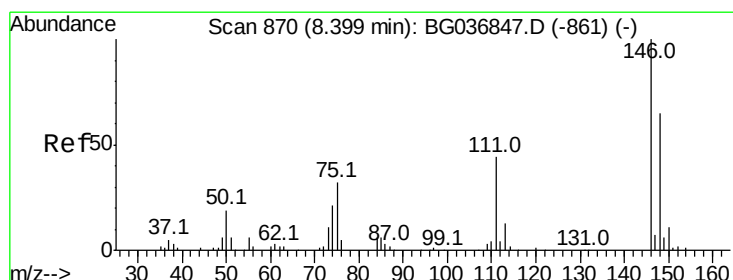
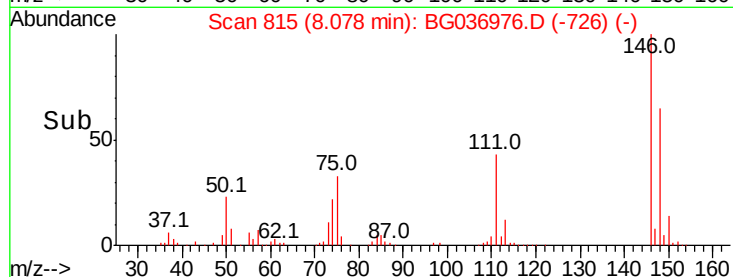
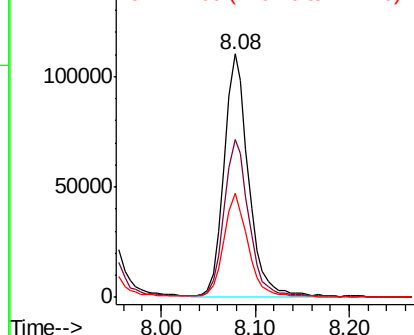


Abundance

Ion 146.00 (145.70 to 146.70): E

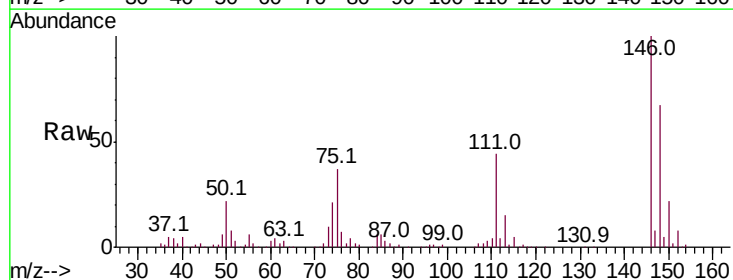
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 41.708 ng
 RT: 8.40 min Scan# 869
 Delta R.T. -0.00 min
 Lab File: BG036976.D
 Acq: 26 Sep 2018 9:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.6	55.0	82.6
111	43.5	34.6	51.8

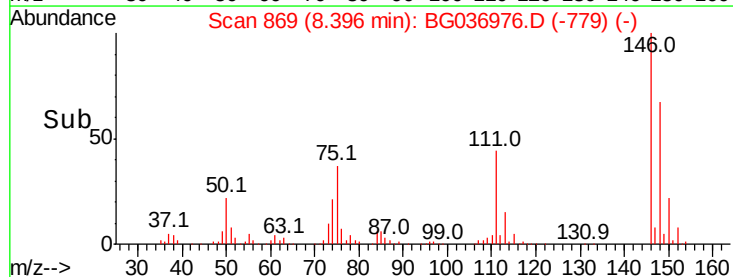
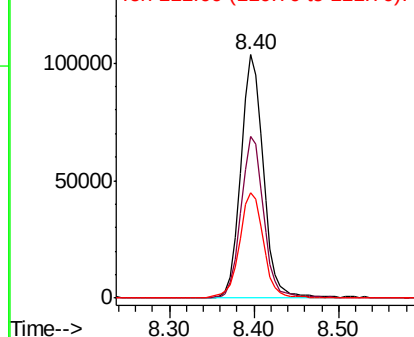


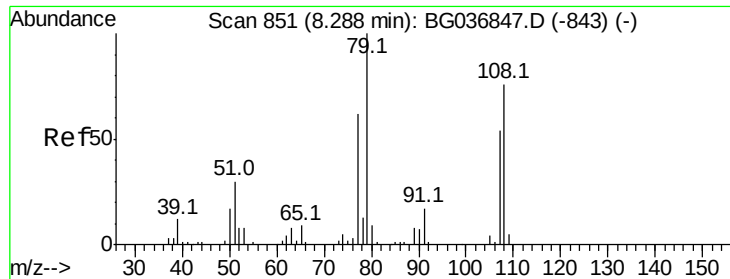
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





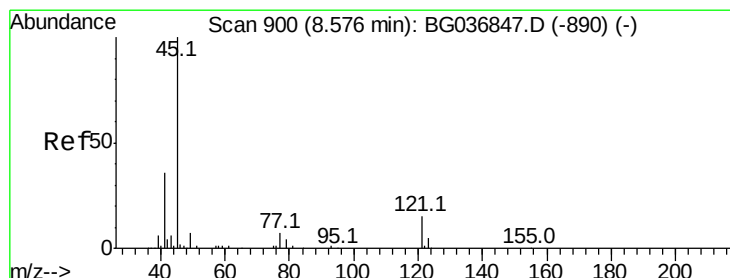
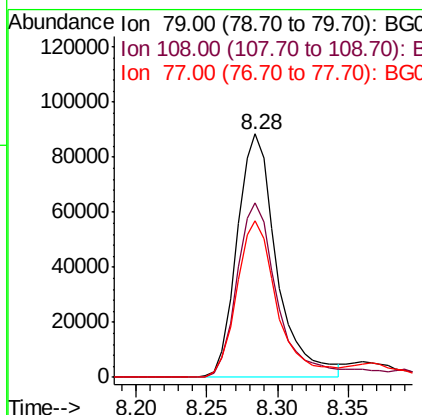
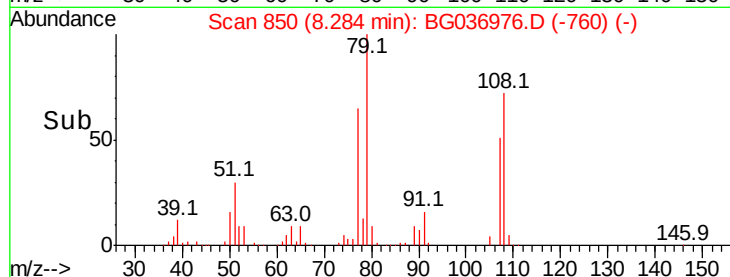
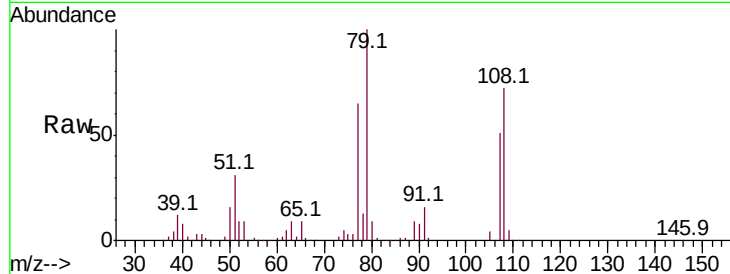
#15
Benzyl Alcohol
Concen: 42.952 ng
RT: 8.28 min Scan# 850
Delta R.T. -0.00 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

Instrument :
BNA_G
ClientSampled :
COMPMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	71.8	55.9	83.9
77	64.6	50.0	75.0

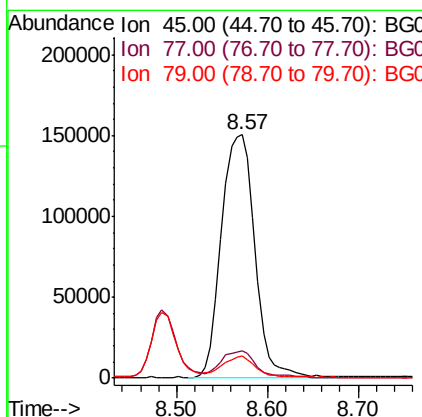
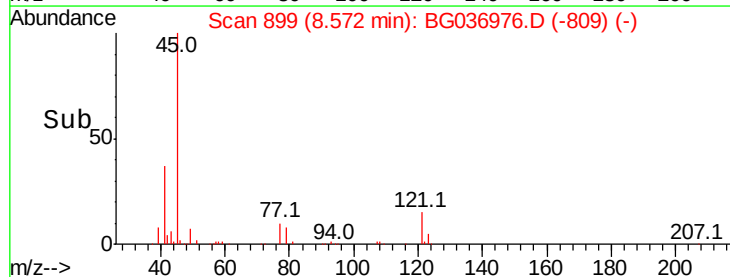
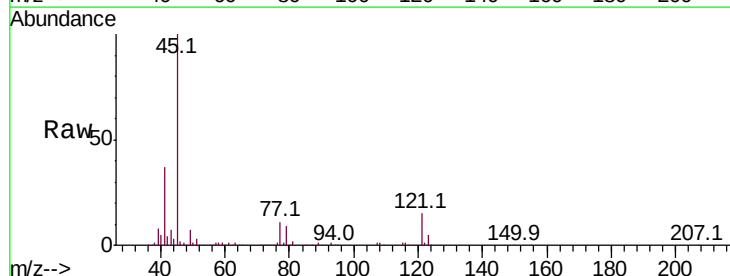
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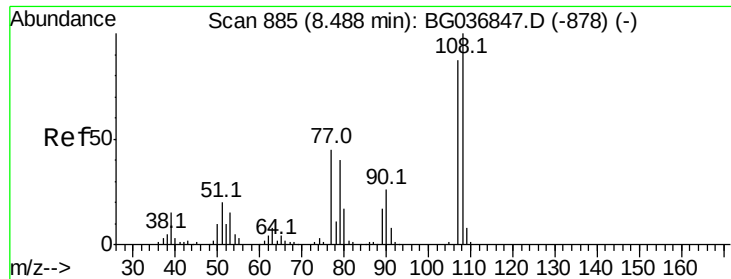
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.249 ng
RT: 8.57 min Scan# 899
Delta R.T. -0.00 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.1	0.0	30.5
79	8.9	0.0	27.9





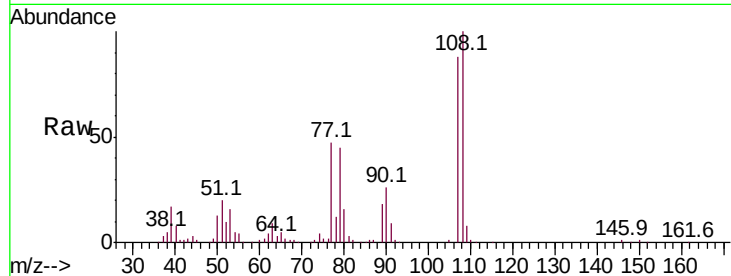
#17
2-Methylphenol
Concen: 43.331 ng
RT: 8.48 min Scan# 884
Delta R.T. -0.00 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

Instrument :
BNA_G
ClientSampled :
COMPMSD

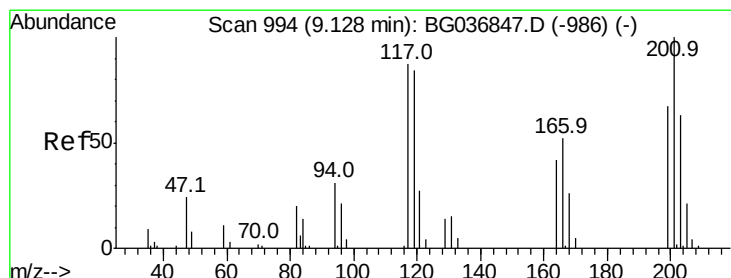
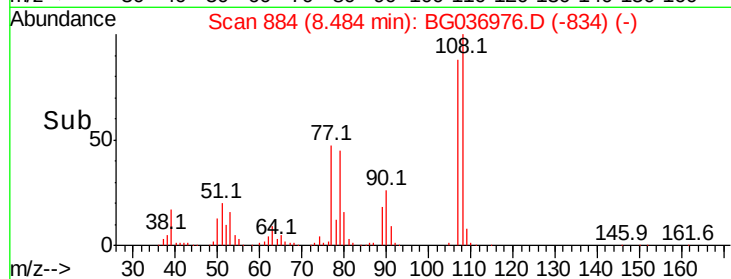
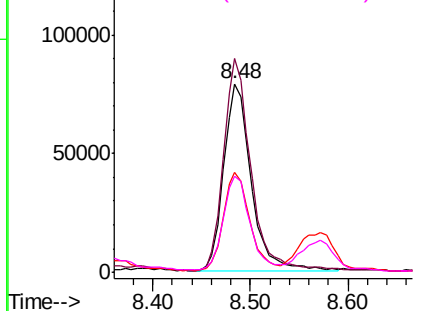
Tot Ion:	107	Resp:	155286
Ion Ratio	Lower	Upper	
107	100		
108	113.3	86.7	130.1
77	52.9	39.0	58.4
79	51.1	36.6	54.8

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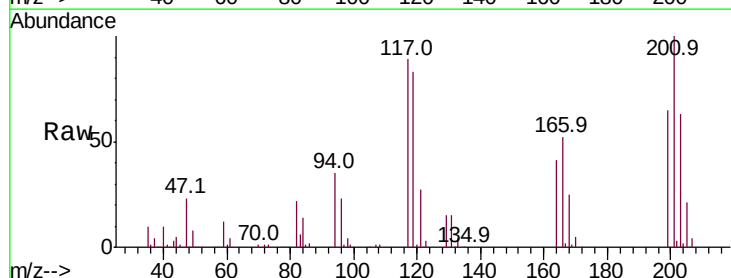


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

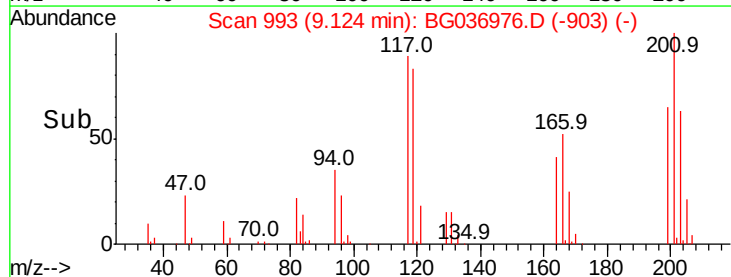
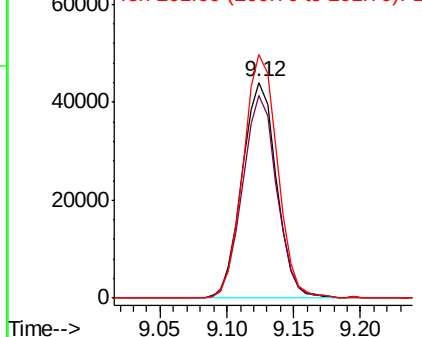


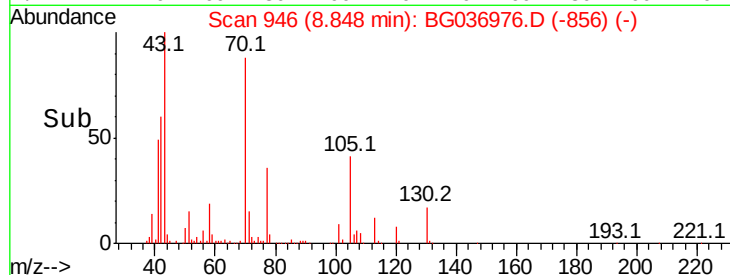
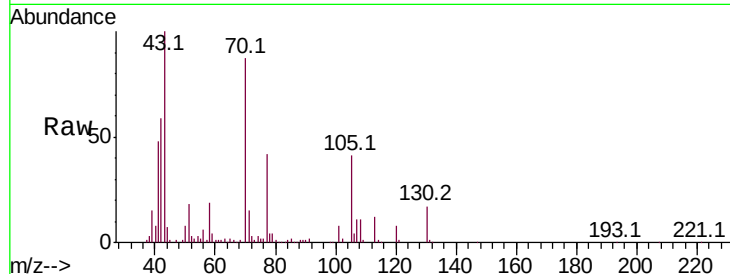
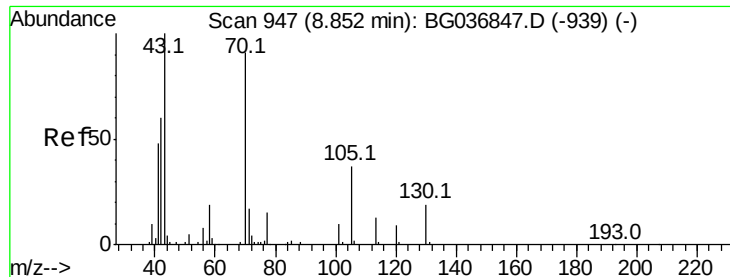
#18
Hexachloroethane
Concen: 45.318 ng
RT: 9.12 min Scan# 993
Delta R.T. -0.00 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

Tgt Ion:	117	Resp:	78277
Ion Ratio	Lower	Upper	
117	100		
119	94.0	76.8	115.2
201	112.9	85.7	128.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





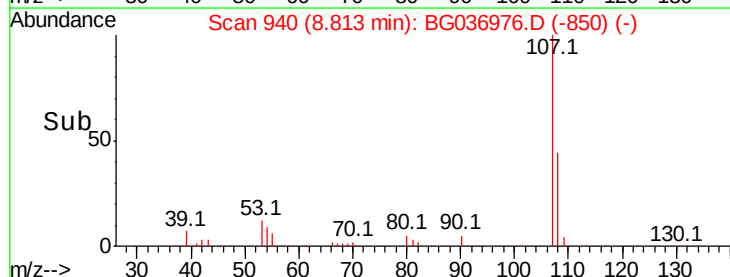
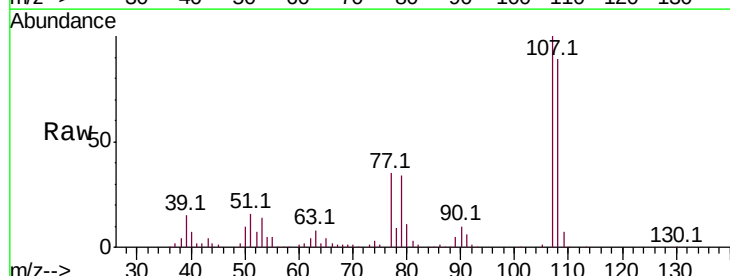
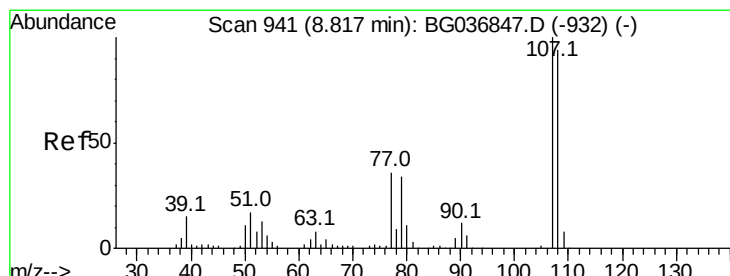
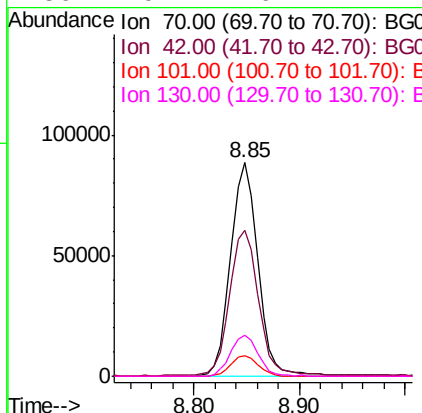
#19
n-Nitroso-di-n-propylamine
Concen: 38.200 ng
RT: 8.85 min Scan# 946
Delta R.T. -0.00 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

Instrument :
BNA_G
ClientSampled :
COMPMSSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		158413		
42	68.1	56.2		84.4	
101	9.7	7.8		11.6	
130	19.2	16.2		24.2	

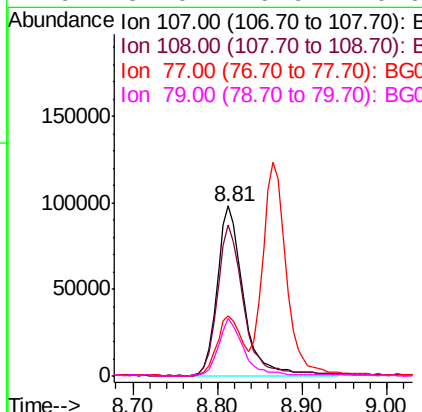
Manual Integrations
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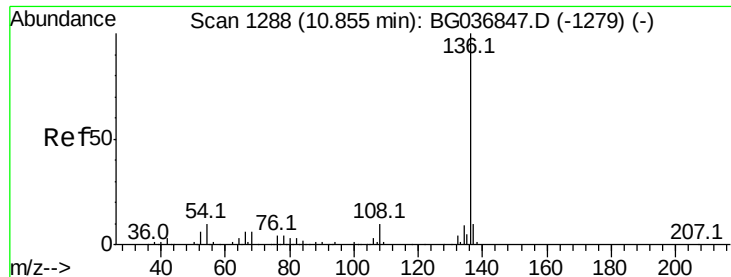
Sohil
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#20
3+4-Methylphenols
Concen: 42.626 ng
RT: 8.81 min Scan# 940
Delta R.T. -0.00 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		212512		
108	88.8	68.0		108.0	
77	35.1	15.6		55.6	
79	34.0	9.9		49.9	





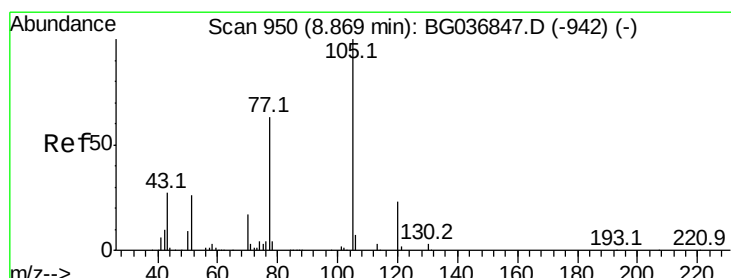
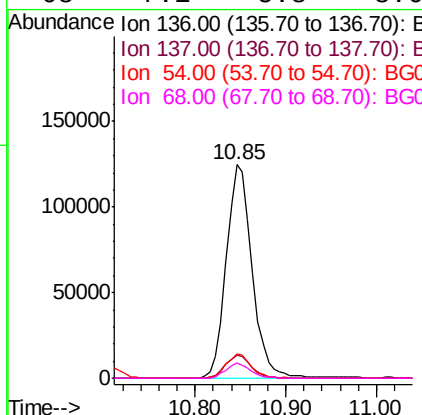
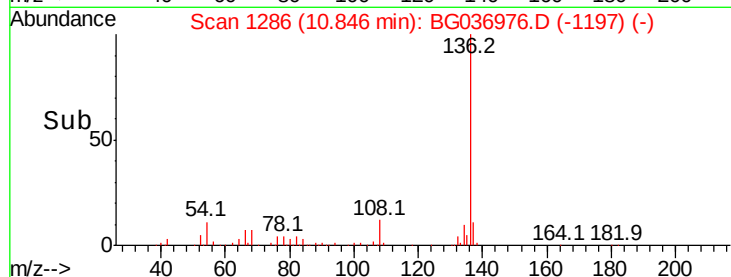
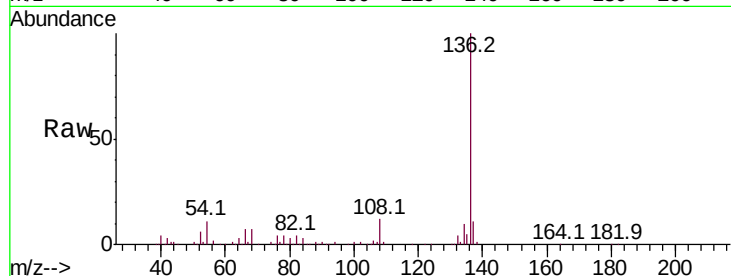
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

Instrument :
BNA_G
ClientSampleId :
COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	247524		
137	10.7		8.8	13.2
54	11.2		9.2	13.8
68	7.1		5.8	8.6

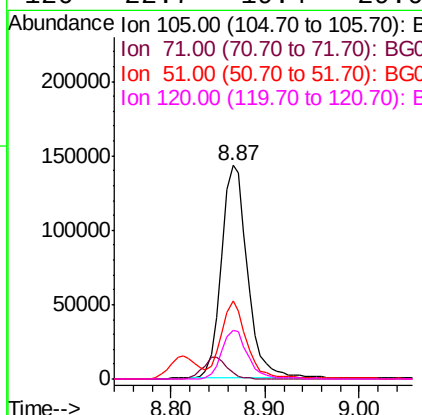
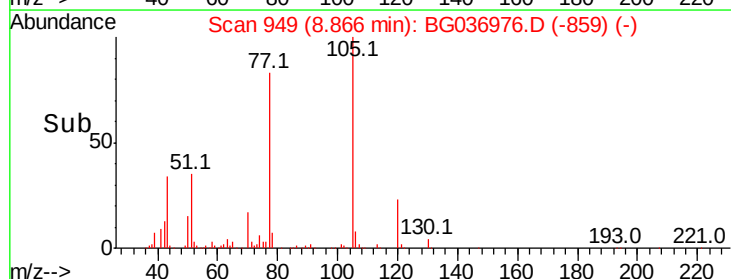
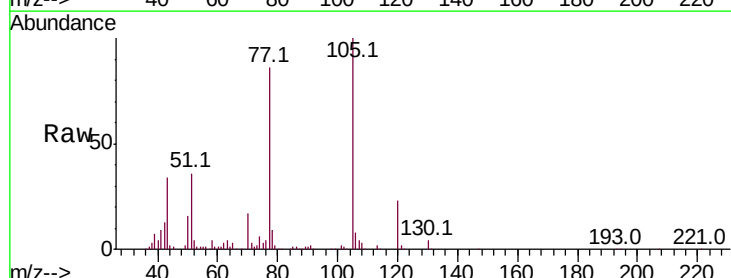
Manual Integrations
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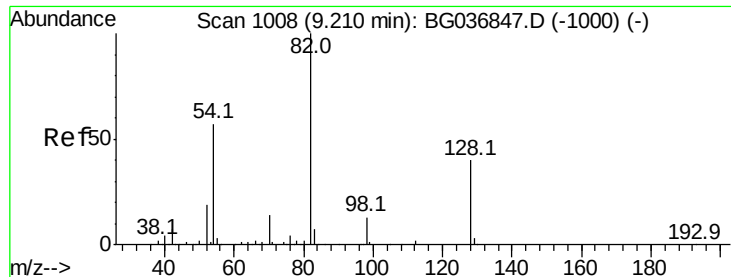
Sohil
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#22
Acetophenone
Concen: 47.606 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	276914		
71	3.0		2.4	3.6
51	36.5		25.9	38.9
120	22.7		19.4	29.0





