

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\
 Data File : BG038694.D
 Acq On : 18 Dec 2018 14:42
 Operator : JU/SJ
 Sample : J6398-02MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-04_121218MS

Manual Integrations
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Sohil
 12/19/2018 4:12:20 PM

Quant Time: Dec 19 07:14:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	21176	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	89003	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	63141	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	159782	20.00	ng	0.00
76) Chrysene-d12	21.73	240	159439	20.00	ng	0.00
87) Perylene-d12	25.02	264	174736	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	80307	67.26	ng	0.00
7) Phenol-d6	7.21	99	69385	42.33	ng	0.00
23) Nitrobenzene-d5	9.23	82	153777	88.27	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	122266	140.50	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	381352	82.86	ng	0.00
79) Terphenyl-d14	20.05	244	714092	97.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	9165	16.494	ng	97
3) Pyridine	3.90	79	18143	11.859	ng	87
4) n-Nitrosodimethylamine	3.82	42	15211	20.292	ng	87
6) Aniline	7.38	93	35933	17.174	ng	98
8) 2-Chlorophenol	7.62	128	53138	38.460	ng	97
9) Benzaldehyde	7.20	77	21971	20.664	ng	96
10) Phenol	7.24	94	27849	15.993	ng	93
11) bis(2-Chloroethyl)ether	7.48	93	56224	40.555	ng	96
12) 1,3-Dichlorobenzene	7.94	146	64323	39.374	ng	99
13) 1,4-Dichlorobenzene	8.09	146	65414	39.097	ng	98
14) 1,2-Dichlorobenzene	8.41	146	62914	39.887	ng	98
15) Benzyl Alcohol	8.30	79	37467	29.287	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	128558	40.481	ng	98
17) 2-Methylphenol	8.49	107	36967	31.687	ng	93
18) Hexachloroethane	9.14	117	22837	37.354	ng	92
19) n-Nitroso-di-n-propylamine	8.86	70	49438	42.946	ng	99
20) 3+4-Methylphenols	8.83	107	45982	28.539	ng	92
22) Acetophenone	8.89	105	97614	43.909	ng	# 100
24) Nitrobenzene	9.28	77	77836	44.164	ng	96
25) Isophorone	9.79	82	138866	44.363	ng	99
26) 2-Nitrophenol	9.99	139	36849	40.850	ng	98
27) 2,4-Dimethylphenol	10.03	122	58932	45.585	ng	97
28) bis(2-Chloroethoxy)methane	10.27	93	78938	44.687	ng	99
29) 2,4-Dichlorophenol	10.52	162	66166	46.006	ng	95
30) 1,2,4-Trichlorobenzene	10.73	180	73400	42.251	ng	97
31) Naphthalene	10.93	128	201812	46.021	ng	98
32) Benzoic acid	10.20	122	6479m	16.384	ng	
33) 4-Chloroaniline	11.04	127	35211	18.494	ng	98
34) Hexachlorobutadiene	11.18	225	47383	40.309	ng	95
35) Caprolactam	11.83	113	3948	6.633	ng	# 72
36) 4-Chloro-3-methylphenol	12.15	107	66652	40.611	ng	91
37) 2-Methylnaphthalene	12.52	142	158484	50.658	ng	99
38) 1-Methylnaphthalene	12.75	142	149794	49.342	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	95955	40.656	ng	99

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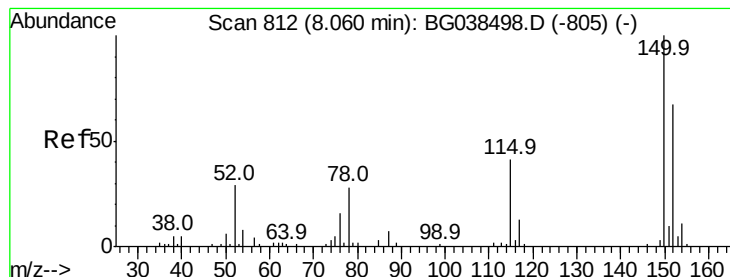
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	102087	78.730	nq	94
43) 2,4,6-Trichlorophenol	13.13	196	64102	44.172	nq	98
44) 2,4,5-Trichlorophenol	13.20	196	69079	44.959	nq	97
46) 1,1'-Biphenyl	13.53	154	213501	40.335	nq	99
47) 2-Chloronaphthalene	13.58	162	173498	42.433	nq	97
48) 2-Nitroaniline	13.79	65	58881	45.211	nq	95
49) Acenaphthylene	14.42	152	286826	46.924	nq	99
50) Dimethylphthalate	14.15	163	231054	44.810	nq	99
51) 2,6-Dinitrotoluene	14.28	165	52883	45.257	nq	93
52) Acenaphthene	14.76	154	164245	44.936	nq	99
53) 3-Nitroaniline	14.62	138	27212	22.845	nq	94
54) 2,4-Dinitrophenol	14.82	184	49257	71.439	nq	97
55) Dibenzofuran	15.09	168	279543	44.617	nq	99
56) 4-Nitrophenol	14.92	139	28132	31.132	nq	93
57) 2,4-Dinitrotoluene	15.06	165	74146	45.052	nq	98
58) Fluorene	15.74	166	227470	49.004	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.32	232	65702	47.529	nq	100
60) Diethylphthalate	15.50	149	241018	42.579	nq	99
61) 4-Chlorophenyl-phenylether	15.73	204	127632	44.068	nq	98
62) 4-Nitroaniline	15.78	138	53106	43.306	nq	93
63) Azobenzene	16.02	77	209147	44.229	nq	96
65) 4,6-Dinitro-2-methylphenol	15.82	198	45374	39.809	nq	97
66) n-Nitrosodiphenylamine	15.94	169	206297	43.942	nq	96
67) 4-Bromophenyl-phenylether	16.63	248	84577	43.342	nq	95
68) Hexachlorobenzene	16.74	284	90248	44.614	nq	98
69) Atrazine	16.89	200	85430	49.034	nq	97
70) Pentachlorophenol	17.09	266	91964	76.862	nq	97
71) Phenanthrene	17.48	178	401301	48.433	nq	98
72) Anthracene	17.58	178	402394	49.194	nq	100
73) Carbazole	17.85	167	354900	43.871	nq	98
74) Di-n-butylphthalate	18.38	149	418970	45.136	nq	100
75) Fluoranthene	19.49	202	498272	48.604	nq	96
77) Benzidine	19.67	184	135168	28.666	nq	99
78) Pyrene	19.86	202	491690	46.681	nq	100
80) Butylbenzylphthalate	20.73	149	189436	46.034	nq	99
81) Benzo(a)anthracene	21.70	228	482303	49.643	nq	99
82) 3,3'-Dichlorobenzidine	21.62	252	109198	28.340	nq	98
83) Chrysene	21.77	228	446053	47.666	nq	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	265115	45.425	nq	99
85) Di-n-octyl phthalate	22.79	149	455450	46.596	nq	100
86) Indeno(1,2,3-cd)pyrene	28.80	276	548726	49.877	nq	# 95
88) Benzo(b)fluoranthene	23.96	252	483435	50.391	nq	99
89) Benzo(k)fluoranthene	24.03	252	474588	49.678	nq	96
90) Benzo(a)pyrene	24.86	252	469992	50.780	nq	98
91) Dibenzo(a,h)anthracene	28.88	278	454998	49.374	nq	98
92) Benzo(g,h,i)perylene	30.00	276	455198	50.122	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG038694.D

Acq: 18 Dec 2018 14:42

Instrument :

BNA_G

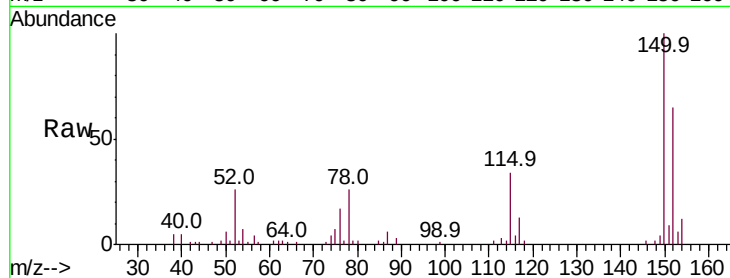
ClientSampleId :

PR-MW-04_121218MS

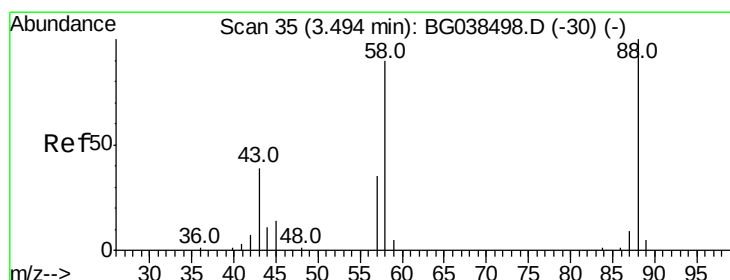
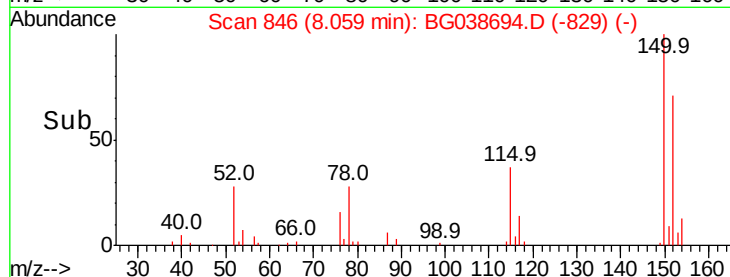
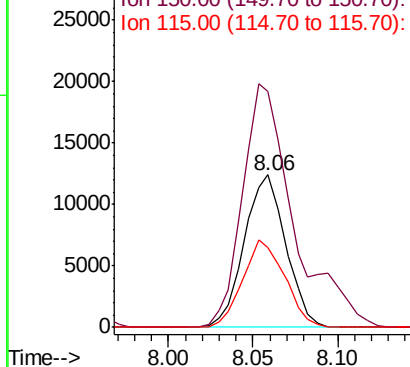
Tot Ion:	152	Resp:	21176
Ion	Ratio	Lower	Upper
152	100		
150	155.0	119.5	179.3
115	52.7	49.6	74.4

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



#2

1,4-Dioxane

Concen: 16.494 ng

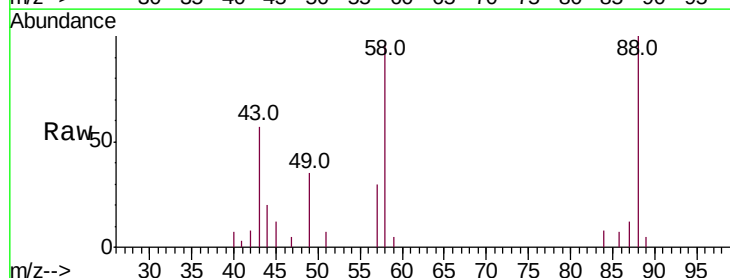
RT: 3.49 min Scan# 69

Delta R.T. -0.00 min

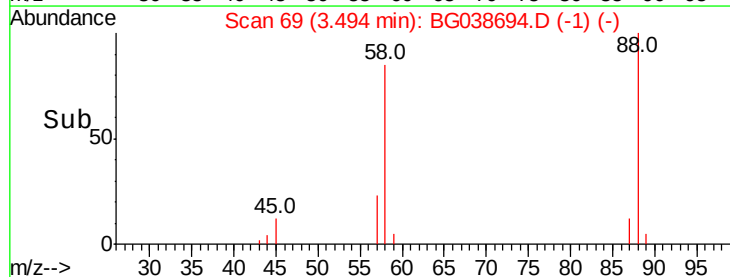
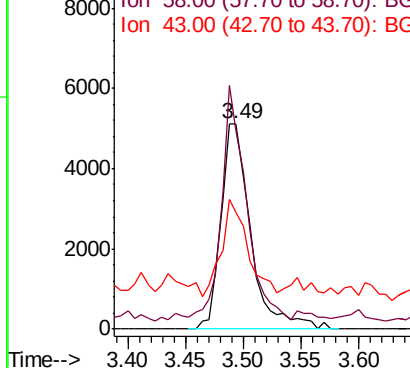
Lab File: BG038694.D

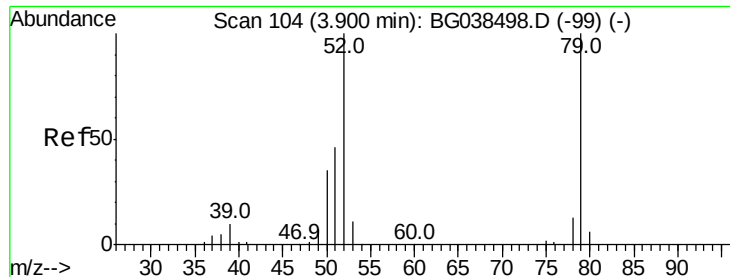
Acq: 18 Dec 2018 14:42

Tgt Ion:	88	Resp:	9165
Ion	Ratio	Lower	Upper
88	100		
58	97.6	75.7	113.5
43	41.5	31.6	47.4



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





#3

Pvridine

Concen: 11.859 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.00 min

Lab File: BG038694.D

Acq: 18 Dec 2018 14:42

Instrument :

BNA_G

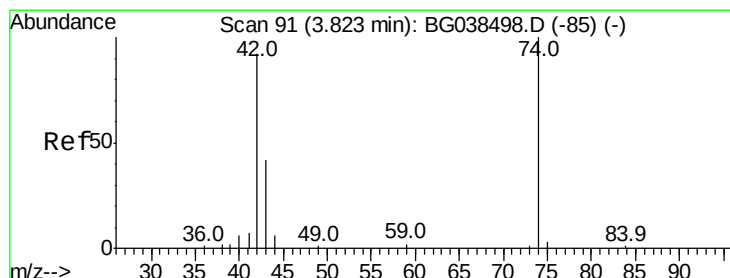
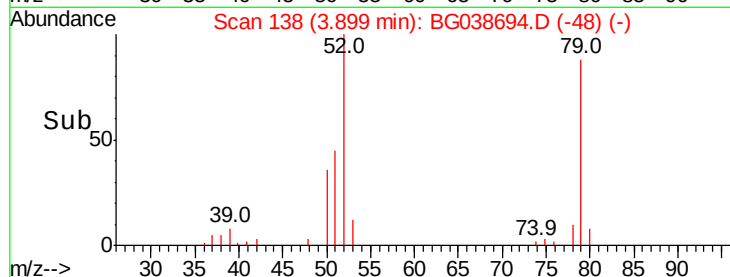
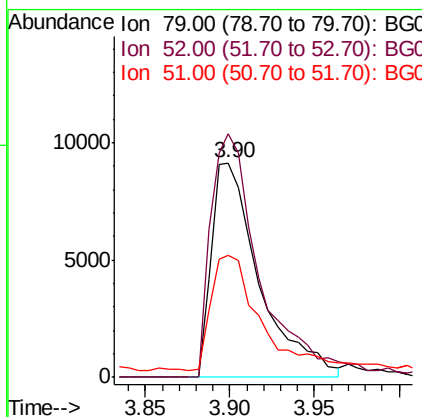
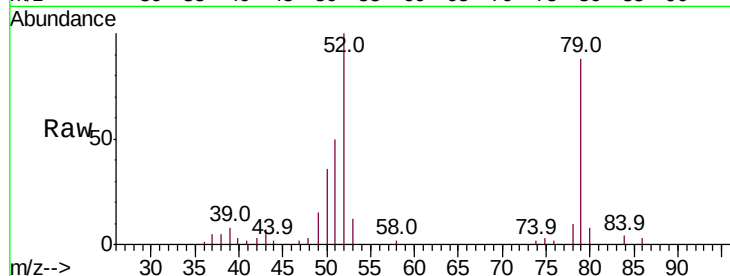
ClientSampleId :

PR-MW-04_121218MS

Tot Ion:	79	Resp:	18143
Ion	Ratio	Lower	Upper
79	100		
52	113.4	80.2	120.2
51	56.7	38.0	57.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 20.292 ng

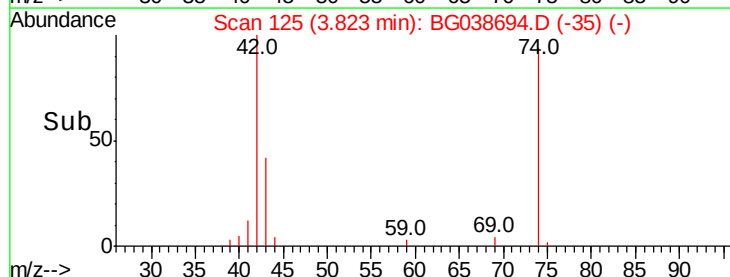
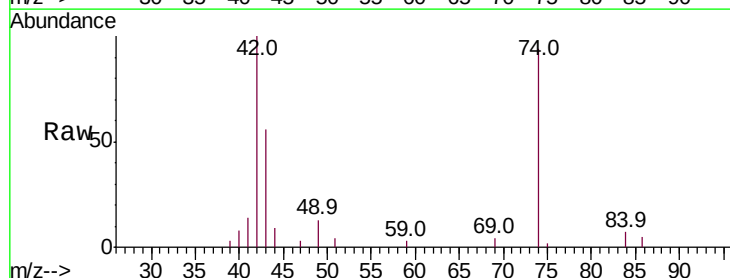
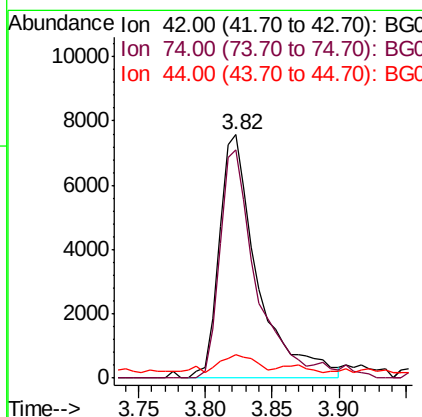
RT: 3.82 min Scan# 125

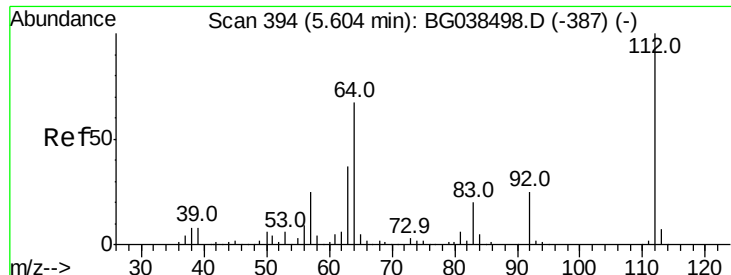
Delta R.T. -0.00 min

Lab File: BG038694.D

Acq: 18 Dec 2018 14:42

Tgt Ion:	42	Resp:	15211
Ion	Ratio	Lower	Upper
42	100		
74	93.9	86.7	130.1
44	9.4	7.8	11.8





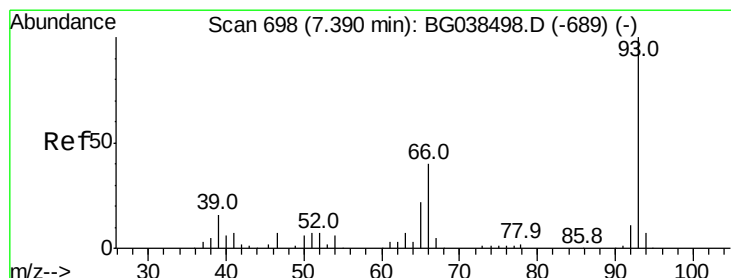
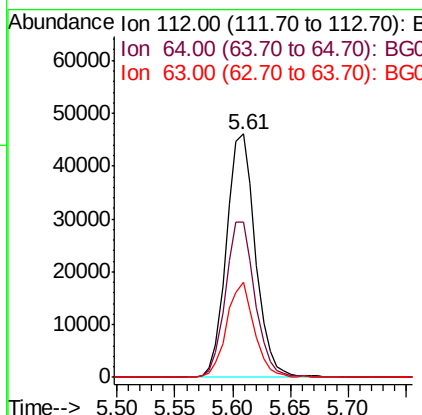
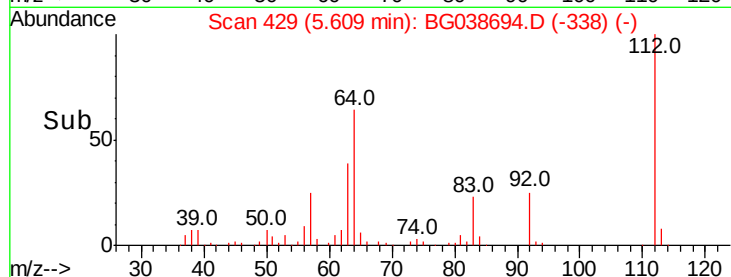
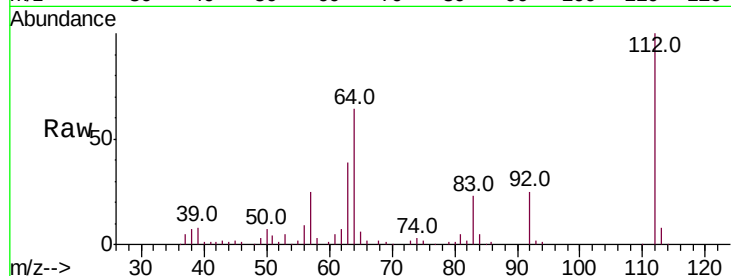
#5
2-Fluorophenol
Concen: 67.263 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038694.D
Acq: 18 Dec 2018 14:42

Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	63.7	53.4	80.2
63	39.0	29.3	43.9

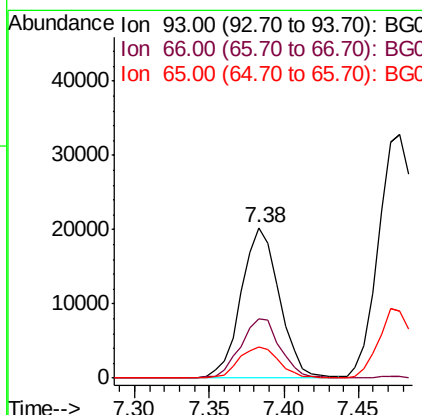
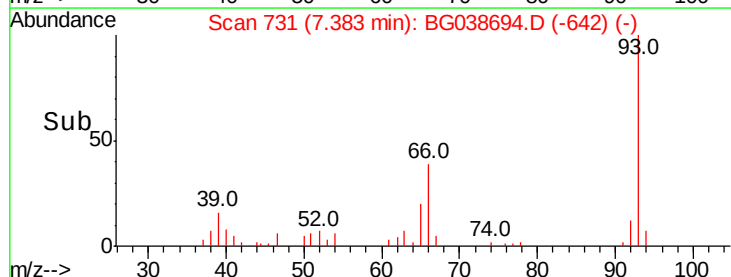
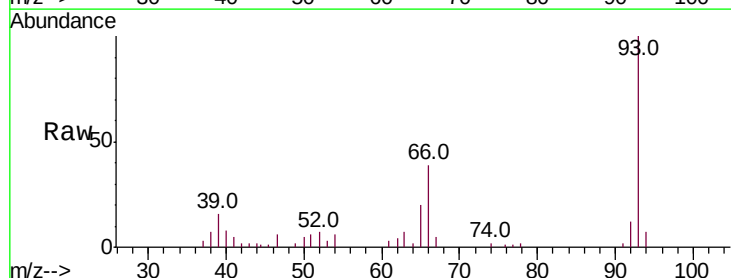
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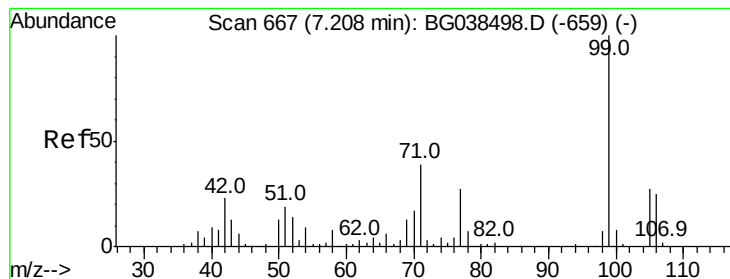
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#6
Aniline
Concen: 17.174 ng
RT: 7.38 min Scan# 731
Delta R.T. -0.01 min
Lab File: BG038694.D
Acq: 18 Dec 2018 14:42

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	39.1	31.7	47.5
65	20.4	17.8	26.6





#7

Phenol-d6

Concen: 42.333 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038694.D

Acq: 18 Dec 2018 14:42

Instrument :

BNA_G

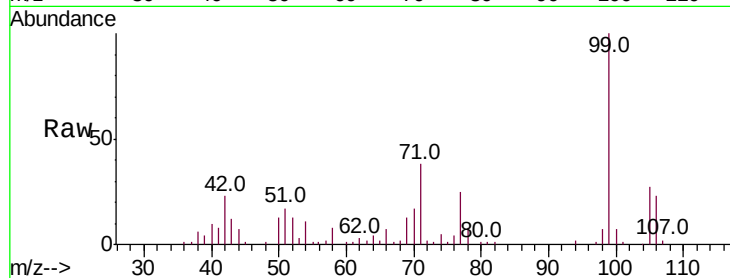
ClientSampleId :

PR-MW-04_121218MS

Tot Ion:	99	Resp:	69385
Ion Ratio	Lower	Upper	
99	100		
42	22.7	18.5	27.7
71	38.5	31.1	46.7

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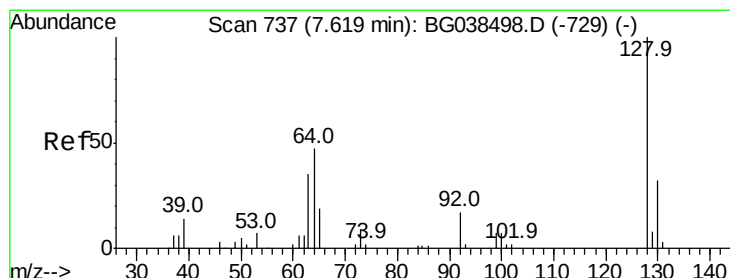
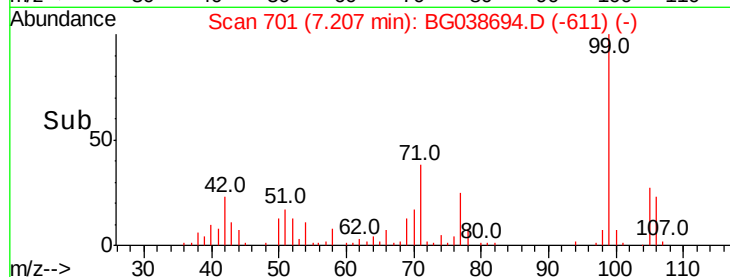
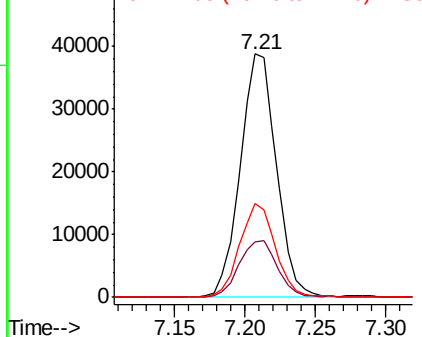


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 38.460 ng

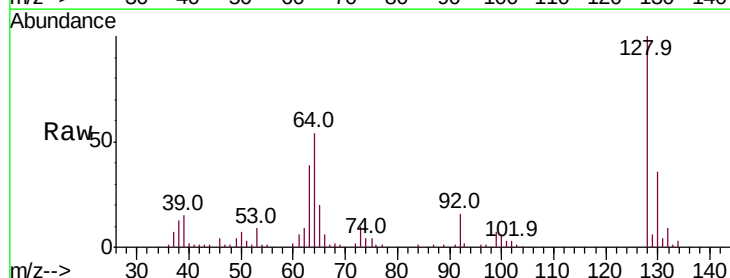
RT: 7.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BG038694.D

Acq: 18 Dec 2018 14:42

Tgt Ion:	128	Resp:	53138
Ion Ratio	Lower	Upper	
128	100		
130	35.8	11.8	51.8
64	53.8	33.2	73.2

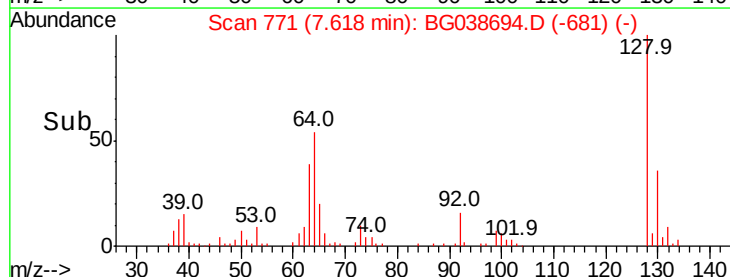
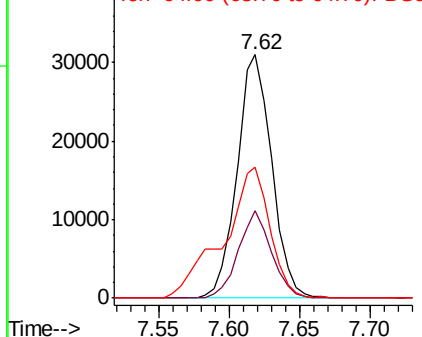


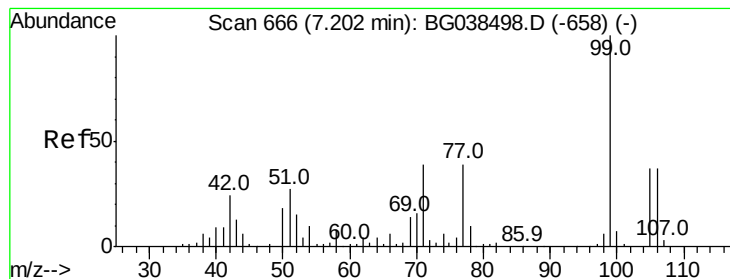
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 20.664 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038694.D

Acq: 18 Dec 2018 14:42

Instrument :

BNA_G

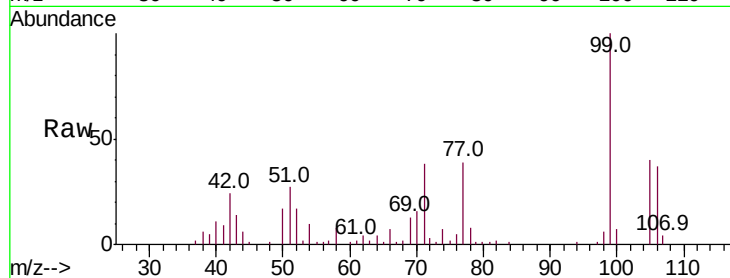
ClientSampleId :