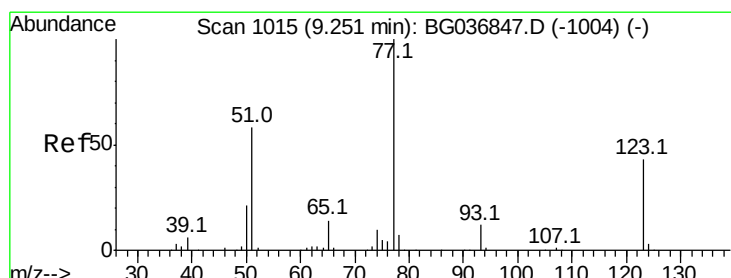
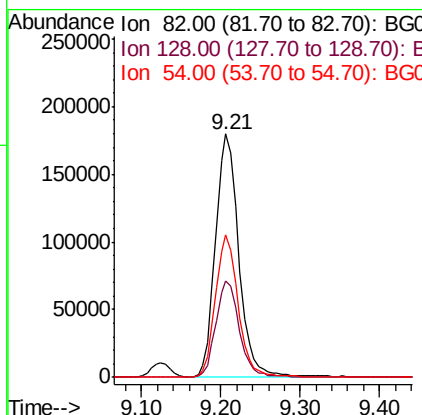
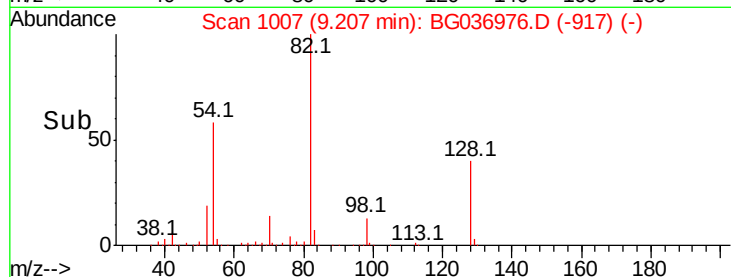
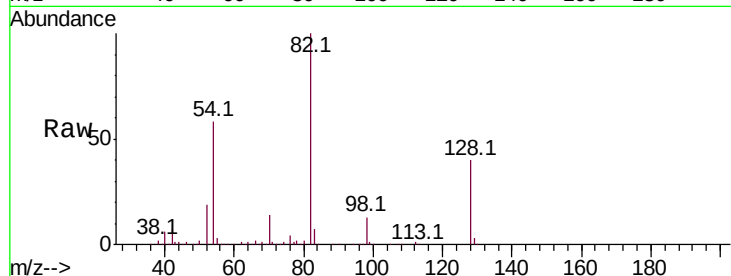
#23
 Nitrobenzene-d5
 Concen: 79.269 ng
 RT: 9.21 min Scan# 1007
 Delta R.T. -0.00 min
 Lab File: BG036976.D
 Acq: 26 Sep 2018 9:11

Instrument :
 BNA_G
 ClientSampleId :
 COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	39.7	33.3	49.9	
54	58.3	45.1	67.7	

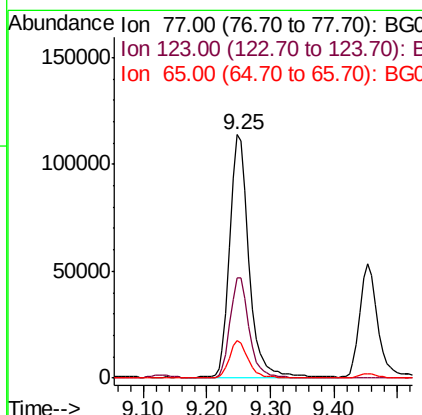
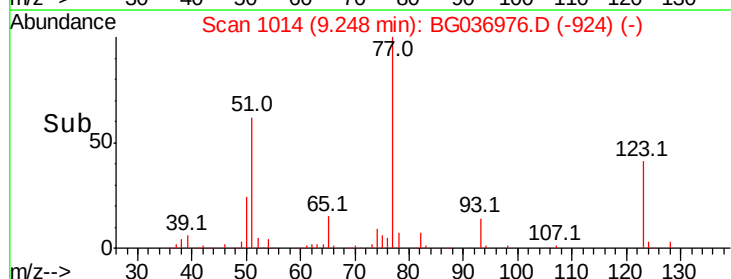
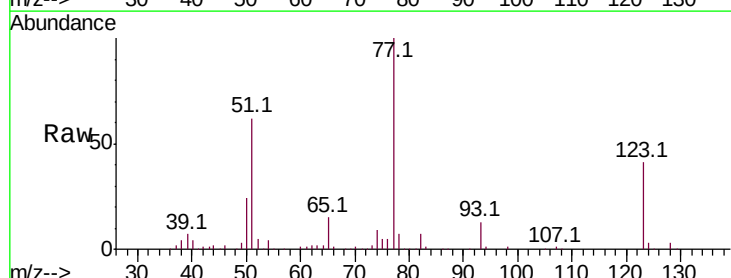
Manual Integrations
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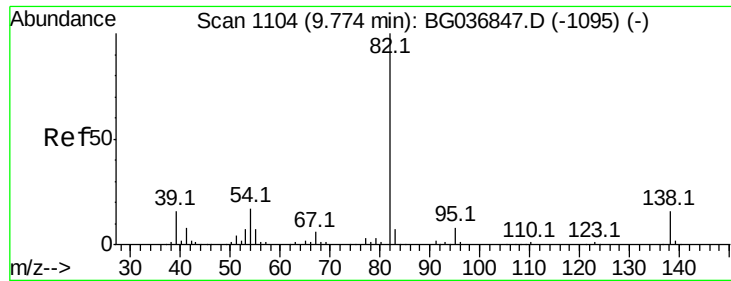
Sohil
 9/26/2018 3:45:30 PM



#24
 Nitrobenzene
 Concen: 47.575 ng
 RT: 9.25 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: BG036976.D
 Acq: 26 Sep 2018 9:11

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	41.3	32.4	48.6	
65	15.2	11.5	17.3	





#25

Isophorone

Concen: 52.379 ng

RT: 9.77 min Scan# 1103

Delta R.T. -0.00 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

Instrument :

BNA_G

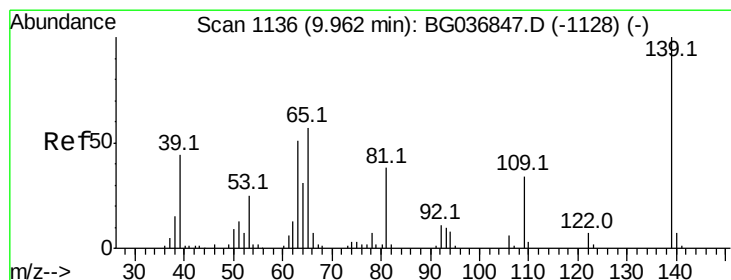
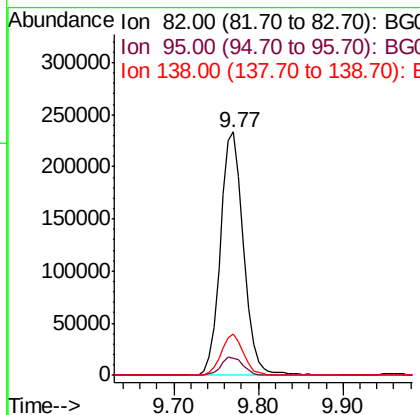
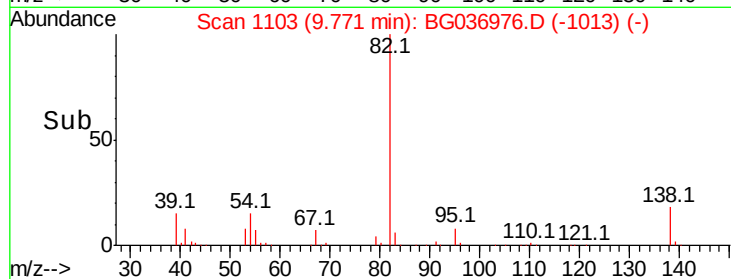
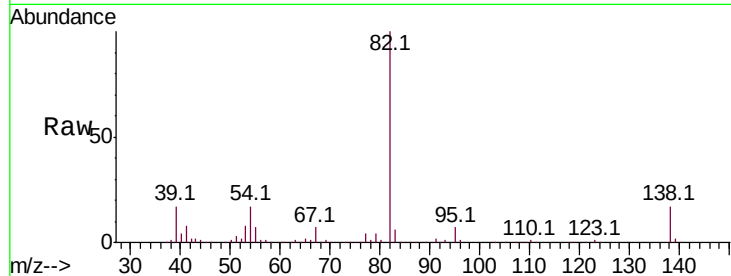
ClientSampleId :

COMPMSD

Tot Ion:	82	Resp:	442379
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.8	8.8
138	17.0	12.9	19.3

Manual Integrations
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9/26/2018 3:45:30 PM



#26

2-Nitrophenol

Concen: 52.238 ng

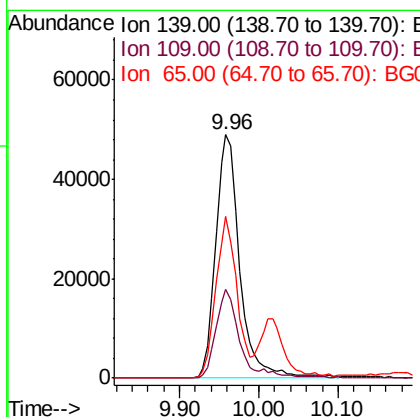
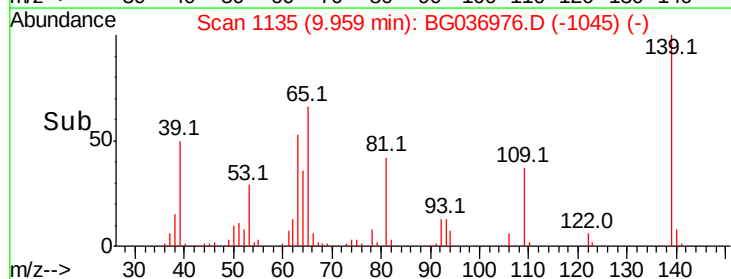
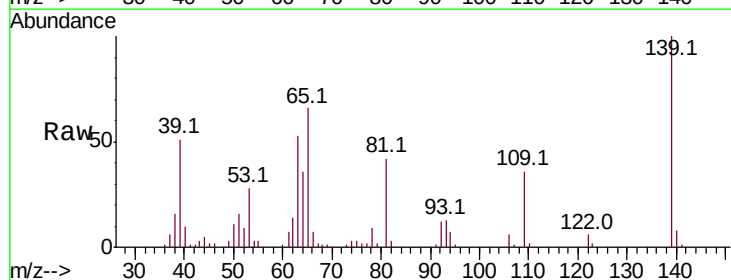
RT: 9.96 min Scan# 1135

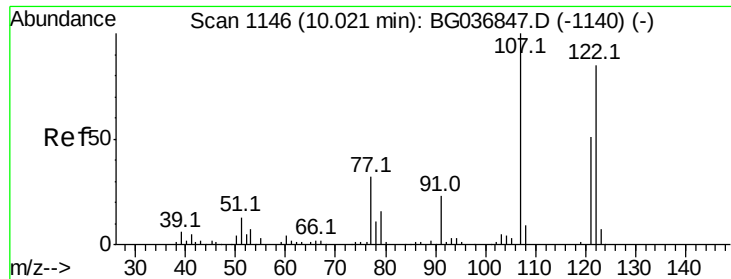
Delta R.T. -0.00 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

Tgt Ion:	139	Resp:	102778
Ion Ratio	Lower	Upper	
139	100		
109	36.4	27.4	41.0
65	66.4	47.8	71.6





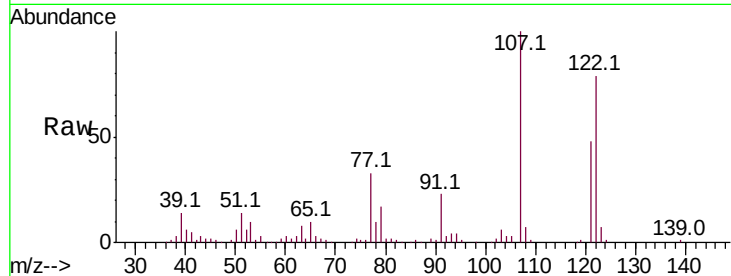
#27
2,4-Dimethylphenol
Concen: 56.431 ng
RT: 10.02 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

Instrument :
BNA_G
ClientSampled :
COMPMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	126.6	96.0	144.0
121	60.4	48.2	72.4

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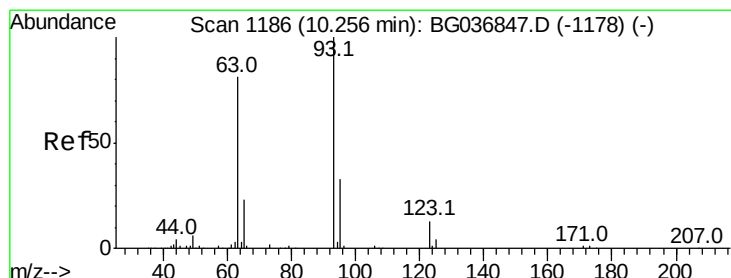
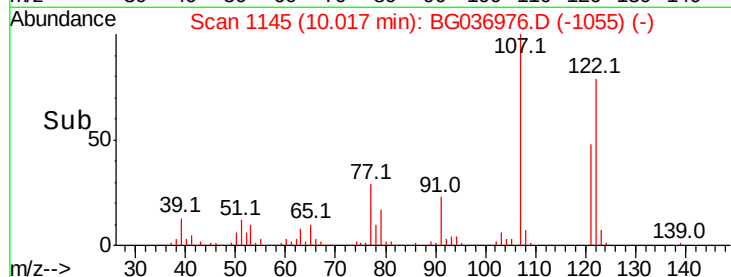
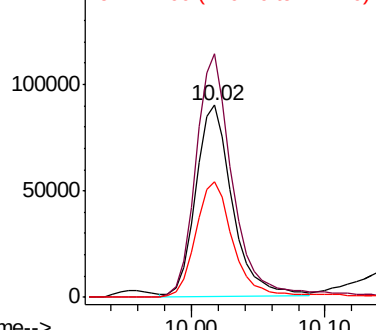


Abundance

Ion 122.00 (121.70 to 122.70): E

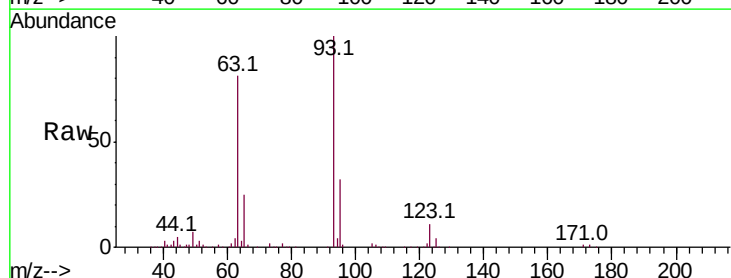
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 47.801 ng
RT: 10.25 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.7	25.2	37.8
123	11.3	8.6	12.8

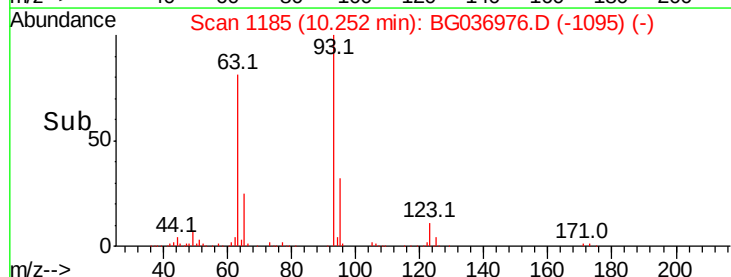
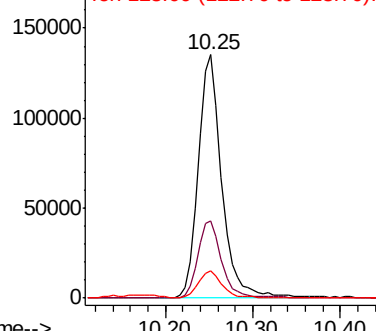


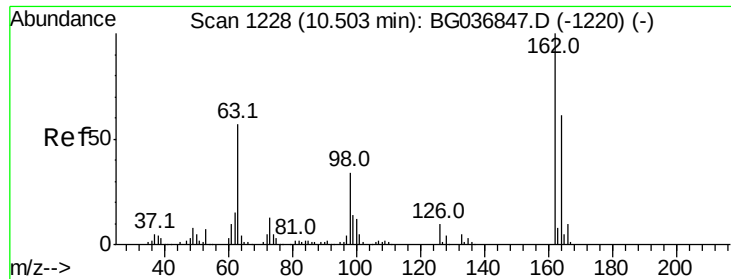
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





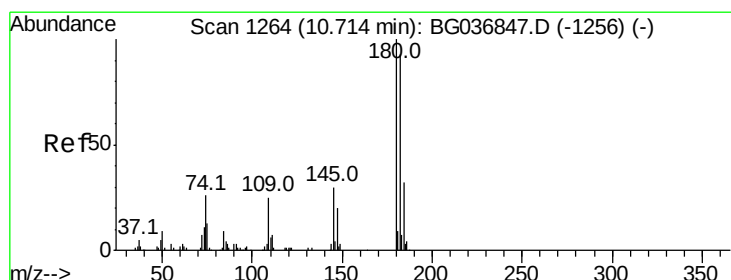
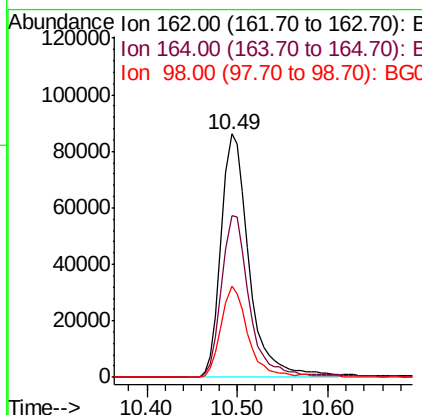
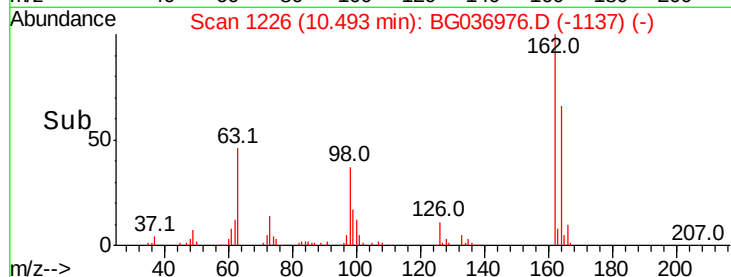
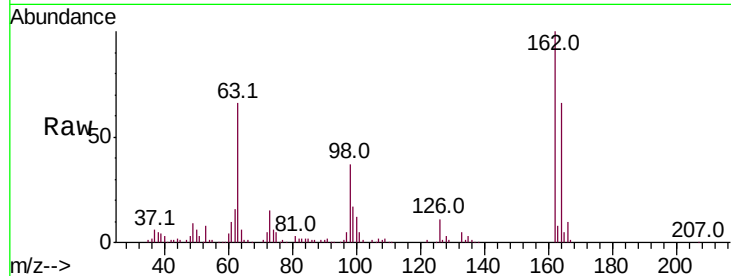
#29
2,4-Dichlorophenol
Concen: 52.273 ng
RT: 10.49 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

Instrument :
BNA_G
ClientSampled :
COMPMSD

Tot Ion:	162	Resp:	185714
Ion Ratio	Lower	Upper	
162	100		
164	66.2	47.6	87.6
98	37.4	19.2	59.2

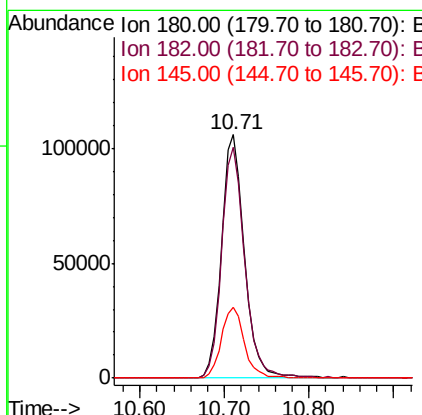
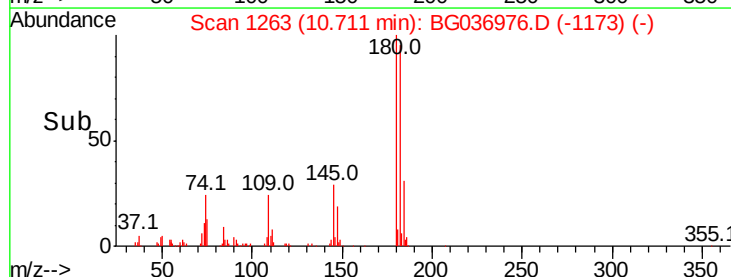
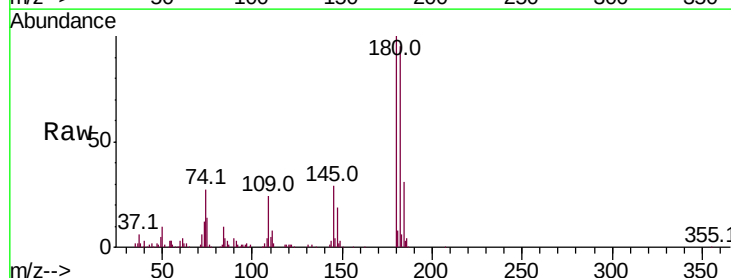
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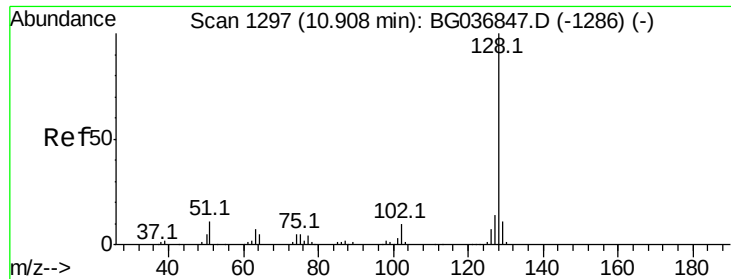
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#30
1,2,4-Trichlorobenzene
Concen: 44.784 ng
RT: 10.71 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

Tgt Ion:	180	Resp:	199116
Ion Ratio	Lower	Upper	
180	100		
182	94.9	76.0	114.0
145	28.9	22.9	34.3





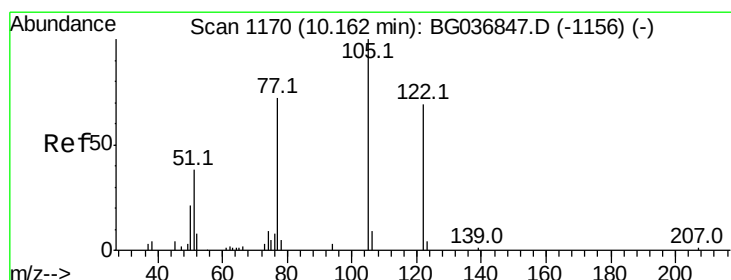
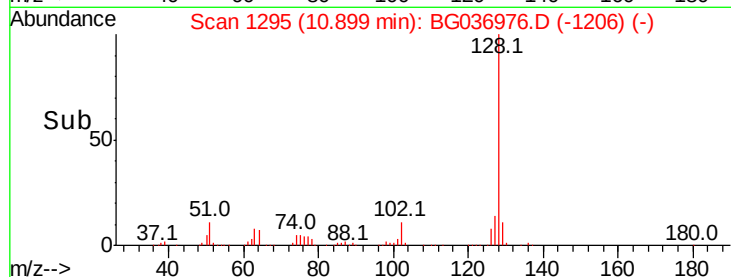
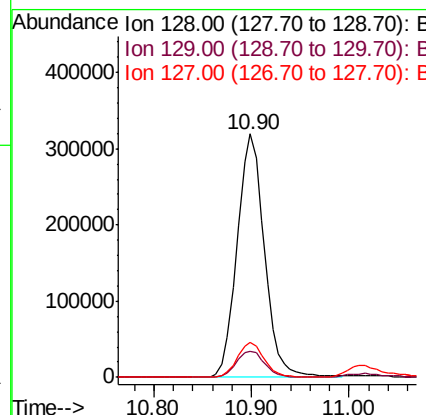
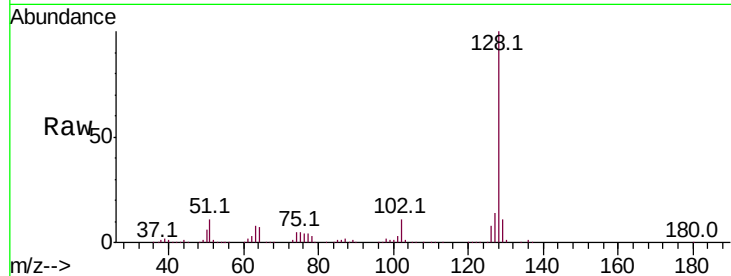
#31
Naphthalene
Concen: 52.919 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

Instrument :
BNA_G
ClientSampleId :
COMPMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.4	14.2
127	14.1	11.0	16.4

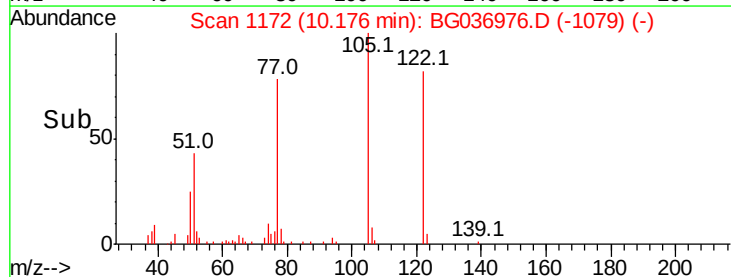
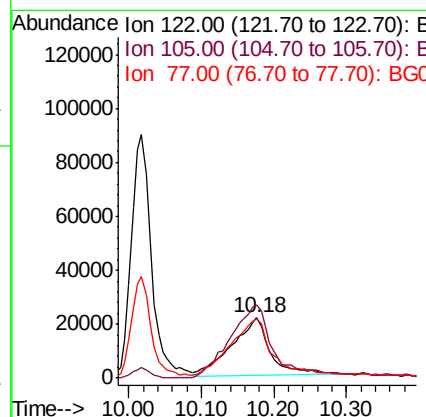
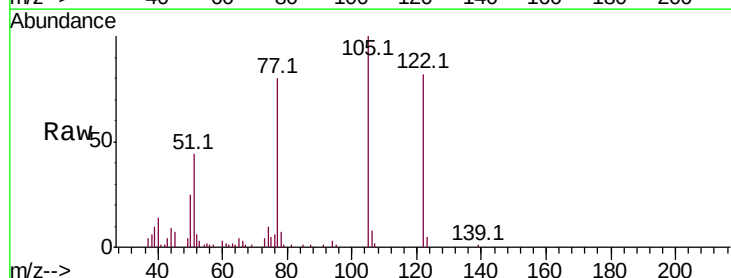
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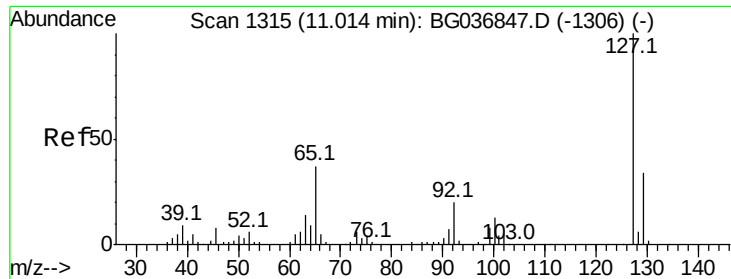
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#32
Benzoic acid
Concen: 35.686 ng
RT: 10.18 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.7	108.1	148.1
77	97.4	76.3	116.3





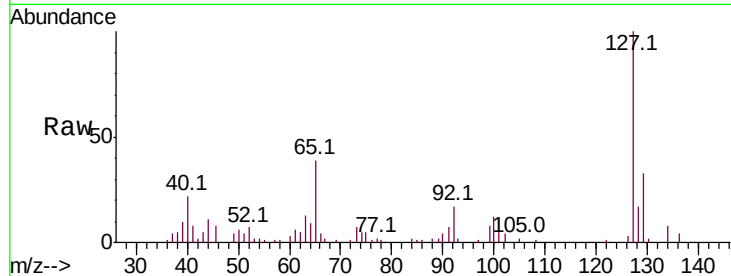
#33
4-Chloroaniline
Concen: 8.352 ng
RT: 11.02 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

Instrument :
BNA_G
ClientSampled :
COMPMSSD

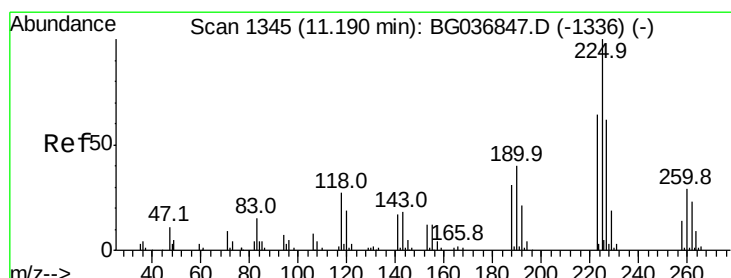
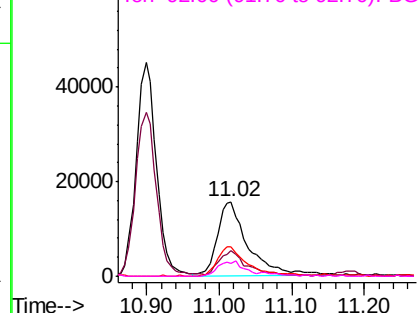
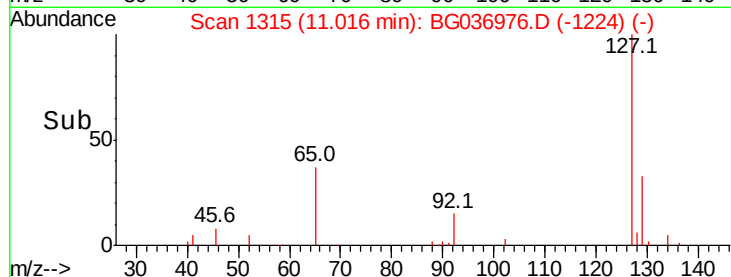
Tot Ion	Ratio	Lower	Upper
127	100		
129	33.5	25.9	38.9
65	39.1	27.5	41.3
92	17.0	16.2	24.2

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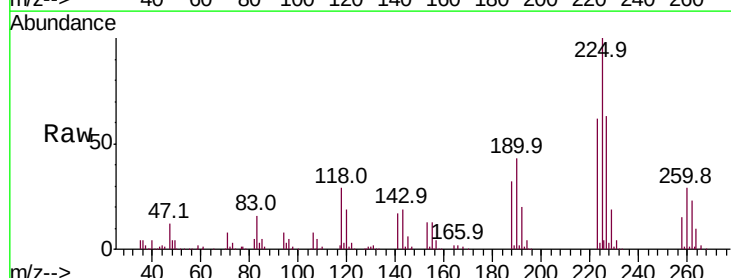


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

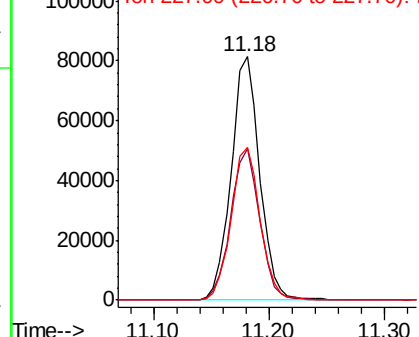
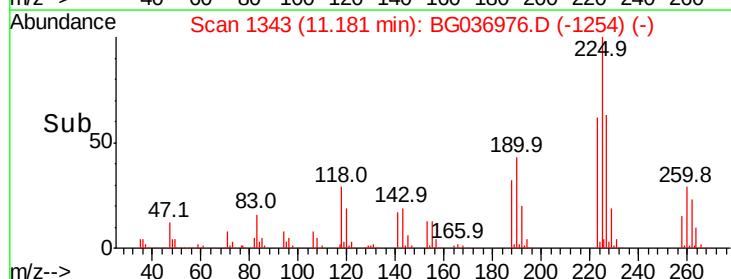


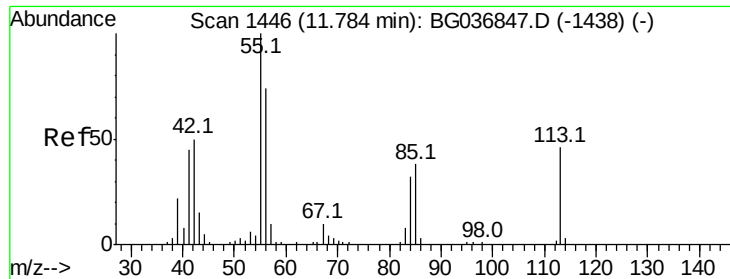
#34
Hexachlorobutadiene
Concen: 45.274 ng
RT: 11.18 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	51.8	77.8
227	62.5	49.8	74.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





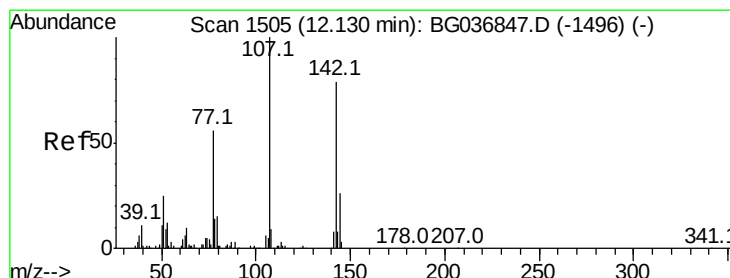
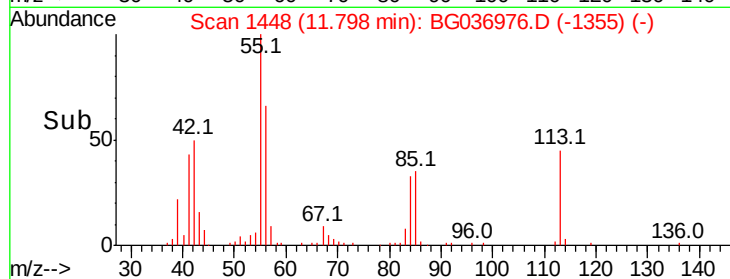
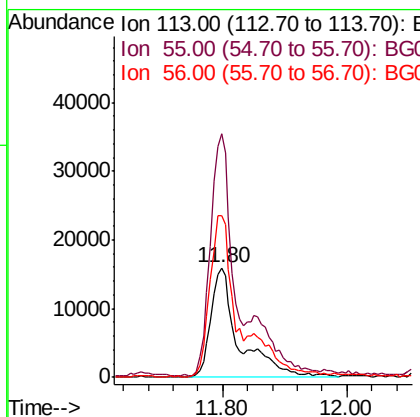
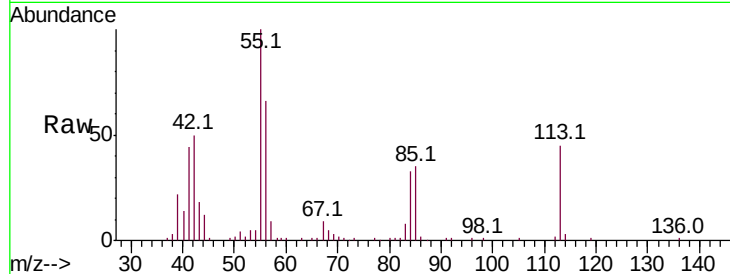
#35
 Caprolactam
 Concen: 34.689 ng/ml
 RT: 11.80 min Scan# 1448
 Delta R.T. 0.01 min
 Lab File: BG036976.D
 Acq: 26 Sep 2018 9:11

Instrument :
 BNA_G
 ClientSampled :
 COMPMSD

Tot Ion:113 Resp: 50725
 Ion Ratio Lower Upper
 113 100
 55 223.0 197.7 237.7
 56 147.6 131.7 171.7

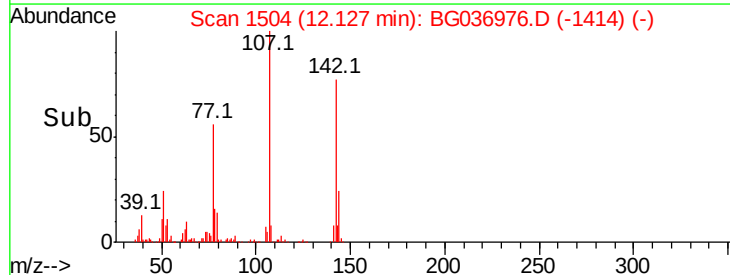
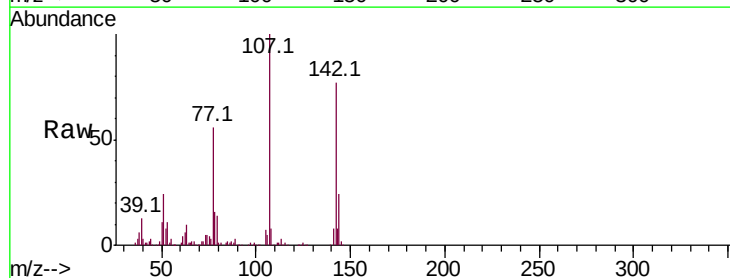
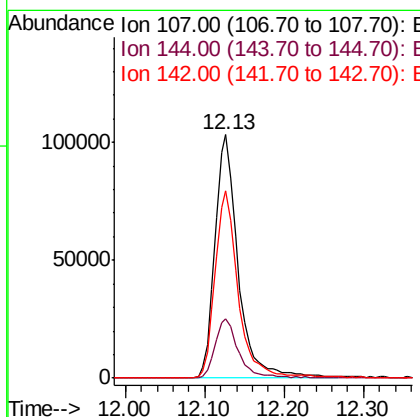
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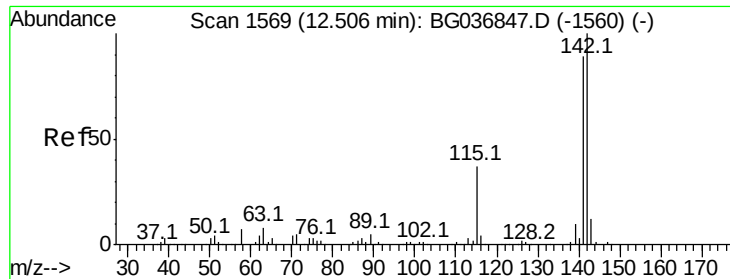
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#36
 4-Chloro-3-methylphenol
 Concen: 49.344 ng
 RT: 12.13 min Scan# 1504
 Delta R.T. -0.00 min
 Lab File: BG036976.D
 Acq: 26 Sep 2018 9:11

Tgt Ion:107 Resp: 209177
 Ion Ratio Lower Upper
 107 100
 144 24.1 19.5 29.3
 142 77.0 62.4 93.6





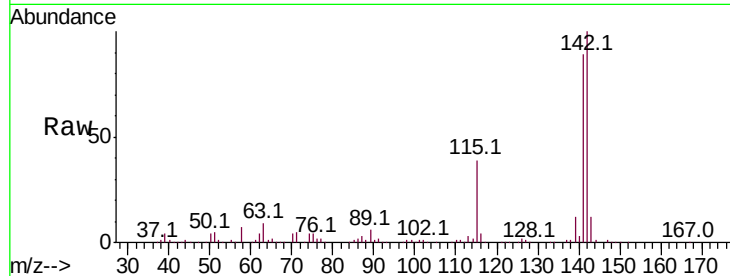
#37
2-Methylnaphthalene
Concen: 48.479 ng
RT: 12.50 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

Instrument :
BNA_G
ClientSampleId :
COMPMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	68.5	102.7
115	38.8	29.8	44.8

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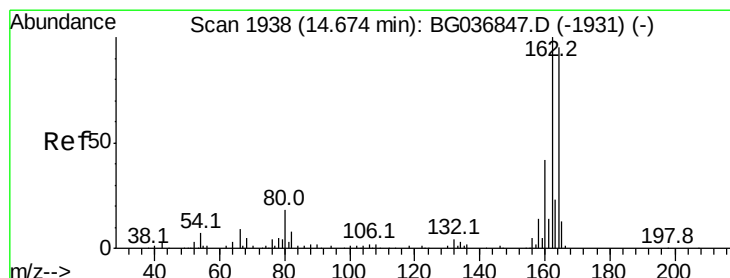
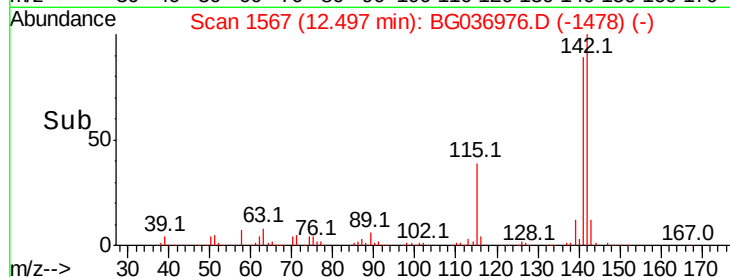
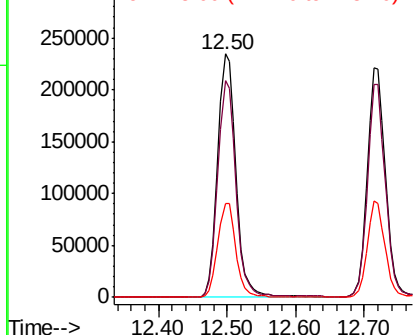


Abundance

Ion 142.00 (141.70 to 142.70): E

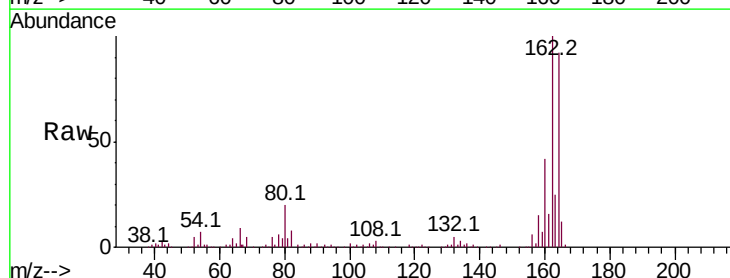
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.00 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.6	80.7	121.1
160	46.0	35.3	52.9

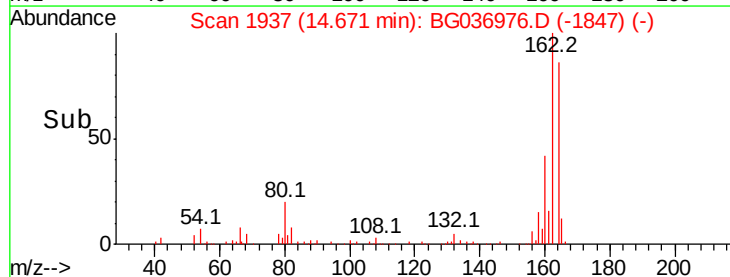
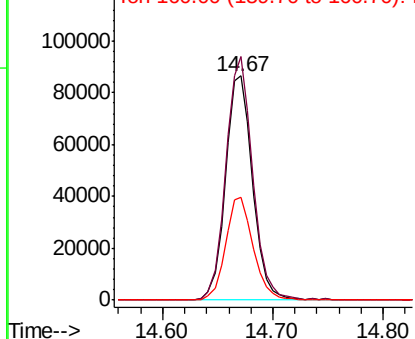


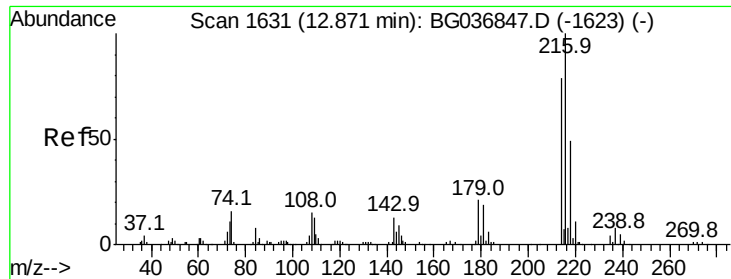
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





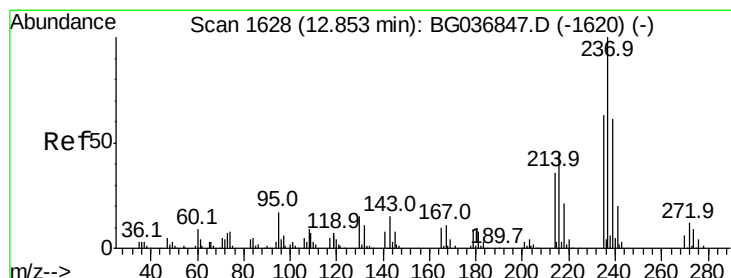
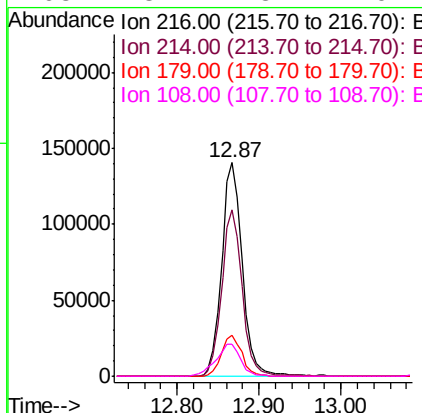
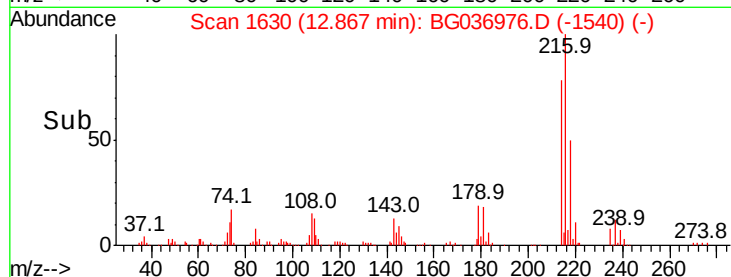
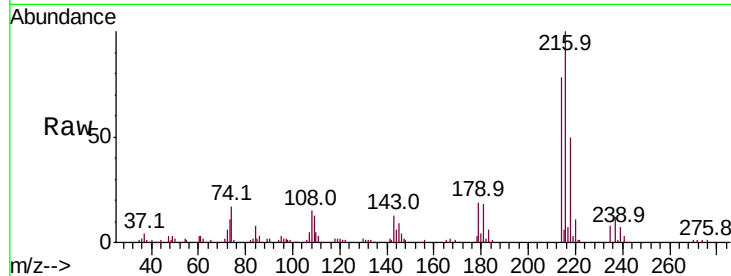
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.161 ng
 RT: 12.87 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: BG036976.D
 Acq: 26 Sep 2018 9:11

Instrument :
 BNA_G
 ClientSampleId :
 COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	245400		
214	77.8	61.0	91.6	
179	19.2	15.7	23.5	
108	18.4	13.1	19.7	

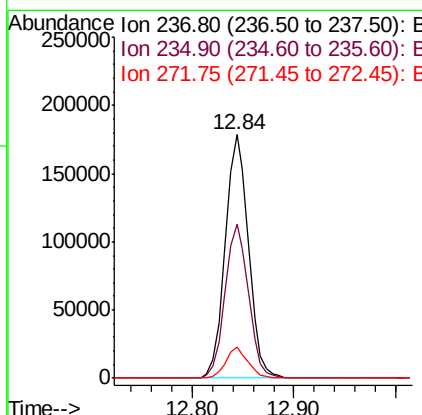
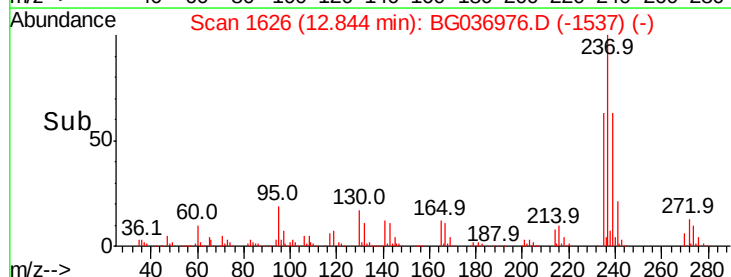
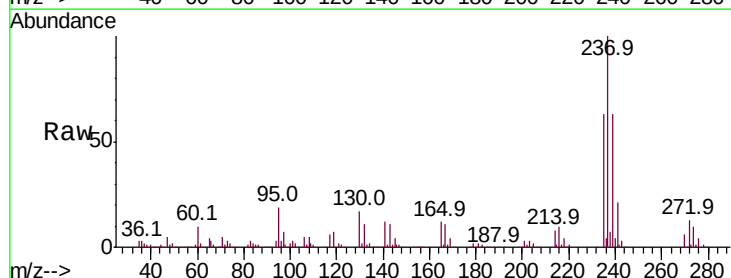
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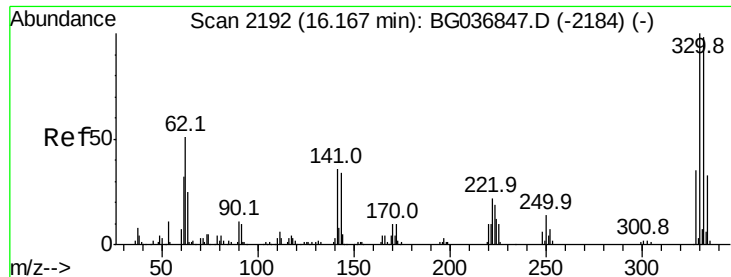
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 106.221 ng
 RT: 12.84 min Scan# 1626
 Delta R.T. -0.01 min
 Lab File: BG036976.D
 Acq: 26 Sep 2018 9:11

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	284263		
235	63.1	42.2	82.2	
272	12.6	0.0	32.1	





#41

2,4,6-Tribromophenol

Concen: 115.501 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.00 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

Instrument :

BNA_G

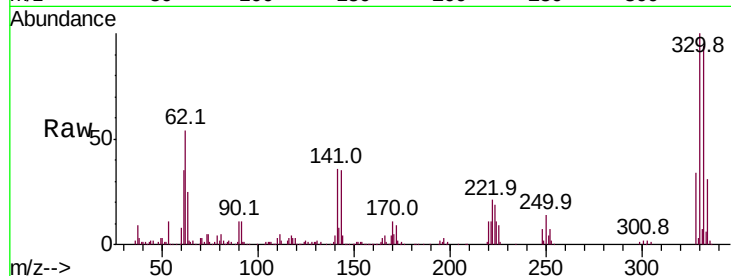
ClientSampled :

COMPMSD

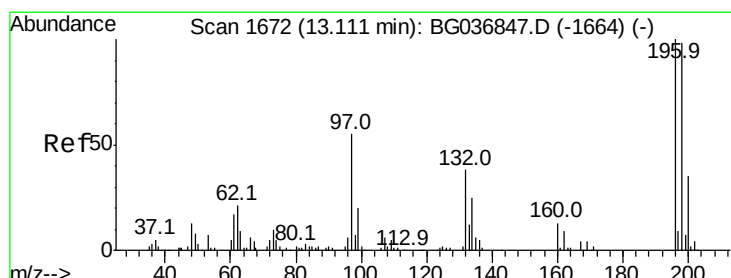
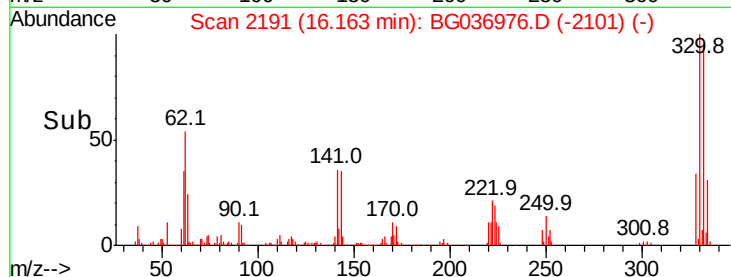
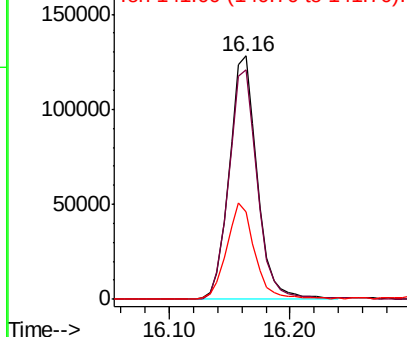
Tot Ion:	330	Resp:	206164
Ion Ratio	Lower	Upper	
330	100		
332	95.7	75.4	113.2
141	39.0	30.7	46.1

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 54.103 ng

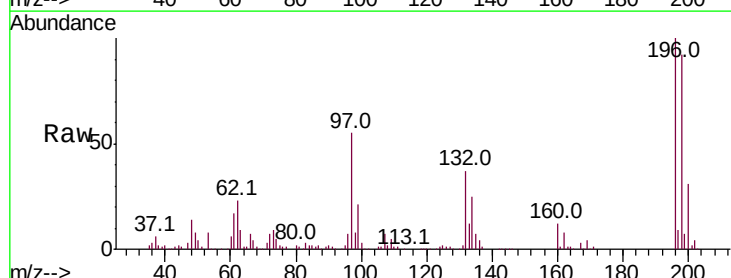
RT: 13.10 min Scan# 1670

Delta R.T. -0.01 min

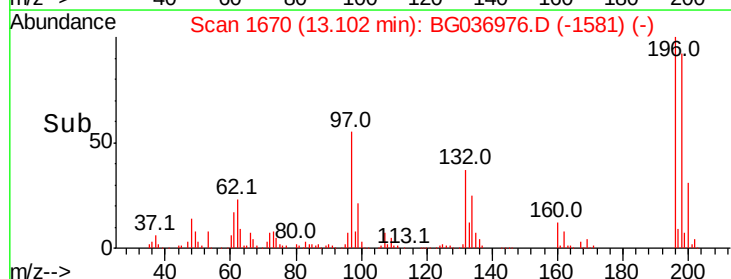
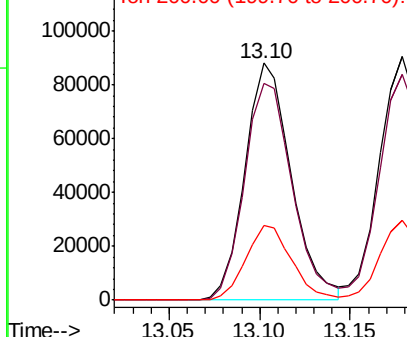
Lab File: BG036976.D