PR-MW-04_121218MS

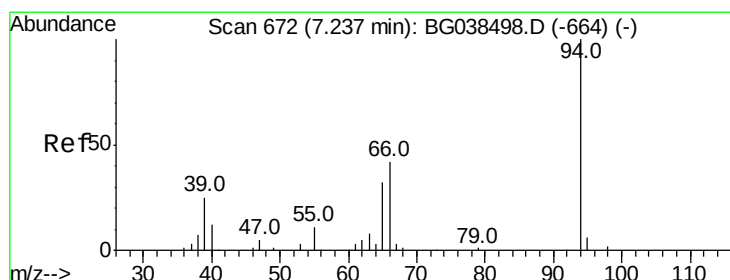
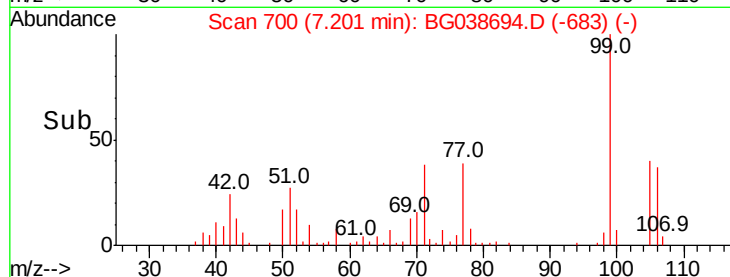
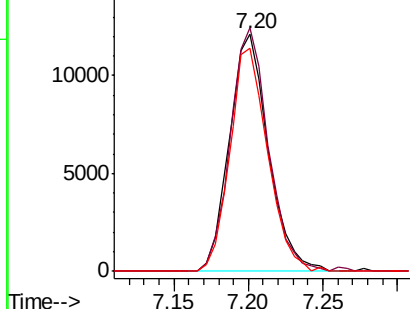
Tot Ion:	77	Resp:	21971
Ion	Ratio	Lower	Upper
77	100		
105	102.4	74.0	114.0
106	94.0	73.9	113.9

Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 15.993 ng

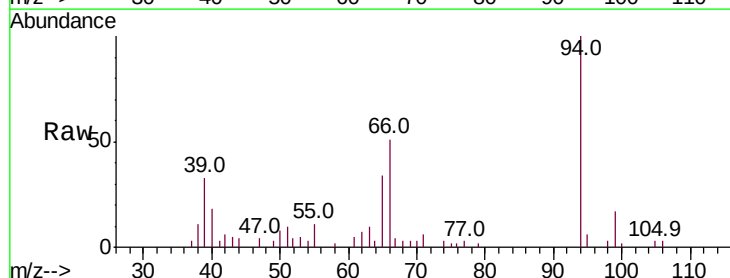
RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

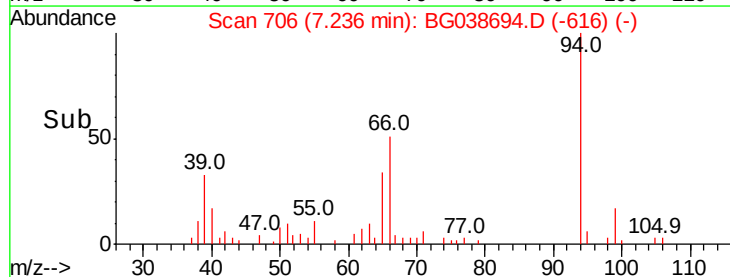
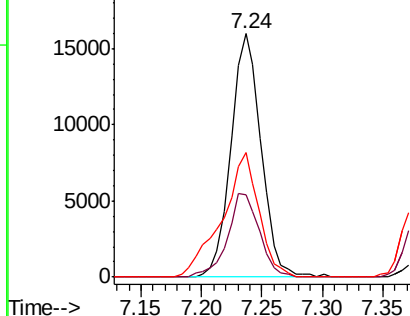
Lab File: BG038694.D

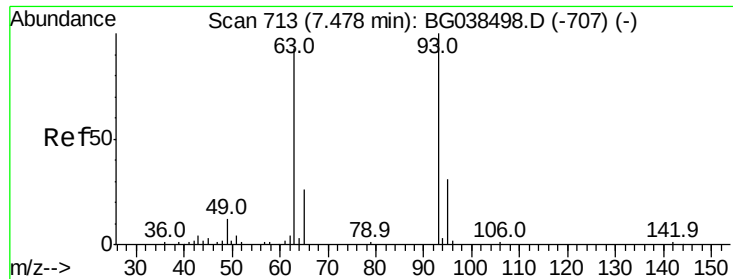
Acq: 18 Dec 2018 14:42

Tgt Ion:	94	Resp:	27849
Ion	Ratio	Lower	Upper
94	100		
65	33.8	12.6	52.6
66	51.2	24.1	64.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 40.555 ng

RT: 7.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BG038694.D

Acq: 18 Dec 2018 14:42

Instrument :

BNA_G

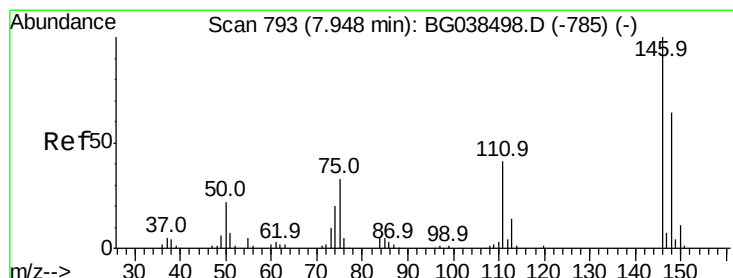
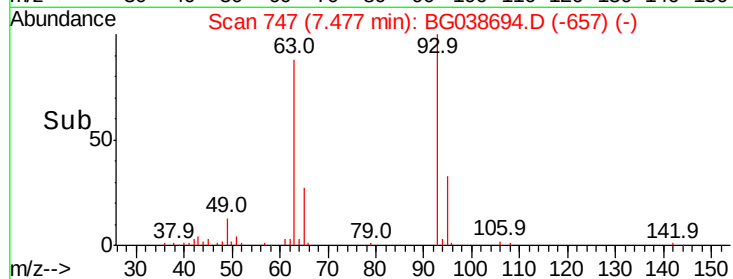
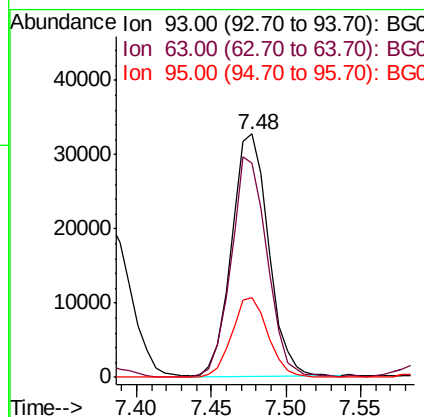
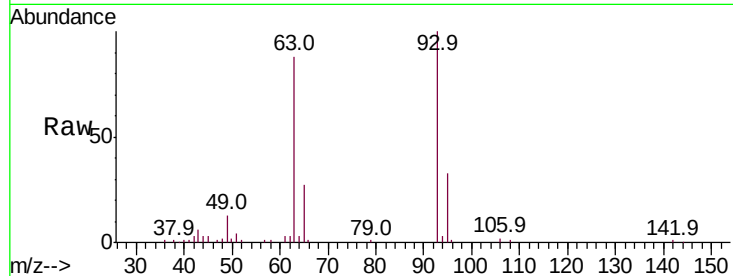
ClientSampleId :

PR-MW-04_121218MS

Tot Ion:	93	Resp:	56224
Ion	Ratio	Lower	Upper
93	100		
63	87.7	72.2	112.2
95	32.5	11.2	51.2

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 39.374 ng

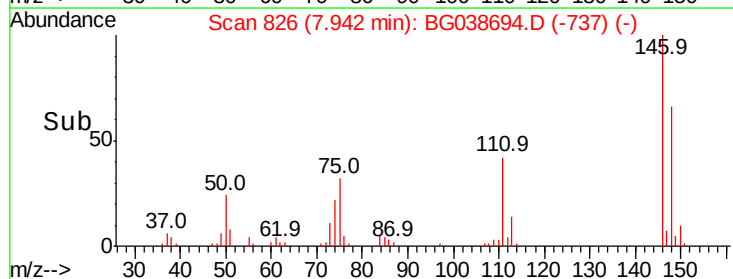
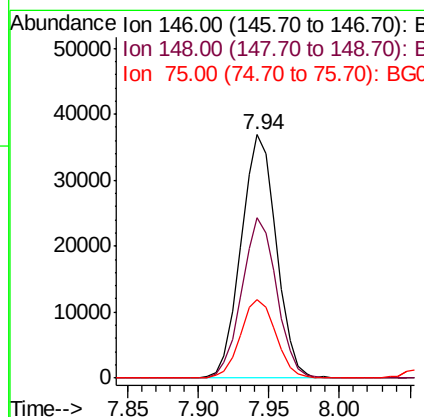
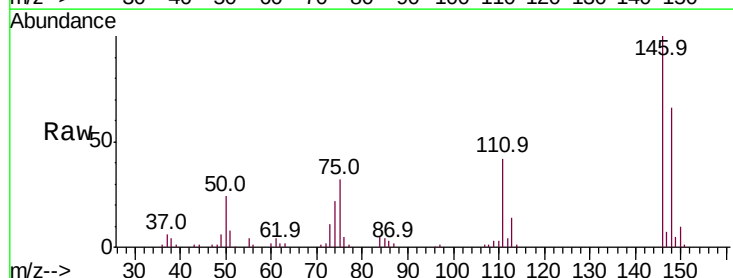
RT: 7.94 min Scan# 826

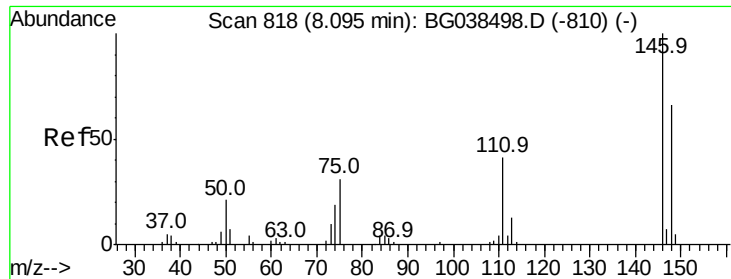
Delta R.T. -0.01 min

Lab File: BG038694.D

Acq: 18 Dec 2018 14:42

Tgt Ion:	146	Resp:	64323
Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.4	77.0
75	32.3	26.1	39.1





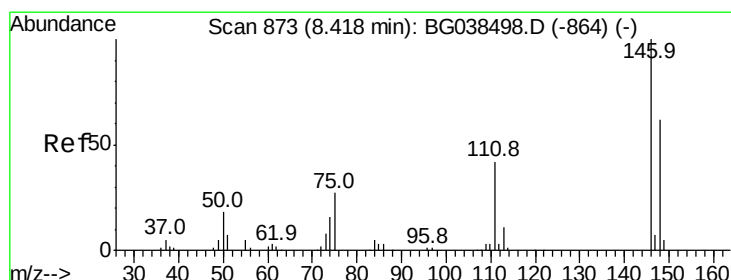
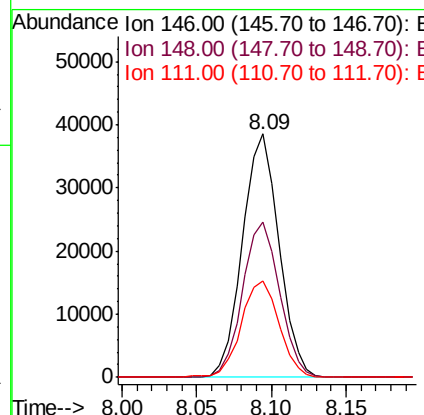
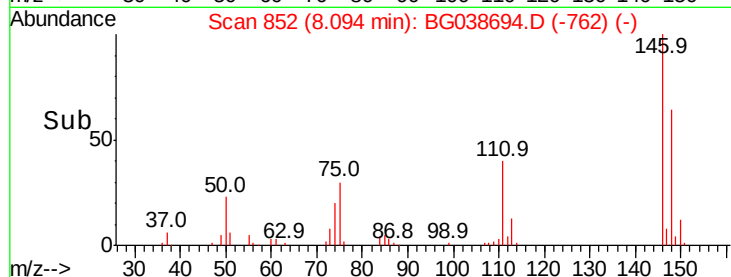
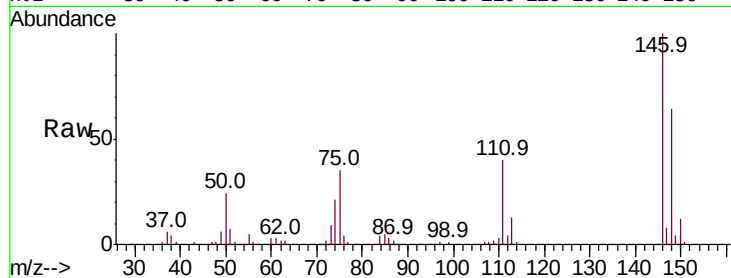
#13
 1,4-Dichlorobenzene
 Concen: 39.097 ng
 RT: 8.09 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BG038694.D
 Acq: 18 Dec 2018 14:42

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-04_121218MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.4	78.6
111	39.6	33.0	49.4

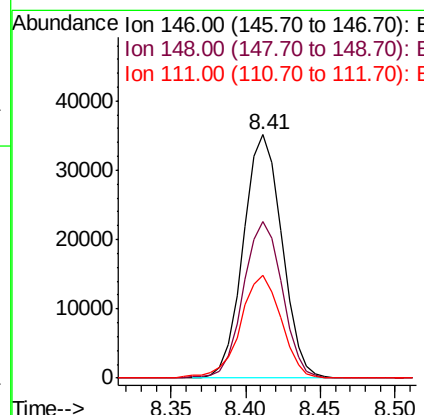
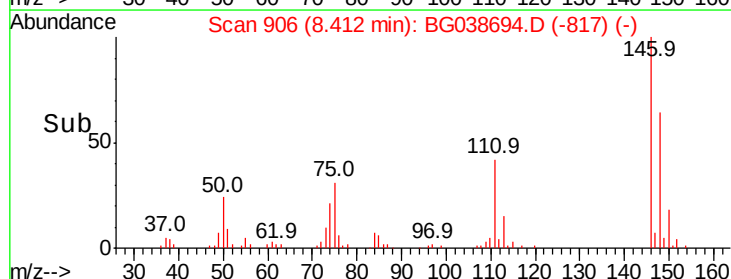
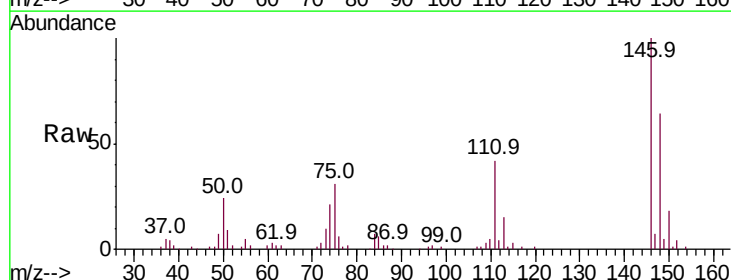
Manual Integrations
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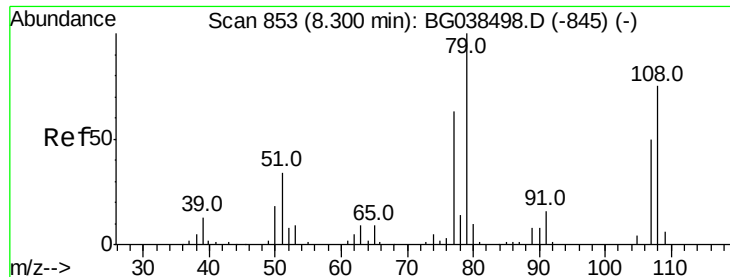
Sohil
 12/19/2018 4:12:20 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.887 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BG038694.D
 Acq: 18 Dec 2018 14:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	49.4	74.0
111	42.4	33.8	50.6





#15

Benzyl Alcohol

Concen: 29.287 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG038694.D

Acq: 18 Dec 2018 14:42

Instrument :

BNA_G

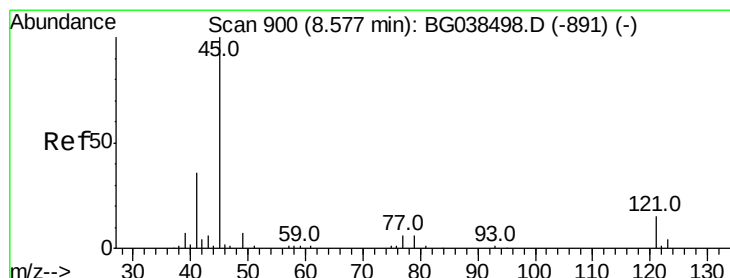
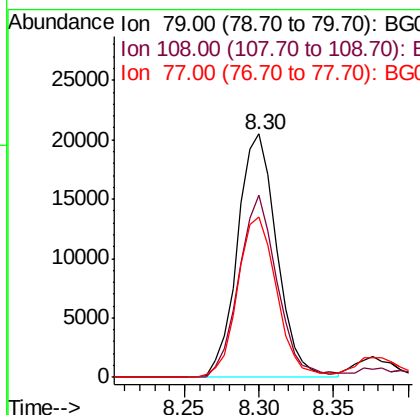
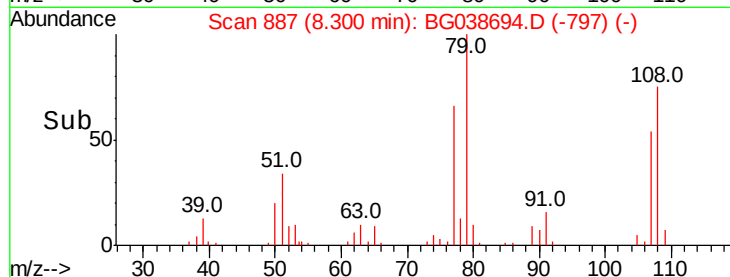
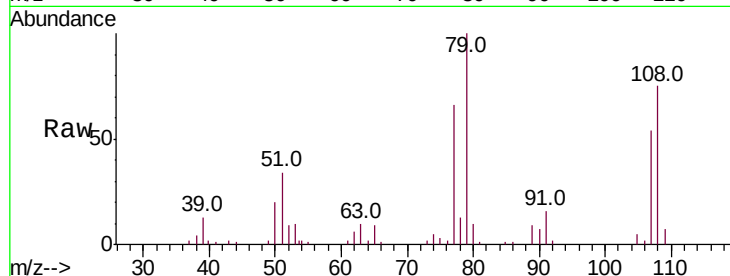
ClientSampleId :

PR-MW-04_121218MS

Tot Ion:	79	Resp:	37467
Ion Ratio	Lower	Upper	
79	100		
108	74.8	60.2	90.4
77	65.9	50.7	76.1

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.481 ng

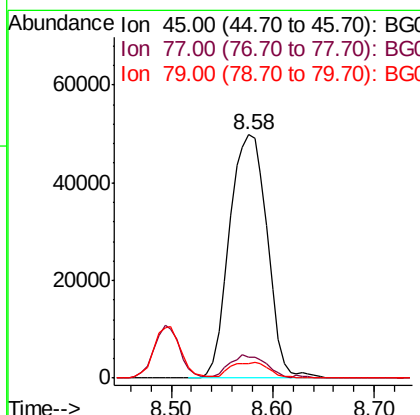
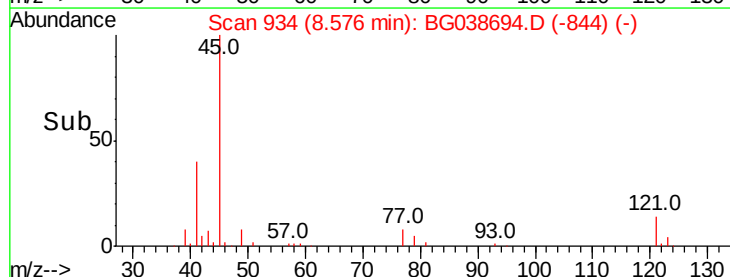
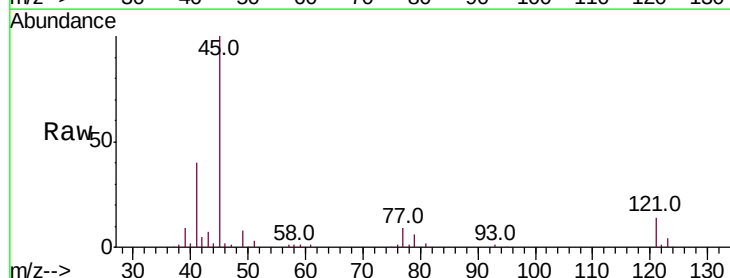
RT: 8.58 min Scan# 934

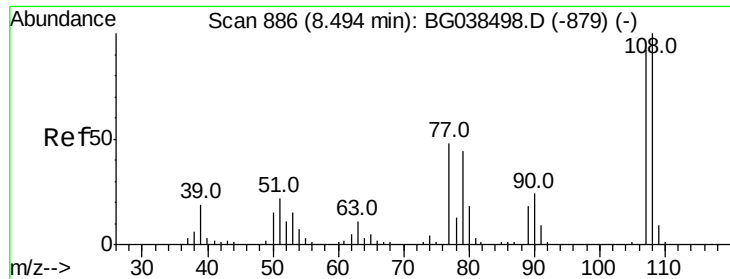
Delta R.T. -0.00 min

Lab File: BG038694.D

Acq: 18 Dec 2018 14:42

Tgt Ion:	45	Resp:	128558
Ion Ratio	Lower	Upper	
45	100		
77	8.5	0.0	28.2
79	6.1	0.0	27.2





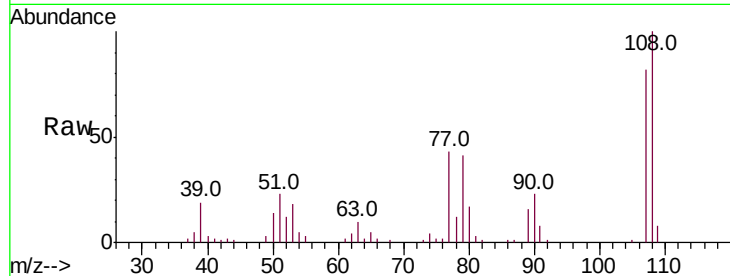
#17
2-Methylphenol
Concen: 31.687 ng
RT: 8.49 min Scan# 920
Delta R.T. -0.00 min
Lab File: BG038694.D
Acq: 18 Dec 2018 14:42

Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	121.3	87.1	130.7	
77	52.8	42.0	63.0	
79	50.1	38.2	57.2	

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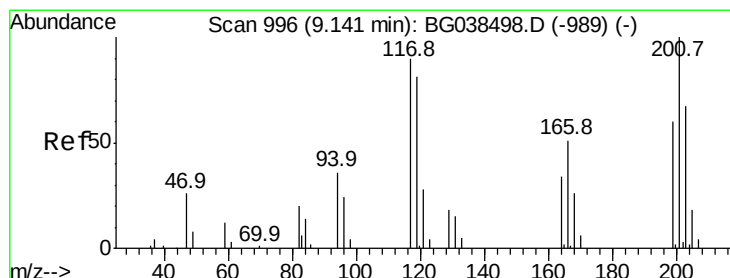
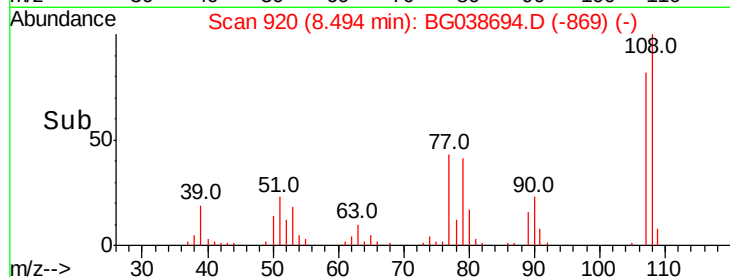
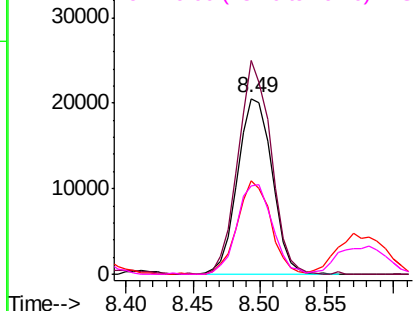
Abundance

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: 37.354 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG038694.D
Acq: 18 Dec 2018 14:42

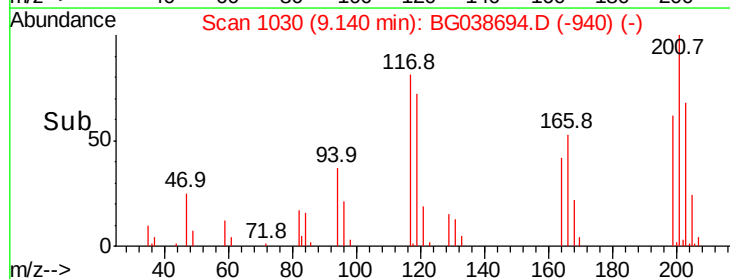
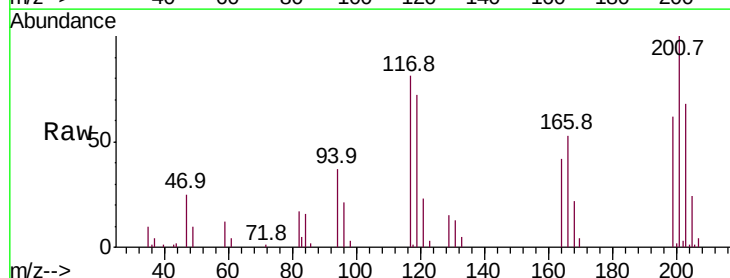
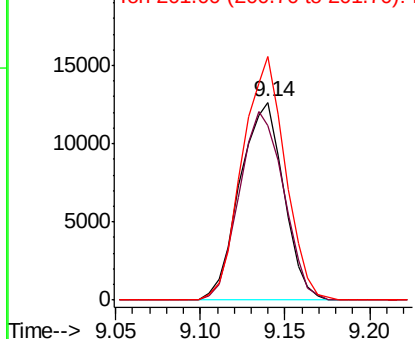
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	88.3	73.8	110.8	
201	123.0	89.4	134.0	

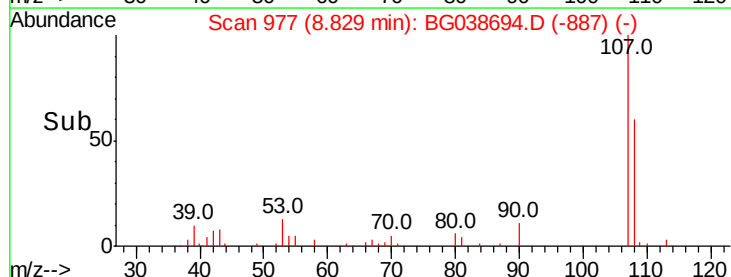
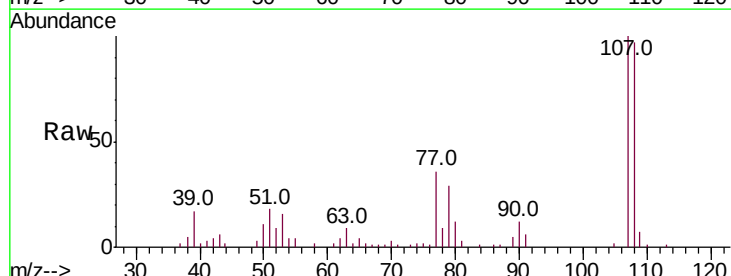
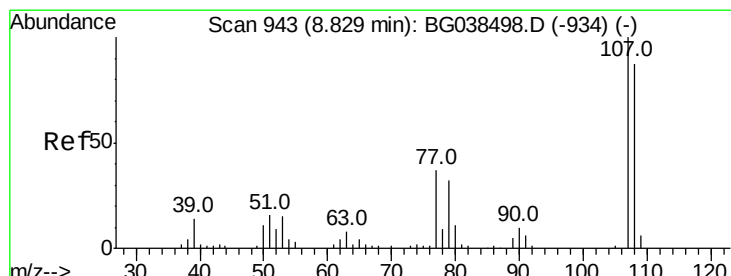
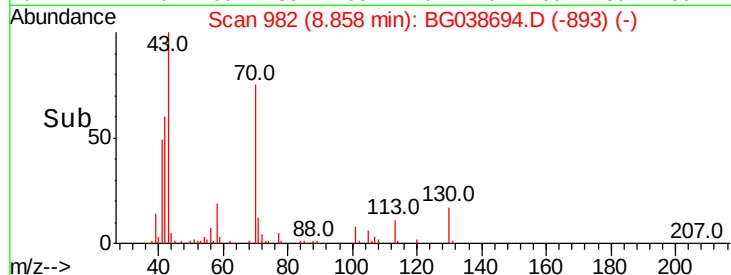
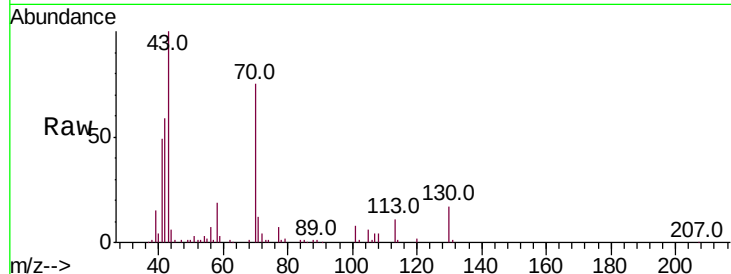
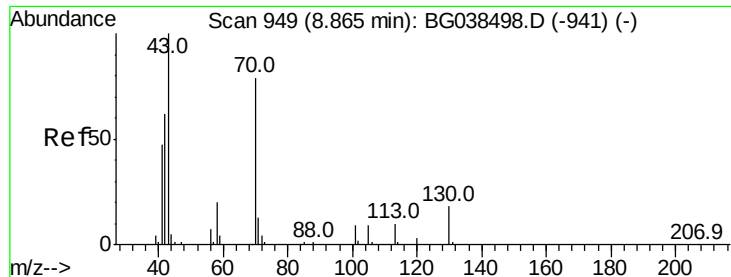
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