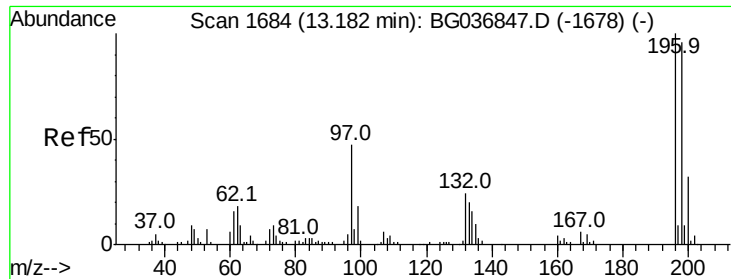
Acq: 26 Sep 2018 9:11

Tgt Ion:	196	Resp:	156329
Ion Ratio	Lower	Upper	
196	100		
198	91.8	77.2	115.8
200	31.4	26.3	39.5



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





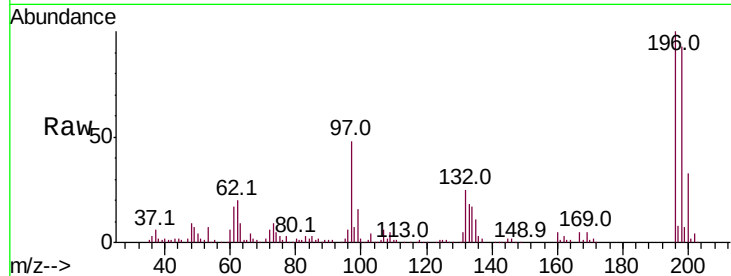
#43
 2,4,5-Trichlorophenol
 Concen: 55.701 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: BG036976.D
 Acq: 26 Sep 2018 9:11

Instrument :
 BNA_G
 ClientSampleId :
 COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	171620		
198	92.7	75.6	113.4	
97	47.7	37.2	55.8	
132	25.0	19.4	29.2	

Manual Integrations
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 9/26/2018 3:45:30 PM



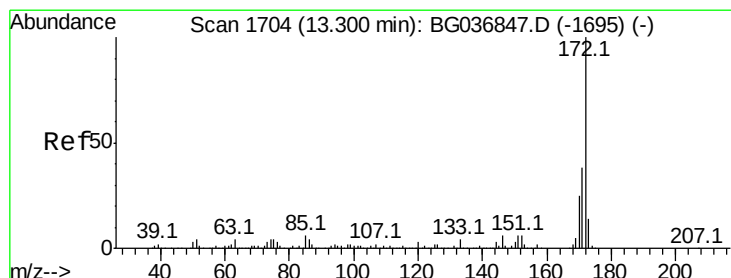
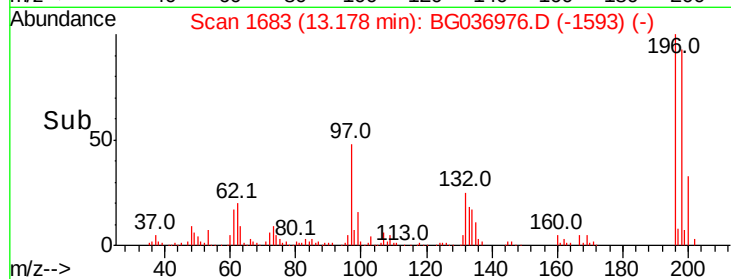
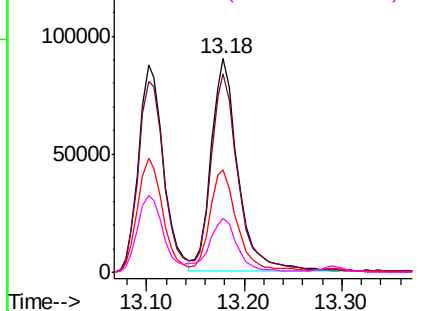
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

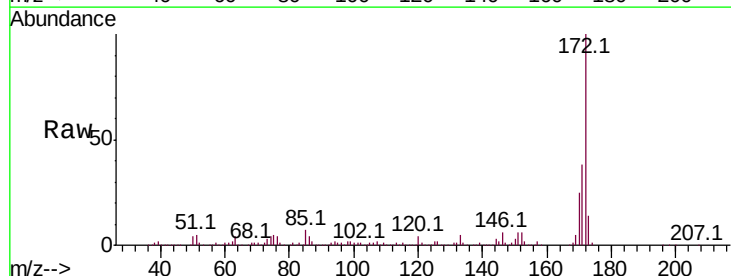
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 74.792 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG036976.D
 Acq: 26 Sep 2018 9:11

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	749176		
171	38.4	31.3	46.9	
170	25.4	21.0	31.6	

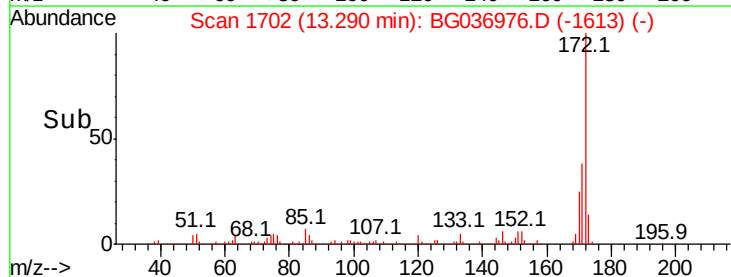
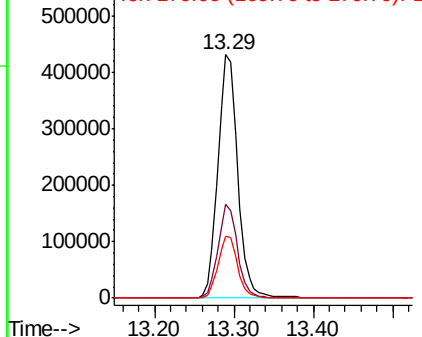


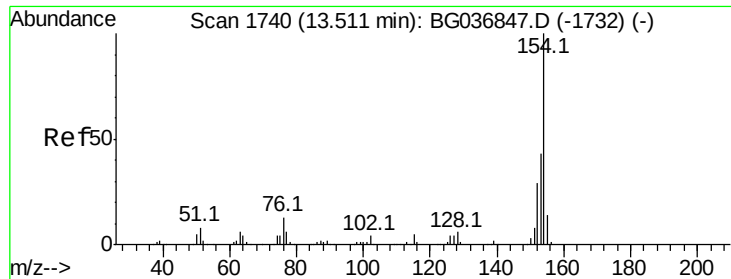
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





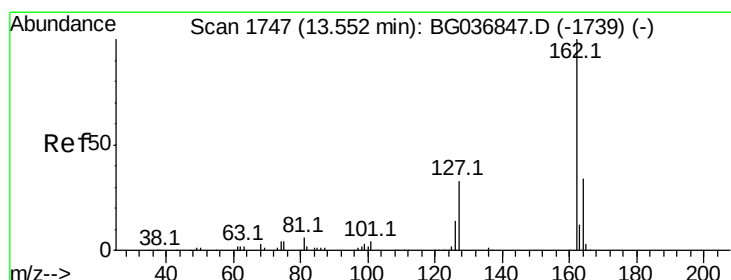
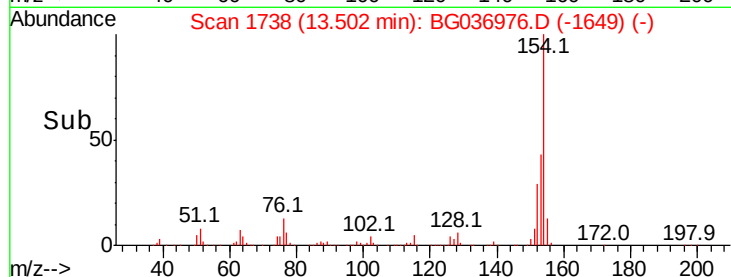
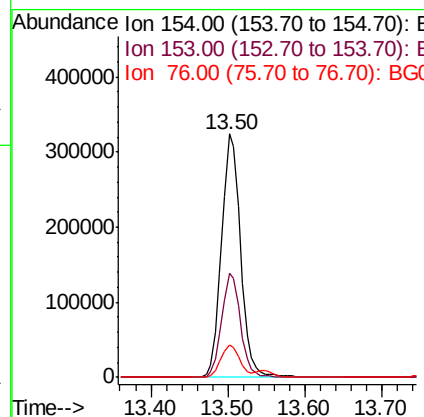
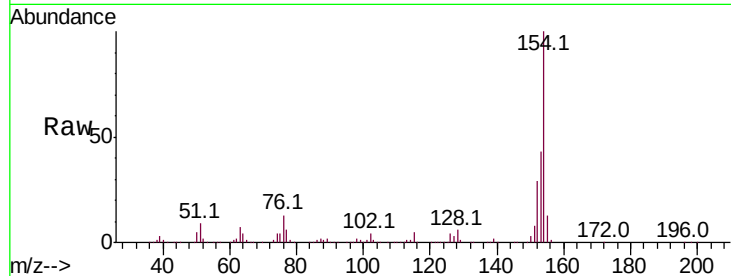
#45
 1,1'-Biphenyl
 Concen: 48.489 ng
 RT: 13.50 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG036976.D
 Acq: 26 Sep 2018 9:11

Instrument :
 BNA_G
 ClientSampled :
 COMPMDS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	42.8	24.0	64.0	
76	13.2	0.0	32.9	

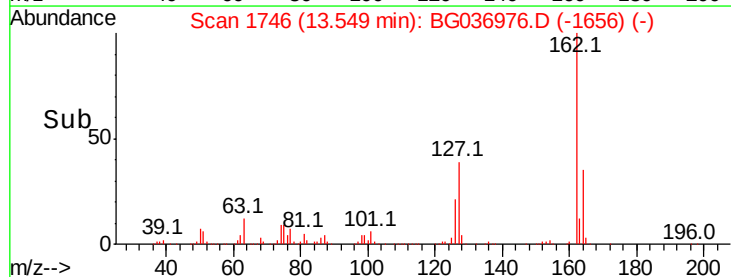
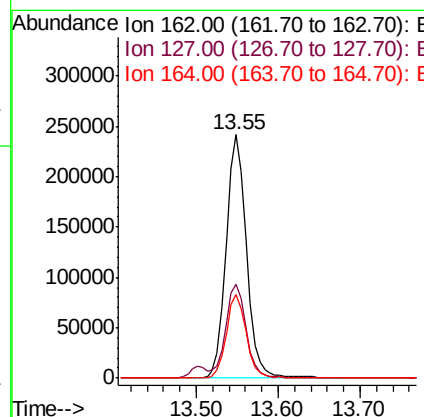
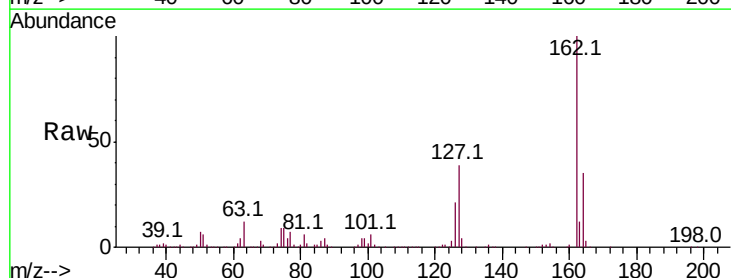
Manual Integrations
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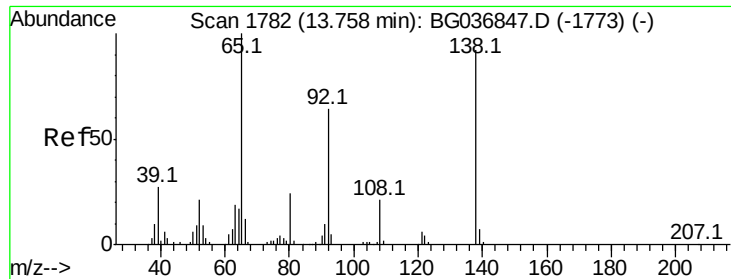
Sohil
 9/26/2018 3:45:30 PM



#46
 2-Chloronaphthalene
 Concen: 46.842 ng
 RT: 13.55 min Scan# 1746
 Delta R.T. -0.00 min
 Lab File: BG036976.D
 Acq: 26 Sep 2018 9:11

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.7	30.7	46.1	
164	34.6	26.7	40.1	





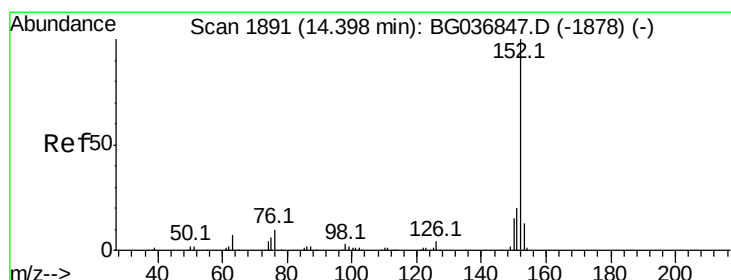
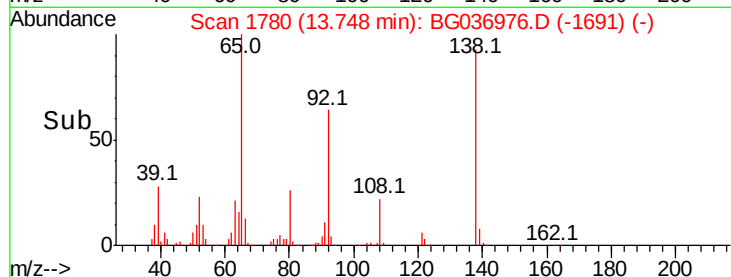
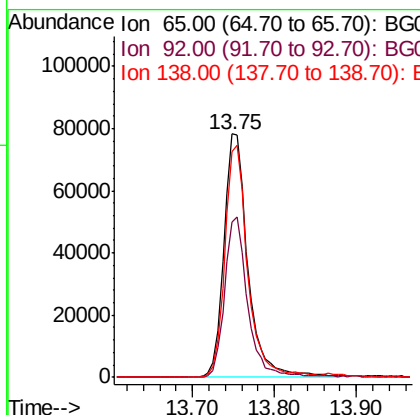
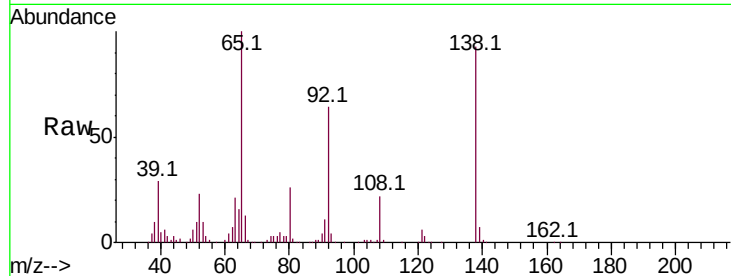
#47
2-Nitroaniline
Concen: 51.519 ng
RT: 13.75 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

Instrument :
BNA_G
ClientSampleId :
COMPMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.7	49.9	74.9
138	92.8	76.2	114.4

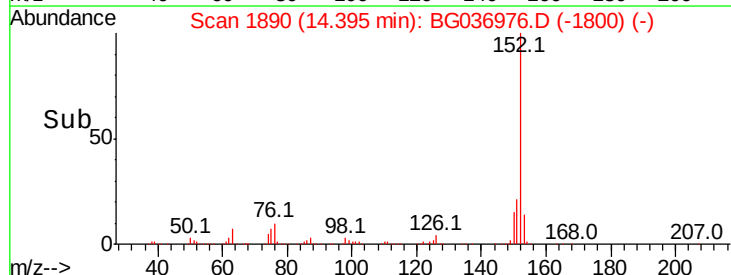
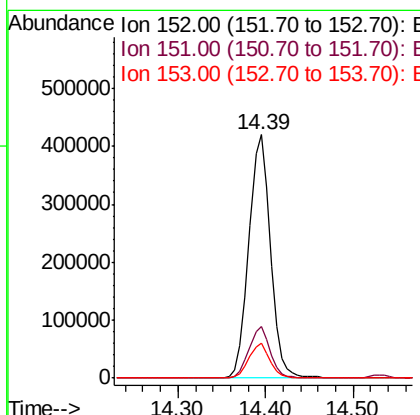
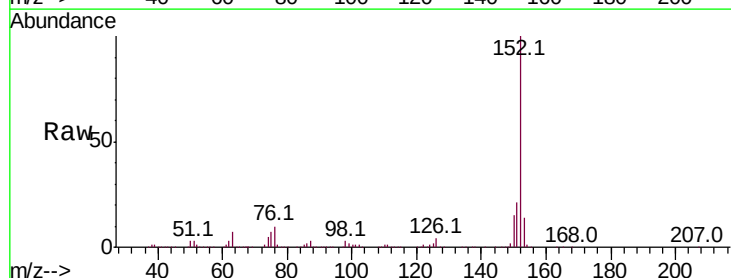
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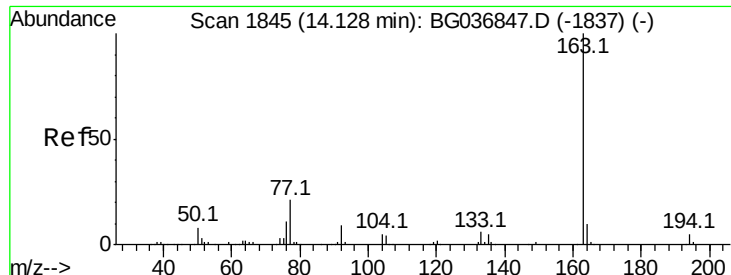
Sohil
9/26/2018 3:45:30 PM



#48
Acenaphthylene
Concen: 49.749 ng
RT: 14.39 min Scan# 1890
Delta R.T. -0.00 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.9	25.3
153	14.2	11.2	16.8





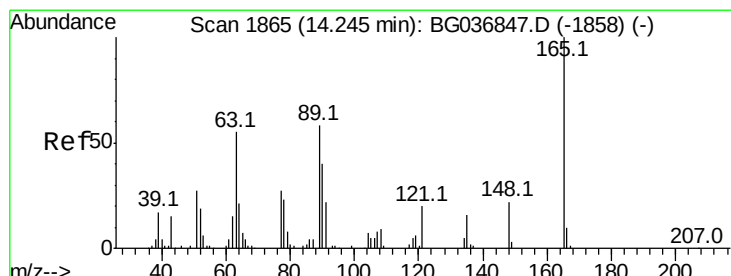
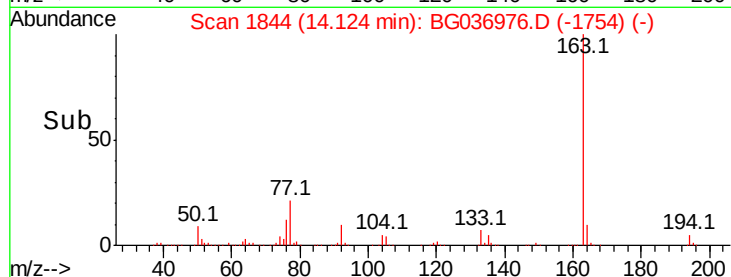
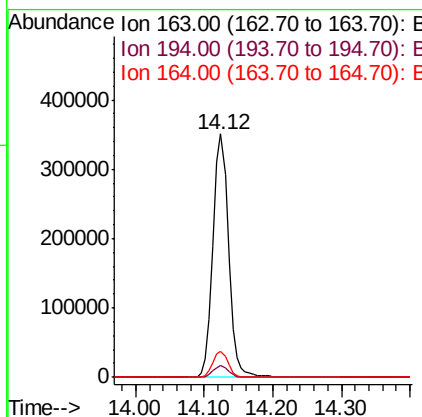
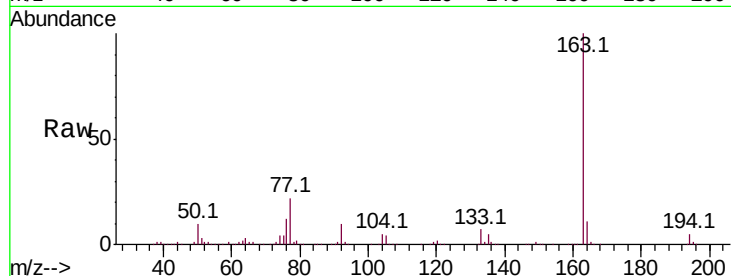
#49
Dimethylphthalate
Concen: 46.192 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

Instrument :
BNA_G
ClientSampleId :
COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	554711		
194	4.8		4.0	6.0
164	10.7		8.1	12.1

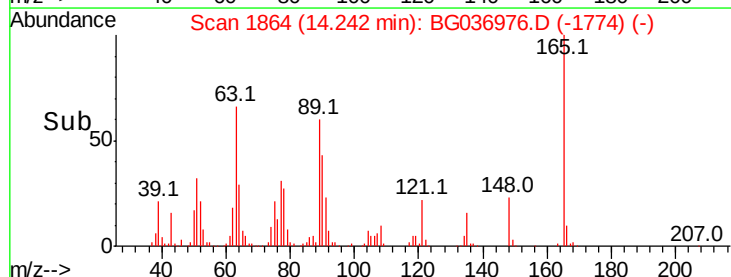
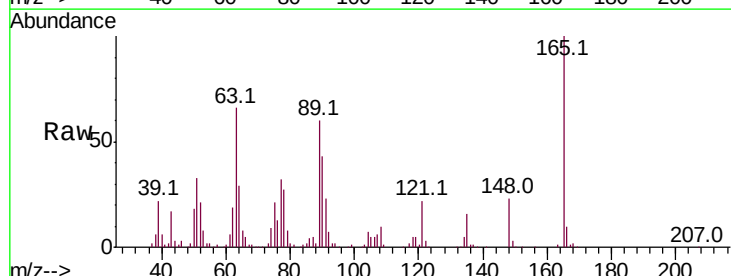
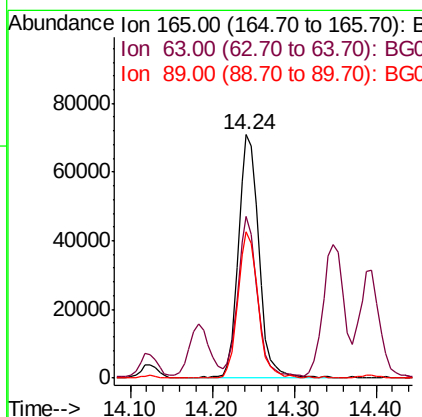
Manual Integrations
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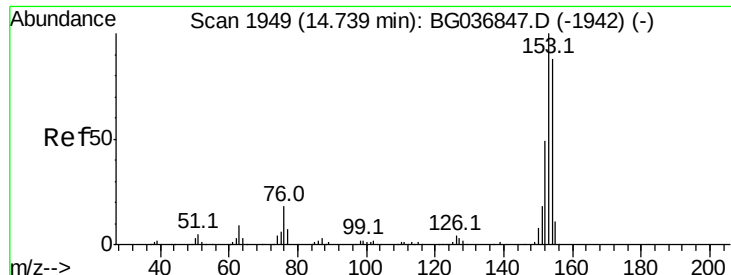
Sohil
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#50
2,6-Dinitrotoluene
Concen: 47.256 ng
RT: 14.24 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	123816		
63	66.4		50.1	75.1
89	60.2		47.8	71.6





#51

Acenaphthene

Concen: 47.358 ng

RT: 14.74 min Scan# 1948

Delta R.T. -0.00 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

Instrument :

BNA_G

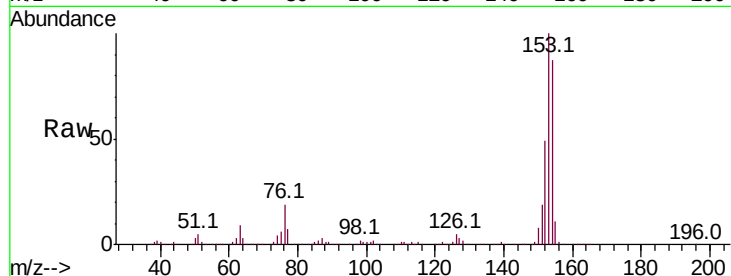
ClientSampled :

COMPMSSD

Tot Ion:	154	Resp:	403001
Ion Ratio	Lower	Upper	
154	100		
153	115.3	91.8	137.6
152	56.7	43.5	65.3

Manual Integrations
APPROVED

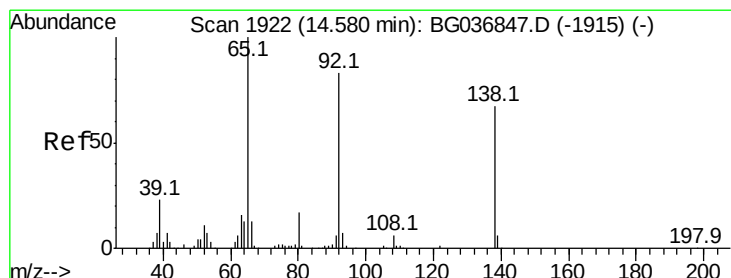
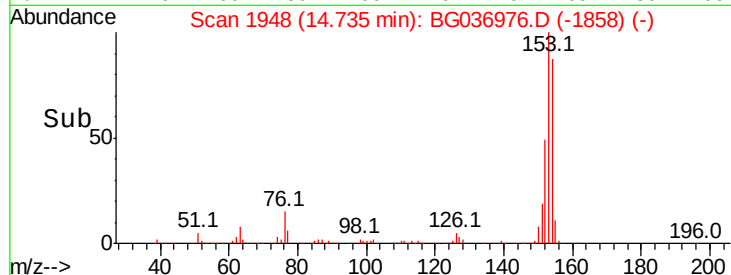
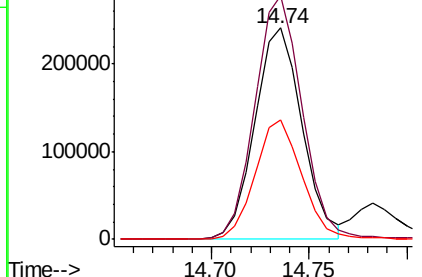
Sohil
9/26/2018 3:45:30 PM



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: 24.096 ng

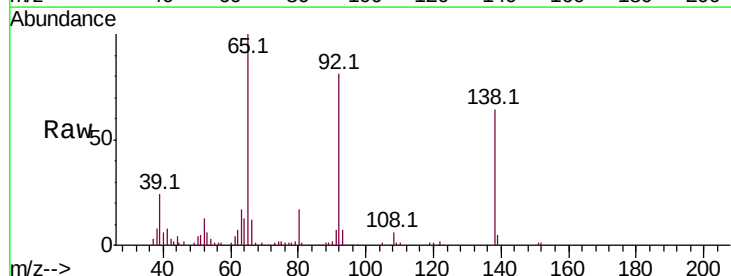
RT: 14.58 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

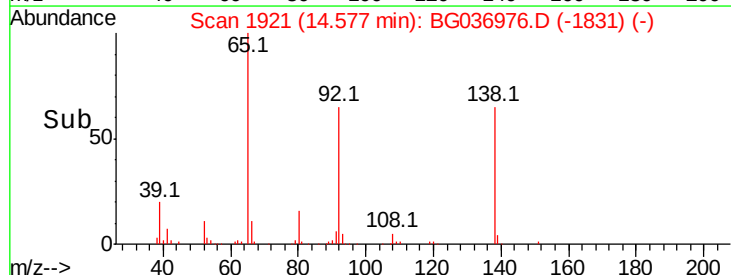
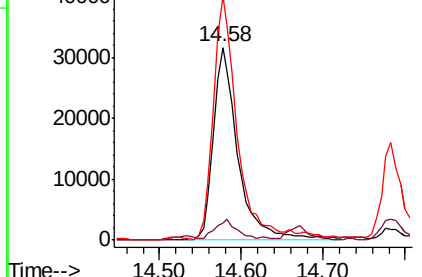
Tgt Ion:	138	Resp:	66526
Ion Ratio	Lower	Upper	
138	100		
108	8.7	9.4	14.2#
92	126.5	96.8	145.2

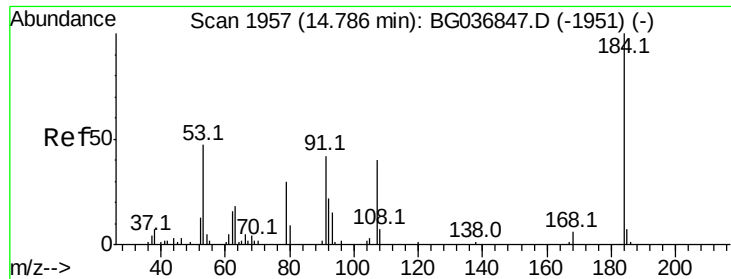


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





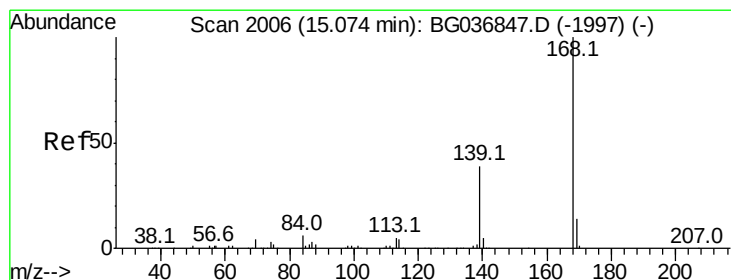
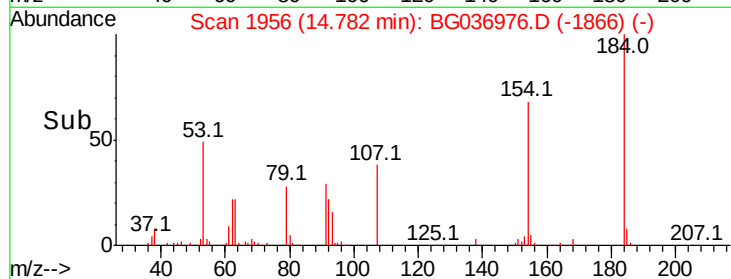
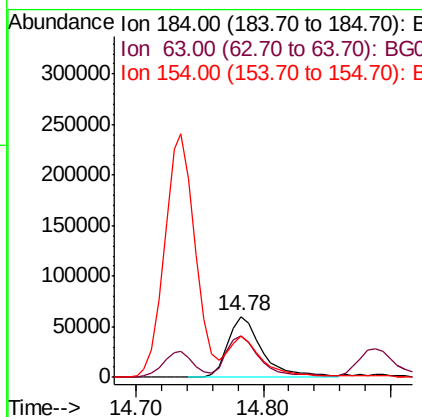
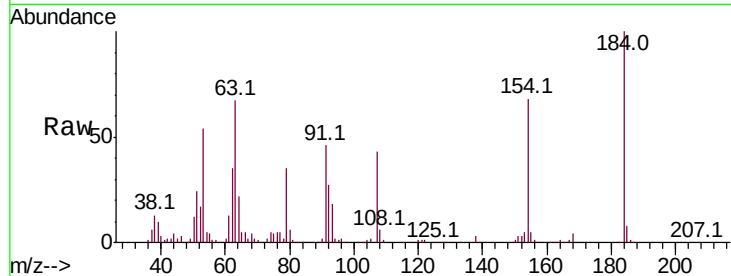
#53
2,4-Dinitrophenol
Concen: 90.879 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

Instrument :
BNA_G
ClientSampleId :
COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	67.4	47.3	70.9	
154	67.7	51.1	76.7	

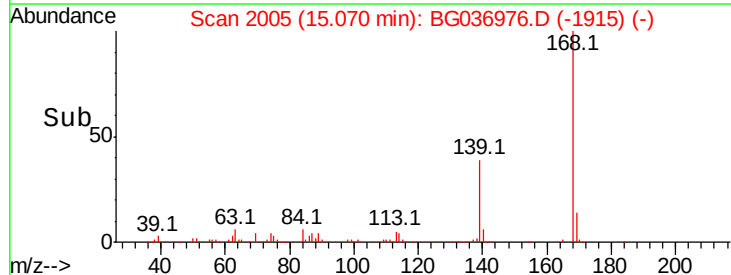
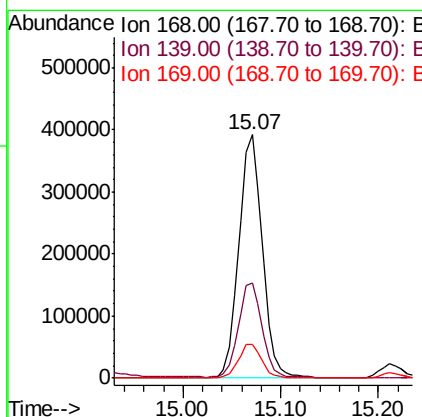
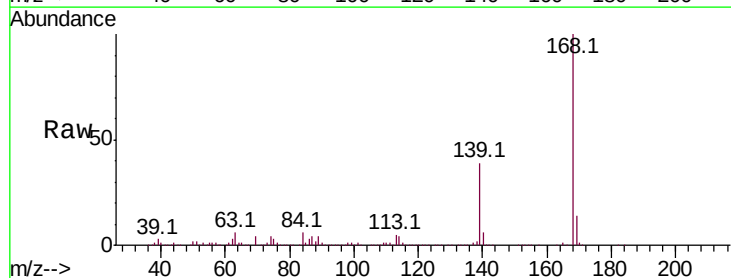
Manual Integrations
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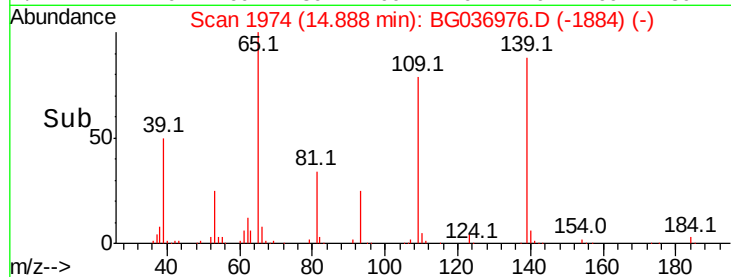
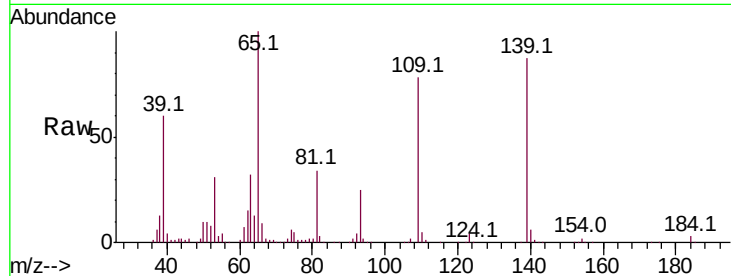
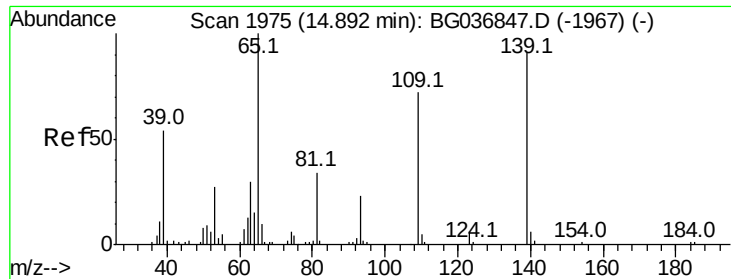
Sohil
9/26/2018 3:45:30 PM



#54
Dibenzofuran
Concen: 45.714 ng
RT: 15.07 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.0	31.0	46.6	
169	13.8	11.1	16.7	





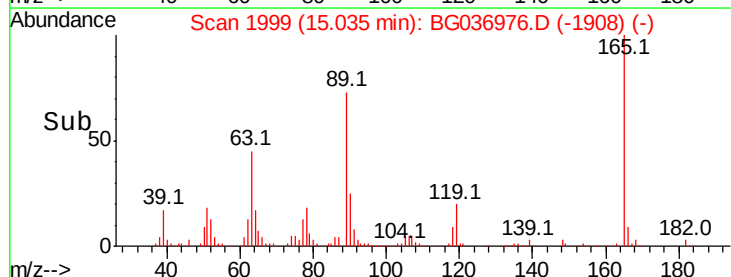
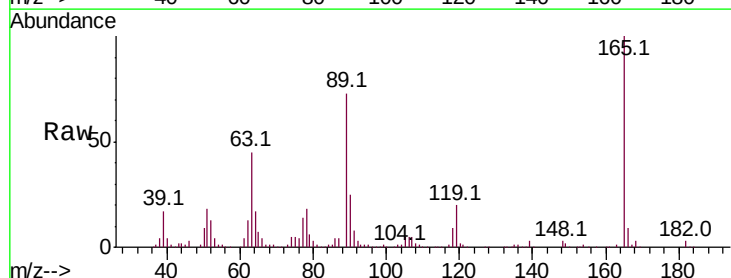
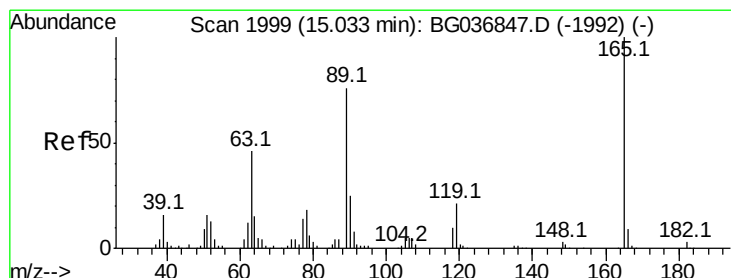
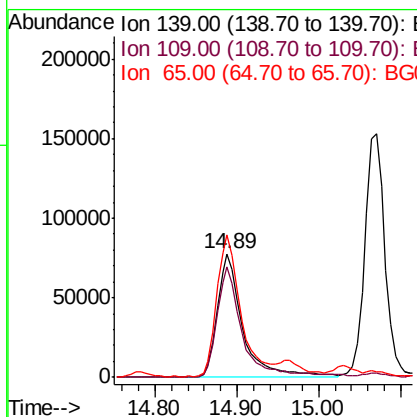
#55
4-Nitrophenol
Concen: 95.505 ng
RT: 14.89 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

Instrument :
BNA_G
ClientSampleId :
COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	168450		
109	89.3	63.9	103.9	
65	114.6	90.0	130.0	

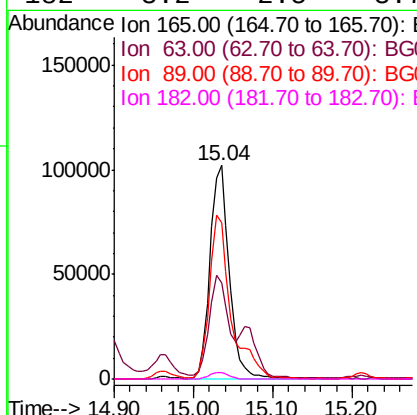
Manual Integrations
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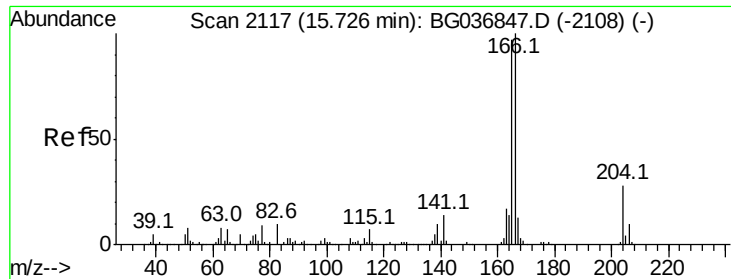
Sohil
9/26/2018 3:45:30 PM



#56
2,4-Dinitrotoluene
Concen: 46.858 ng
RT: 15.04 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	171314		
63	45.1	40.1	60.1	
89	73.3	63.7	95.5	
182	3.2	2.5	3.7	





#57

Fluorene

Concen: 48.431 ng

RT: 15.72 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

Instrument :

BNA_G

ClientSampled :

COMPMSD

Tot Ion:166 Resp: 521044

Ion Ratio Lower Upper

166 100

165 100.2 77.0 115.4

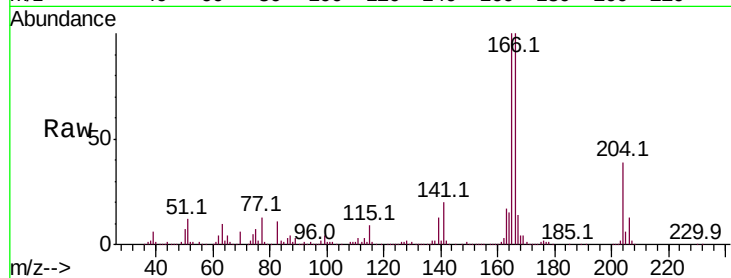
167 14.1 10.6 16.0

Manual Integrations

APPROVED

Sohil

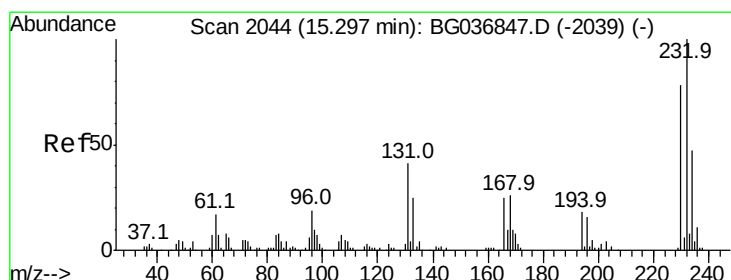
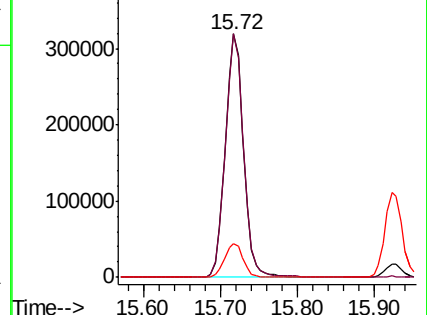
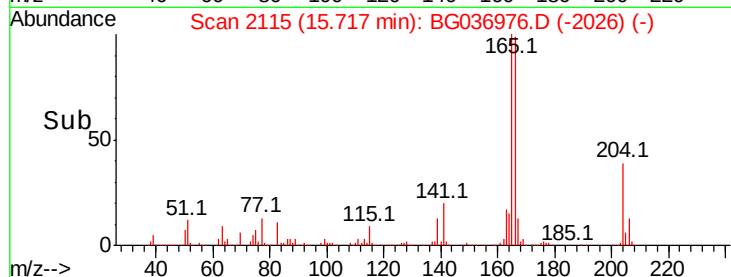
9/26/2018 3:45:30 PM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.652 ng

RT: 15.29 min Scan# 2043

Delta R.T. -0.00 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

Tgt Ion:232 Resp: 164569

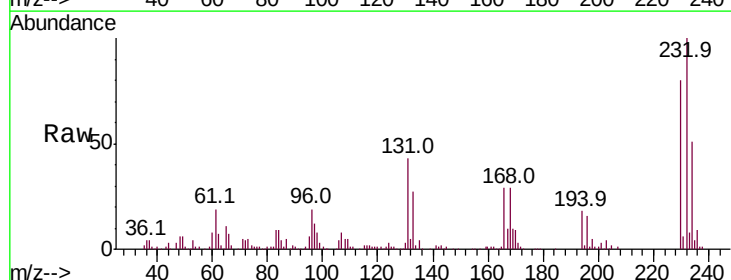
Ion Ratio Lower Upper

232 100

131 39.7 33.8 50.8

130 2.6 2.1 3.1

166 28.6 22.3 33.5

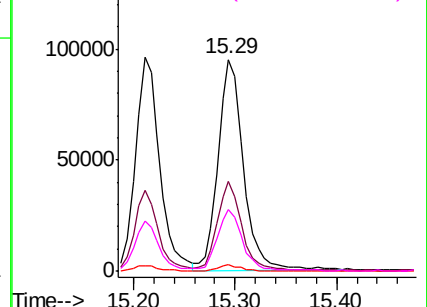
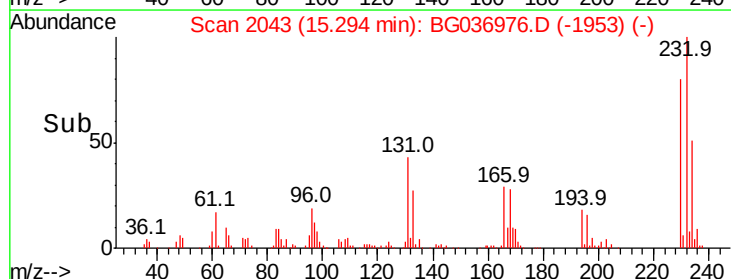


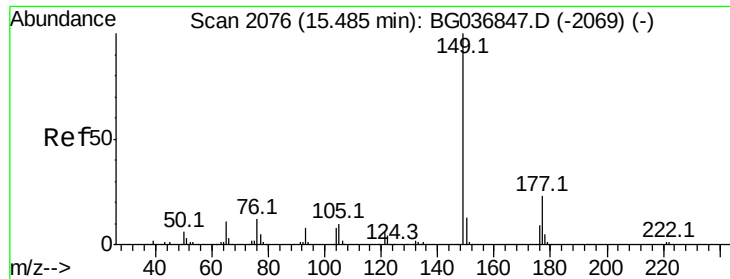
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





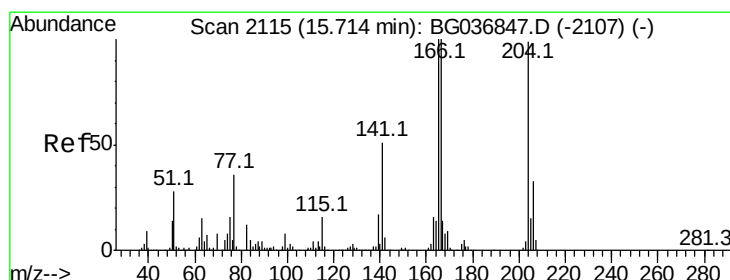
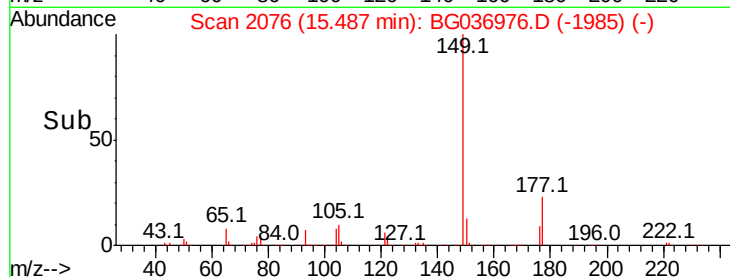
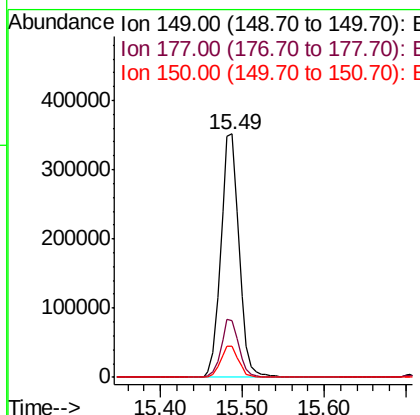
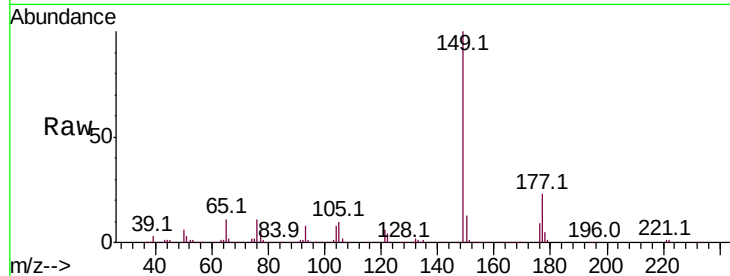
#59
Diethylphthalate
Concen: 44.939 ng
RT: 15.49 min Scan# 2076
Delta R.T. 0.00 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

Instrument :
BNA_G
ClientSampleId :
COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	544301		
177	23.4	19.1	28.7	
150	12.8	10.7	16.1	

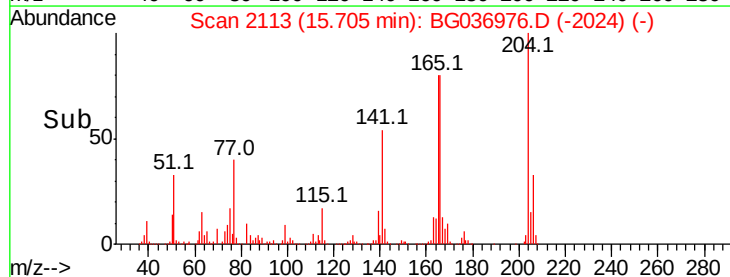
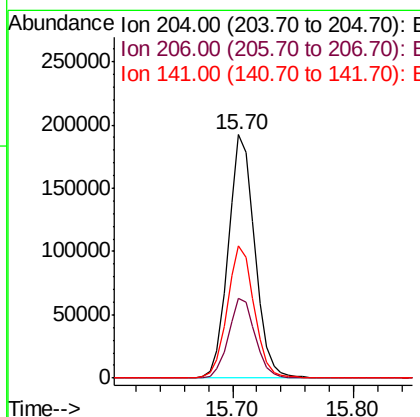
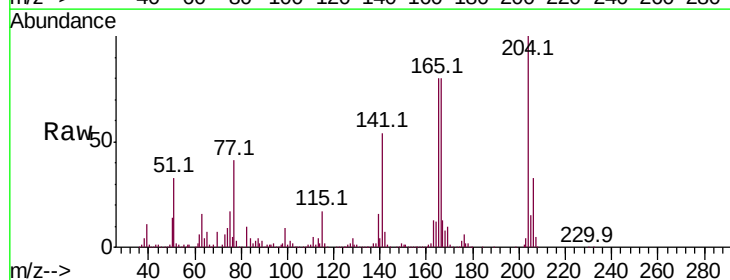
Manual Integrations
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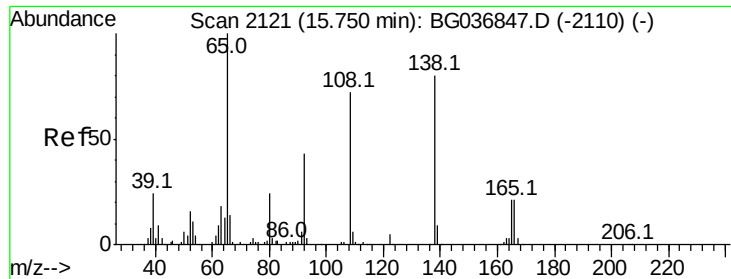
Sohil
9/26/2018 3:45:30 PM



#60
4-Chlorophenyl-phenylether
Concen: 43.160 ng
RT: 15.70 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	294062		
206	33.0	27.0	40.4	
141	54.4	43.8	65.6	





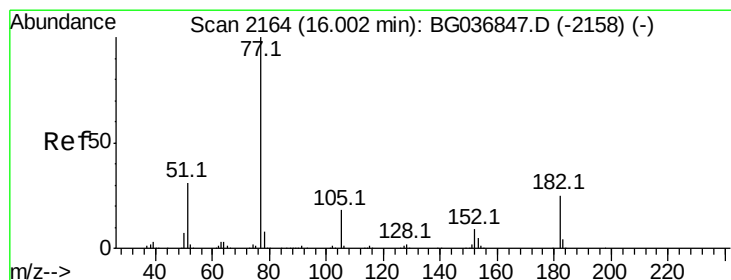
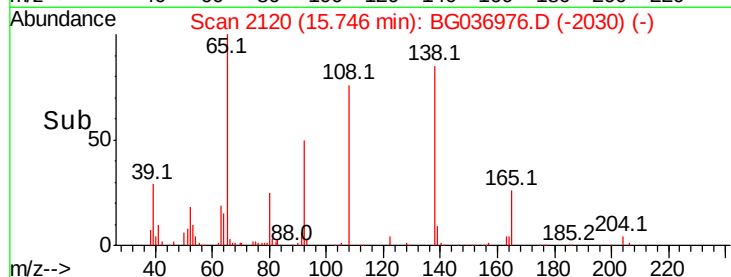
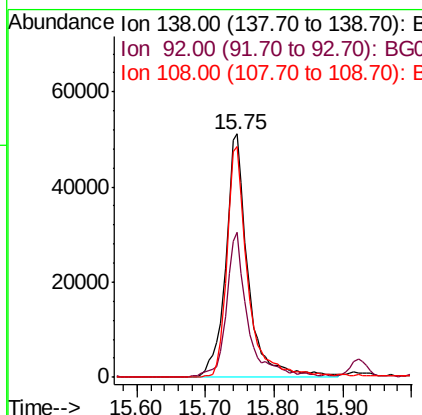
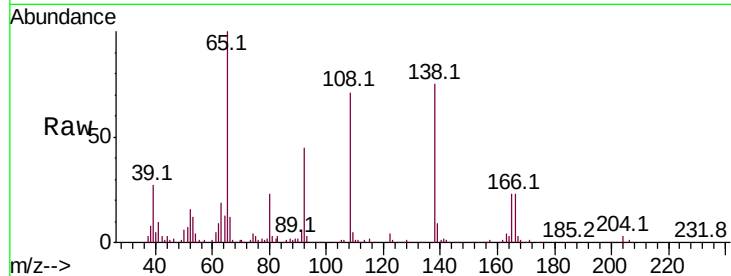
#61
4-Nitroaniline
Concen: 39.956 ng
RT: 15.75 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

Instrument :
BNA_G
ClientSampleId :
COMPMSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	59.5	38.5	78.5
108	95.0	70.3	110.3