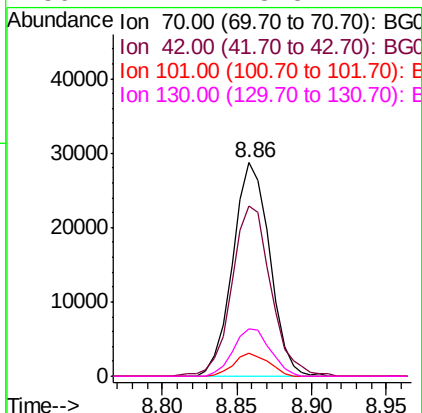
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 42.946 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BG038694.D
Acq: 18 Dec 2018 14:42

Tot Ion	Ratio	Lower	Upper
70	100		
42	79.5	63.6	95.4
101	11.0	9.2	13.8
130	22.2	18.5	27.7



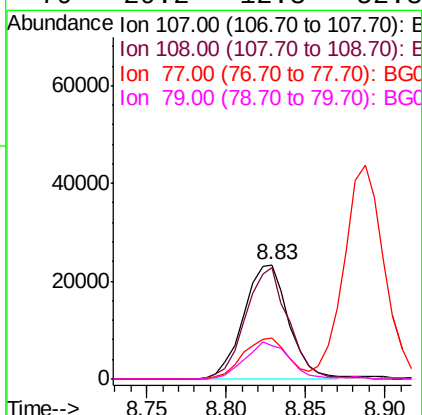
Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MS

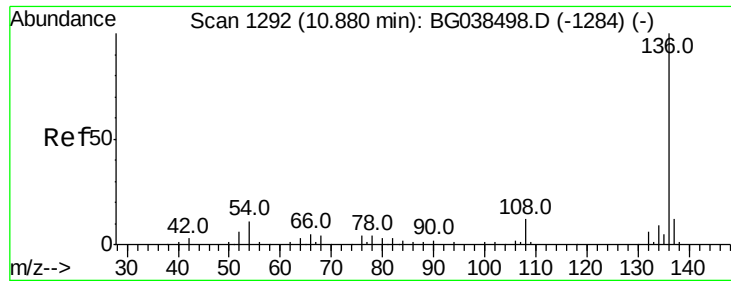
Manual Integrations
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#20
3+4-Methylphenols
Concen: 28.539 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG038694.D
Acq: 18 Dec 2018 14:42

Tgt Ion	Ratio	Lower	Upper
107	100		
108	97.2	66.7	106.7
77	35.6	17.3	57.3
79	29.2	12.3	52.3





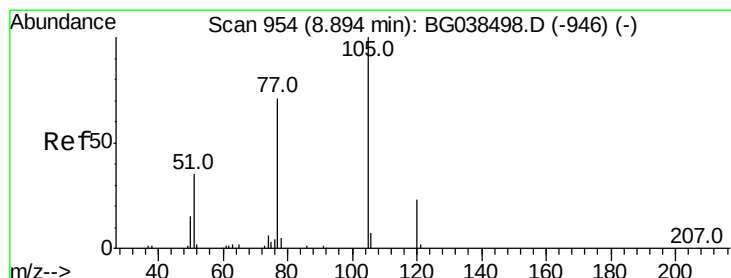
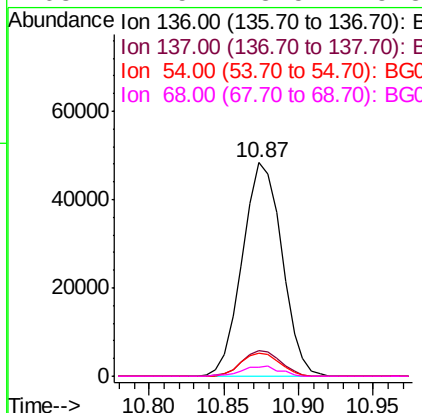
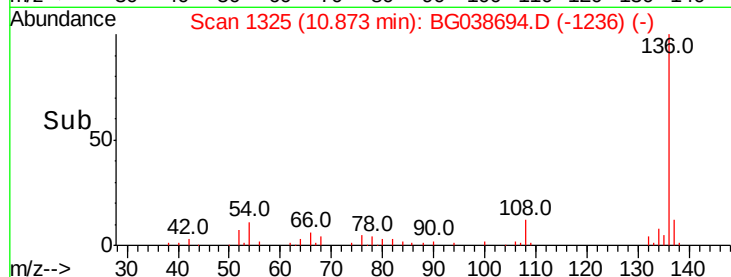
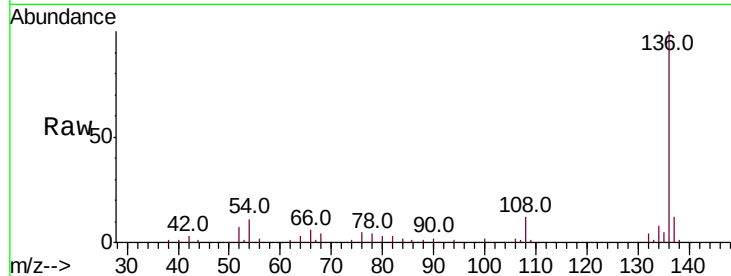
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038694.D
Acq: 18 Dec 2018 14:42

Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.7	9.3	13.9	
54	10.5	8.5	12.7	
68	4.5	3.5	5.3	

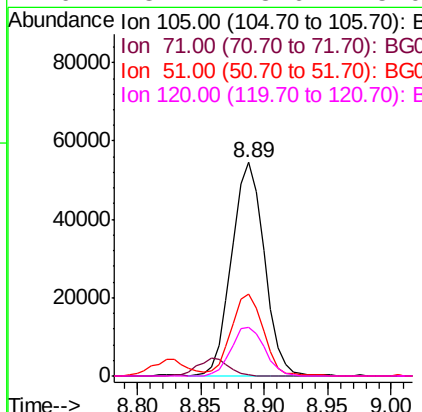
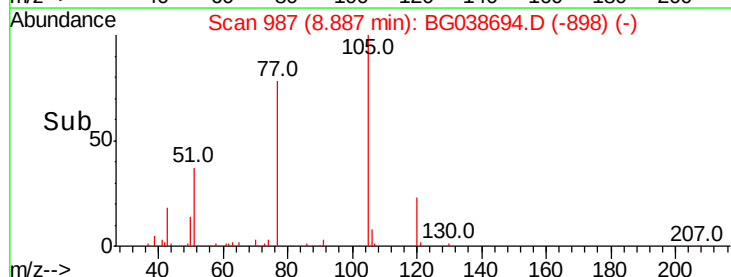
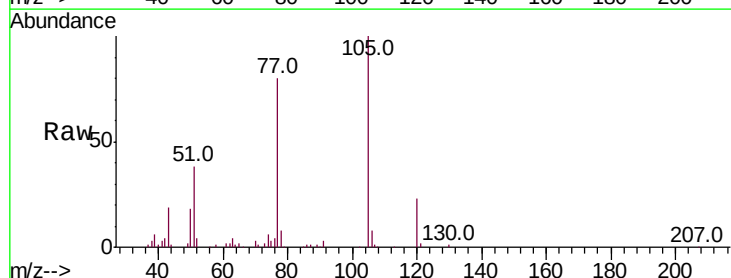
Manual Integrations
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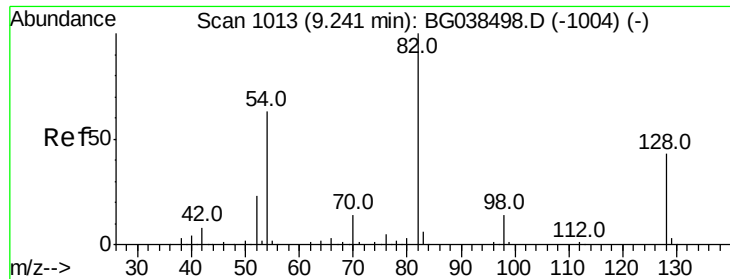
Sohil
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#22
Acetophenone
Concen: 43.909 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG038694.D
Acq: 18 Dec 2018 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.6	0.4	0.6#	
51	38.1	30.6	46.0	
120	23.1	18.6	28.0	





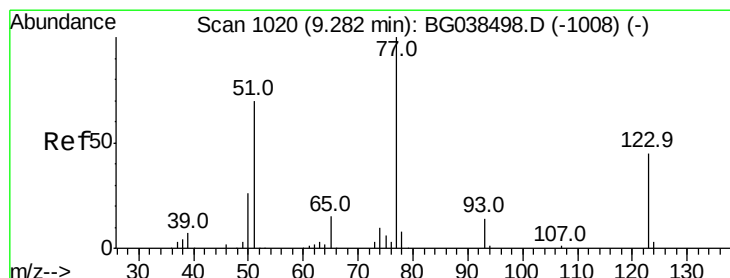
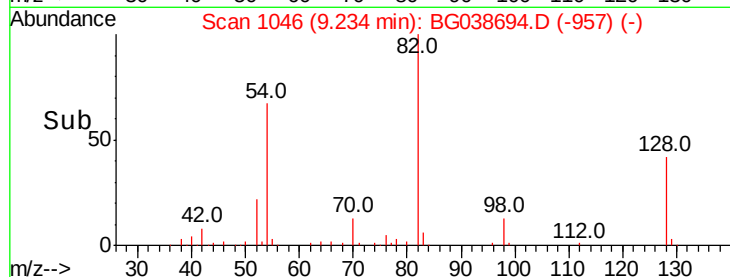
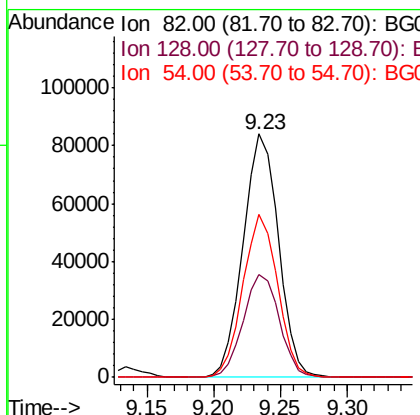
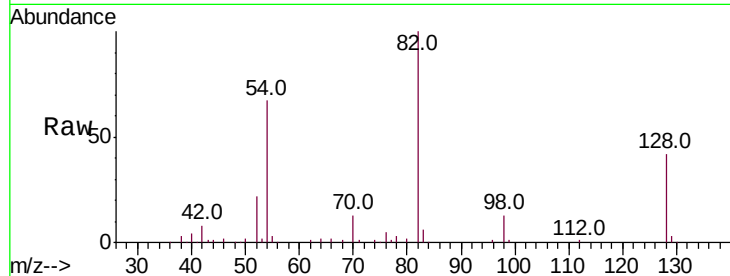
#23
Nitrobenzene-d5
Concen: 88.267 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038694.D
Acq: 18 Dec 2018 14:42

Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.1	34.6	52.0
54	67.2	50.6	76.0

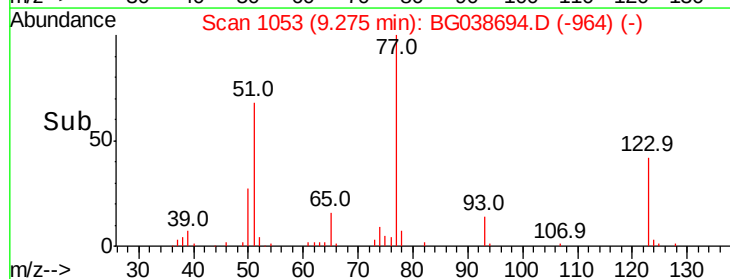
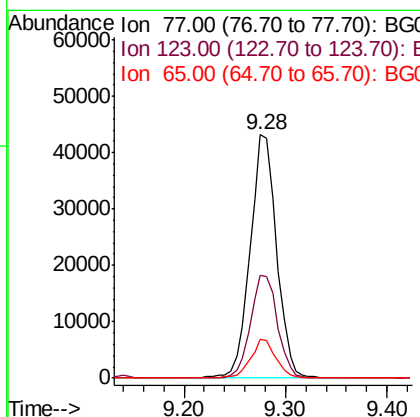
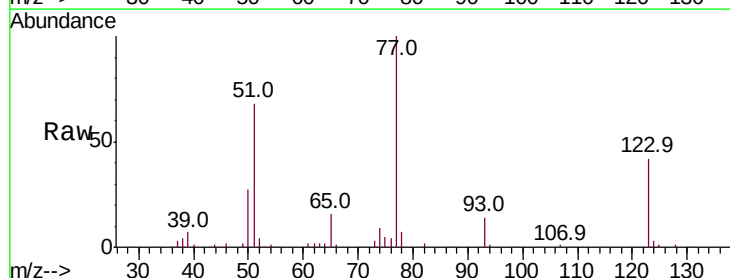
Manual Integrations
APPROVED

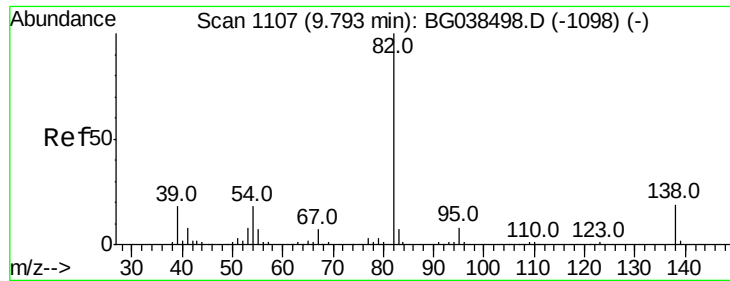
Sohil
12/19/2018 4:12:20 PM



#24
Nitrobenzene
Concen: 44.164 ng
RT: 9.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG038694.D
Acq: 18 Dec 2018 14:42

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.3	35.9	53.9
65	16.0	12.0	18.0





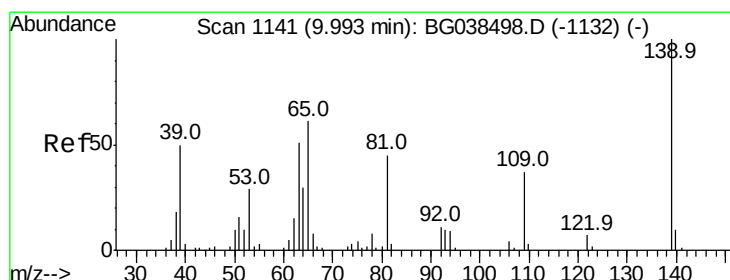
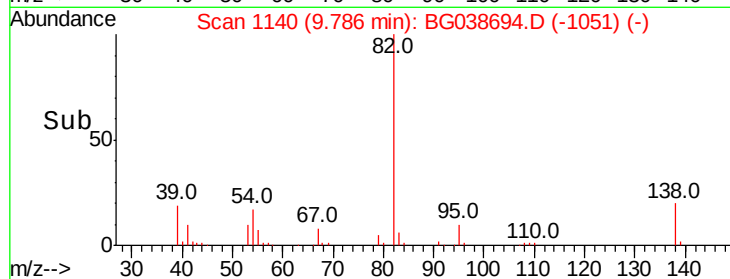
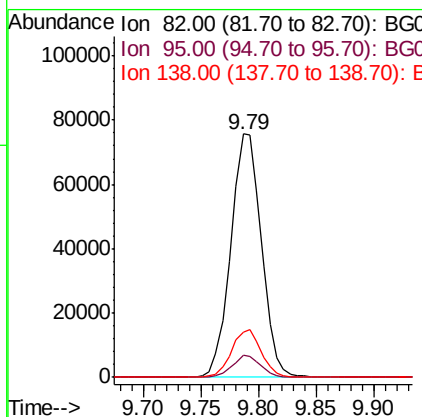
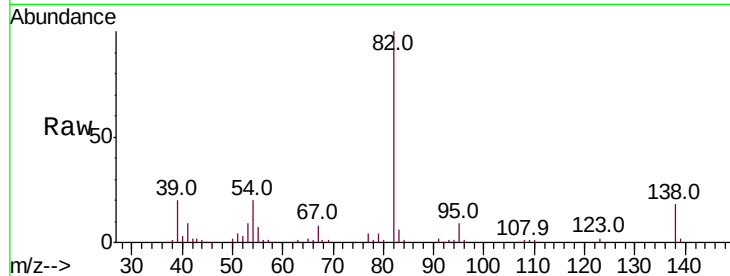
#25
Isophorone
Concen: 44.363 ng
RT: 9.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BG038694.D
Acq: 18 Dec 2018 14:42

Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.9	6.1	9.1	
138	18.4	14.9	22.3	

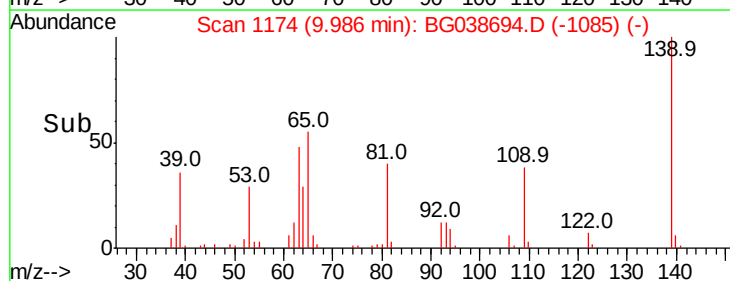
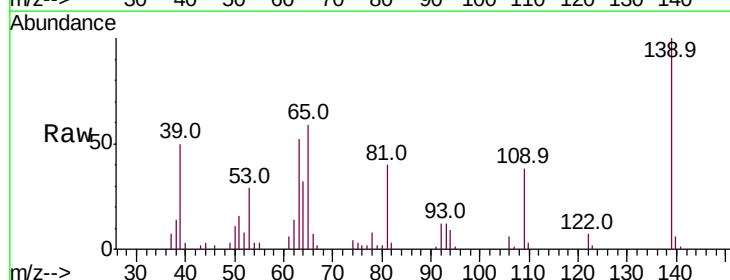
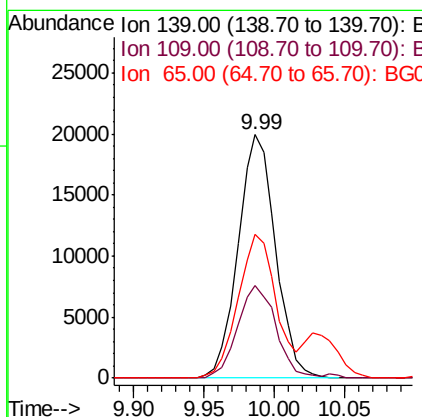
Manual Integrations
APPROVED

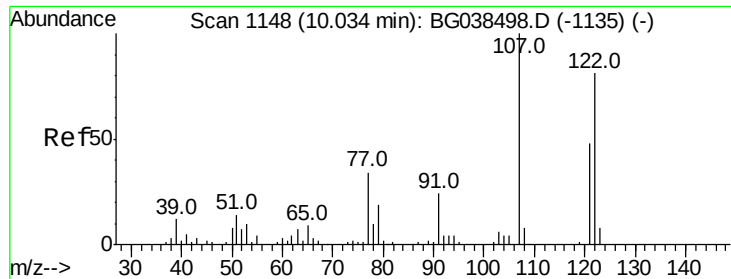
Sohil
12/19/2018 4:12:20 PM



#26
2-Nitrophenol
Concen: 40.850 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG038694.D
Acq: 18 Dec 2018 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	38.1	29.5	44.3	
65	59.1	48.5	72.7	





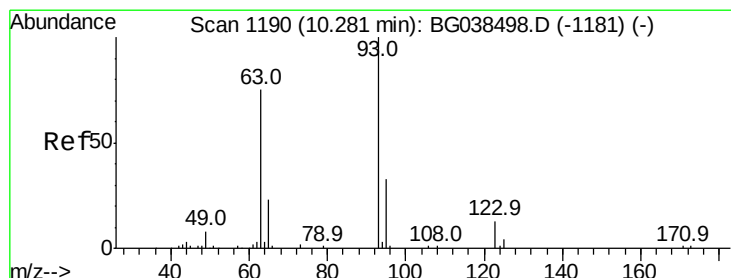
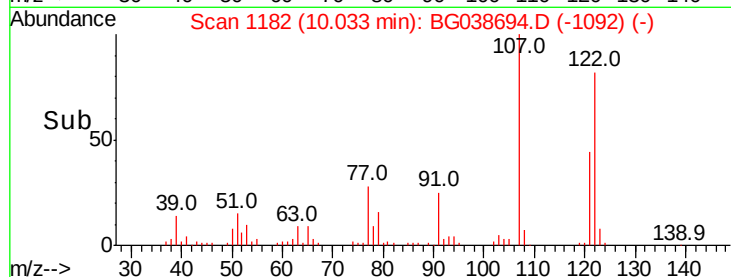
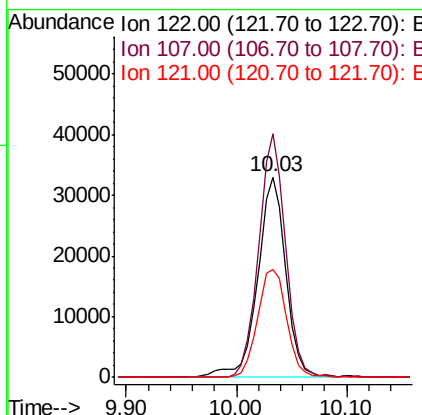
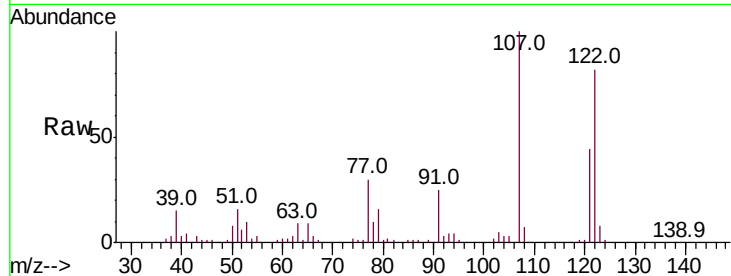
#27
 2,4-Dimethylphenol
 Concen: 45.585 ng
 RT: 10.03 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BG038694.D
 Acq: 18 Dec 2018 14:42

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-04_121218MS

Tot Ion:122 Resp: 58932
 Ion Ratio Lower Upper
 122 100
 107 121.4 98.4 147.6
 121 53.8 47.2 70.8

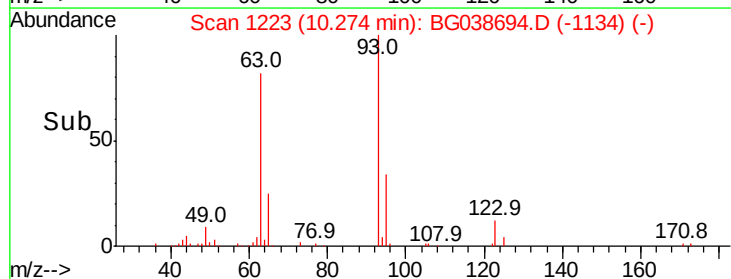
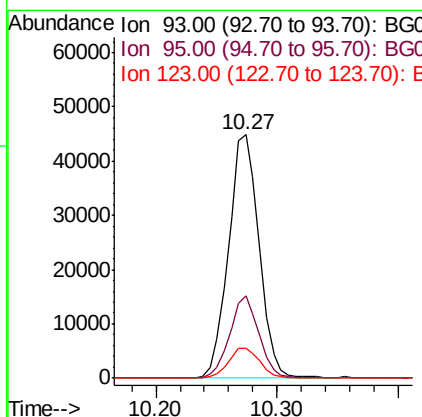
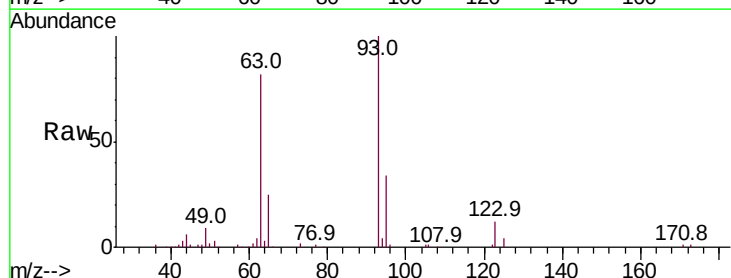
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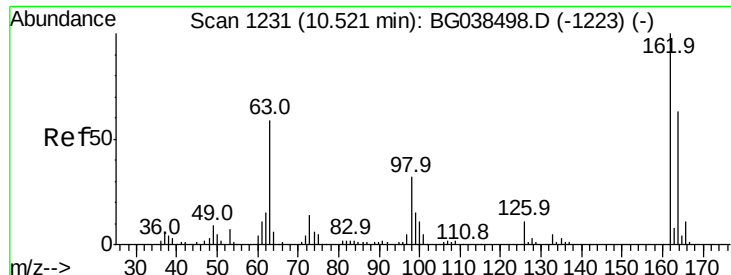
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 44.687 ng
 RT: 10.27 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BG038694.D
 Acq: 18 Dec 2018 14:42

Tgt Ion: 93 Resp: 78938
 Ion Ratio Lower Upper
 93 100
 95 33.7 26.6 40.0
 123 12.4 10.6 16.0





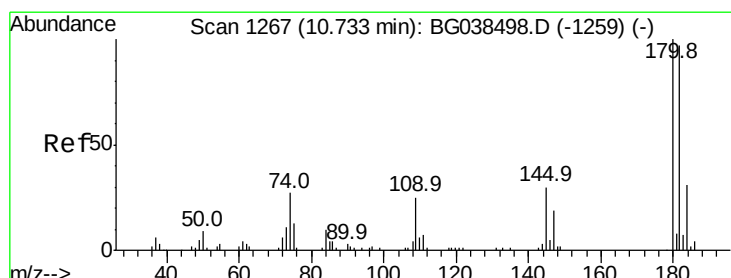
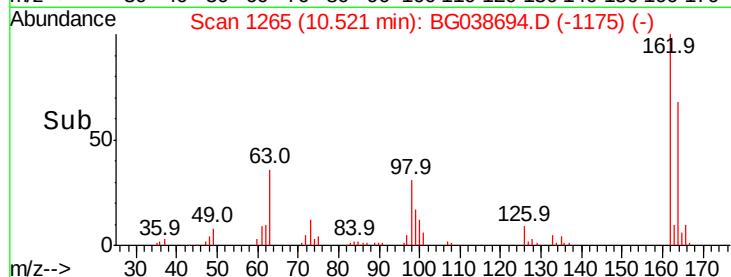
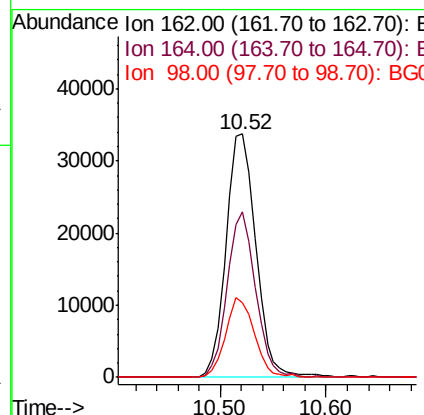
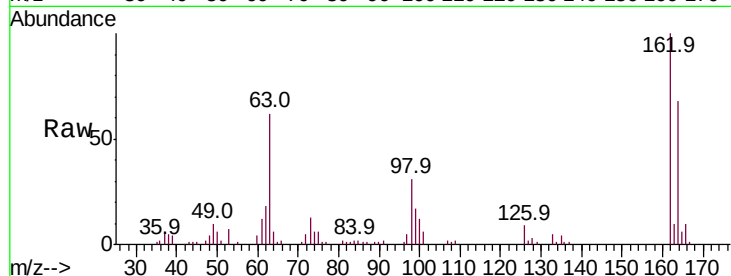
#29
 2,4-Dichlorophenol
 Concen: 46.006 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BG038694.D
 Acq: 18 Dec 2018 14:42

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-04_121218MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	66166		
164	68.2		42.9	82.9
98	30.6		12.1	52.1

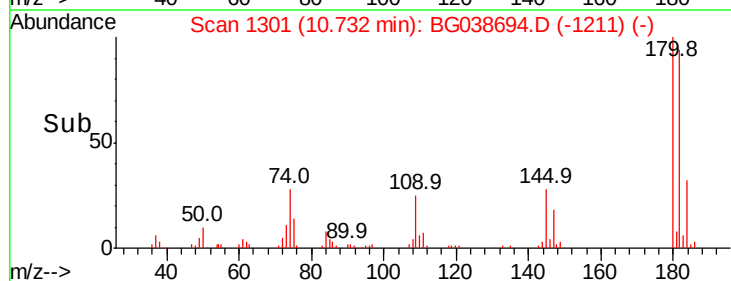
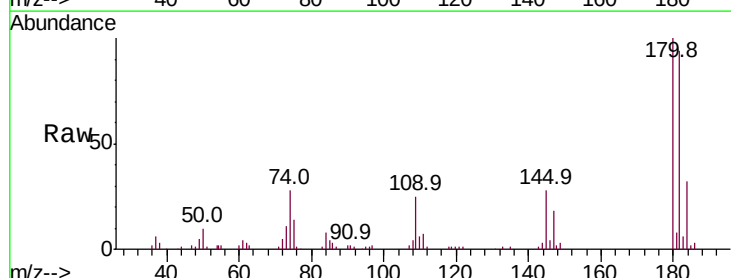
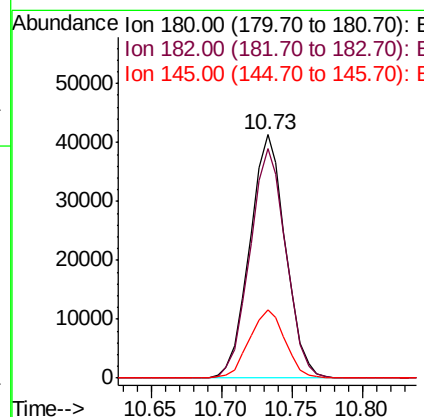
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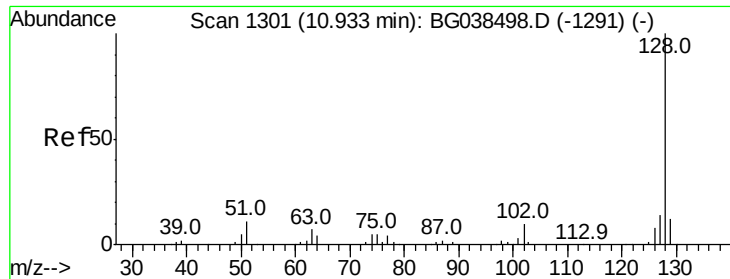
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.251 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BG038694.D
 Acq: 18 Dec 2018 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	73400		
182	94.3		77.4	116.0
145	28.1		24.1	36.1





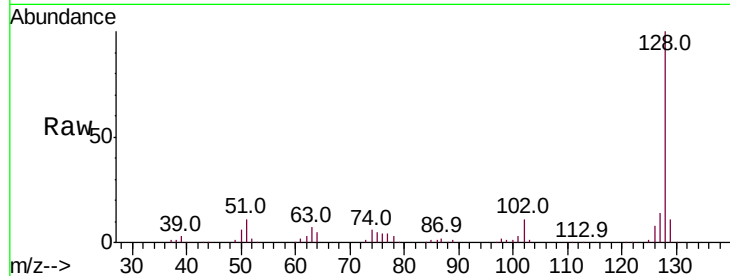
#31
Naphthalene
Concen: 46.021 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG038694.D
Acq: 18 Dec 2018 14:42

Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MS

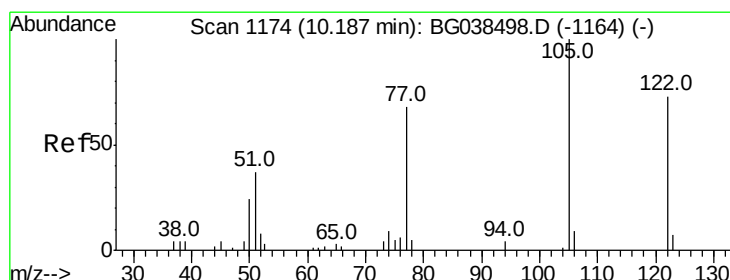
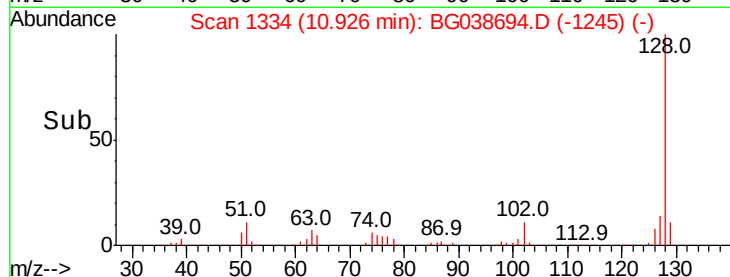
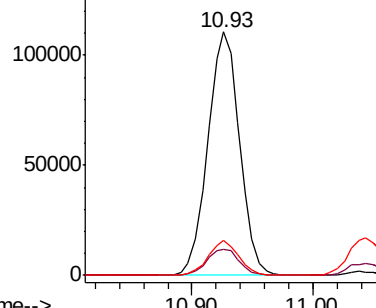
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.5	14.3
127	14.2	10.9	16.3

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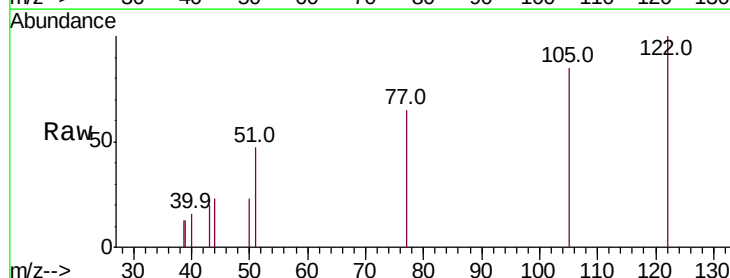


Abundance Ion 128.00 (127.70 to 128.70): E
150000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

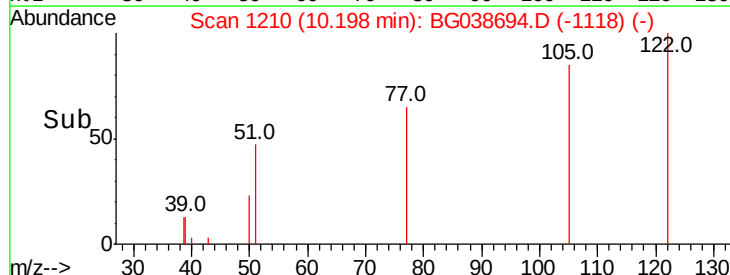
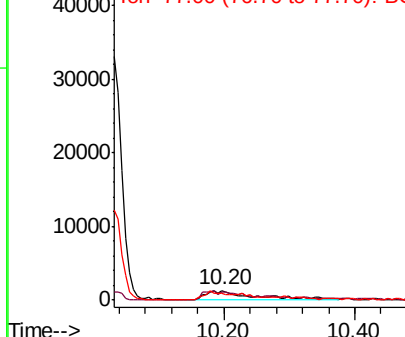


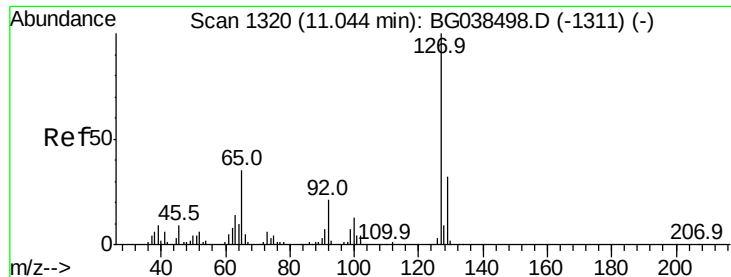
#32
Benzoic acid
Concen: 16.384 ng m
RT: 10.20 min Scan# 1210
Delta R.T. 0.01 min
Lab File: BG038694.D
Acq: 18 Dec 2018 14:42

Tgt Ion	Ratio	Lower	Upper
122	100		
105	84.6	116.7	156.7#
77	65.3	72.5	112.5#



Abundance Ion 122.00 (121.70 to 122.70): E
40000
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGO





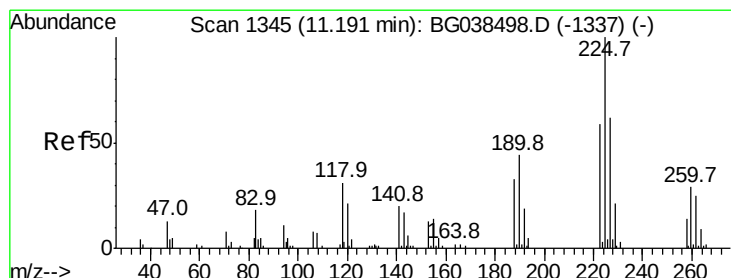
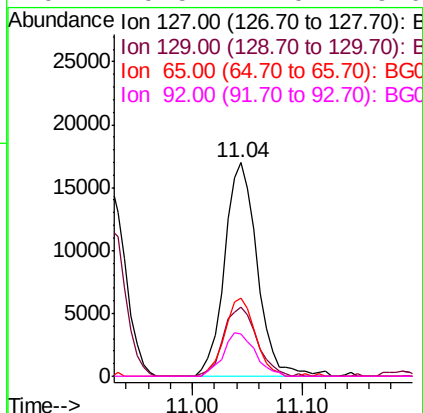
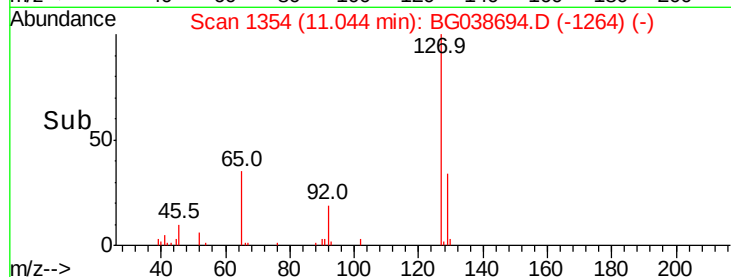
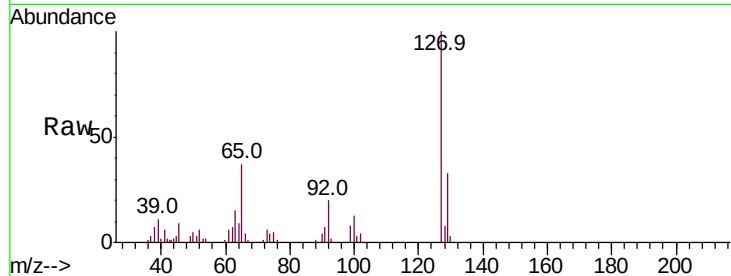
#33
4-Chloroaniline
Concen: 18.494 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG038694.D
Acq: 18 Dec 2018 14:42

Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.8	38.8
65	36.5	27.8	41.6
92	19.5	17.0	25.6

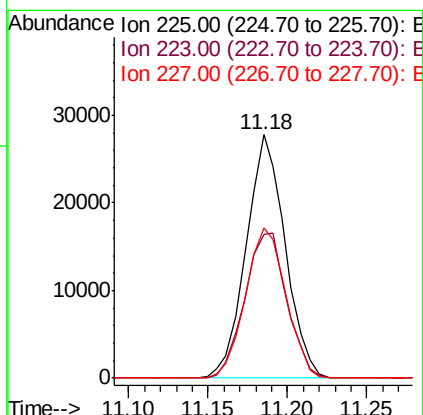
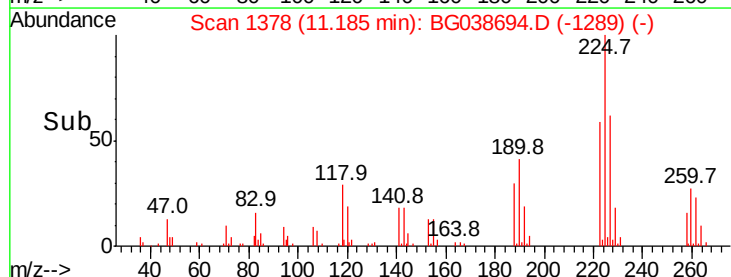
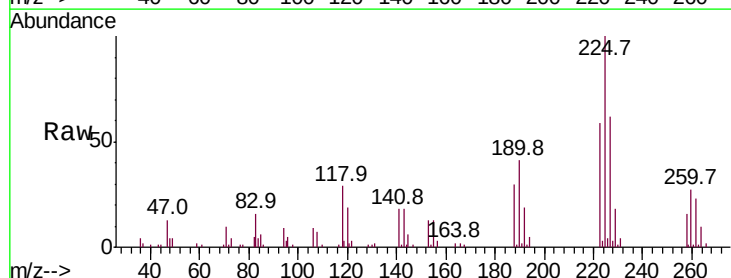
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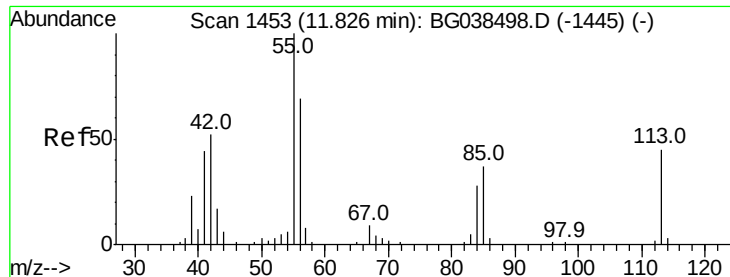
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#34
Hexachlorobutadiene
Concen: 40.309 ng
RT: 11.18 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BG038694.D
Acq: 18 Dec 2018 14:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	45.0	67.6
227	64.2	50.6	75.8





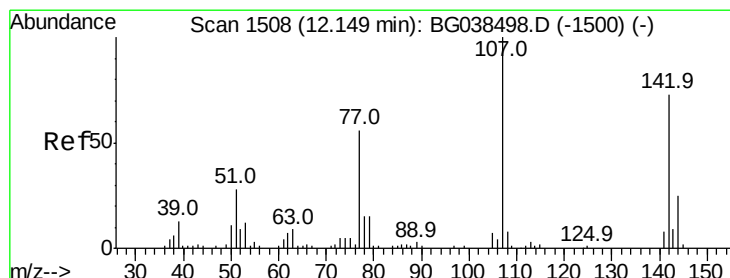
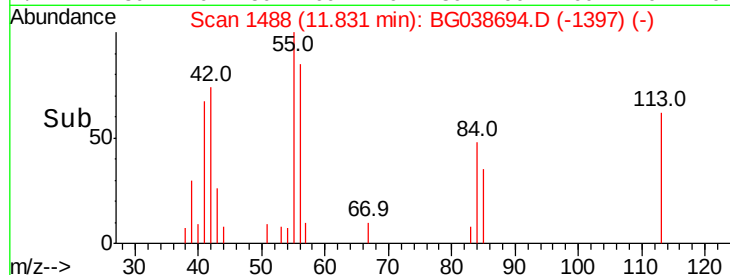
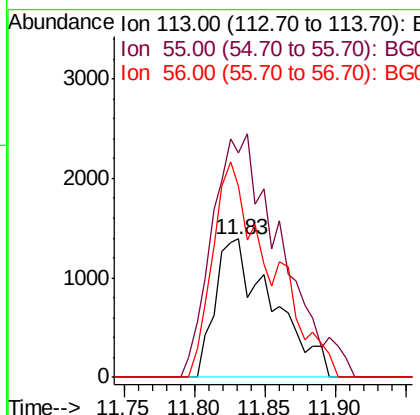
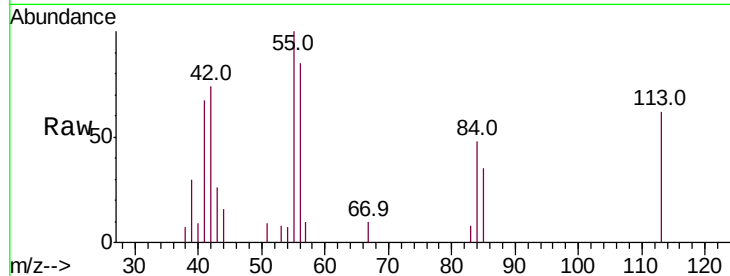
#35
Caprolactam
Concen: 6.633 ng
RT: 11.83 min Scan# 1488
Delta R.T. 0.01 min
Lab File: BG038694.D
Acq: 18 Dec 2018 14:42

Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MS

Tot Ion:113 Resp: 3948
Ion Ratio Lower Upper
113 100
55 162.1 204.3 244.3#
56 138.0 135.0 175.0

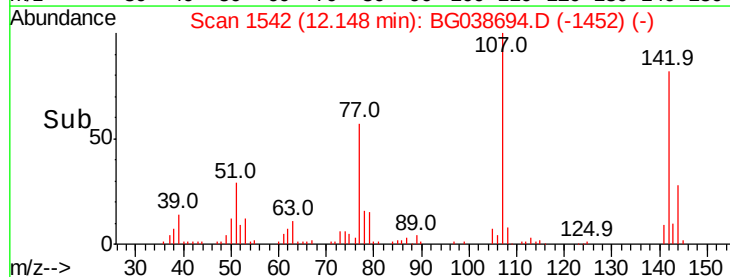
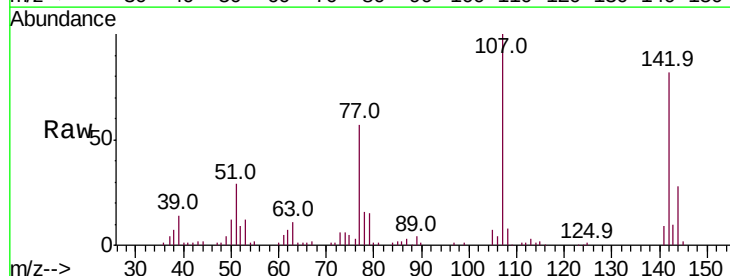
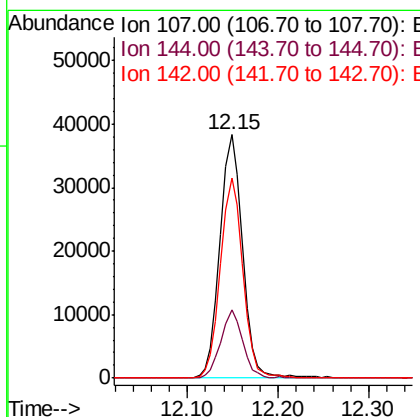
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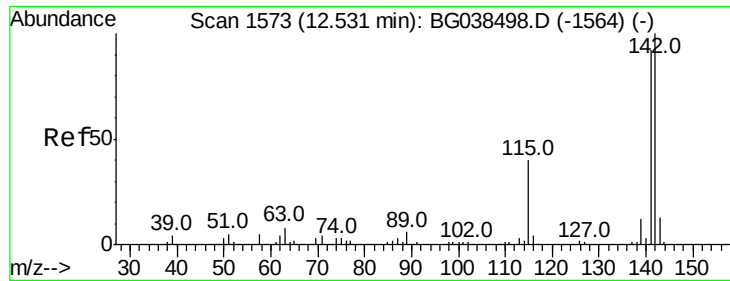
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#36
4-Chloro-3-methylphenol
Concen: 40.611 ng
RT: 12.15 min Scan# 1542
Delta R.T. -0.00 min
Lab File: BG038694.D
Acq: 18 Dec 2018 14:42

Tgt Ion:107 Resp: 66652
Ion Ratio Lower Upper
107 100
144 27.9 20.1 30.1
142 82.3 58.7 88.1





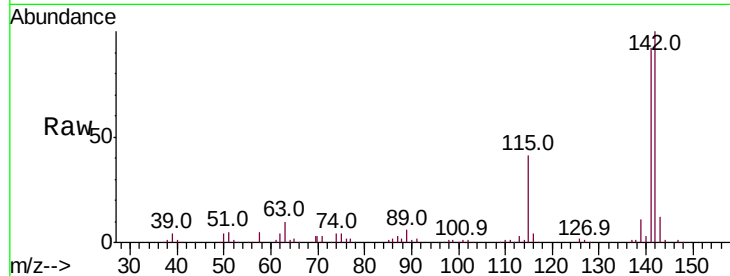
#37
2-Methylnaphthalene
Concen: 50.658 ng
RT: 12.52 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BG038694.D
Acq: 18 Dec 2018 14:42

Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.5	110.3
115	41.3	31.7	47.5

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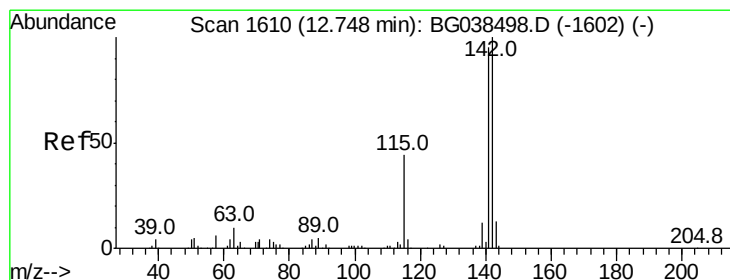
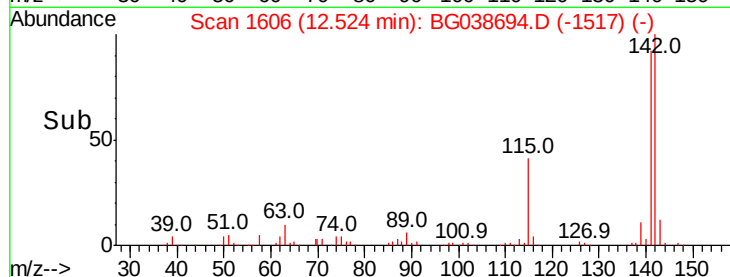
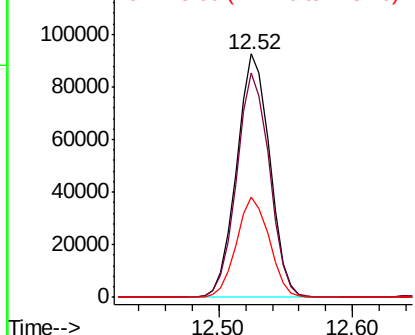


Abundance

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
1-Methylnaphthalene
Concen: 49.342 ng
RT: 12.75 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BG038694.D
Acq: 18 Dec 2018 14:42

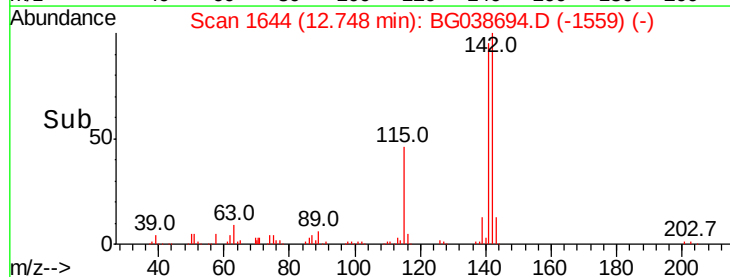
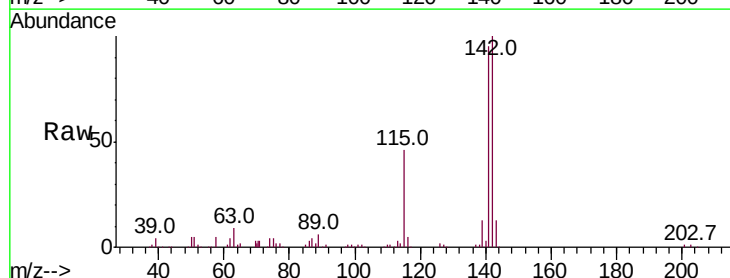
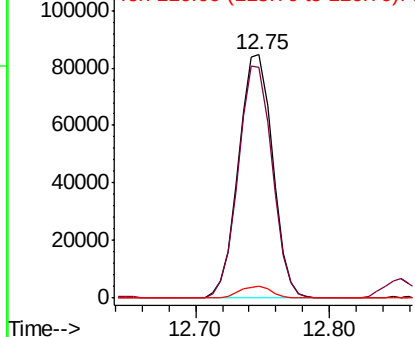
Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.6	75.8	113.8
116	4.8	3.6	5.4

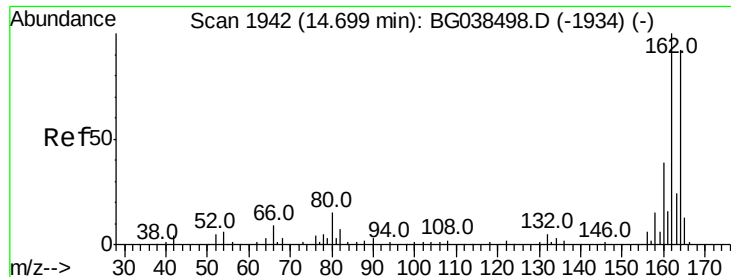
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





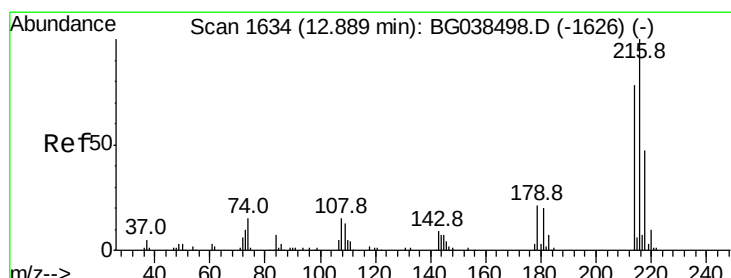
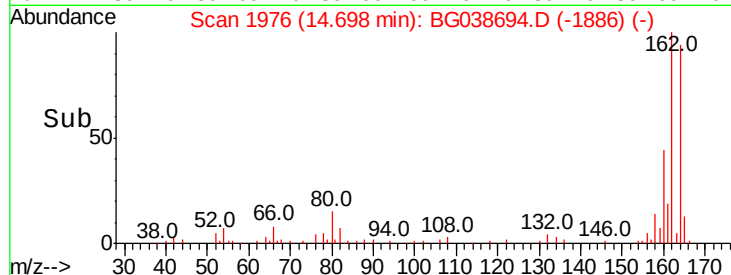
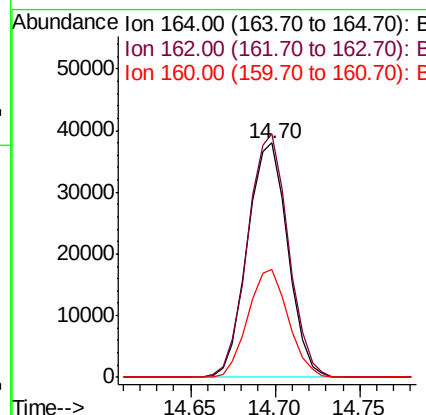
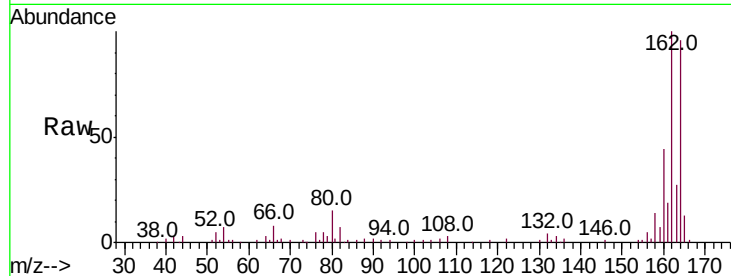
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG038694.D
Acq: 18 Dec 2018 14:42

Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.6	130.0
160	45.8	34.2	51.2

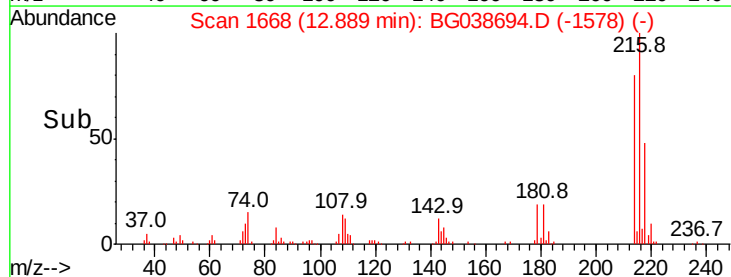
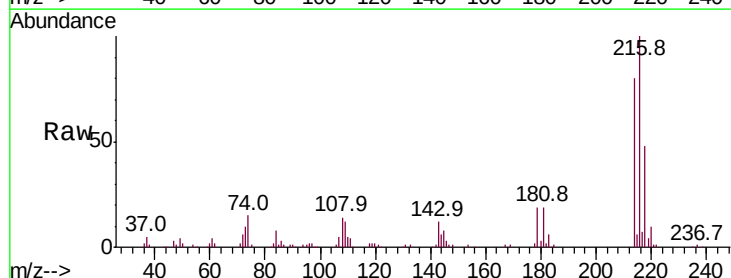
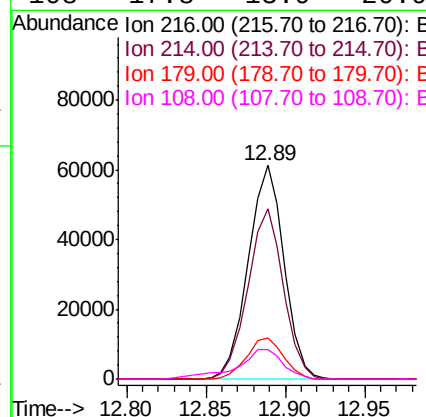
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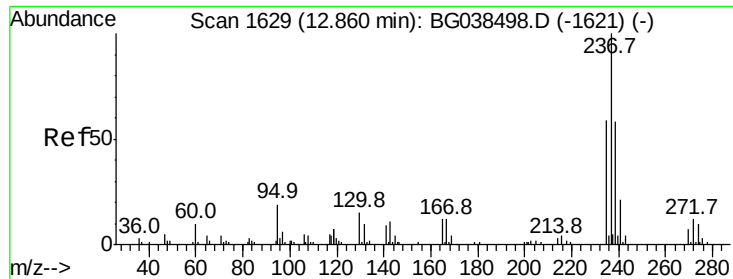
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.656 ng
RT: 12.89 min Scan# 1668
Delta R.T. -0.00 min
Lab File: BG038694.D
Acq: 18 Dec 2018 14:42

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	64.1	96.1
179	19.7	16.4	24.6
108	17.8	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 78.730 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG038694.D

Acq: 18 Dec 2018 14:42

Instrument :

BNA_G

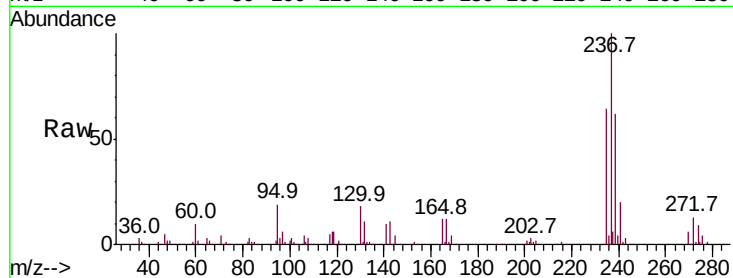
ClientSampleId :

PR-MW-04_121218MS

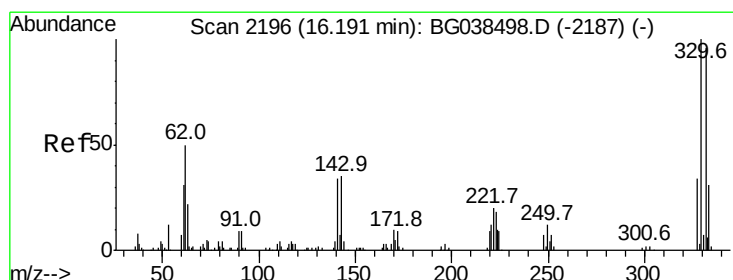
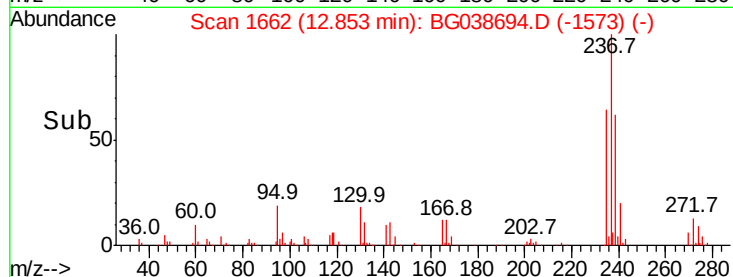
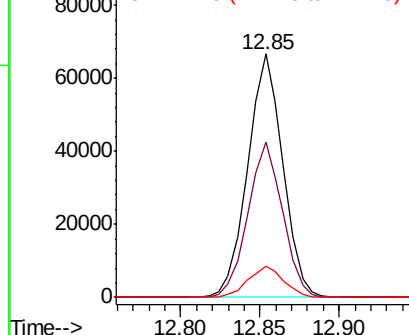
Tot Ion:	237	Resp:	102087
Ion Ratio	Lower	Upper	
237	100		
235	63.8	38.8	78.8
272	13.0	0.0	32.0

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



#42

2,4,6-Tribromophenol

Concen: 140.504 ng

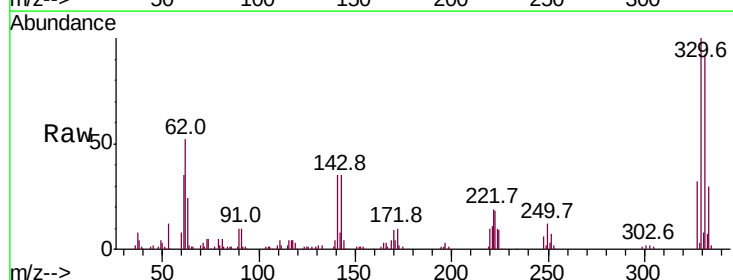
RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