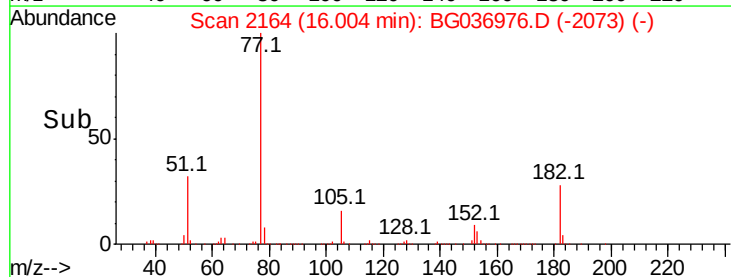
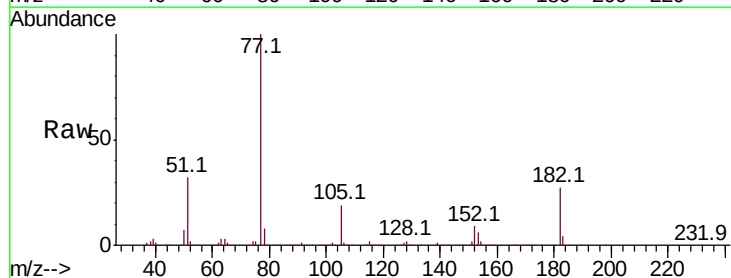
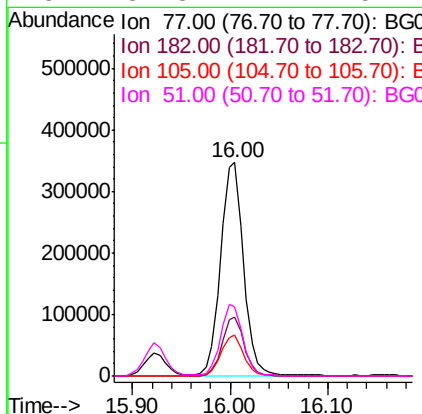
Manual Integrations
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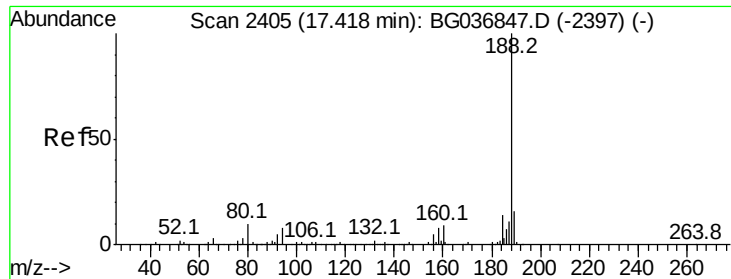
Sohil
9/26/2018 3:45:30 PM



#62
Azobenzene
Concen: 48.202 ng
RT: 16.00 min Scan# 2164
Delta R.T. 0.00 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.3	6.7	46.7
105	18.9	0.0	39.8
51	32.3	12.4	52.4





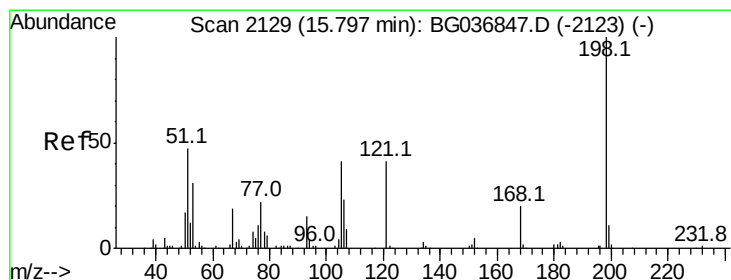
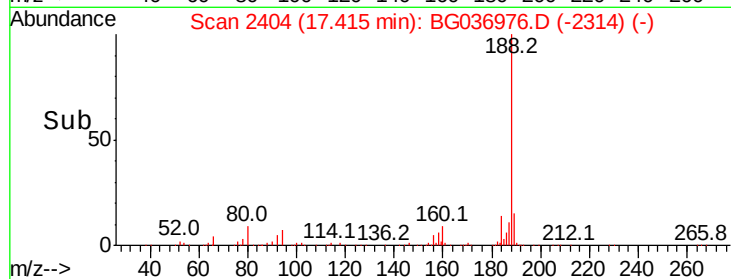
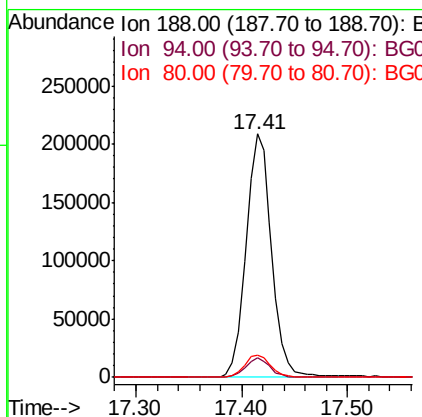
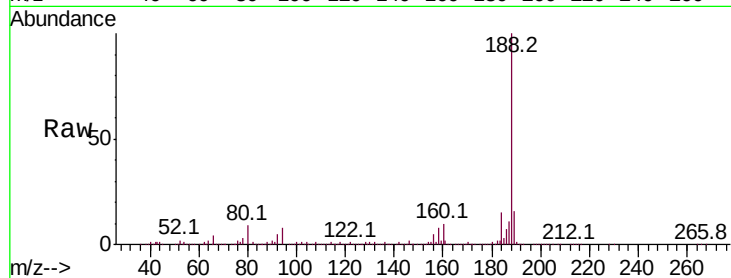
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.00 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

Instrument :
BNA_G
ClientSampled :
COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	348723		
94	8.1	6.7	10.1	
80	9.3	8.1	12.1	

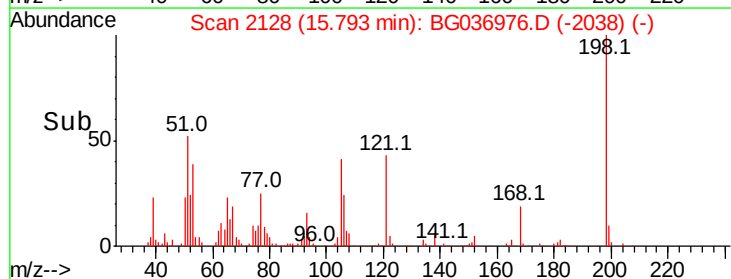
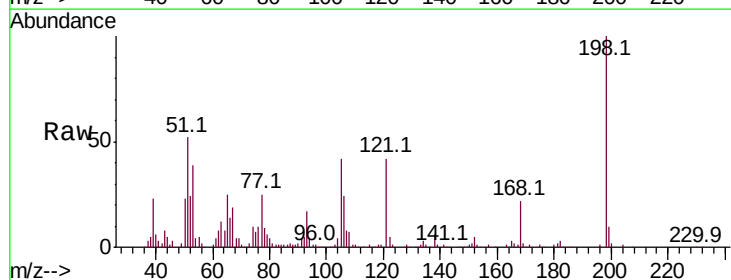
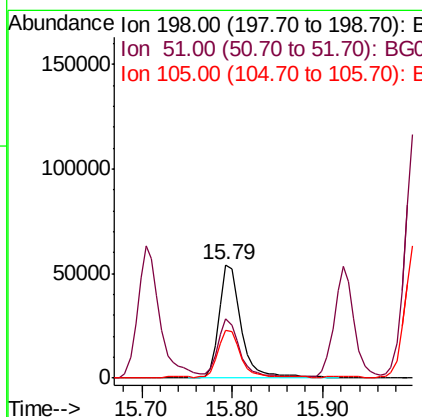
Manual Integrations
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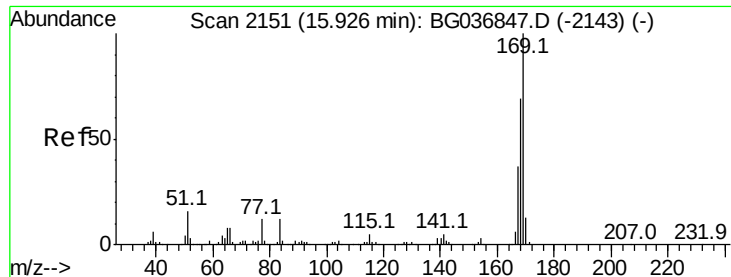
Sohil
9/26/2018 3:45:30 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 50.289 ng
RT: 15.79 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	91685		
51	52.3	26.5	66.5	
105	41.8	20.2	60.2	





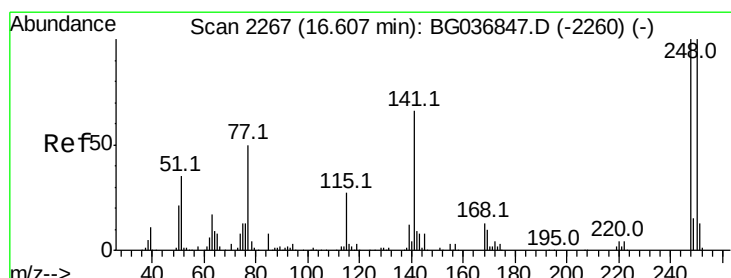
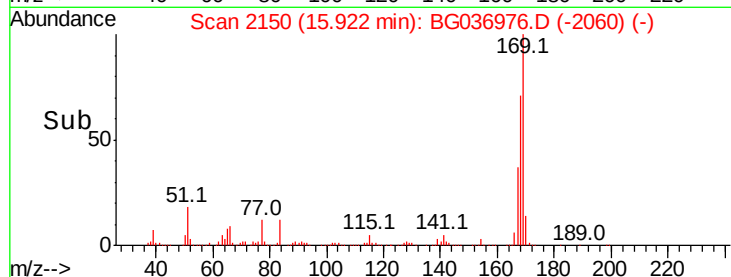
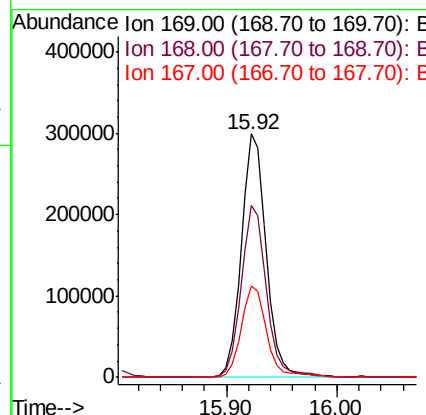
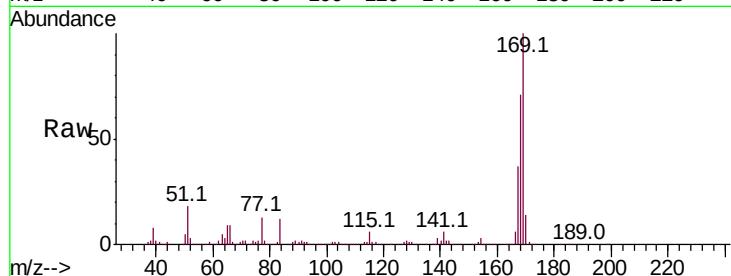
#65
n-Nitrosodiphenylamine
Concen: 48.984 ng
RT: 15.92 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

Instrument :
BNA_G
ClientSampleId :
COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	471580		
168	70.7	57.6	86.4	
167	37.4	31.0	46.4	

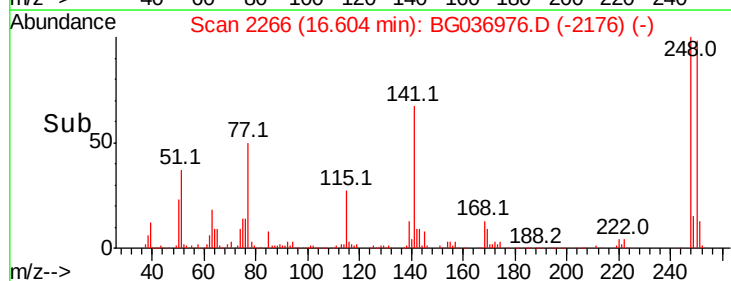
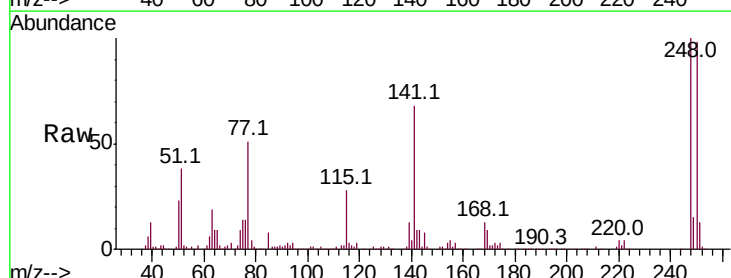
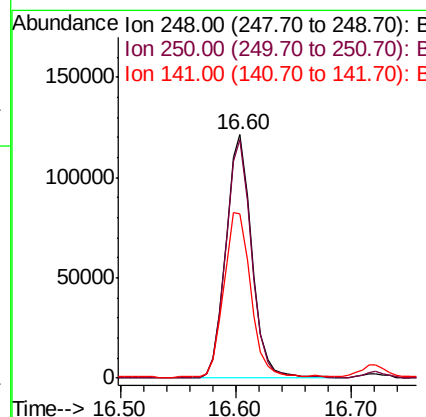
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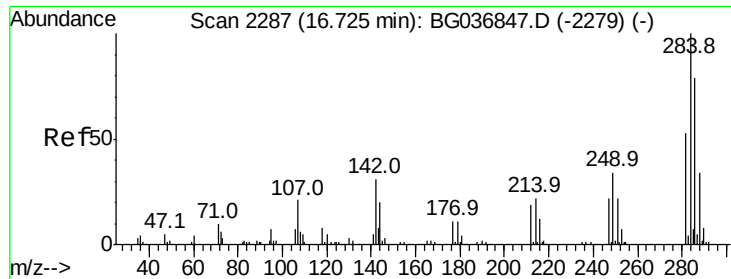
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 47.422 ng
RT: 16.60 min Scan# 2266
Delta R.T. -0.00 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	188099		
250	98.1	78.1	117.1	
141	67.5	53.7	80.5	





#67

Hexachlorobenzene

Concen: 45.824 ng

RT: 16.72 min Scan# 2286

Delta R.T. -0.00 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

Instrument :

BNA_G

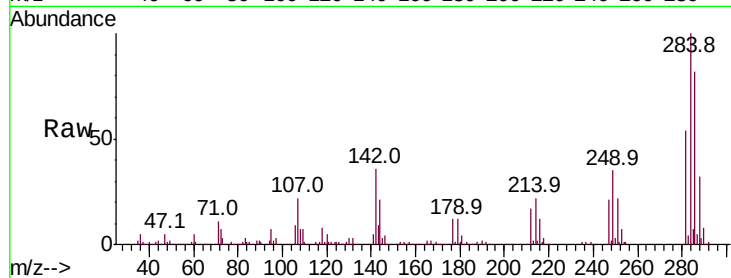
ClientSampled :

COMPMSD

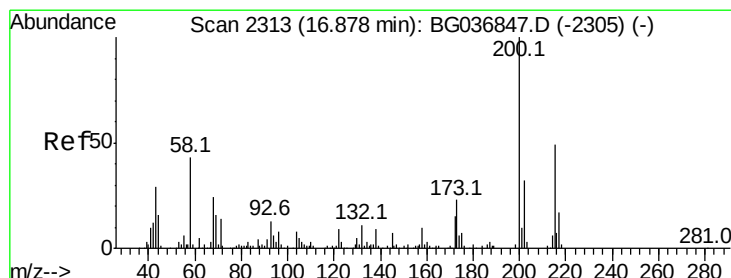
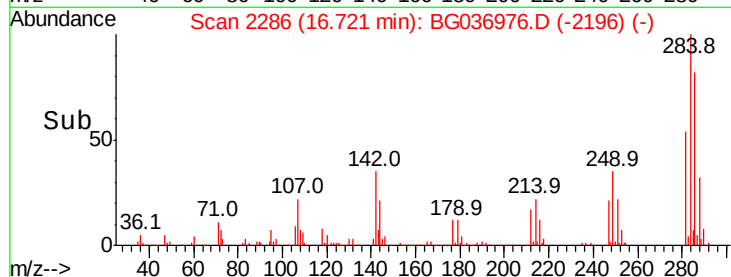
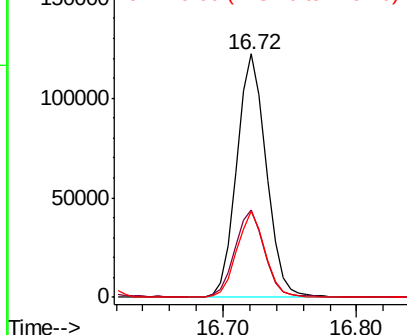
Tot Ion:	284	Resp:	187201
Ion Ratio	Lower	Upper	
284	100		
142	35.8	27.8	41.6
249	35.3	27.4	41.2

Manual Integrations
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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: 50.462 ng

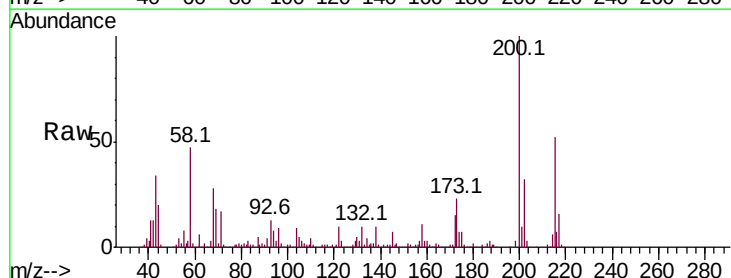
RT: 16.87 min Scan# 2312

Delta R.T. -0.00 min

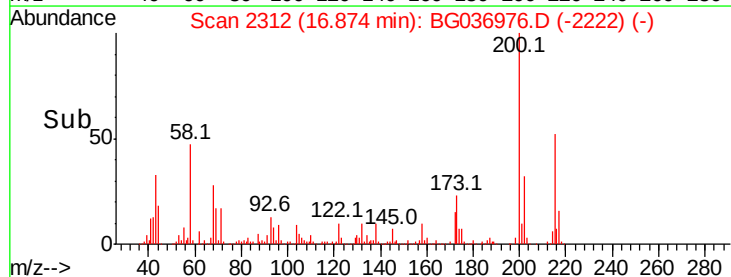
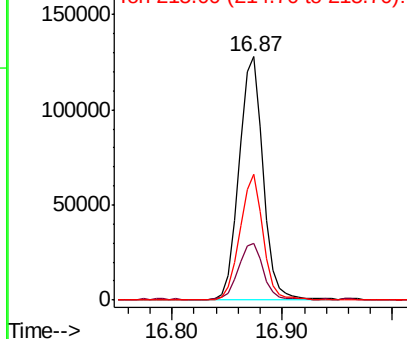
Lab File: BG036976.D

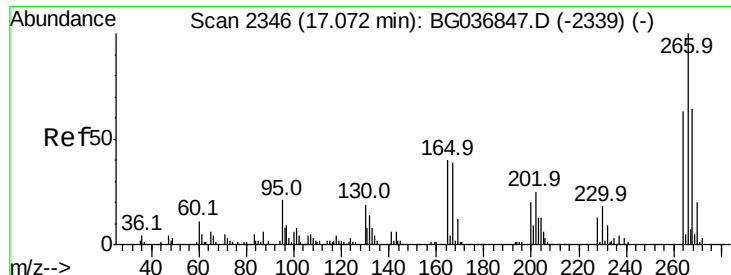
Acq: 26 Sep 2018 9:11

Tgt Ion:	200	Resp:	196707
Ion Ratio	Lower	Upper	
200	100		
173	23.1	3.9	43.9
215	51.9	30.4	70.4



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





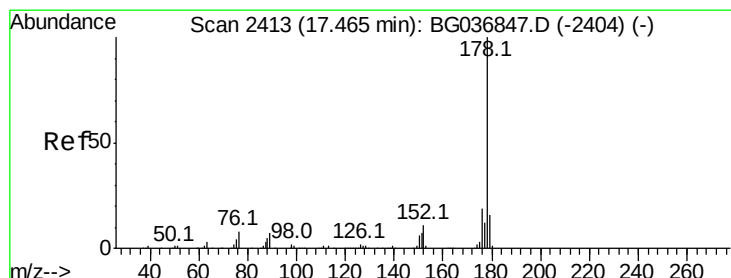
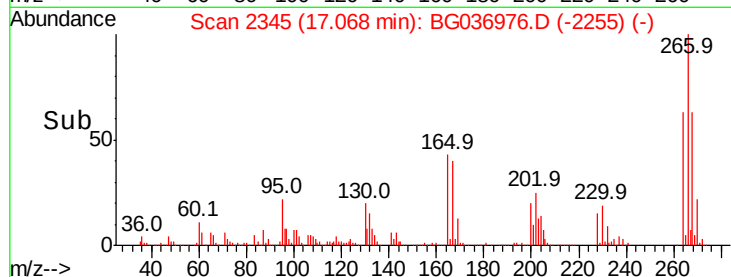
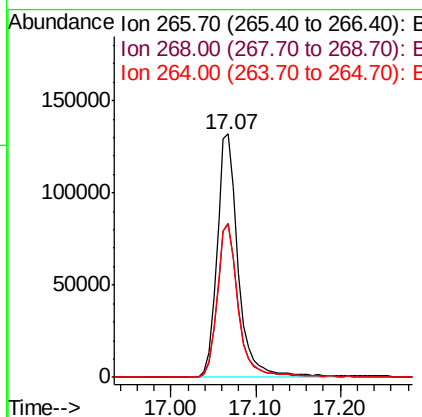
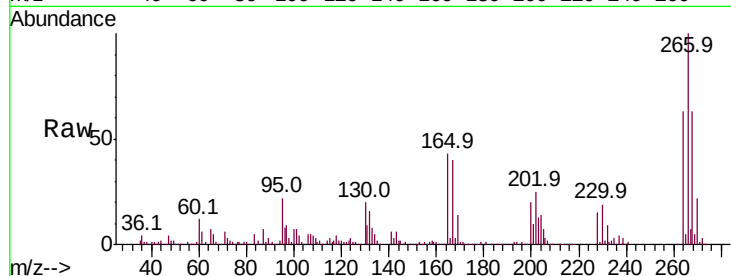
#69
 Pentachlorophenol
 Concen: 90.063 ng
 RT: 17.07 min Scan# 2345
 Delta R.T. -0.00 min
 Lab File: BG036976.D
 Acq: 26 Sep 2018 9:11

Instrument :
 BNA_G
 ClientSampleId :
 COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	231651		
268	63.5	51.4	77.2	
264	62.7	48.9	73.3	

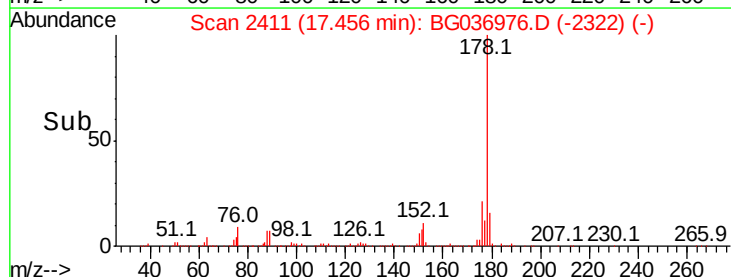
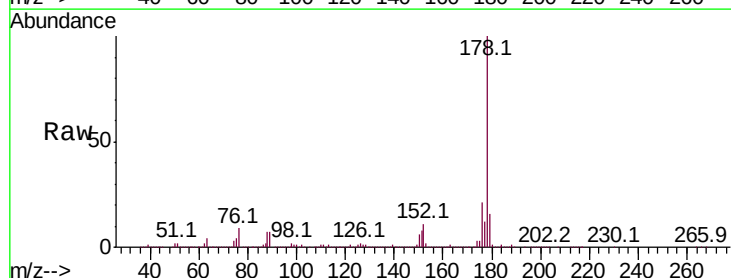
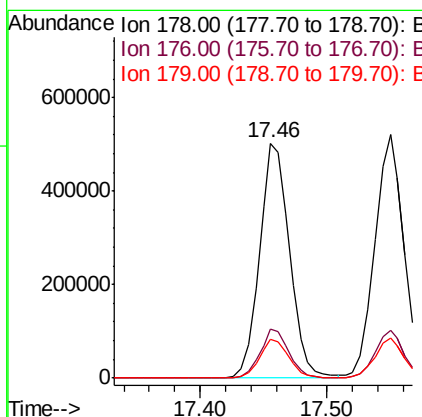
Manual Integrations
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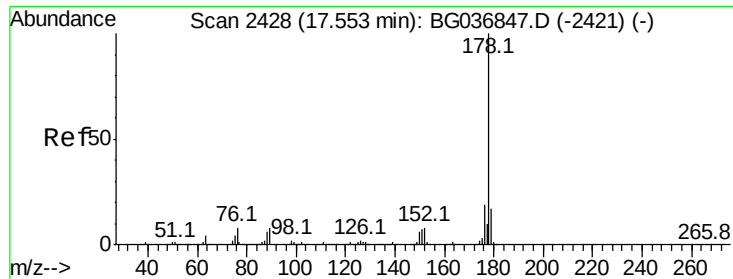
Sohil
 9/26/2018 3:45:30 PM



#70
 Phenanthrene
 Concen: 49.245 ng
 RT: 17.46 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BG036976.D
 Acq: 26 Sep 2018 9:11

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	827551		
176	20.6	15.4	23.2	
179	16.3	13.4	20.2	





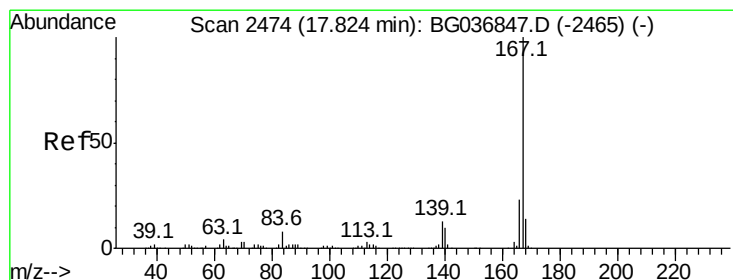
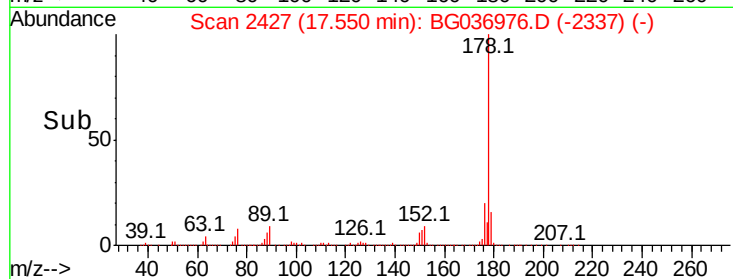
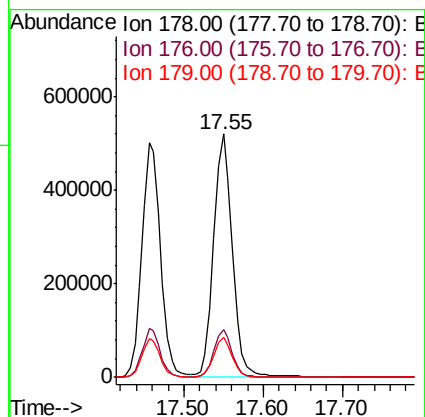
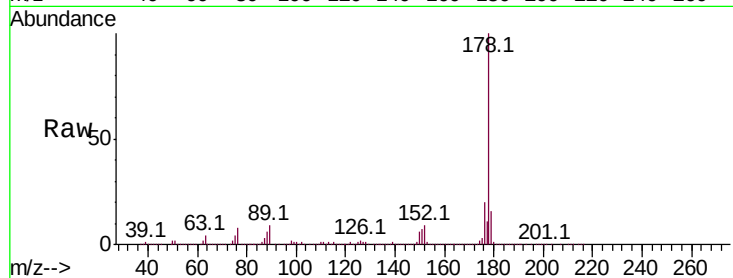
#71
 Anthracene
 Concen: 51.281 ng
 RT: 17.55 min Scan# 2427
 Delta R.T. -0.00 min
 Lab File: BG036976.D
 Acq: 26 Sep 2018 9:11

Instrument :
 BNA_G
 ClientSampleId :
 COMPMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.4	23.2
179	16.4	13.0	19.4

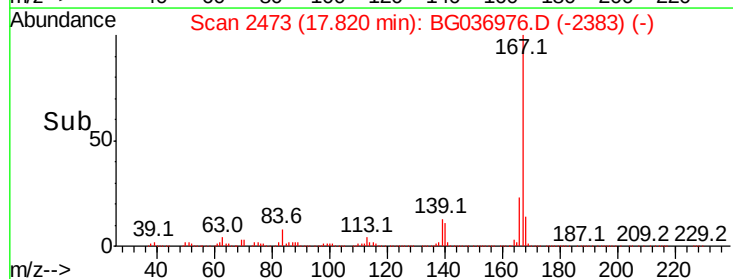
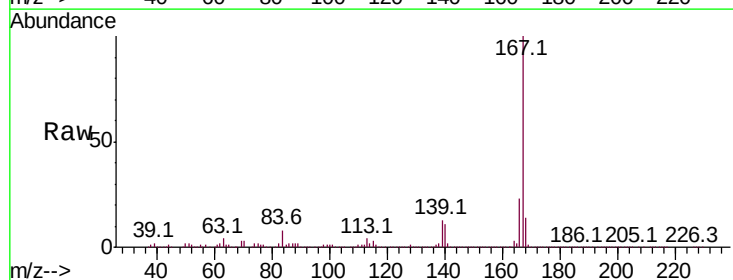
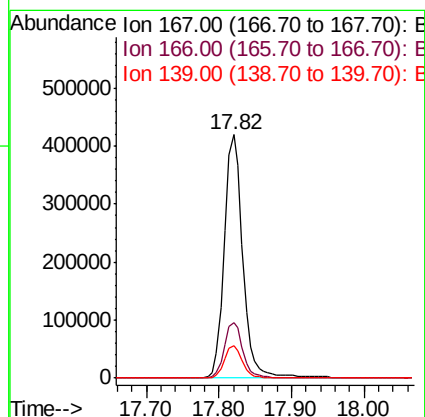
Manual Integrations
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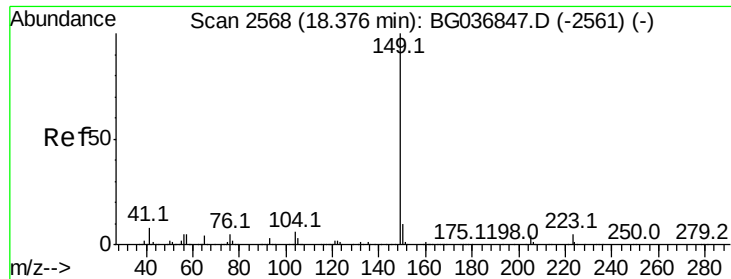
Sohil
 9/26/2018 3:45:30 PM



#72
 Carbazole
 Concen: 45.932 ng
 RT: 17.82 min Scan# 2473
 Delta R.T. -0.00 min
 Lab File: BG036976.D
 Acq: 26 Sep 2018 9:11

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.0	19.5	29.3
139	13.4	10.7	16.1





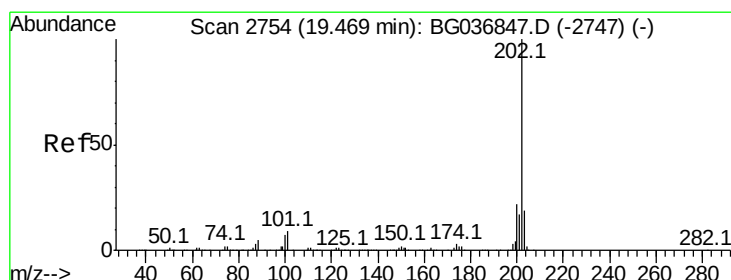
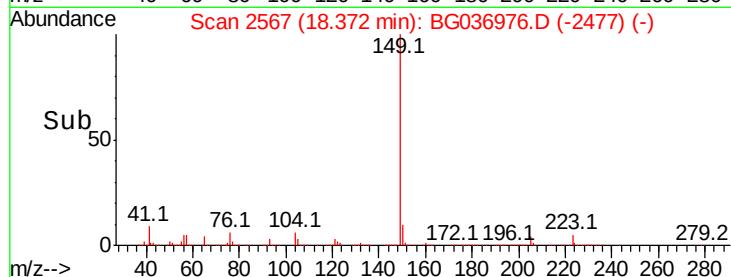
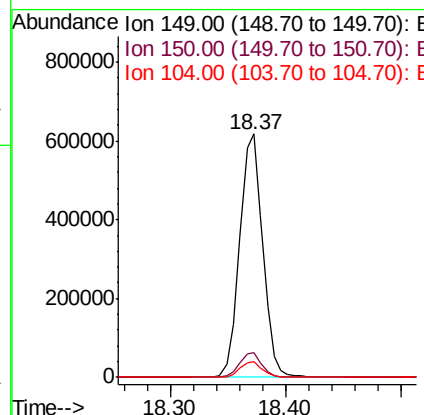
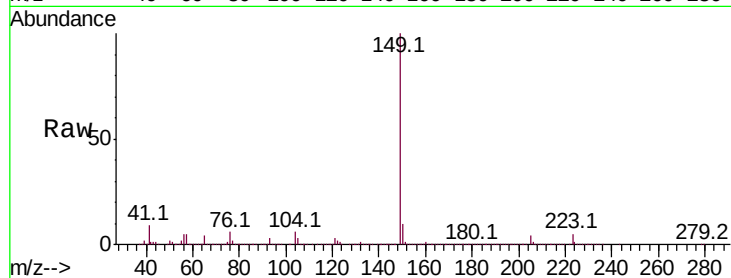
#73
Di-n-butylphthalate
Concen: 47.308 ng
RT: 18.37 min Scan# 2567
Delta R.T. -0.00 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

Instrument :
BNA_G
ClientSampleId :
COMPMSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	10.0	8.1	12.1
104	6.4	4.6	6.8

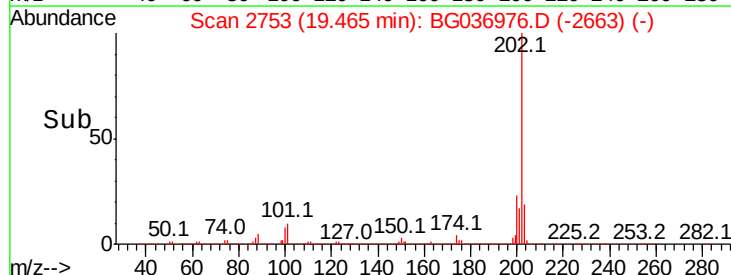
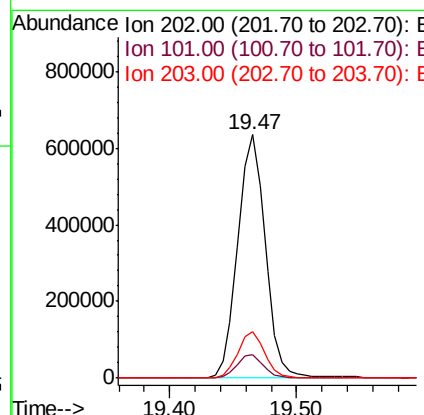
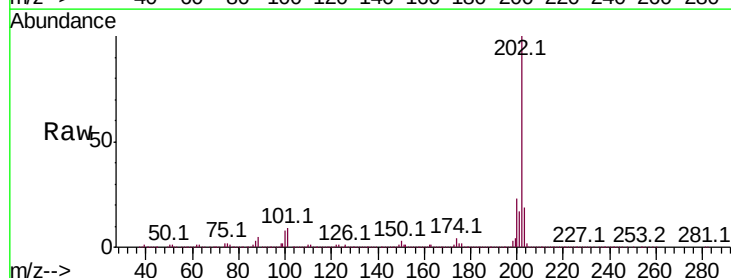
Manual Integrations
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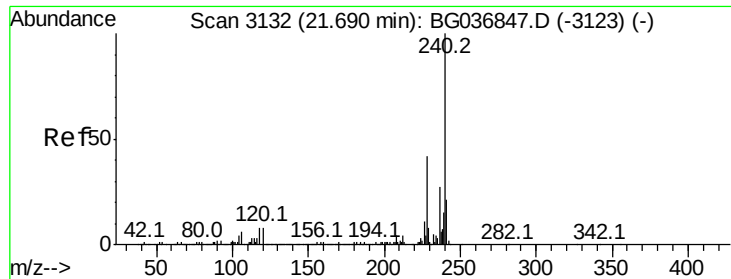
Sohil
9/26/2018 3:45:30 PM



#74
Fluoranthene
Concen: 47.034 ng
RT: 19.47 min Scan# 2753
Delta R.T. -0.00 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	9.5	0.0	29.4
203	19.4	0.0	38.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3131

Delta R.T. -0.00 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

Instrument :

BNA_G

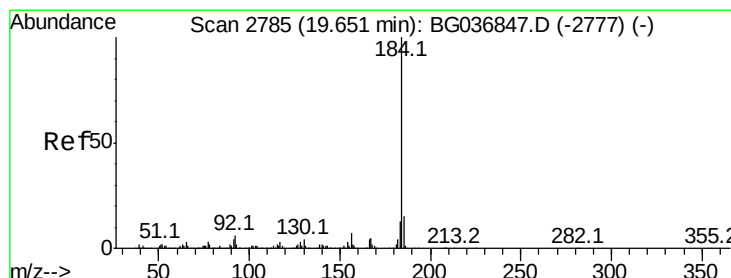
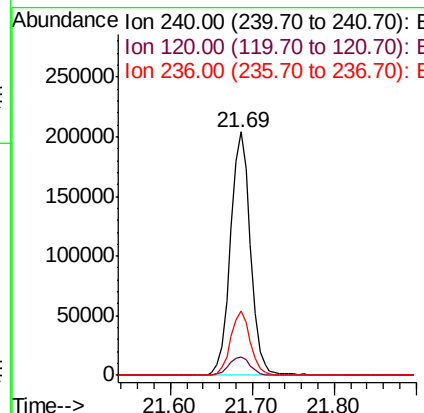
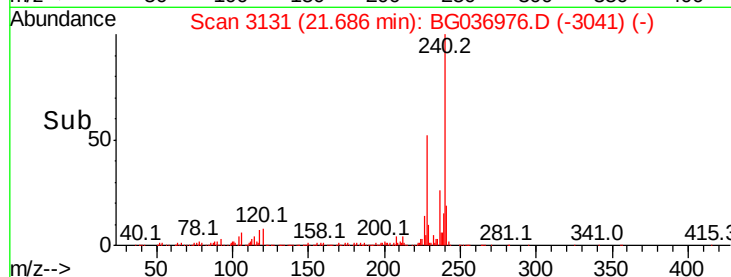
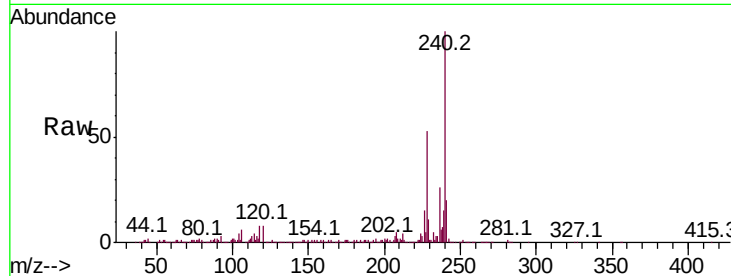
ClientSampled :

COMPMSD

Tot Ion:	240	Resp:	345053
Ion Ratio	Lower	Upper	
240	100		
120	7.7	6.9	10.3
236	26.4	21.2	31.8

Manual Integrations
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#76

Benzidine

Concen: 15.358 ng

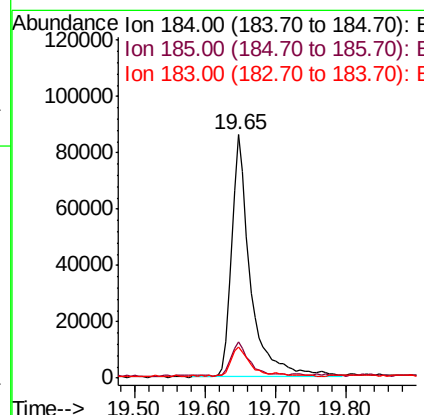
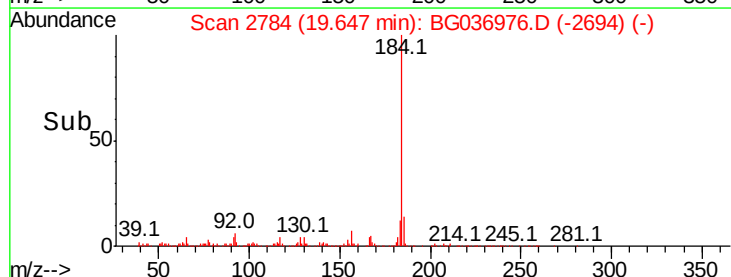
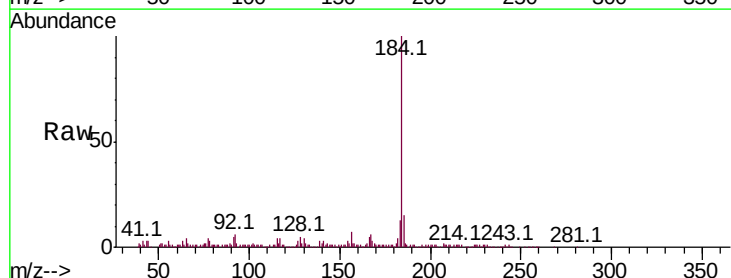
RT: 19.65 min Scan# 2784

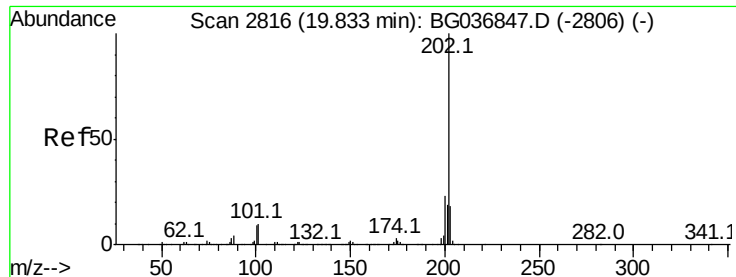
Delta R.T. -0.00 min

Lab File: BG036976.D

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Tgt Ion:	184	Resp:	160200
Ion Ratio	Lower	Upper	
184	100		
185	14.9	12.6	18.8
183	12.9	10.9	16.3





#77

Pvrene

Concen: 46.085 ng

RT: 19.82 min Scan# 2814

Delta R.T. -0.01 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

Instrument :

BNA_G

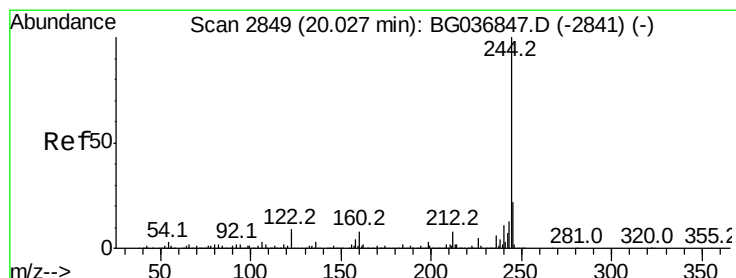
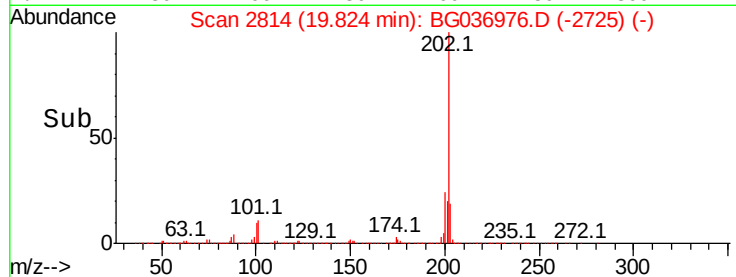
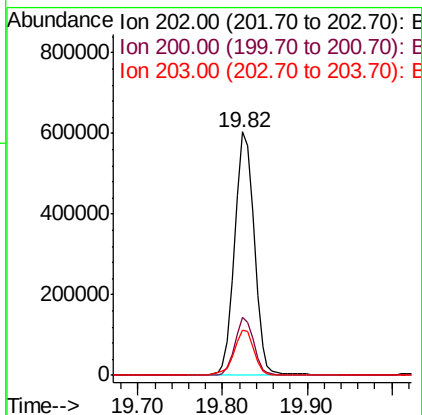
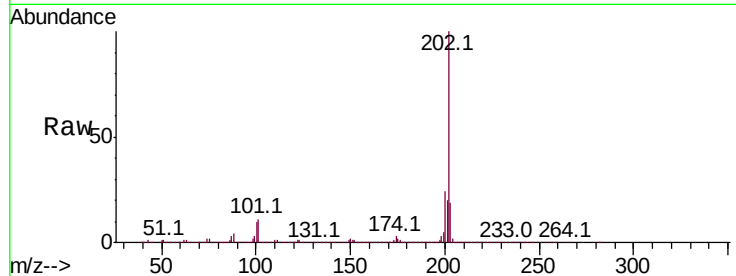
ClientSampleId :

COMPMSSD

Tot Ion:	202	Resp:	954239
Ion Ratio	Lower	Upper	
202	100		
200	23.7	18.3	27.5
203	18.7	15.1	22.7

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#78

Terphenyl-d14

Concen: 84.617 ng

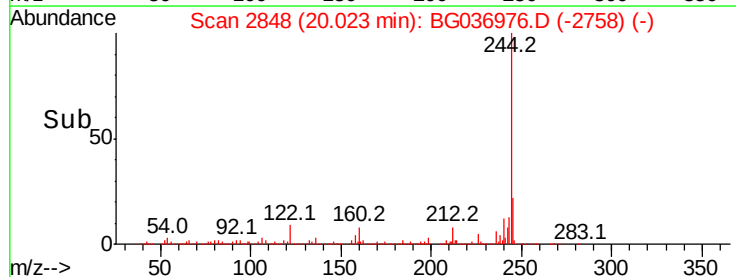
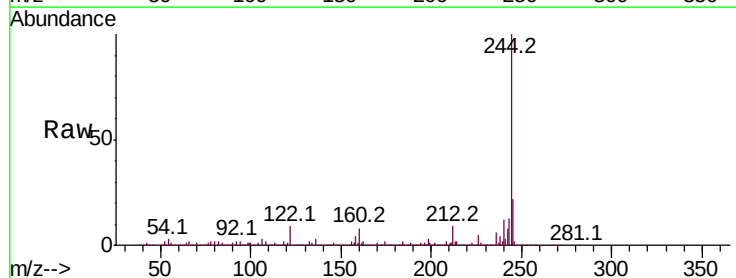
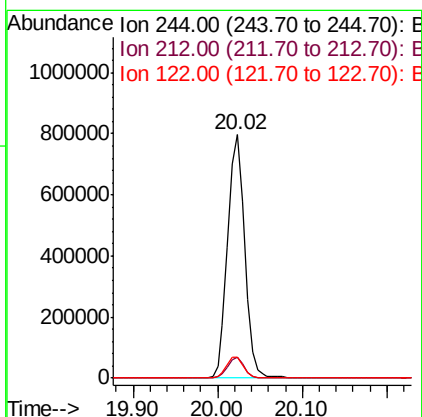
RT: 20.02 min Scan# 2848

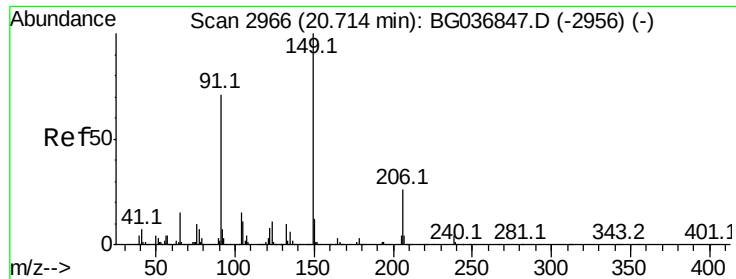
Delta R.T. -0.00 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

Tgt Ion:	244	Resp:	1110384
Ion Ratio	Lower	Upper	
244	100		
212	8.5	7.0	10.6
122	8.8	7.1	10.7





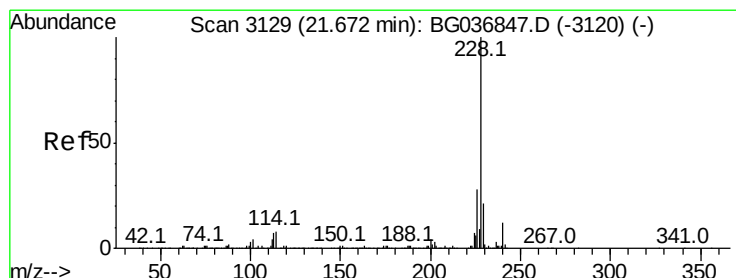
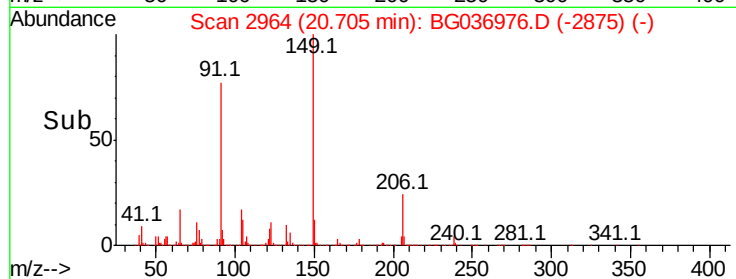
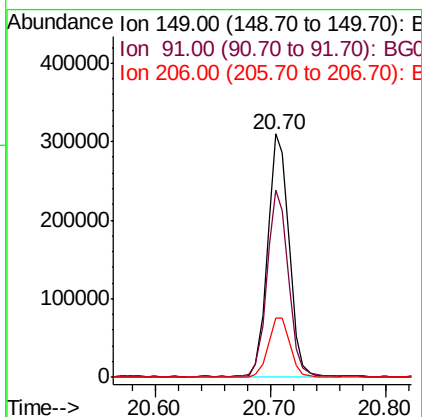
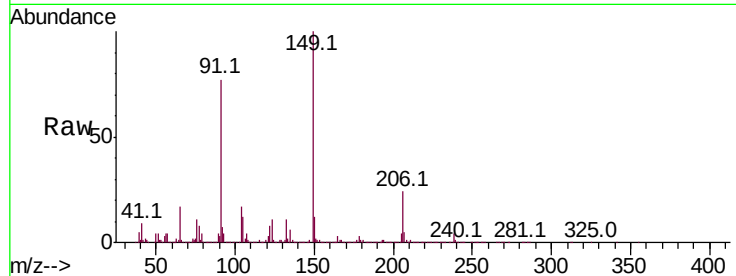
#79
Butylbenzylphthalate
Concen: 48.592 ng
RT: 20.70 min Scan# 2964
Delta R.T. -0.01 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

Instrument :
BNA_G
ClientSampleId :
COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	401039		
91	76.9	62.0	93.0	
206	24.2	19.6	29.4	

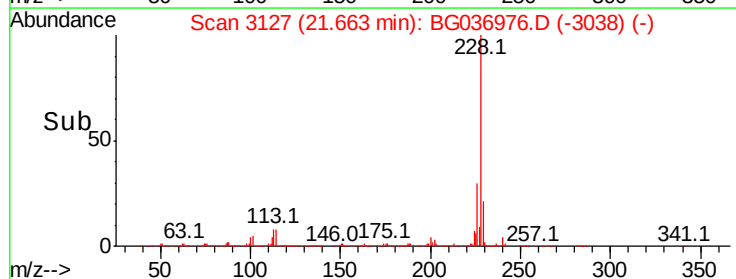
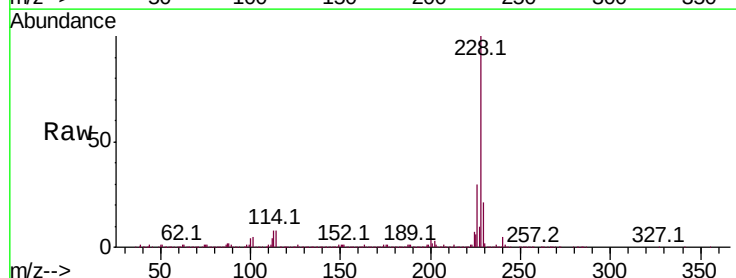
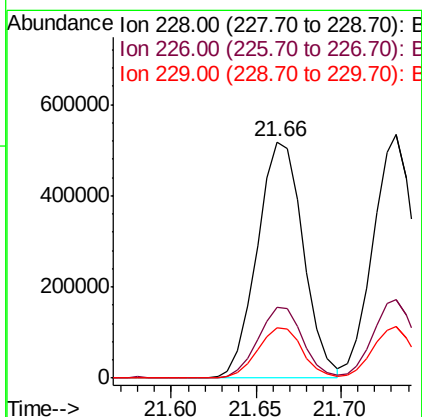
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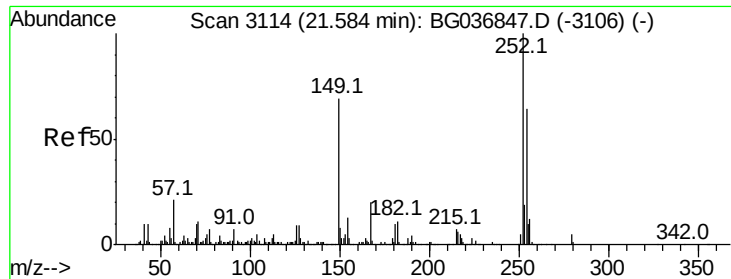
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#80
Benzo(a)anthracene
Concen: 48.555 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	978003		
226	29.8	23.4	35.2	
229	21.4	17.1	25.7	