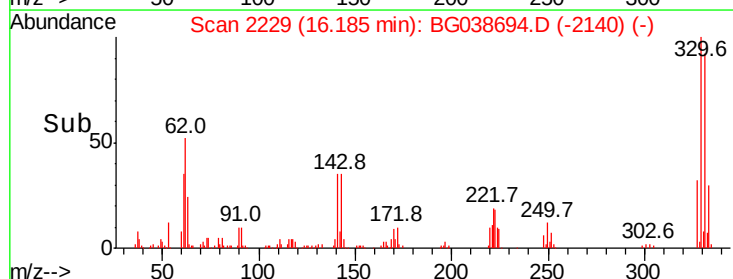
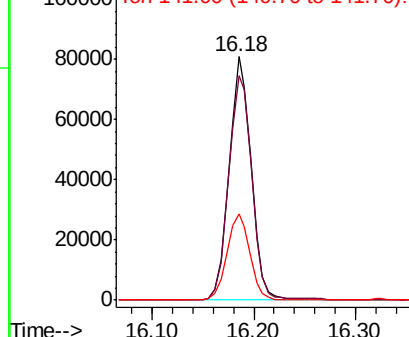
Lab File: BG038694.D

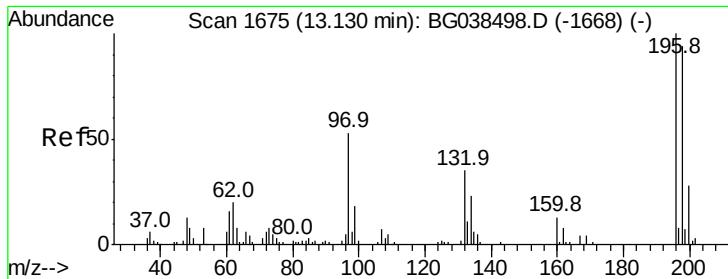
Acq: 18 Dec 2018 14:42

Tgt Ion:	330	Resp:	122266
Ion Ratio	Lower	Upper	
330	100		
332	95.8	76.9	115.3
141	36.6	28.8	43.2



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





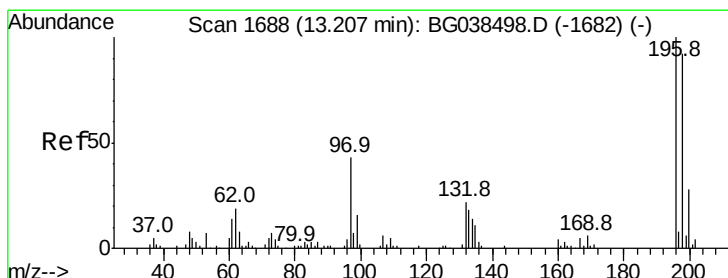
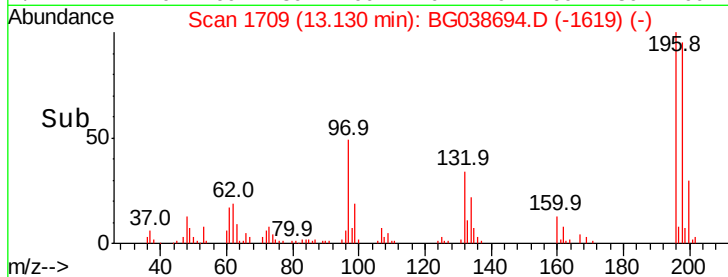
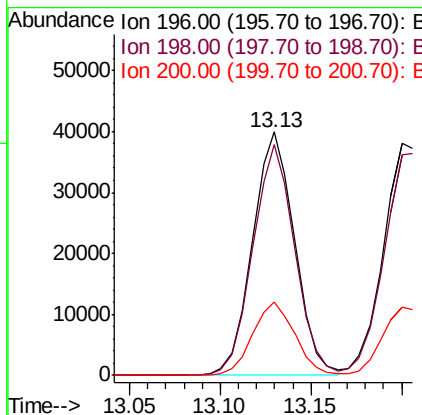
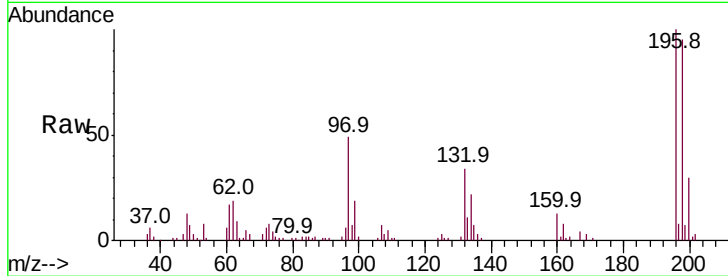
#43
 2,4,6-Trichlorophenol
 Concen: 44.172 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038694.D
 Acq: 18 Dec 2018 14:42

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-04_121218MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	64102		
198	95.0	75.0	112.4	
200	30.2	22.4	33.6	

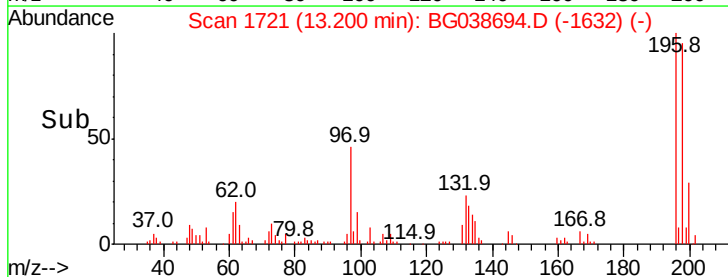
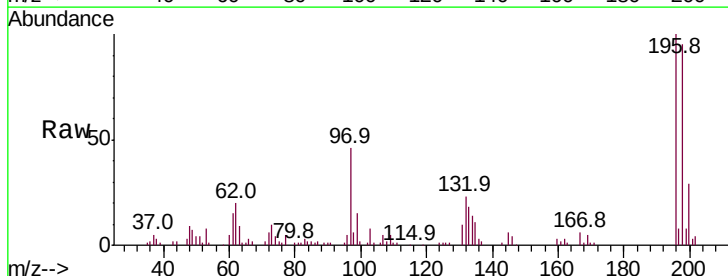
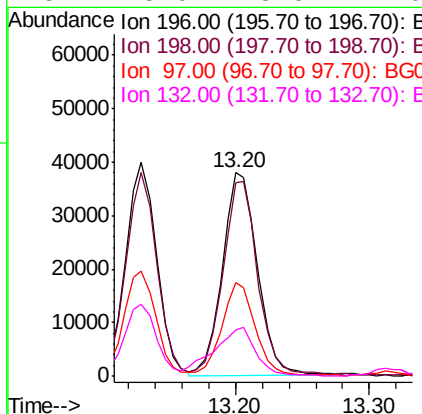
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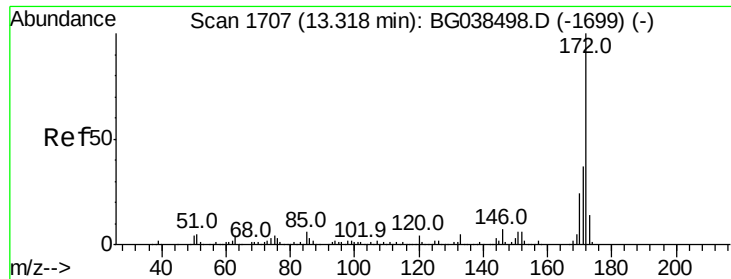
Sohil
 12/19/2018 4:12:20 PM



#44
 2,4,5-Trichlorophenol
 Concen: 44.959 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG038694.D
 Acq: 18 Dec 2018 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	69079		
198	95.2	74.0	111.0	
97	45.7	35.1	52.7	
132	23.0	18.0	27.0	





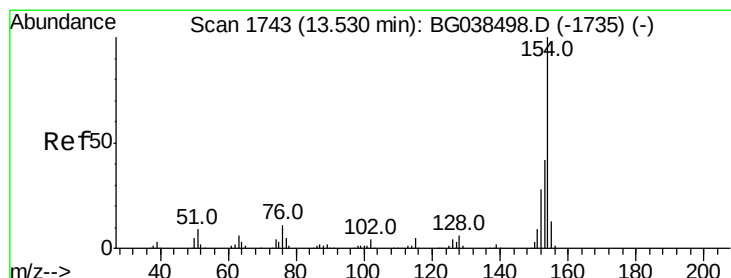
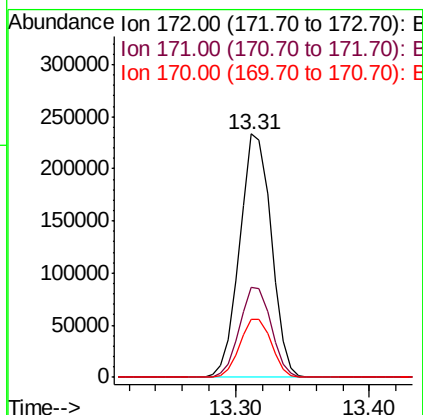
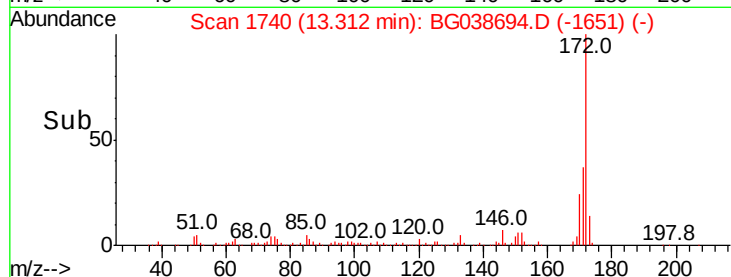
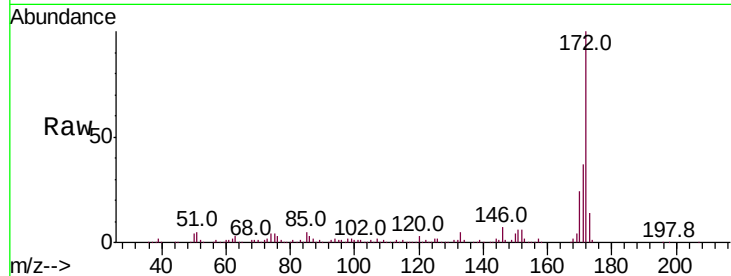
#45
2-Fluorobiphenyl
Concen: 82.855 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG038694.D
Acq: 18 Dec 2018 14:42

Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.8	44.6
170	24.1	19.5	29.3

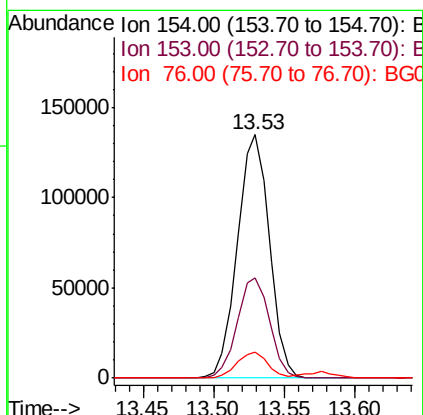
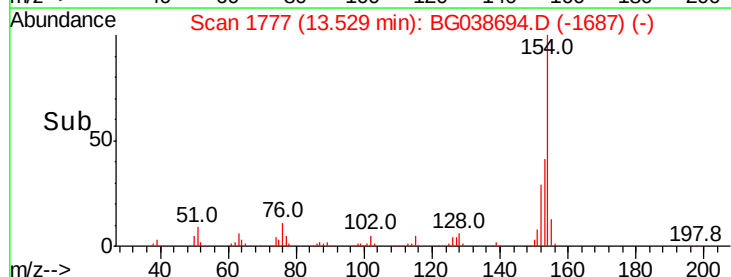
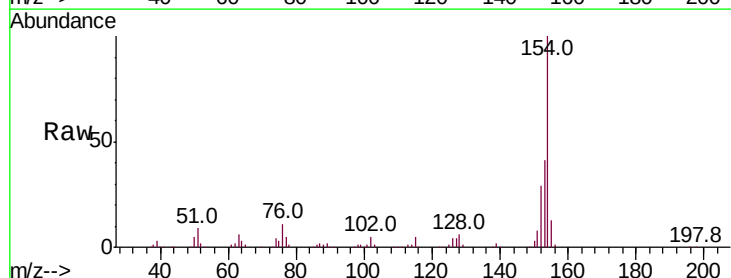
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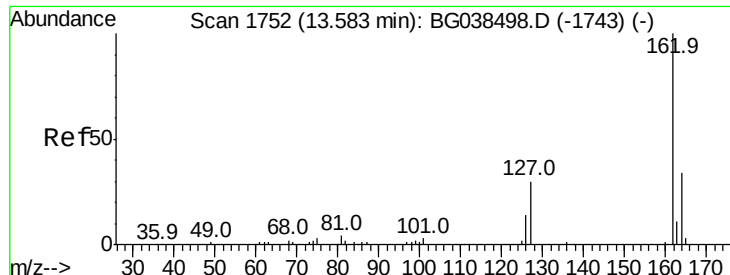
Sohil
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#46
1,1'-Biphenyl
Concen: 40.335 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG038694.D
Acq: 18 Dec 2018 14:42

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	22.1	62.1
76	10.7	0.0	31.2





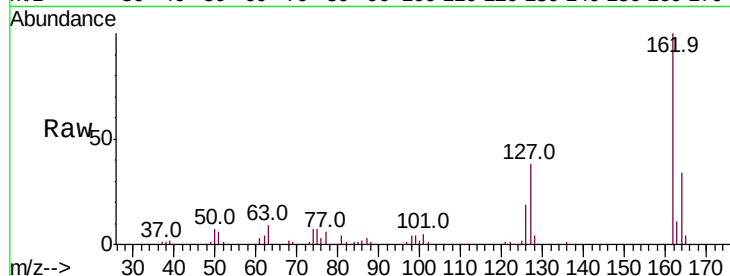
#47
 2-Chloronaphthalene
 Concen: 42.433 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG038694.D
 Acq: 18 Dec 2018 14:42

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-04_121218MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	173498		
127	38.4		27.8	41.8
164	33.6		26.9	40.3

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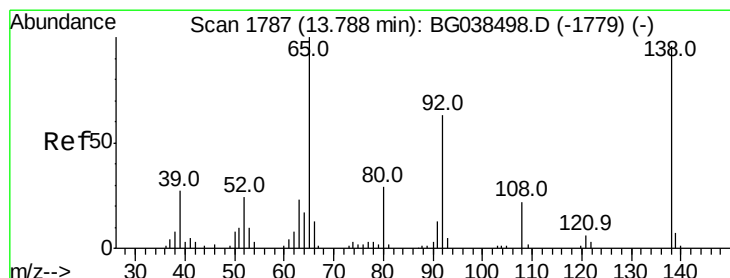
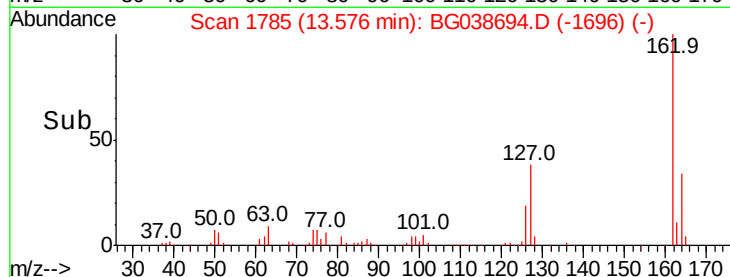
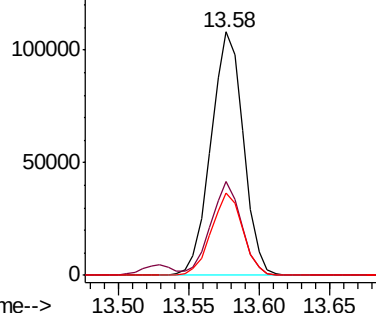


Abundance

Ion 162.00 (161.70 to 162.70): E

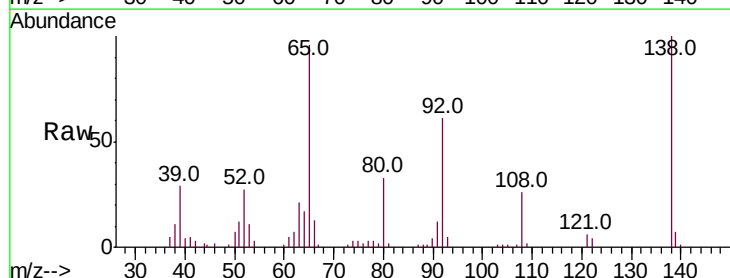
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 45.211 ng
 RT: 13.79 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BG038694.D
 Acq: 18 Dec 2018 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	58881		
92	63.4		50.0	75.0
138	103.8		76.9	115.3

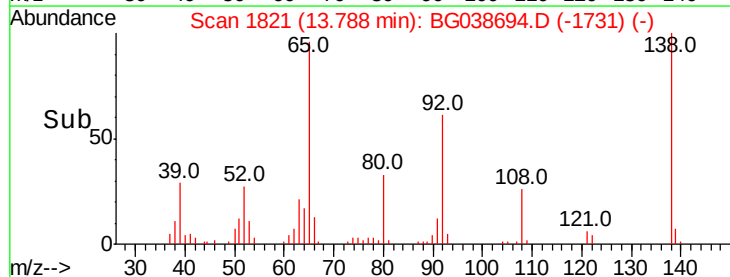
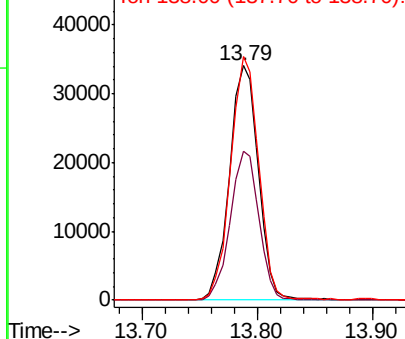


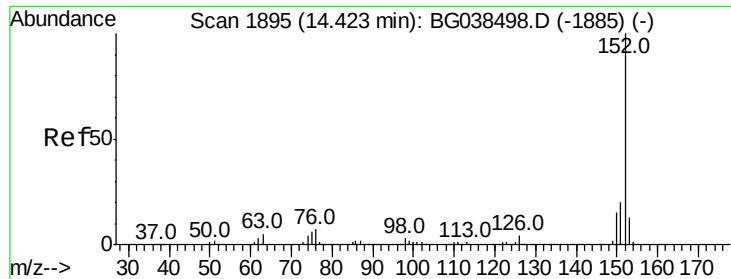
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 46.924 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038694.D

Acq: 18 Dec 2018 14:42

Instrument :

BNA_G

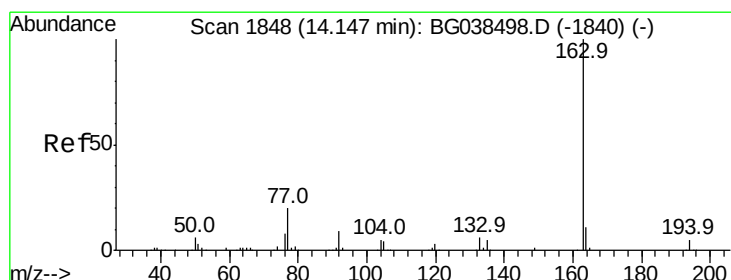
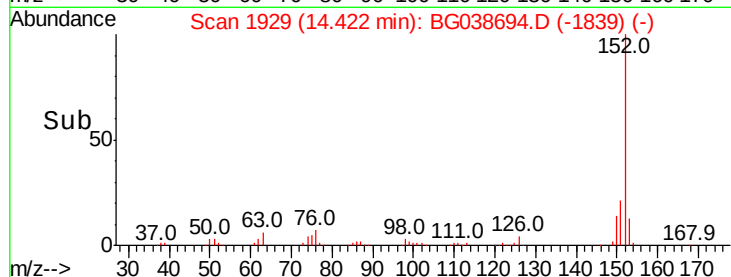
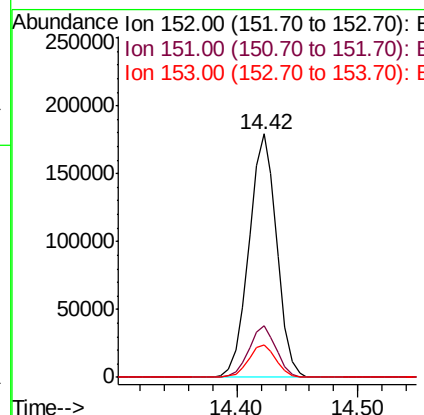
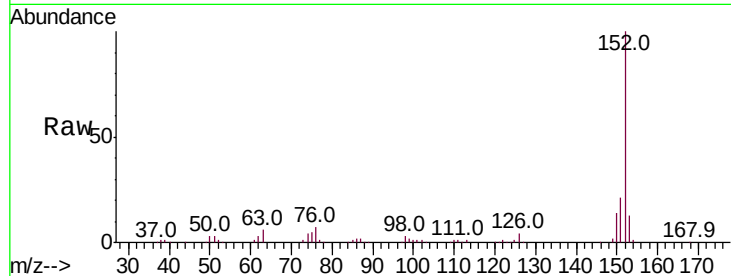
ClientSampleId :

PR-MW-04_121218MS

Tot Ion:	152	Resp:	286826
Ion Ratio	Lower	Upper	
152	100		
151	21.2	16.4	24.6
153	13.4	10.4	15.6

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#50

Dimethylphthalate

Concen: 44.810 ng

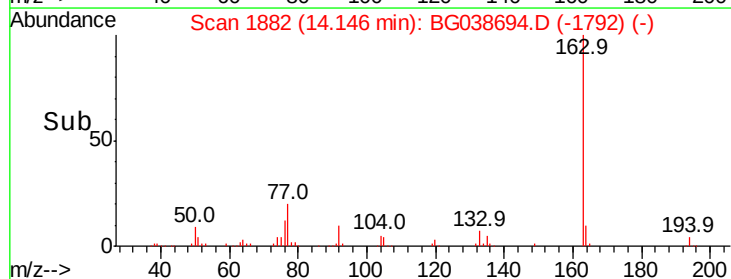
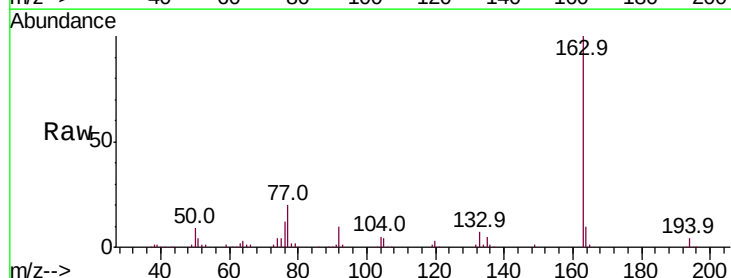
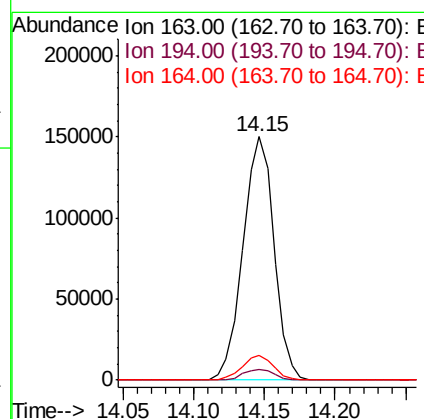
RT: 14.15 min Scan# 1882

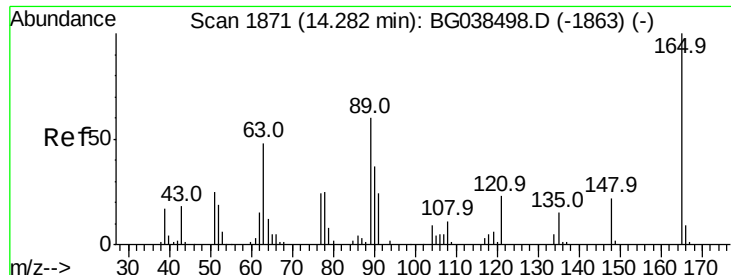
Delta R.T. -0.00 min

Lab File: BG038694.D

Acq: 18 Dec 2018 14:42

Tgt Ion:	163	Resp:	231054
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.7	5.5
164	10.4	8.6	12.8





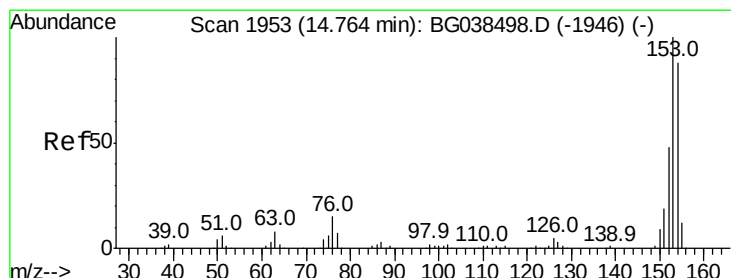
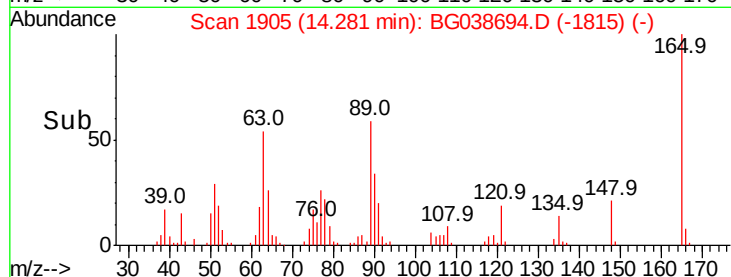
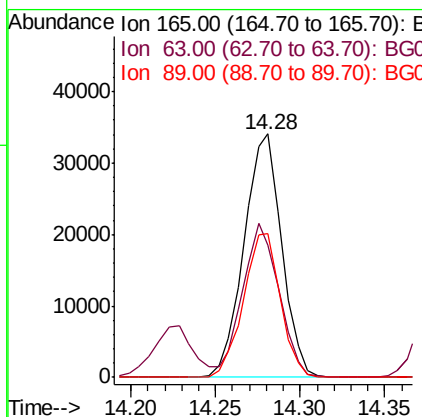
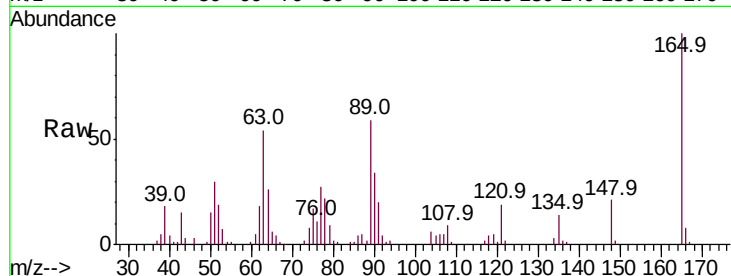
#51
2,6-Dinitrotoluene
Concen: 45.257 ng
RT: 14.28 min Scan# 1905
Delta R.T. -0.00 min
Lab File: BG038694.D
Acq: 18 Dec 2018 14:42

Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MS

Tot Ion:	165	Resp:	52883
Ion Ratio	Lower	Upper	
165	100		
63	54.4	51.8	77.6
89	58.9	47.9	71.9

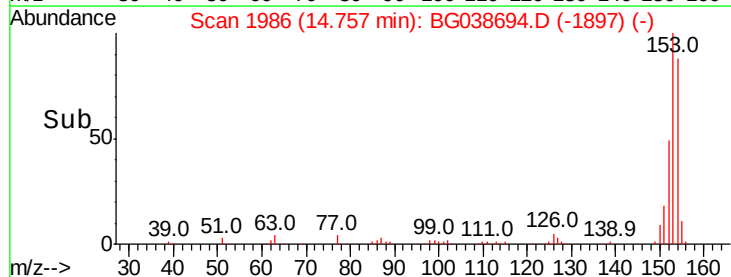
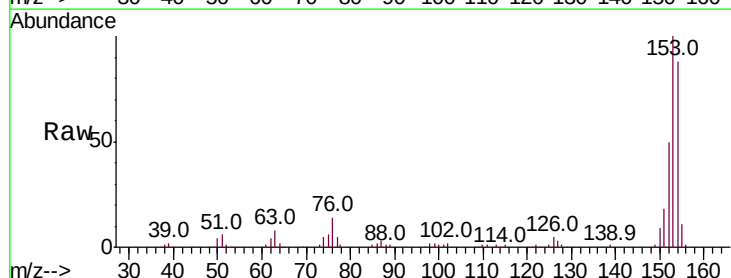
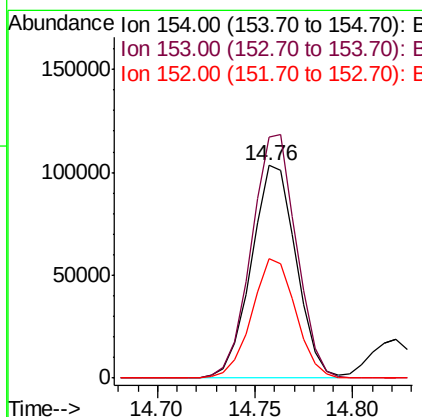
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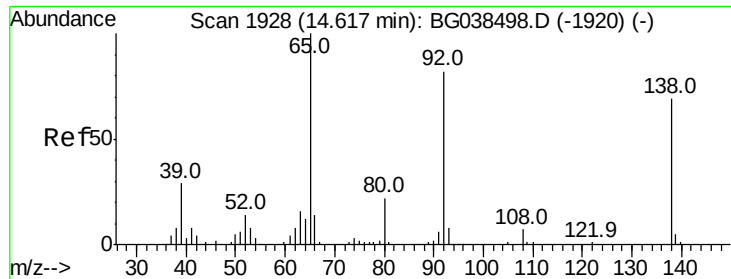
Sohil
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#52
Acenaphthene
Concen: 44.936 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BG038694.D
Acq: 18 Dec 2018 14:42

Tgt Ion:	154	Resp:	164245
Ion Ratio	Lower	Upper	
154	100		
153	113.5	90.6	136.0
152	56.2	43.5	65.3





#53

3-Nitroaniline

Concen: 22.845 ng

RT: 14.62 min Scan# 1962

Delta R.T. -0.00 min

Lab File: BG038694.D

Acq: 18 Dec 2018 14:42

Instrument :

BNA_G

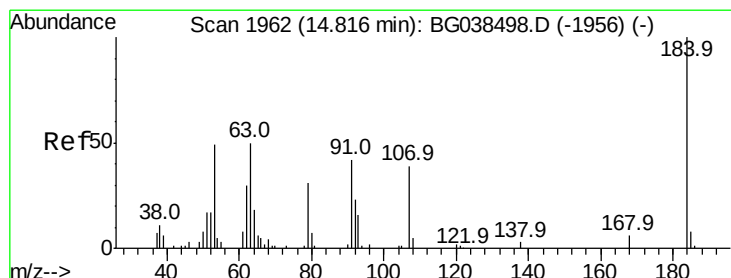
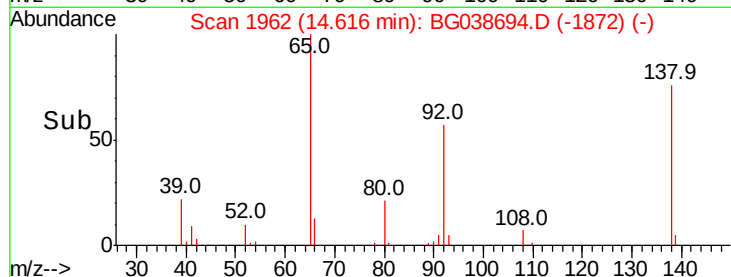
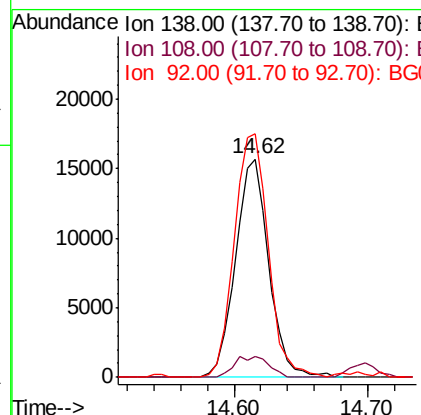
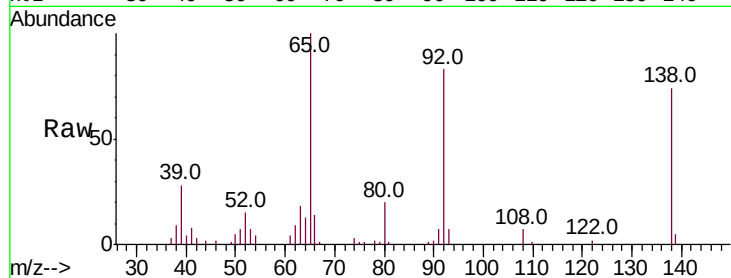
ClientSampleId :

PR-MW-04_121218MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	7.9	11.9
92	111.5	95.3	142.9

Manual Integrations
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#54

2,4-Dinitrophenol

Concen: 71.439 ng

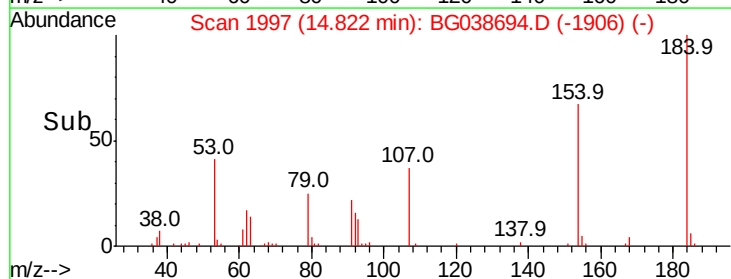
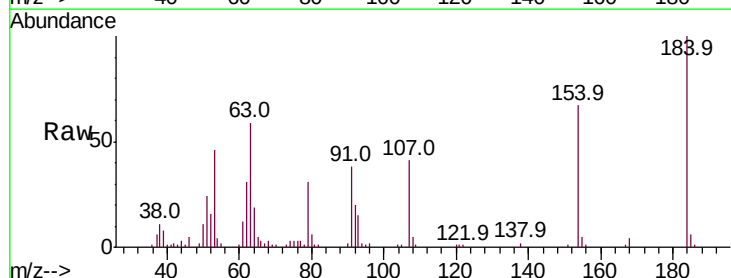
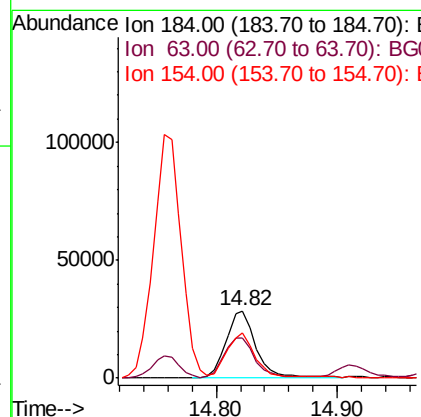
RT: 14.82 min Scan# 1997

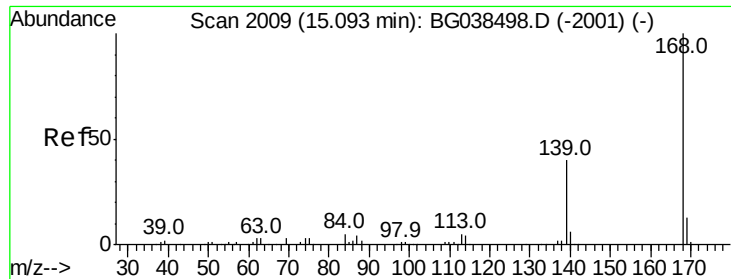
Delta R.T. 0.01 min

Lab File: BG038694.D

Acq: 18 Dec 2018 14:42

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.4	47.0	70.6
154	66.6	50.3	75.5





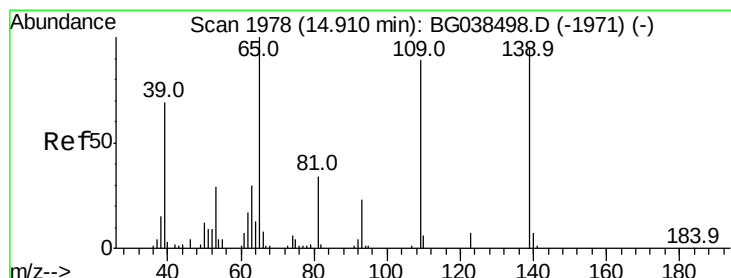
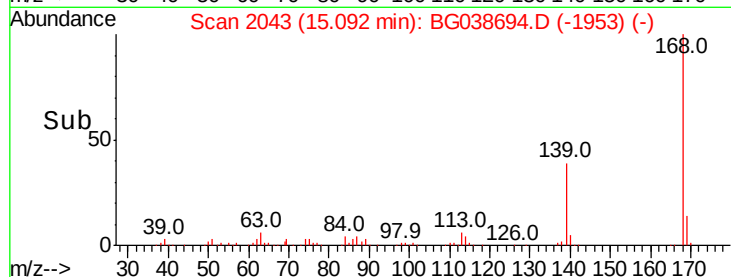
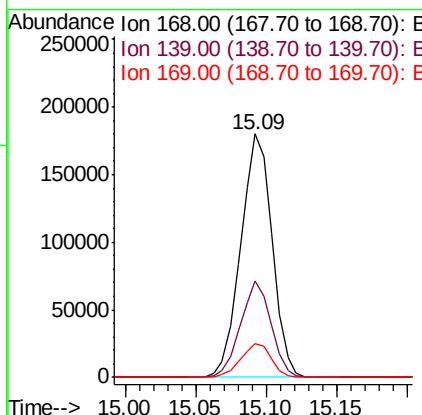
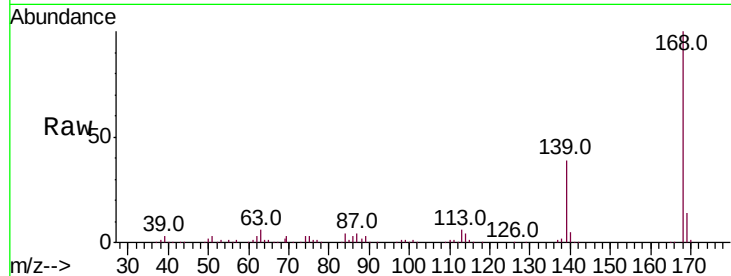
#55
Dibenzenofuran
Concen: 44.617 ng
RT: 15.09 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG038694.D
Acq: 18 Dec 2018 14:42

Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.5	32.2	48.2
169	13.6	10.6	16.0

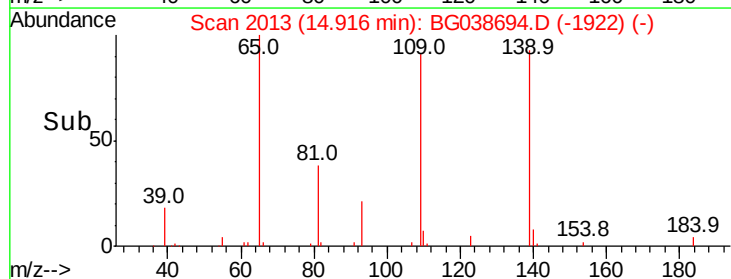
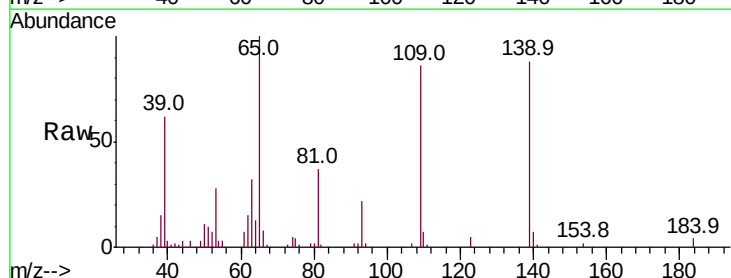
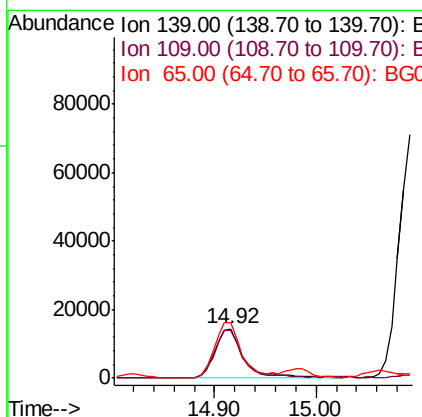
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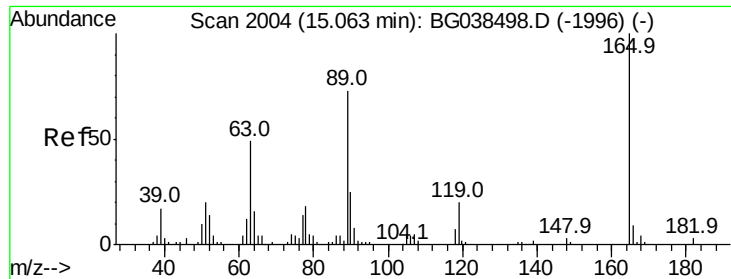
Sohil
12/19/2018 4:12:20 PM



#56
4-Nitrophenol
Concen: 31.132 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BG038694.D
Acq: 18 Dec 2018 14:42

Tgt Ion	Ratio	Lower	Upper
139	100		
109	98.2	73.6	113.6
65	114.1	84.8	124.8





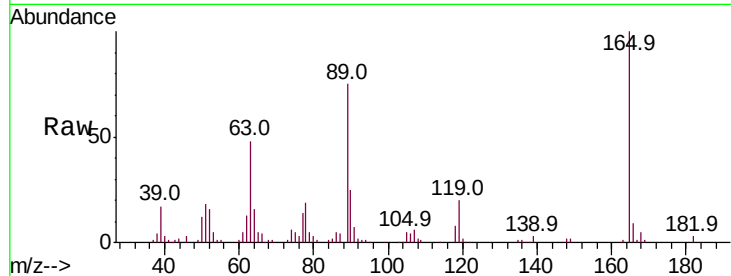
#57
2,4-Dinitrotoluene
Concen: 45.052 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG038694.D
Acq: 18 Dec 2018 14:42

Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.5	39.0	58.4
89	75.4	58.0	87.0
182	2.7	2.3	3.5

Manual Integrations
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12/19/2018 4:12:20 PM



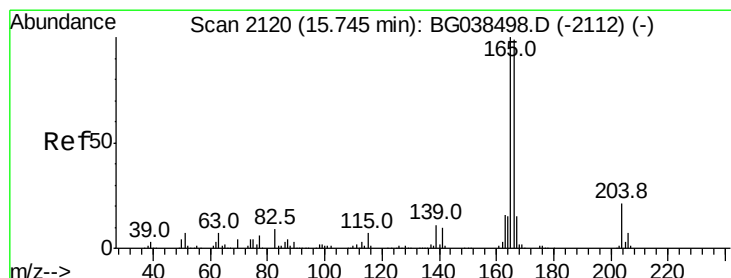
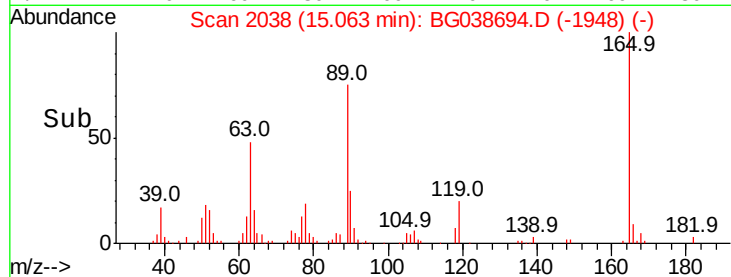
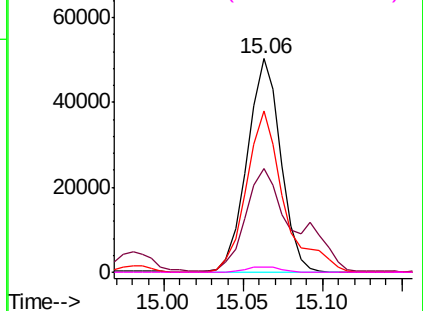
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 49.004 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG038694.D
Acq: 18 Dec 2018 14:42

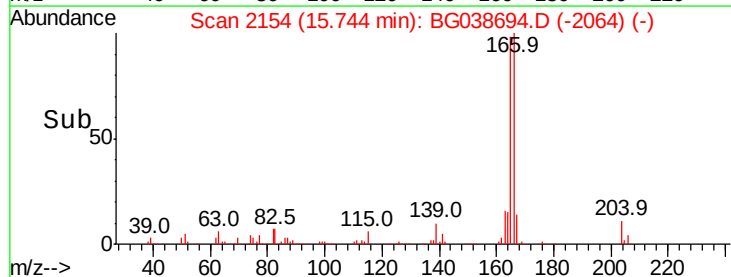
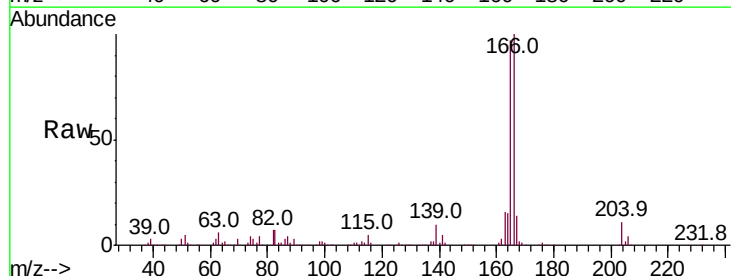
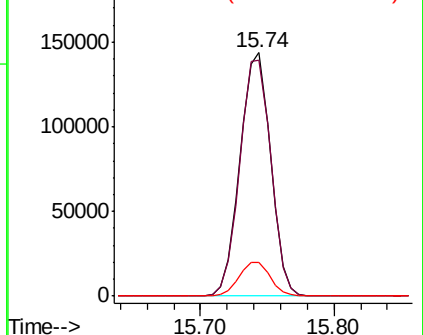
Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.1	80.6	120.8
167	13.9	12.0	18.0

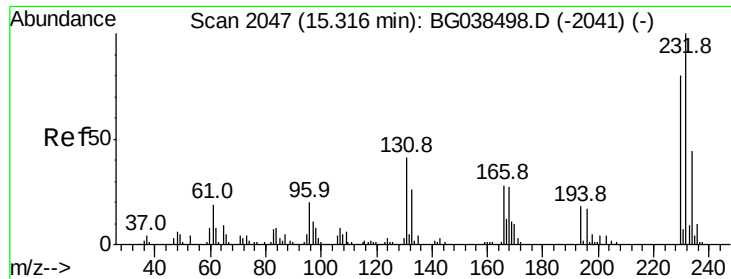
Abundance

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





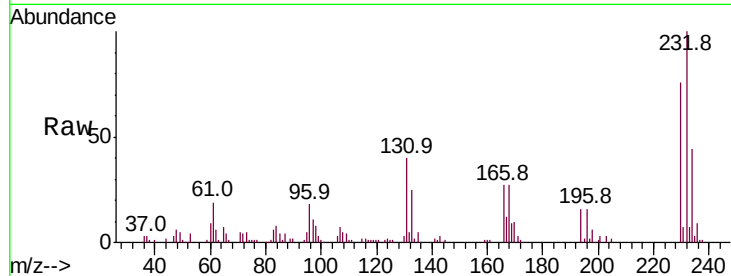
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.529 ng
RT: 15.32 min Scan# 2081
Delta R.T. -0.00 min
Lab File: BG038694.D
Acq: 18 Dec 2018 14:42

Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MS

Tot Ion:	232	Resp:	65702
Ion Ratio	Lower	Upper	
232	100		
131	41.3	33.0	49.4
130	2.4	2.0	3.0
166	28.4	23.1	34.7

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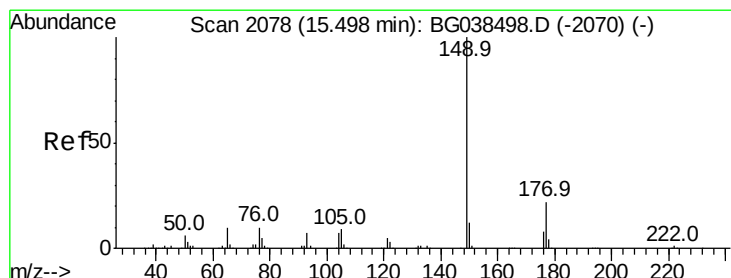
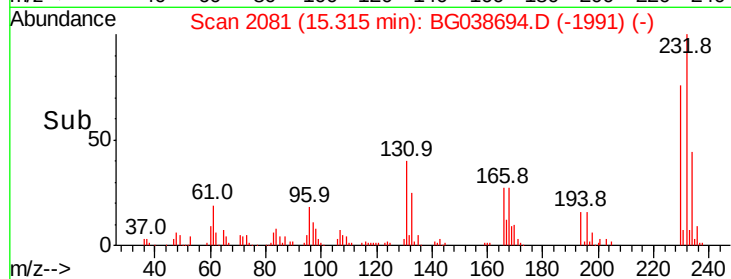
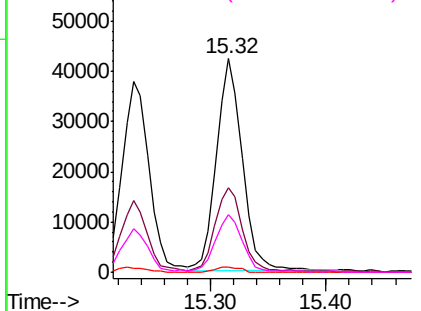
Abundance

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



#60
Diethylphthalate
Concen: 42.579 ng
RT: 15.50 min Scan# 2112
Delta R.T. -0.00 min
Lab File: BG038694.D
Acq: 18 Dec 2018 14:42

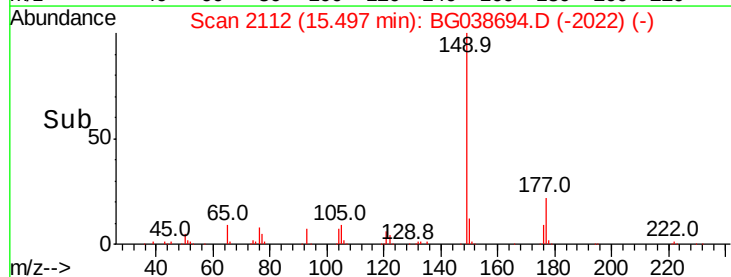
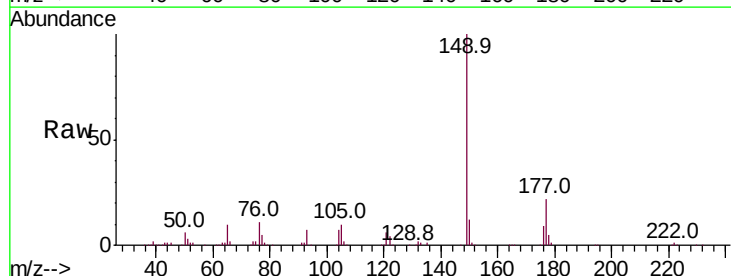
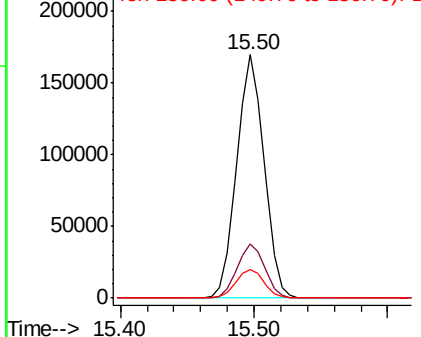
Tgt Ion:	149	Resp:	241018
Ion Ratio	Lower	Upper	
149	100		
177	22.1	17.7	26.5
150	11.8	9.9	14.9

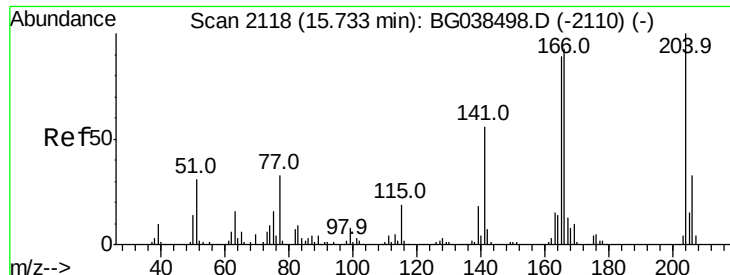
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





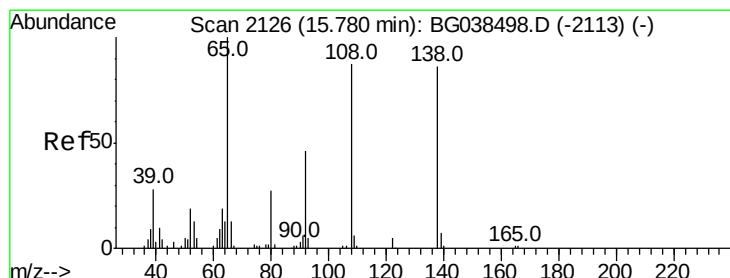
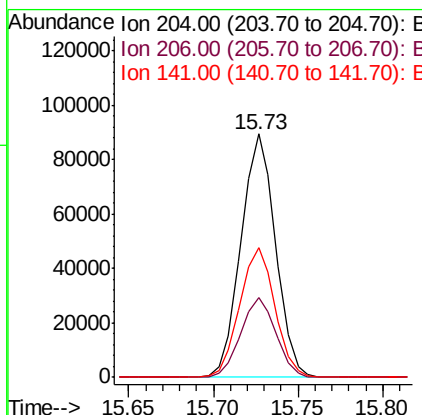
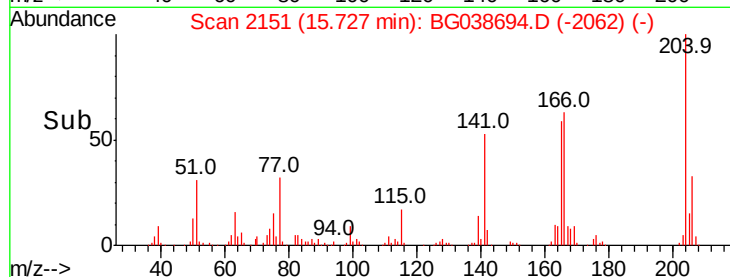
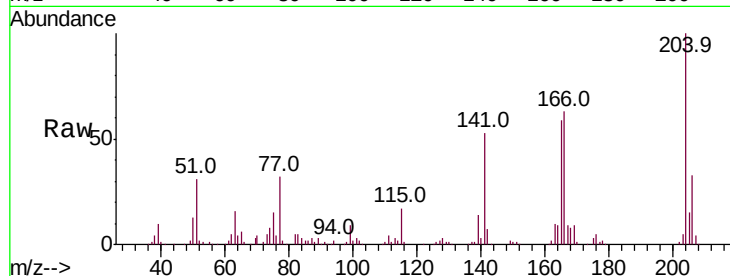
#61
 4-Chlorophenyl-phenylether
 Concen: 44.068 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG038694.D
 Acq: 18 Dec 2018 14:42

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-04_121218MS

Tot Ion:	204	Resp:	127632
Ion Ratio	Lower	Upper	
204	100		
206	32.7	26.0	39.0
141	53.5	44.4	66.6

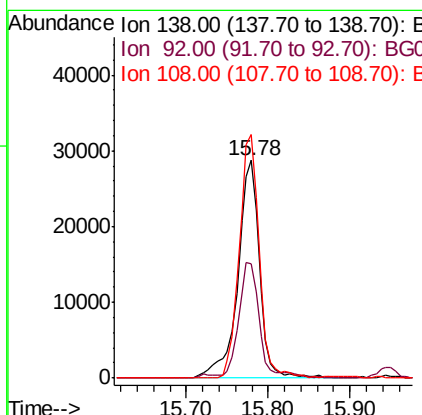
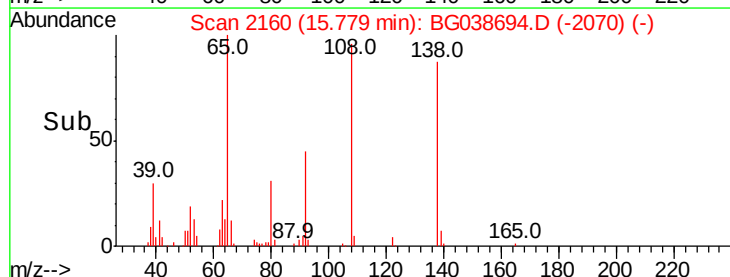
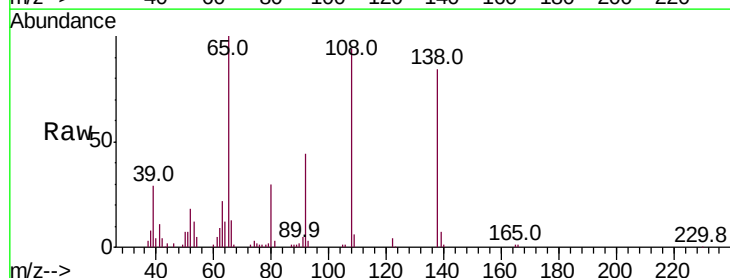
Manual Integrations
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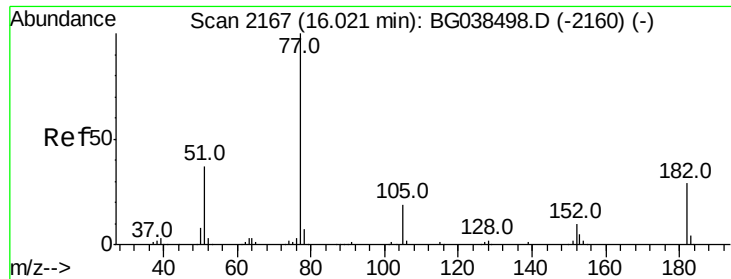
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#62
 4-Nitroaniline
 Concen: 43.306 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BG038694.D
 Acq: 18 Dec 2018 14:42

Tgt Ion:	138	Resp:	53106
Ion Ratio	Lower	Upper	
138	100		
92	52.3	33.3	73.3
108	111.8	81.4	121.4





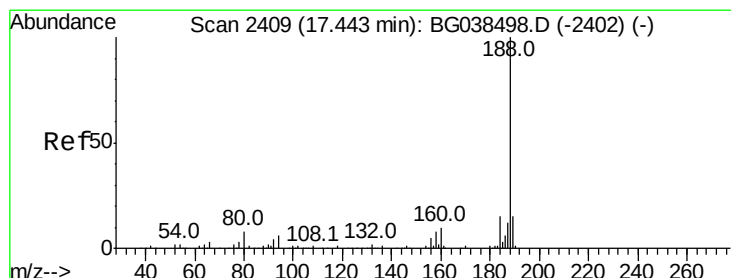
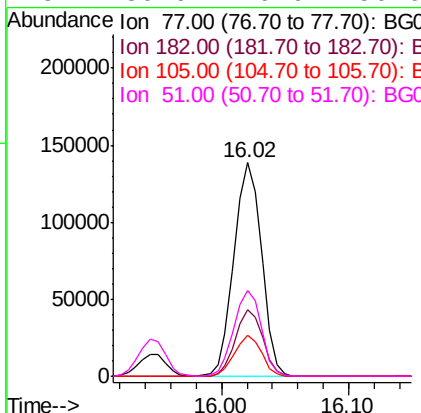
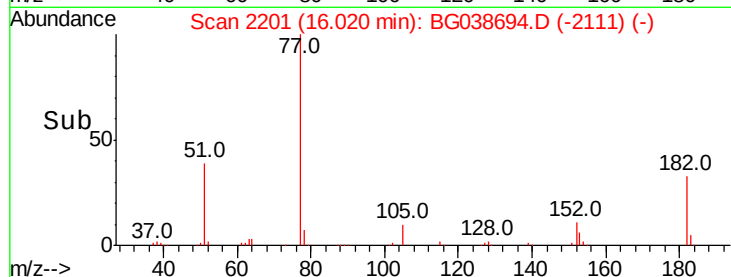
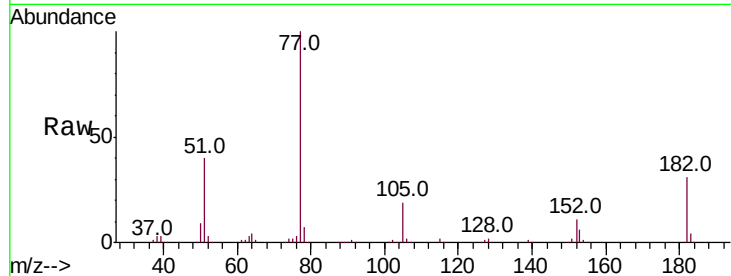
#63
Azobenzene
Concen: 44.229 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG038694.D
Acq: 18 Dec 2018 14:42

Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	30.9	8.7	48.7
105	19.2	0.0	38.7
51	39.9	16.6	56.6