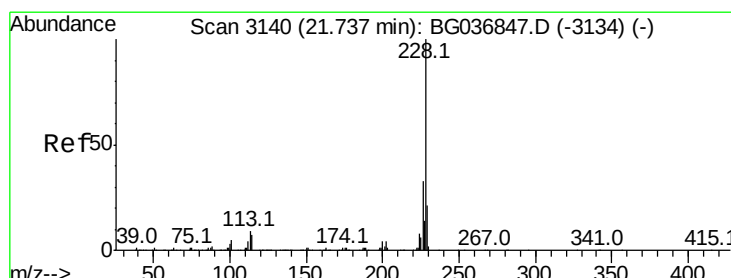
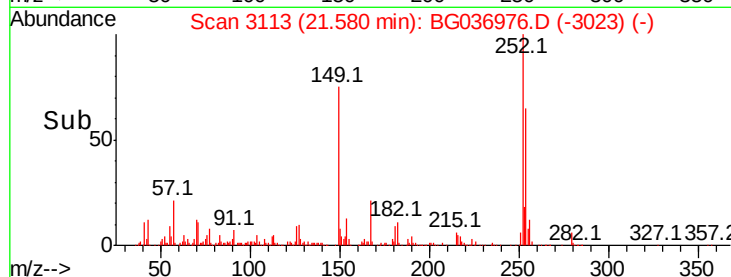
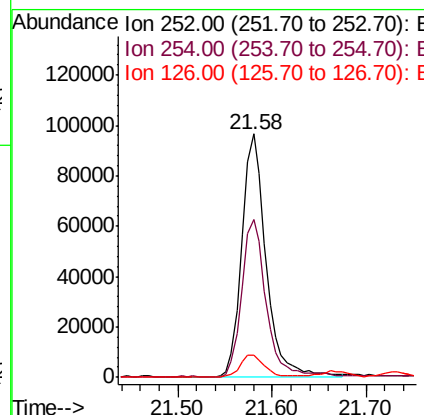
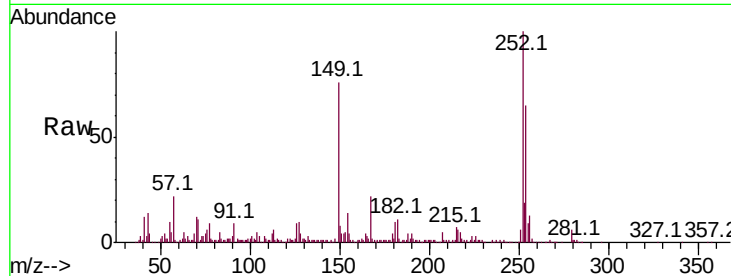
#81
 3,3'-Dichlorobenzidine
 Concen: 22.494 ng
 RT: 21.58 min Scan# 3113
 Delta R.T. -0.00 min
 Lab File: BG036976.D
 Acq: 26 Sep 2018 9:11

Instrument :
 BNA_G
 ClientSampleId :
 COMPMSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.0	76.4
126	9.2	7.4	11.0

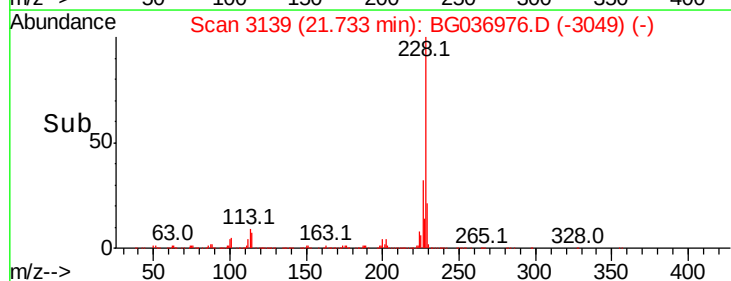
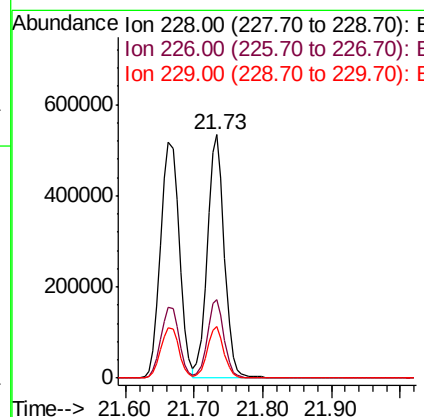
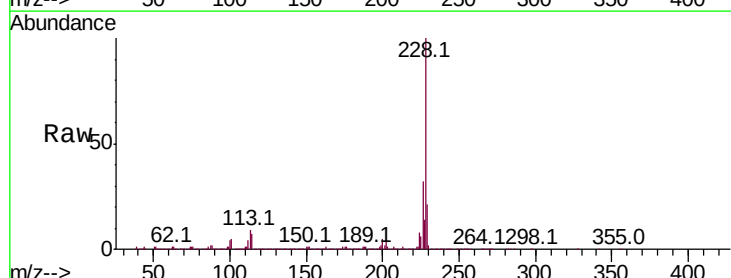
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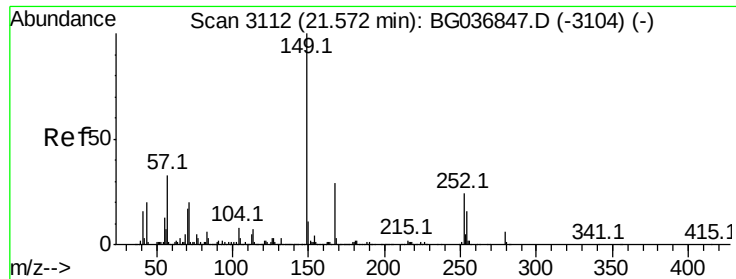
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#82
 Chrysene
 Concen: 47.535 ng
 RT: 21.73 min Scan# 3139
 Delta R.T. -0.00 min
 Lab File: BG036976.D
 Acq: 26 Sep 2018 9:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.5	38.3
229	21.2	16.9	25.3





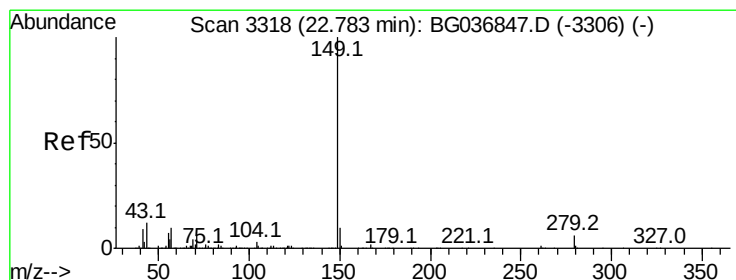
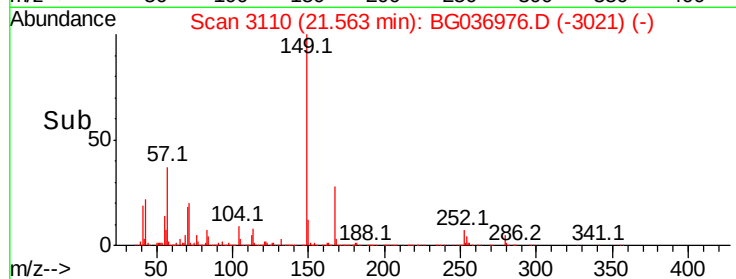
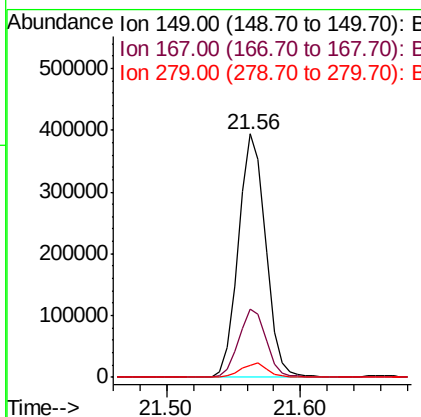
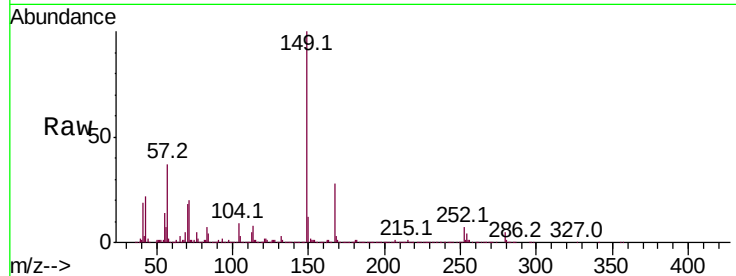
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.068 ng
 RT: 21.56 min Scan# 3110
 Delta R.T. -0.01 min
 Lab File: BG036976.D
 Acq: 26 Sep 2018 9:11

Instrument :
 BNA_G
 ClientSampleId :
 COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	28.2	23.4	35.0	
279	5.1	4.6	7.0	

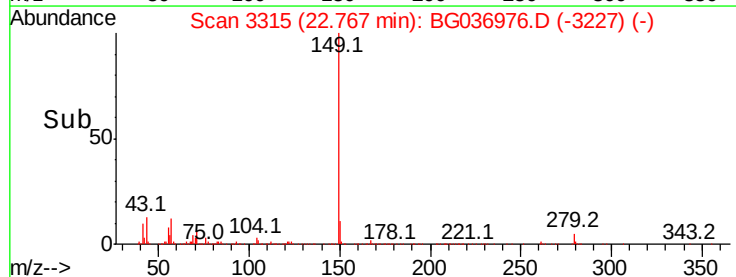
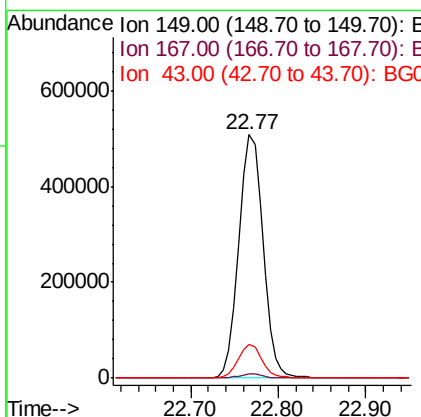
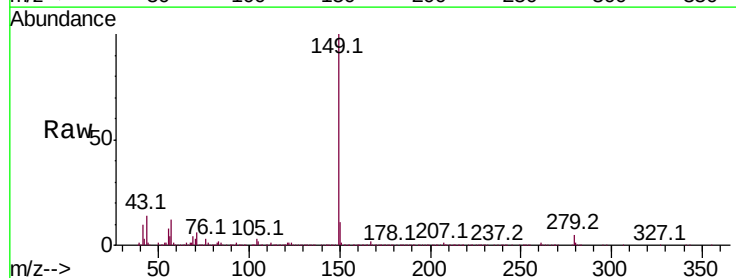
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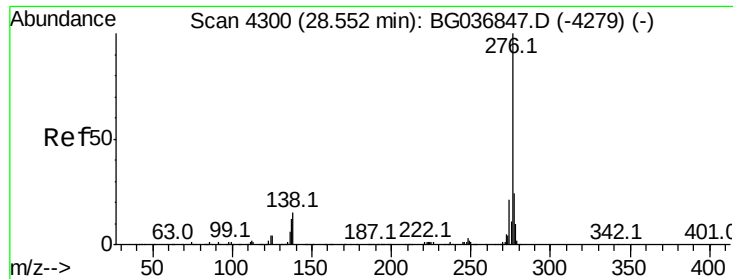
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#84
 Di-n-octyl phthalate
 Concen: 49.874 ng
 RT: 22.77 min Scan# 3315
 Delta R.T. -0.02 min
 Lab File: BG036976.D
 Acq: 26 Sep 2018 9:11

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	1.3	1.9	
43	13.1	10.0	15.0	





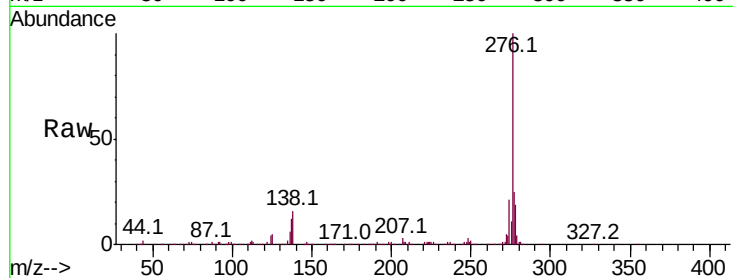
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 54.143 ng
 RT: 28.55 min Scan# 4299
 Delta R.T. -0.00 min
 Lab File: BG036976.D
 Acq: 26 Sep 2018 9:11

Instrument :
 BNA_G
 ClientSampleId :
 COMPMSD

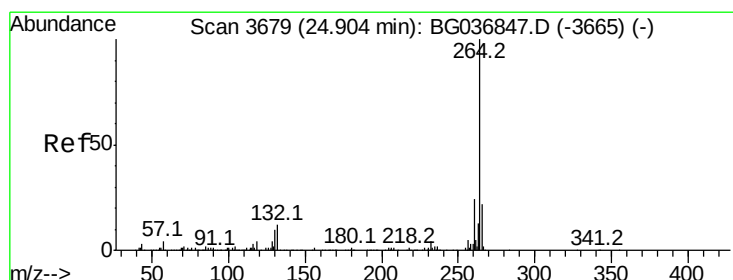
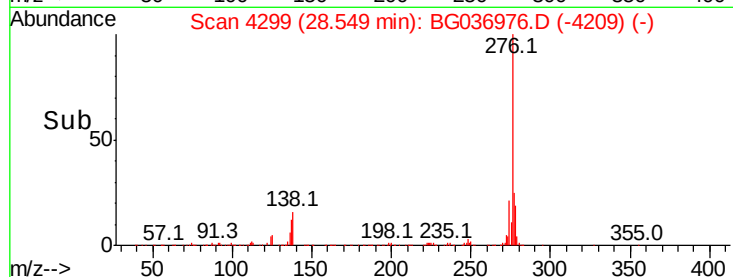
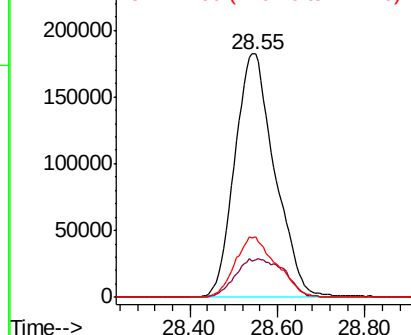
Tot Ion	Ratio	Lower	Upper
276	100		
138	19.5	10.6	15.8#
277	25.6	20.6	30.8

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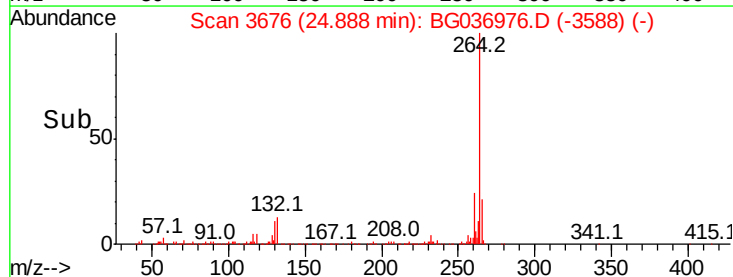
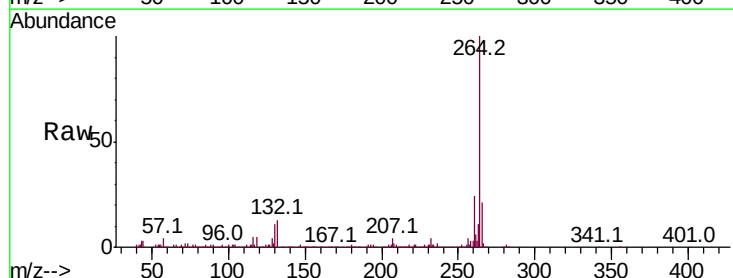
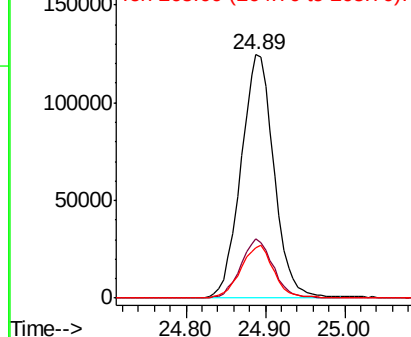
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

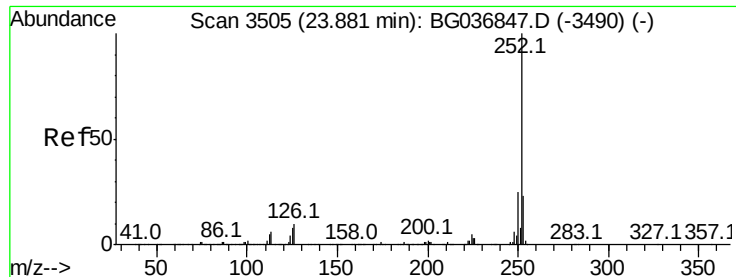


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3676
 Delta R.T. -0.02 min
 Lab File: BG036976.D
 Acq: 26 Sep 2018 9:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	20.9	17.4	26.0

Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 50.676 ng

RT: 23.88 min Scan# 3504

Delta R.T. -0.00 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

Instrument :

BNA_G

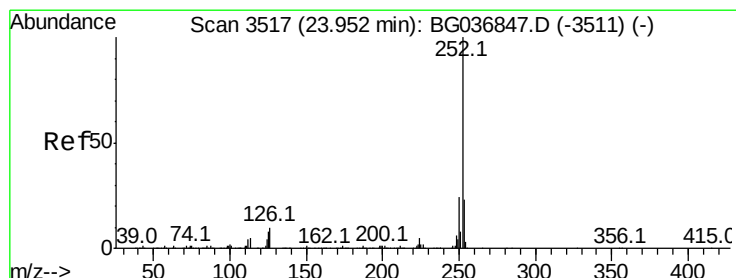
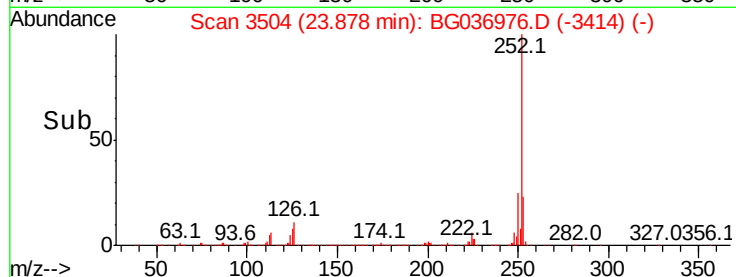
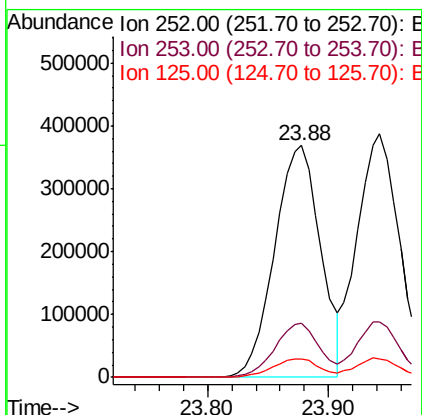
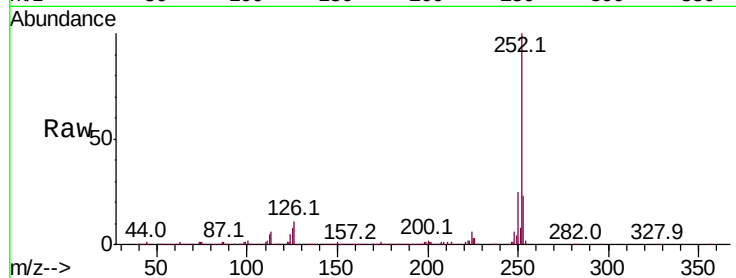
ClientSampleID :

COMPMSSD

Tot Ion:	252	Resp:	972464
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.1	25.7
125	8.0	6.6	10.0

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#88

Benzo(k)fluoranthene

Concen: 49.168 ng

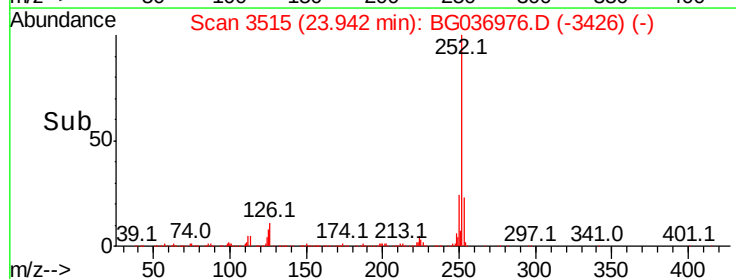
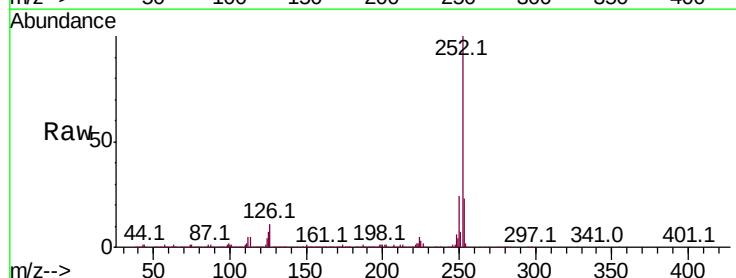
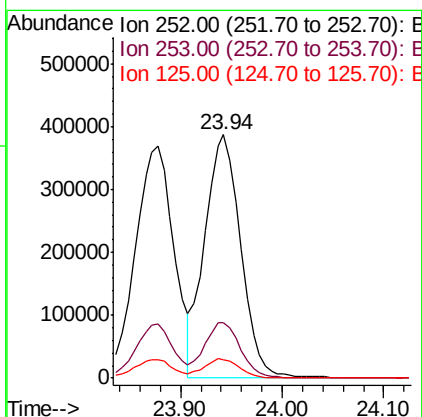
RT: 23.94 min Scan# 3515

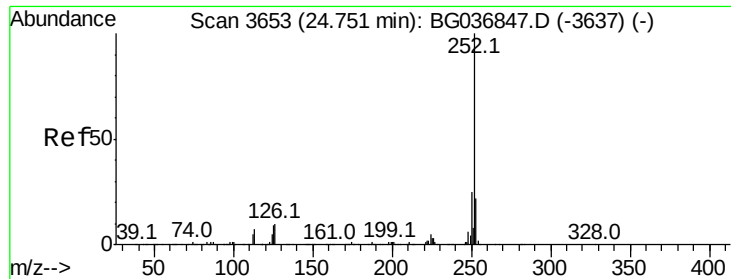
Delta R.T. -0.01 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

Tgt Ion:	252	Resp:	946591
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.0	27.0
125	7.5	7.0	10.6





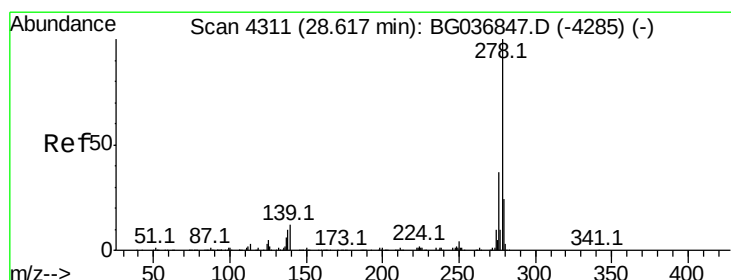
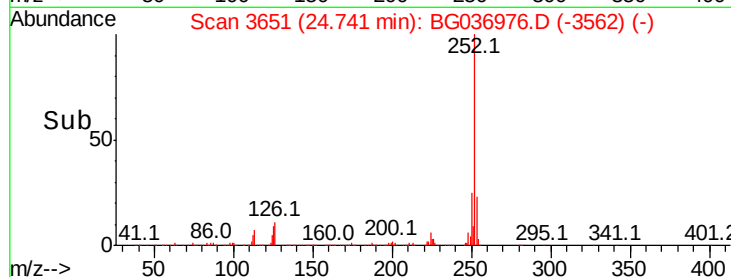
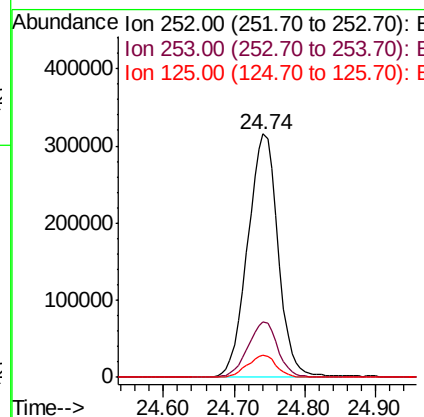
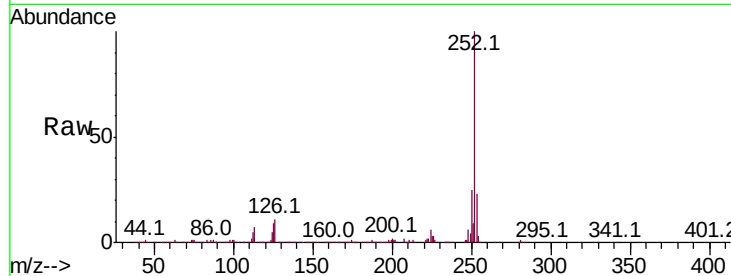
#89
Benzo(a)pyrene
Concen: 51.003 ng
RT: 24.74 min Scan# 3651
Delta R.T. -0.01 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

Instrument :
BNA_G
ClientSampleId :
COMPMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	9.0	7.3	10.9

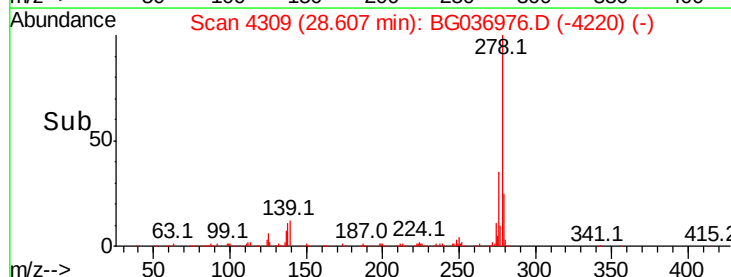
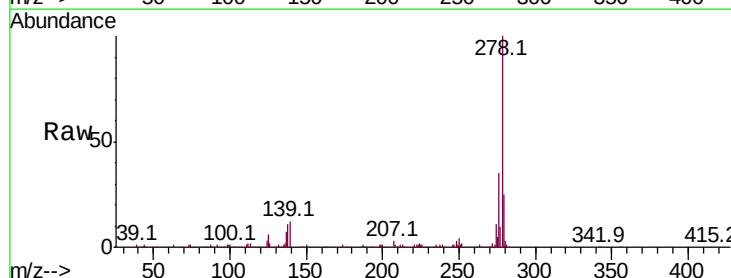
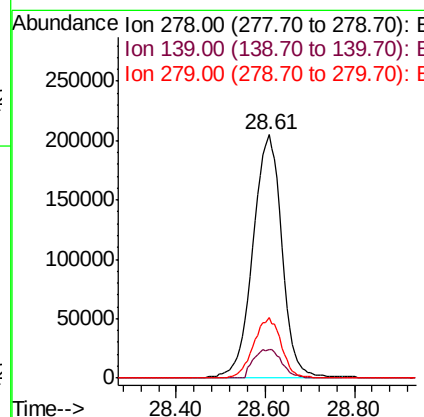
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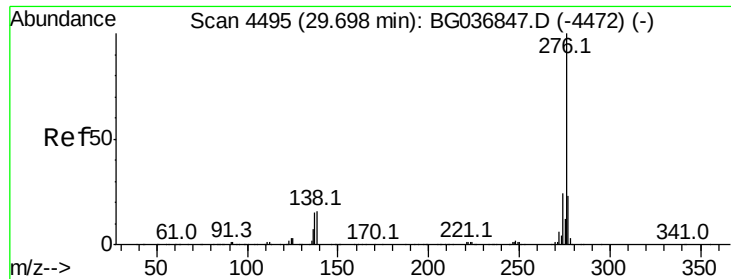
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#90
Dibenzo(a,h)anthracene
Concen: 52.521 ng
RT: 28.61 min Scan# 4309
Delta R.T. -0.01 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.6	11.0	16.4
279	25.0	18.7	28.1





#91

Benzo(a,h,i)perylene

Concen: 53.809 ng

RT: 29.69 min Scan# 4494

Delta R.T. -0.00 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

Instrument :

BNA_G

ClientSampleId :

COMPMSD

Tot Ion:	276	Resp:	938966
Ion Ratio	Lower	Upper	
276	100		
277	23.3	18.4	27.6
138	16.4	14.6	22.0

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