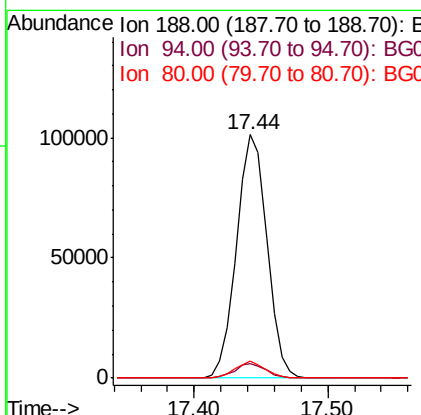
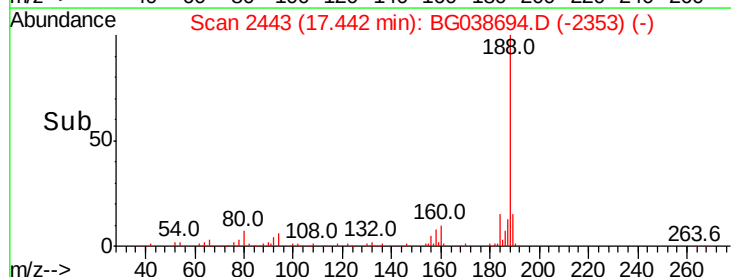
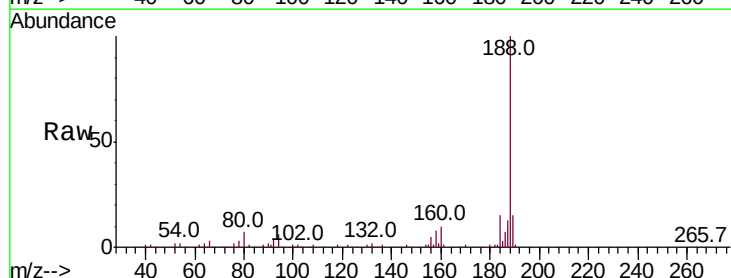
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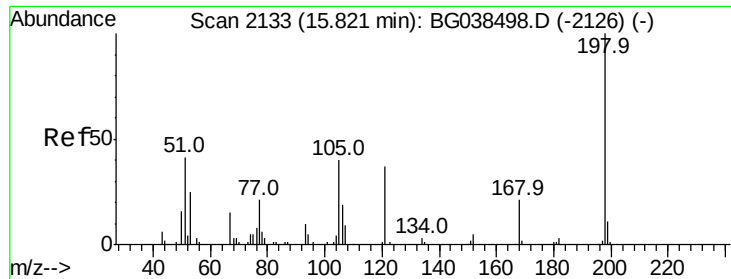
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038694.D
Acq: 18 Dec 2018 14:42

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.0	5.1	7.7
80	6.8	6.1	9.1





#65

4,6-Dinitro-2-methylphenol

Concen: 39.809 ng

RT: 15.82 min Scan# 2167

Delta R.T. -0.00 min

Lab File: BG038694.D

Acq: 18 Dec 2018 14:42

Instrument :

BNA_G

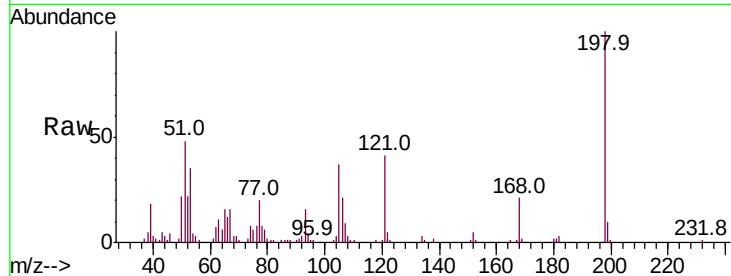
ClientSampleId :

PR-MW-04_121218MS

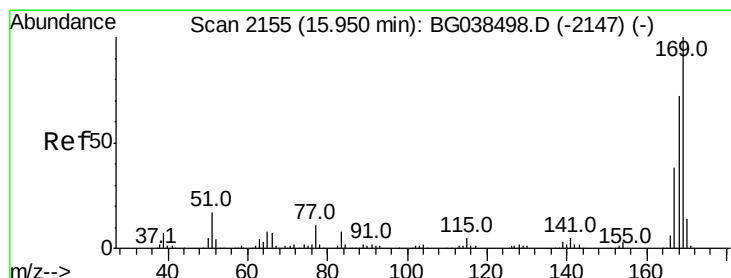
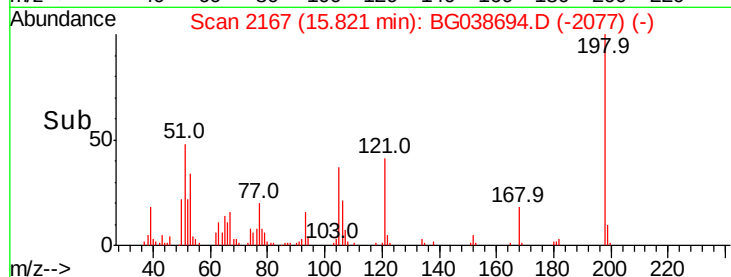
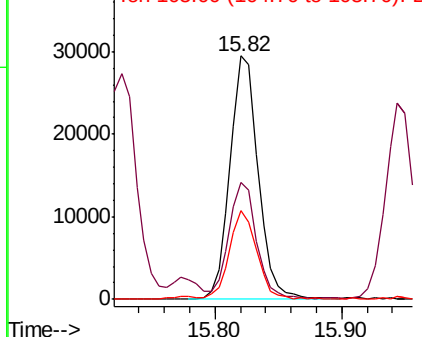
Tot Ion:	198	Resp:	45374
Ion Ratio	Lower	Upper	
198	100		
51	48.1	28.6	68.6
105	36.7	20.4	60.4

Manual Integrations
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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.942 ng

RT: 15.94 min Scan# 2188

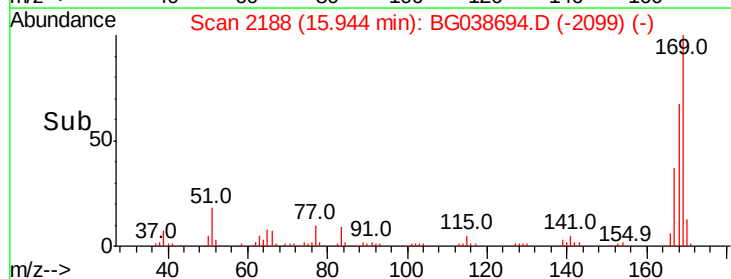
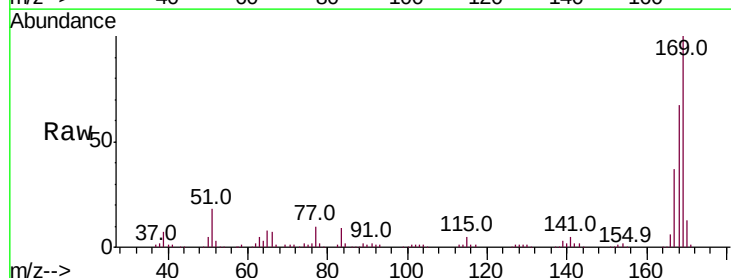
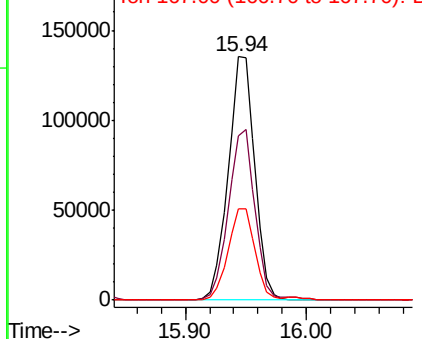
Delta R.T. -0.01 min

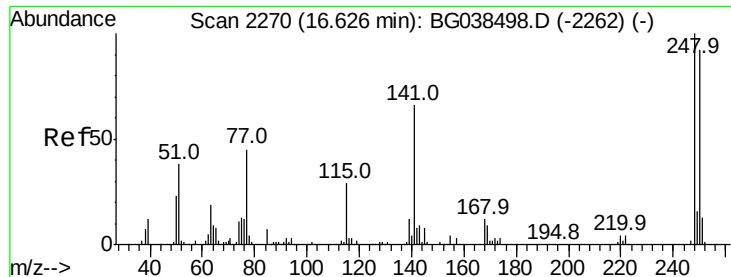
Lab File: BG038694.D

Acq: 18 Dec 2018 14:42

Tgt Ion:	169	Resp:	206297
Ion Ratio	Lower	Upper	
169	100		
168	67.2	57.5	86.3
167	37.5	30.2	45.2

Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





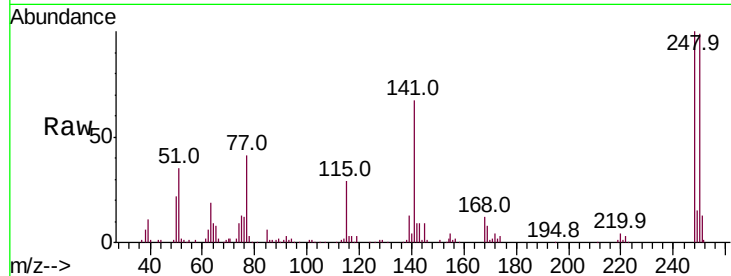
#67
 4-Bromophenyl-phenylether
 Concen: 43.342 ng
 RT: 16.63 min Scan# 2304
 Delta R.T. -0.00 min
 Lab File: BG038694.D
 Acq: 18 Dec 2018 14:42

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-04_121218MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.4	73.4	110.2
141	67.1	52.9	79.3

Manual Integrations
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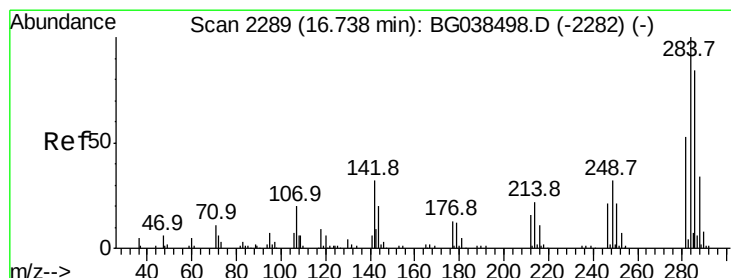
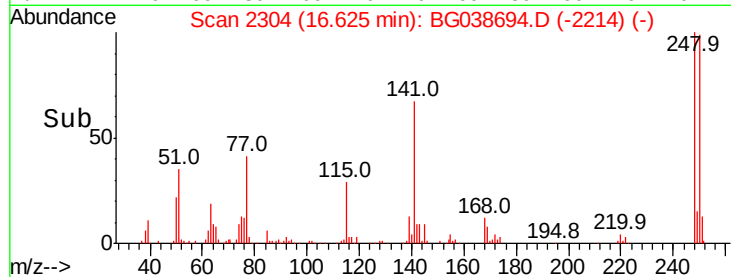
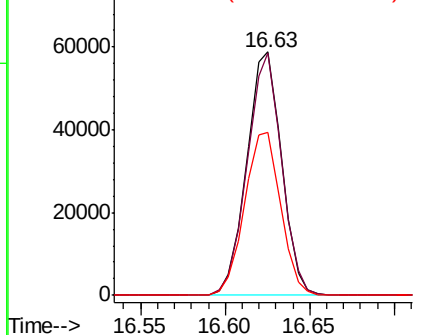


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 44.614 ng
 RT: 16.74 min Scan# 2323
 Delta R.T. -0.00 min
 Lab File: BG038694.D
 Acq: 18 Dec 2018 14:42

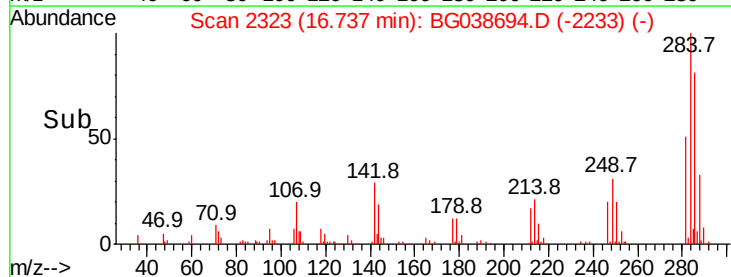
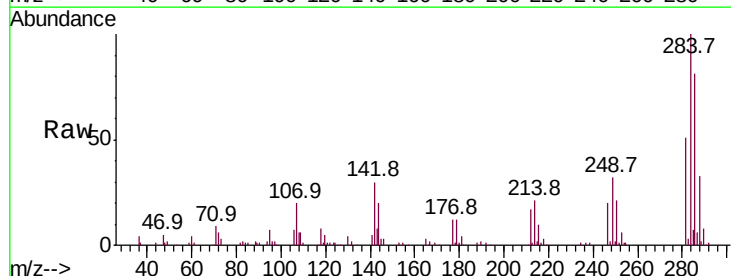
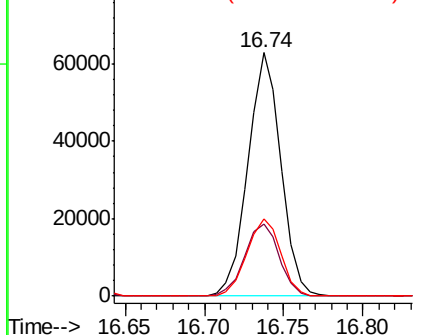
Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.8	25.8	38.6
249	33.9	27.0	40.4

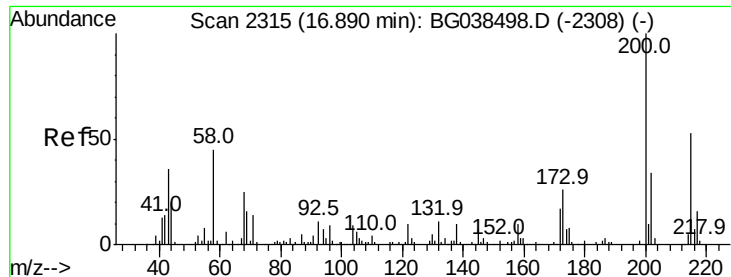
Abundance

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





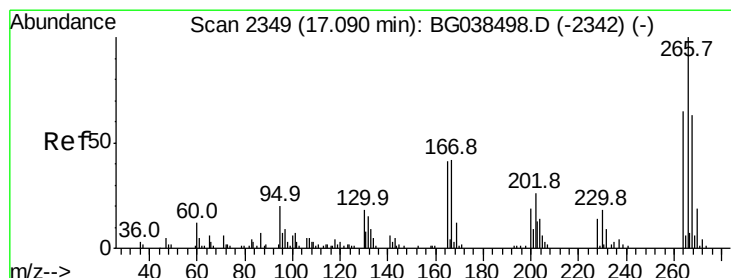
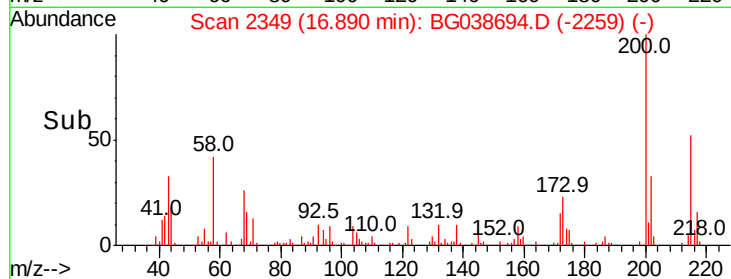
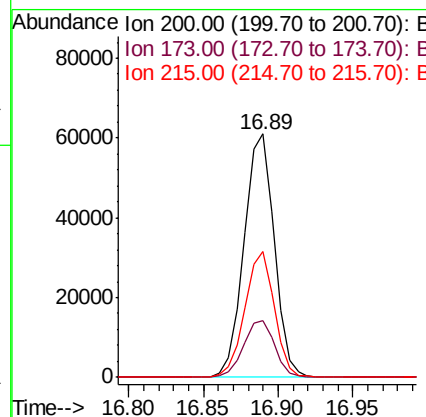
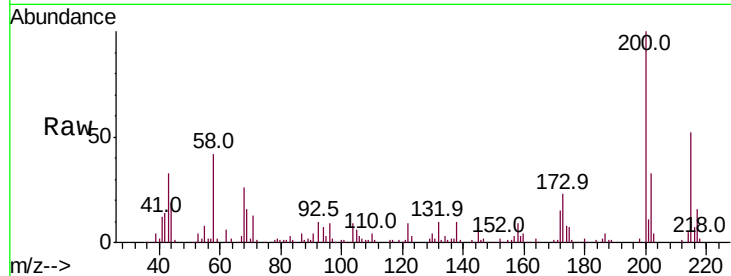
#69
 Atrazine
 Concen: 49.034 ng
 RT: 16.89 min Scan# 2349
 Delta R.T. -0.00 min
 Lab File: BG038694.D
 Acq: 18 Dec 2018 14:42

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-04_121218MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.4	5.9	45.9
215	51.8	33.1	73.1

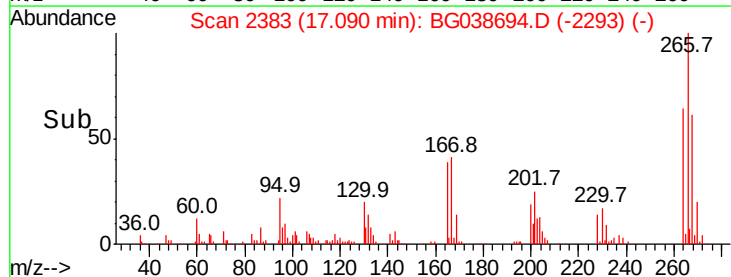
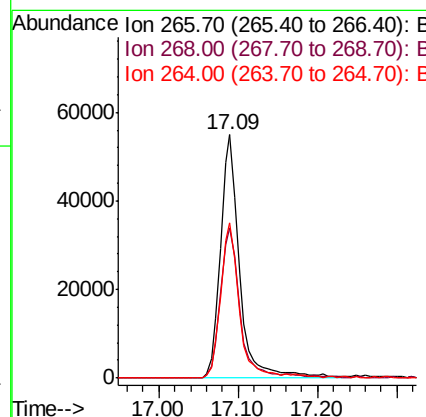
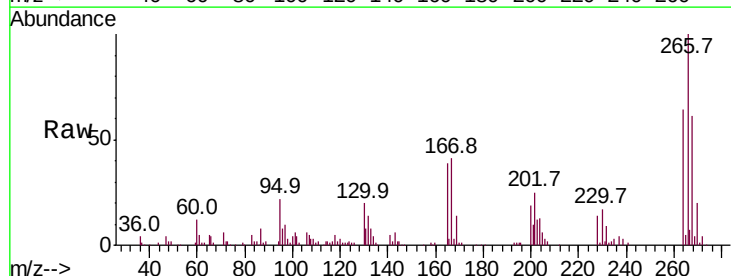
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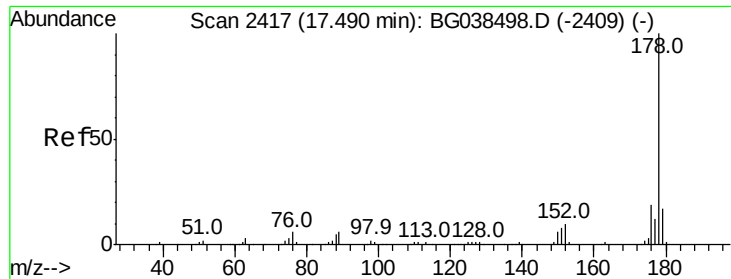
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#70
 Pentachlorophenol
 Concen: 76.862 ng
 RT: 17.09 min Scan# 2383
 Delta R.T. -0.00 min
 Lab File: BG038694.D
 Acq: 18 Dec 2018 14:42

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.8	55.0	82.6
264	68.4	56.7	85.1





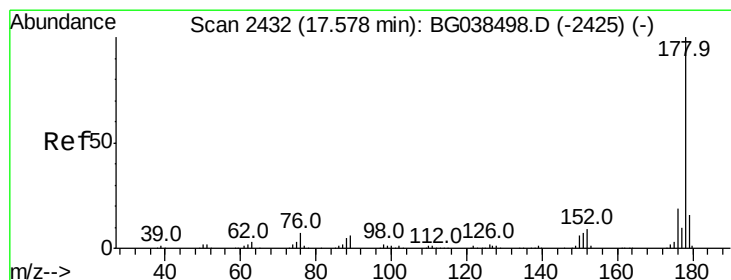
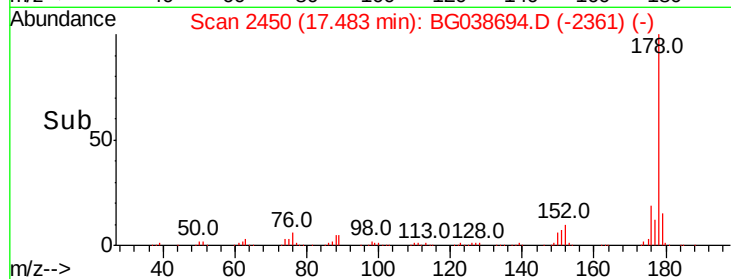
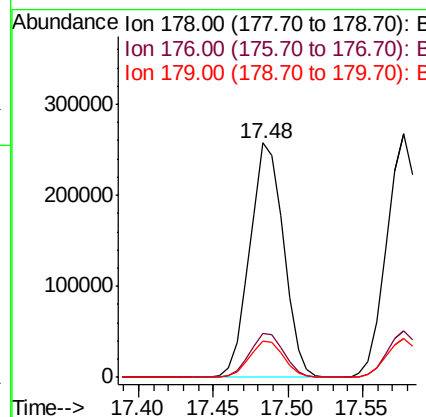
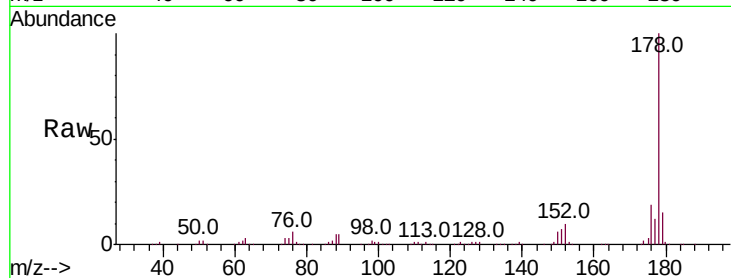
#71
 Phenanthrene
 Concen: 48.433 ng
 RT: 17.48 min Scan# 2450
 Delta R.T. -0.01 min
 Lab File: BG038694.D
 Acq: 18 Dec 2018 14:42

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-04_121218MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.1	22.7
179	15.4	13.2	19.8

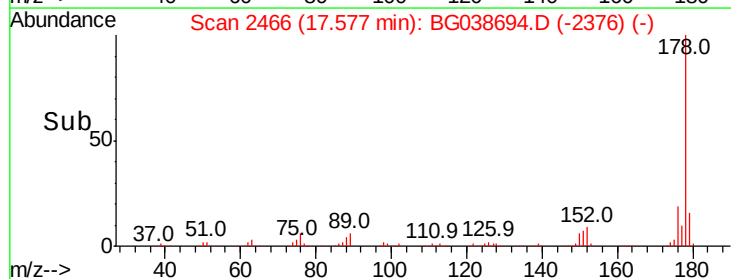
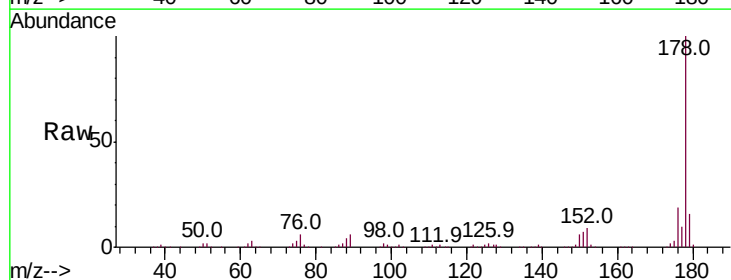
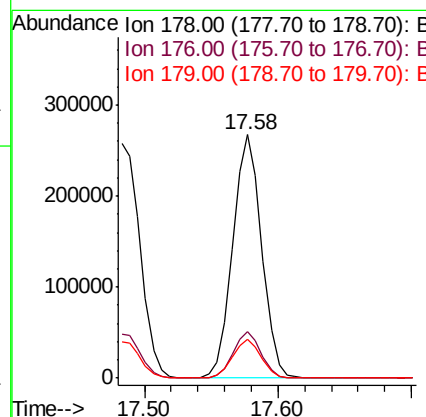
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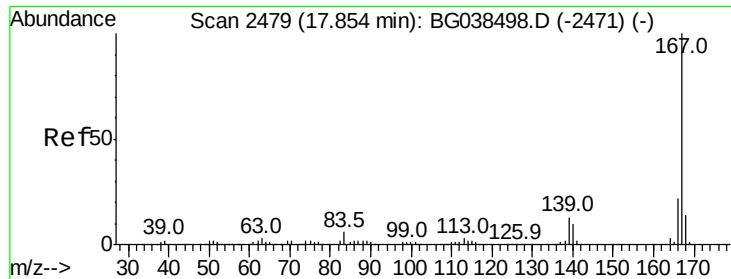
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#72
 Anthracene
 Concen: 49.194 ng
 RT: 17.58 min Scan# 2466
 Delta R.T. -0.00 min
 Lab File: BG038694.D
 Acq: 18 Dec 2018 14:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	16.2	12.9	19.3





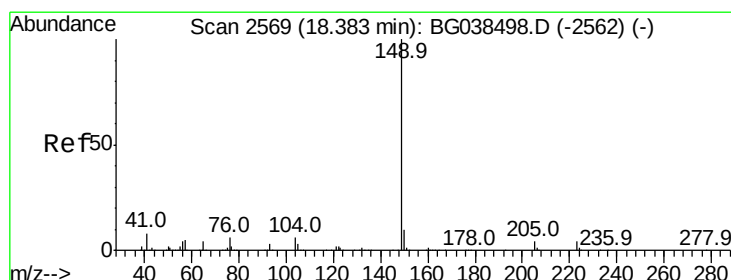
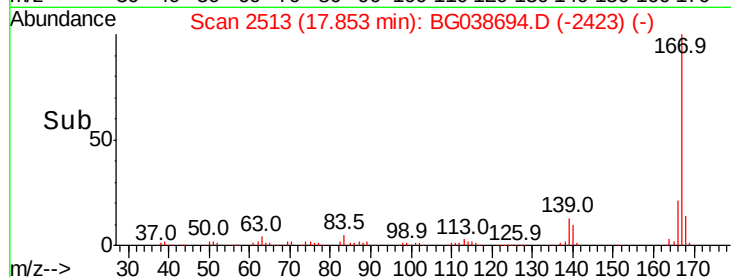
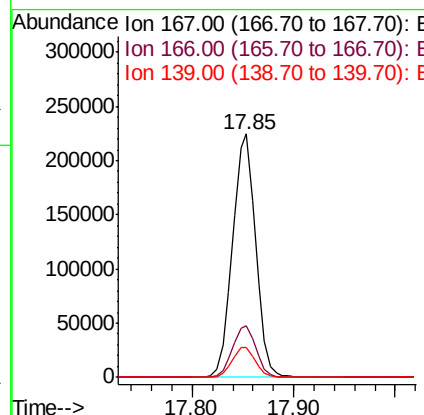
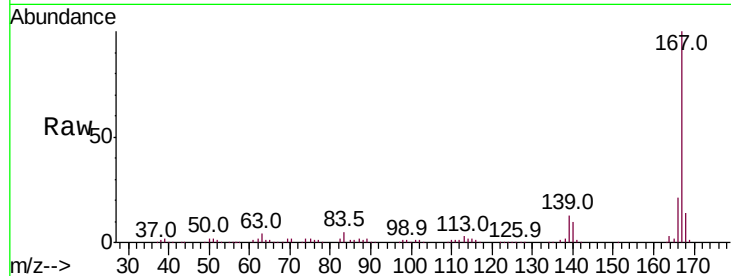
#73
 Carbazole
 Concen: 43.871 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG038694.D
 Acq: 18 Dec 2018 14:42

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-04_121218MS

Tot Ion:	167	Resp:	354900
Ion Ratio	Lower	Upper	
167	100		
166	21.3	17.9	26.9
139	12.5	10.2	15.2

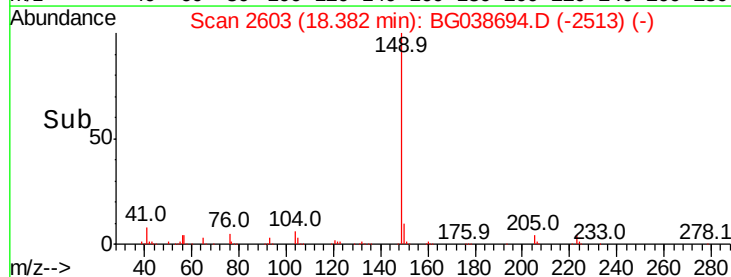
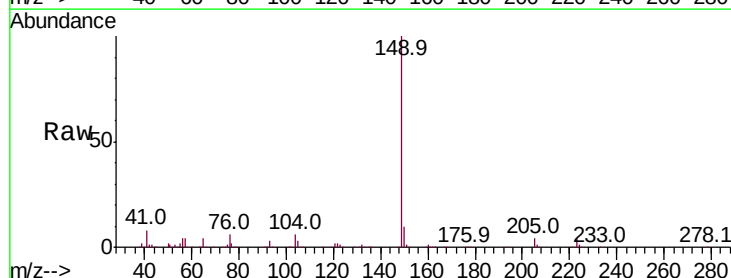
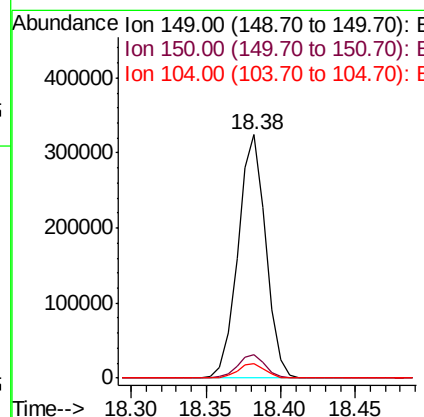
Manual Integrations
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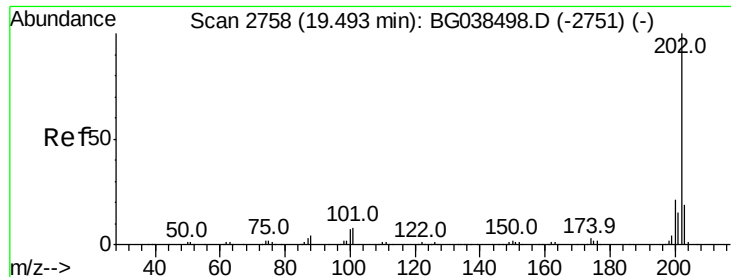
Sohil
 12/19/2018 4:12:20 PM



#74
 Di-n-butylphthalate
 Concen: 45.136 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: BG038694.D
 Acq: 18 Dec 2018 14:42

Tgt Ion:	149	Resp:	418970
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.6	11.4
104	5.9	5.0	7.4





#75

Fluoranthene

Concen: 48.604 ng

RT: 19.49 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG038694.D

Acq: 18 Dec 2018 14:42

Instrument :

BNA_G

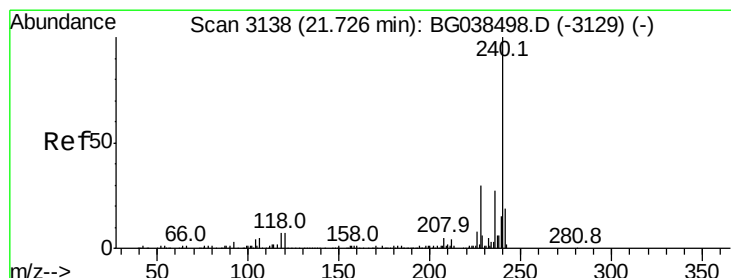
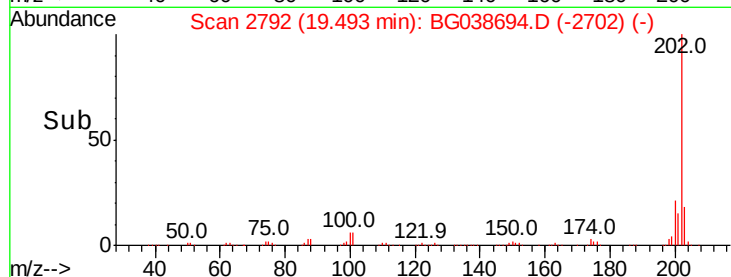
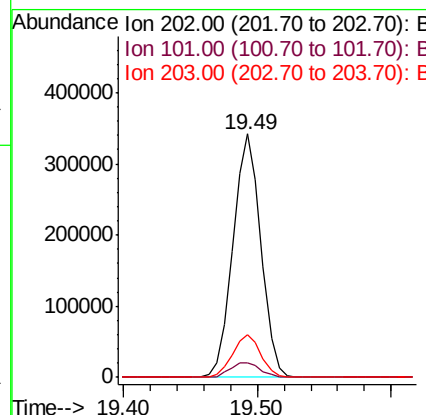
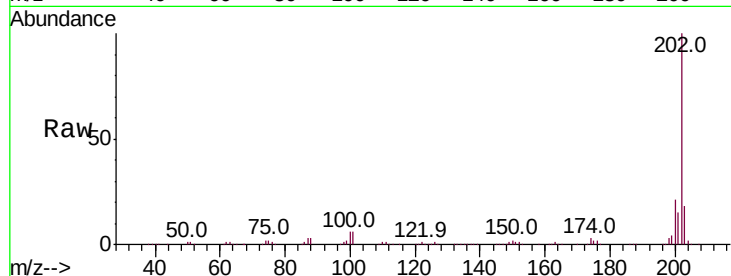
ClientSampleId :

PR-MW-04_121218MS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	498272		
101	6.2	0.0	28.1	
203	17.7	0.0	39.0	

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#76

Chrysene-d12

Concen: 20.000 ng

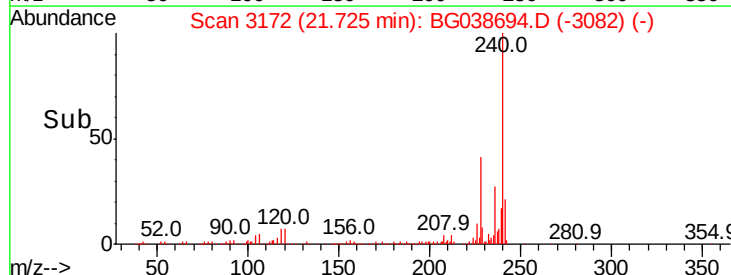
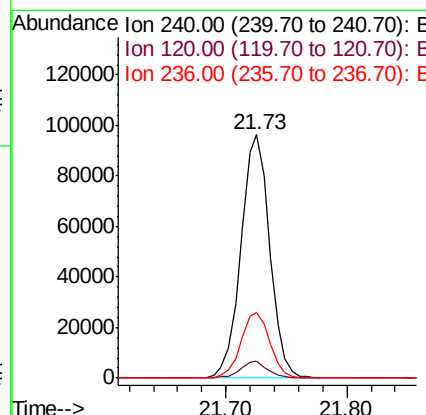
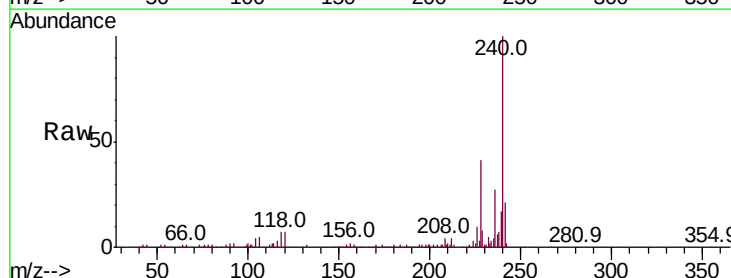
RT: 21.73 min Scan# 3172

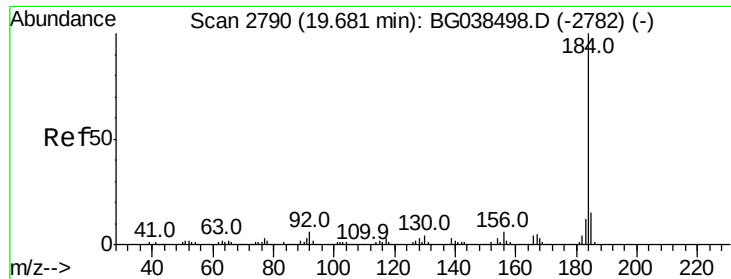
Delta R.T. -0.00 min

Lab File: BG038694.D

Acq: 18 Dec 2018 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	159439		
120	7.2	5.3	7.9	
236	26.9	21.4	32.2	





#77

Benzidine

Concen: 28.666 ng

RT: 19.67 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BG038694.D

Acq: 18 Dec 2018 14:42

Instrument :

BNA_G

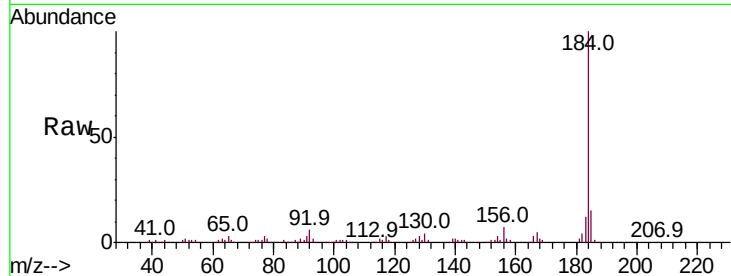
ClientSampleId :

PR-MW-04_121218MS

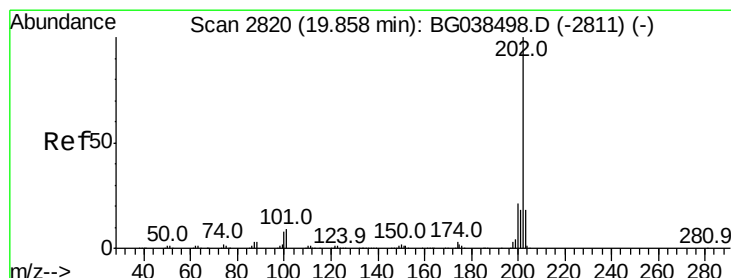
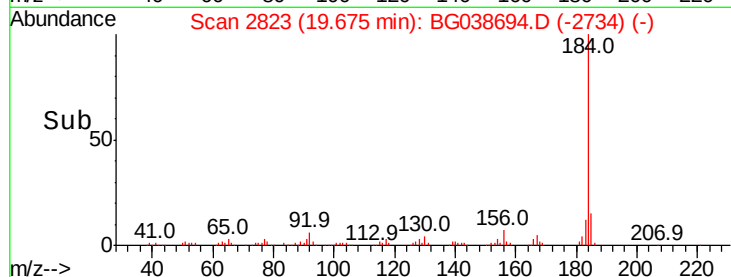
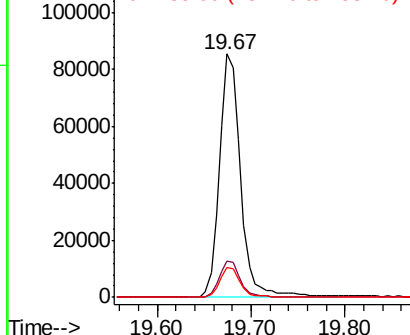
Tot Ion:	184	Resp:	135168
Ion Ratio	Lower	Upper	
184	100		
185	14.7	12.2	18.2
183	12.2	9.6	14.4

Manual Integrations
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.681 ng

RT: 19.86 min Scan# 2854

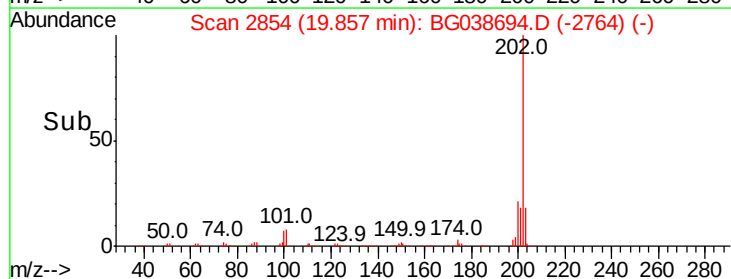
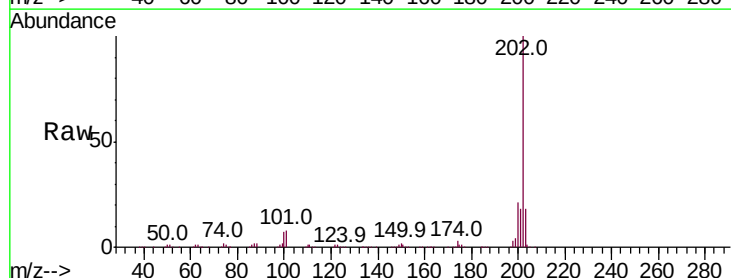
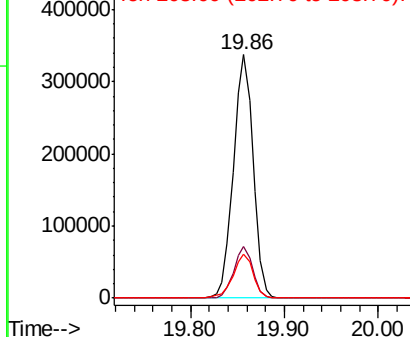
Delta R.T. -0.00 min

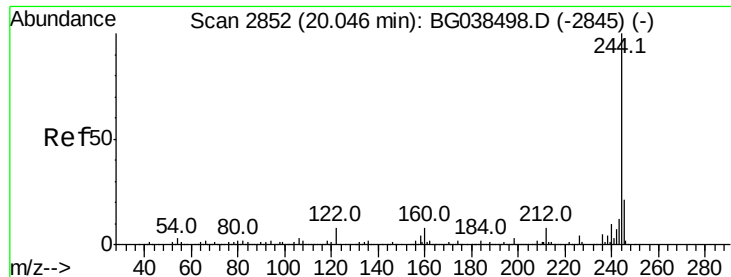
Lab File: BG038694.D

Acq: 18 Dec 2018 14:42

Tgt Ion:	202	Resp:	491690
Ion Ratio	Lower	Upper	
202	100		
200	21.0	16.6	25.0
203	18.2	14.6	21.8

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 97.473 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG038694.D

Acq: 18 Dec 2018 14:42

Instrument :

BNA_G

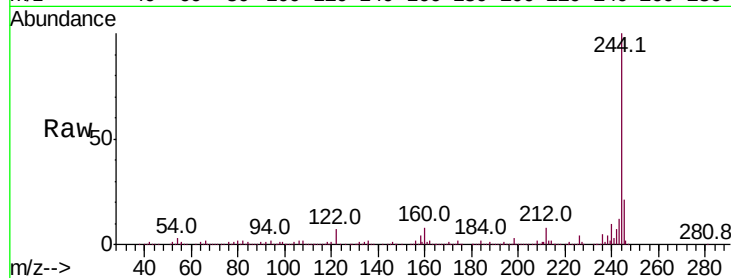
ClientSampleId :

PR-MW-04_121218MS

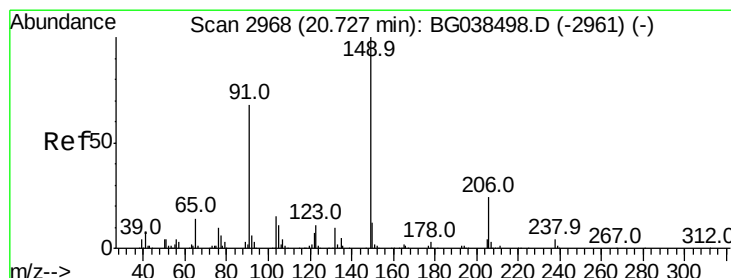
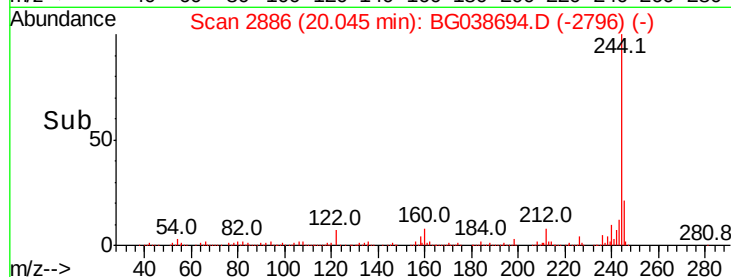
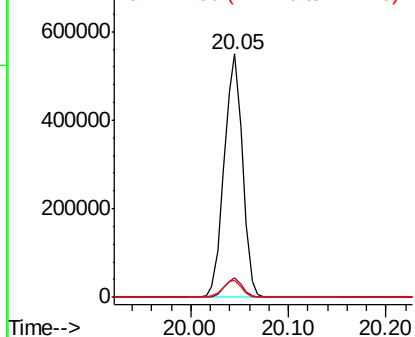
Tot Ion:	244	Resp:	714092
Ion Ratio	Lower	Upper	
244	100		
212	8.1	6.2	9.2
122	6.8	6.3	9.5

Manual Integrations
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.034 ng

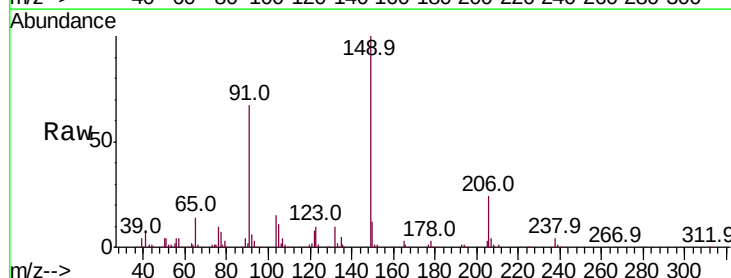
RT: 20.73 min Scan# 3002

Delta R.T. -0.00 min

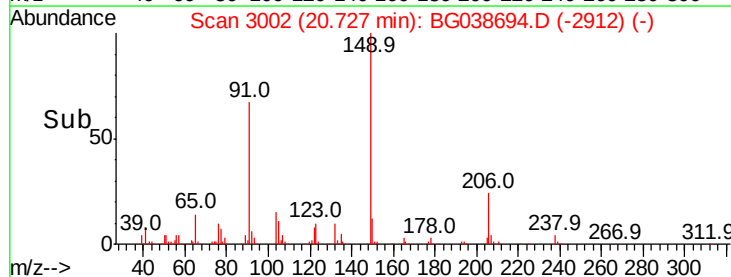
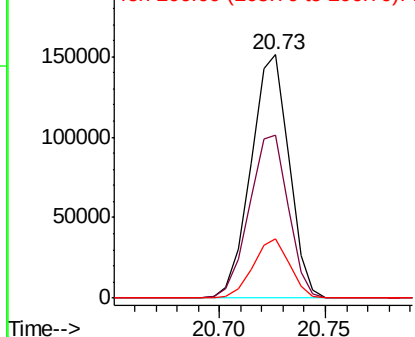
Lab File: BG038694.D

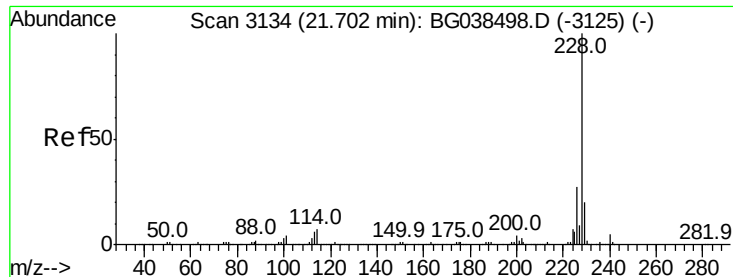
Acq: 18 Dec 2018 14:42

Tgt Ion:	149	Resp:	189436
Ion Ratio	Lower	Upper	
149	100		
91	67.0	54.5	81.7
206	24.1	19.0	28.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.643 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG038694.D

Acq: 18 Dec 2018 14:42

Instrument :

BNA_G

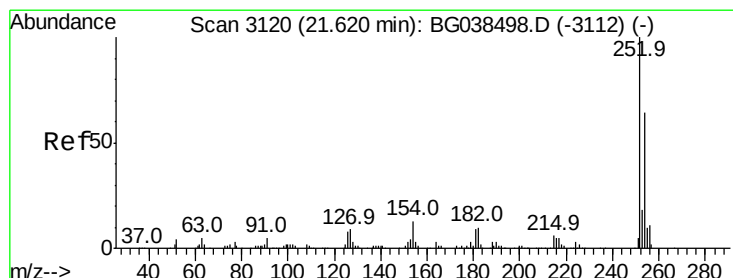
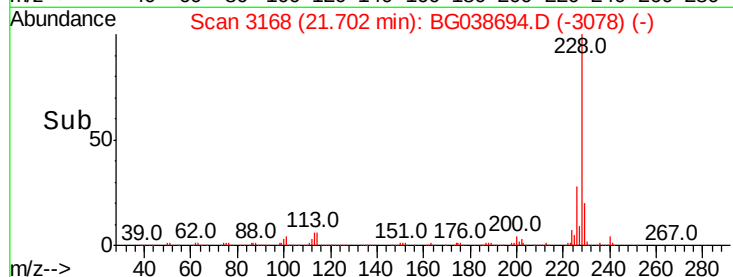
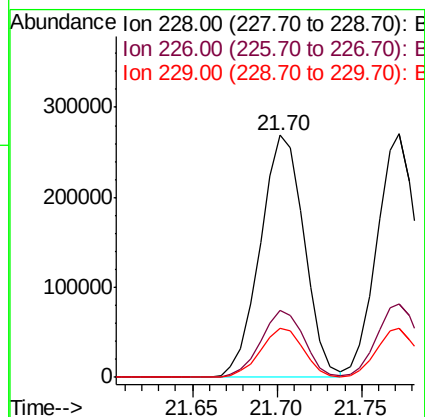
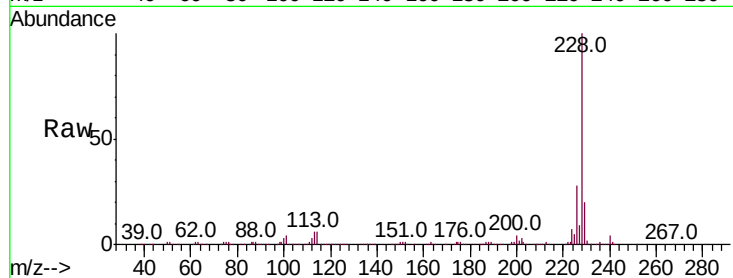
ClientSampleId :

PR-MW-04_121218MS

Tot Ion:	228	Resp:	482303
Ion Ratio	Lower	Upper	
228	100		
226	27.8	21.8	32.8
229	20.2	15.8	23.6

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 28.340 ng

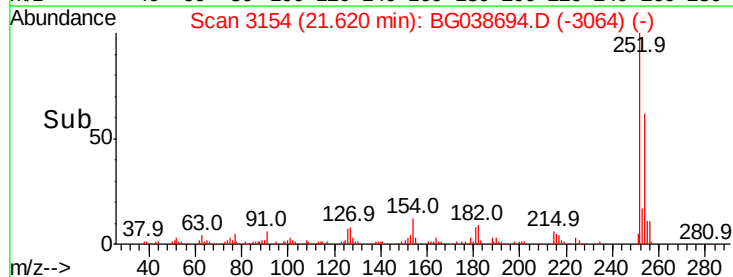
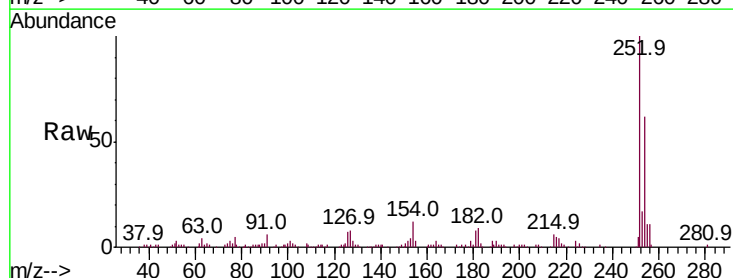
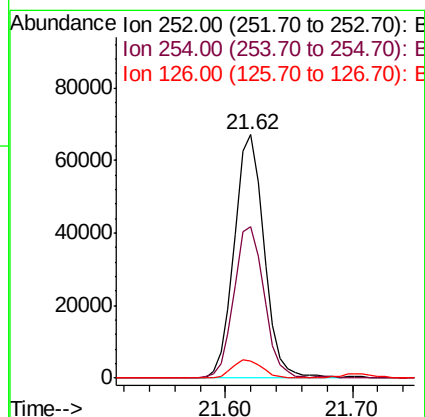
RT: 21.62 min Scan# 3154

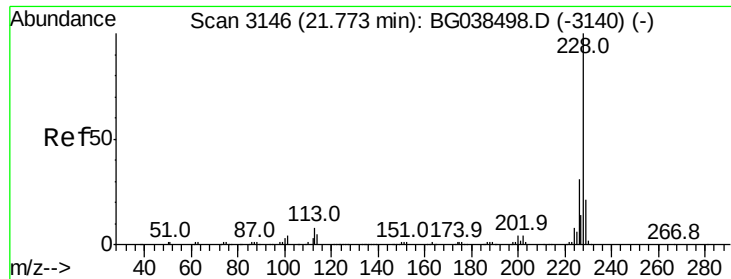
Delta R.T. -0.00 min

Lab File: BG038694.D

Acq: 18 Dec 2018 14:42

Tgt Ion:	252	Resp:	109198
Ion Ratio	Lower	Upper	
252	100		
254	62.4	50.9	76.3
126	7.3	6.3	9.5





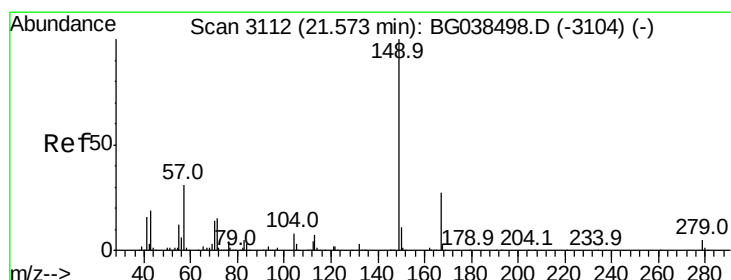
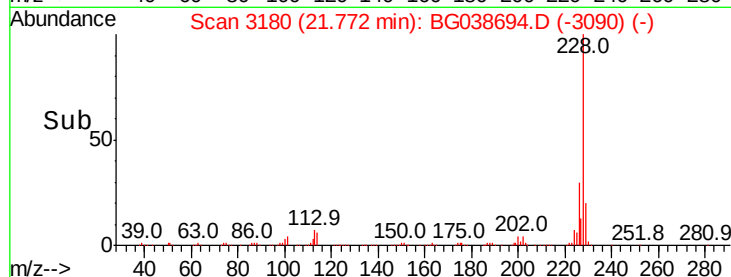
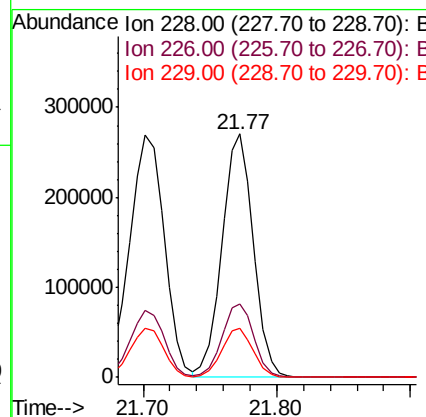
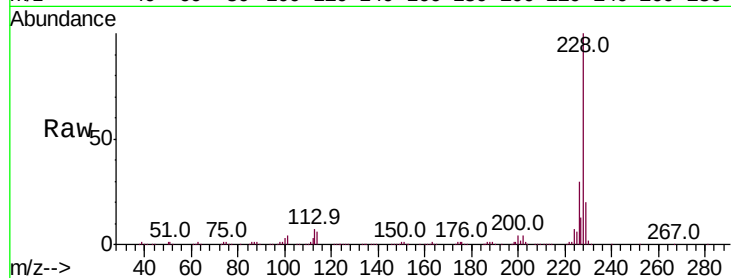
#83
Chrysene
Concen: 47.666 ng
RT: 21.77 min Scan# 3180
Delta R.T. -0.00 min
Lab File: BG038694.D
Acq: 18 Dec 2018 14:42

Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.4
229	20.4	16.5	24.7

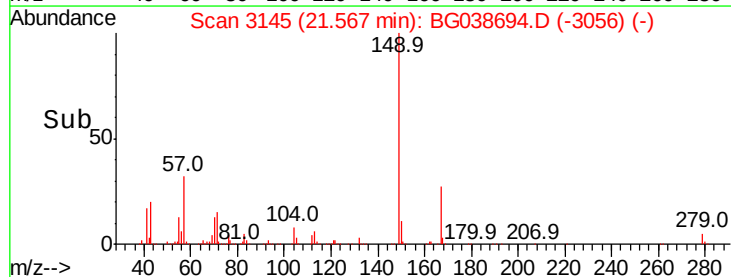
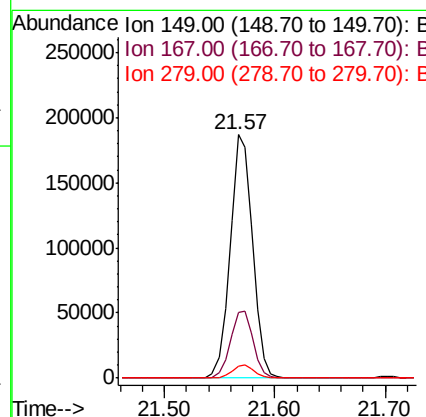
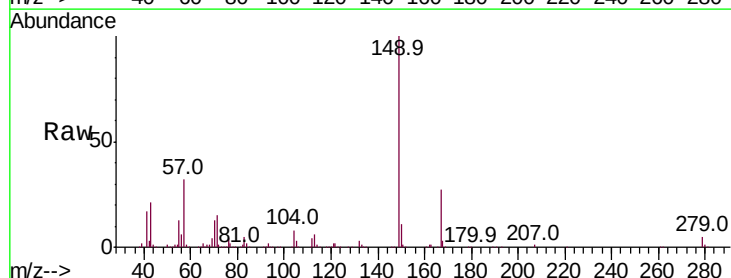
Manual Integrations
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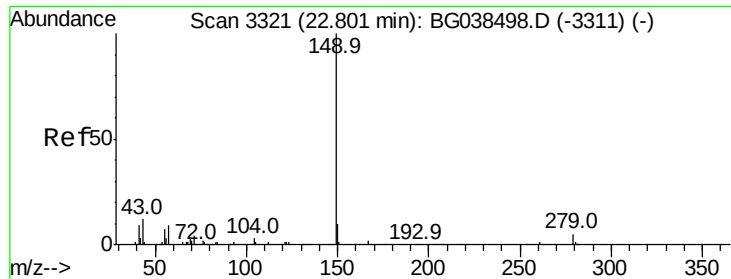
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#84
Bis(2-ethylhexyl)phthalate
Concen: 45.425 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG038694.D
Acq: 18 Dec 2018 14:42

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.9	32.9
279	4.9	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 46.596 ng

RT: 22.79 min Scan# 3354

Delta R.T. -0.01 min

Lab File: BG038694.D

Acq: 18 Dec 2018 14:42

Instrument :

BNA_G

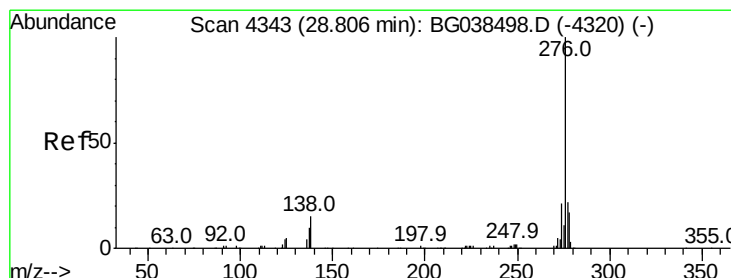
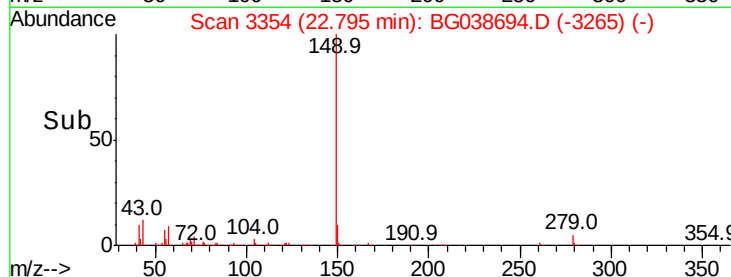
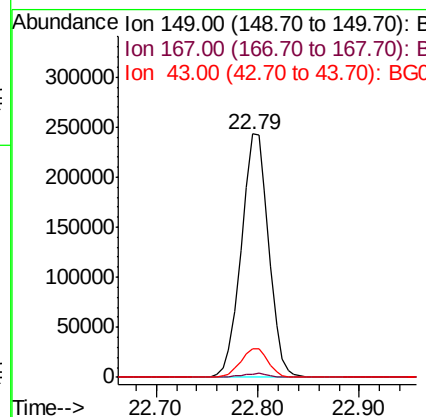
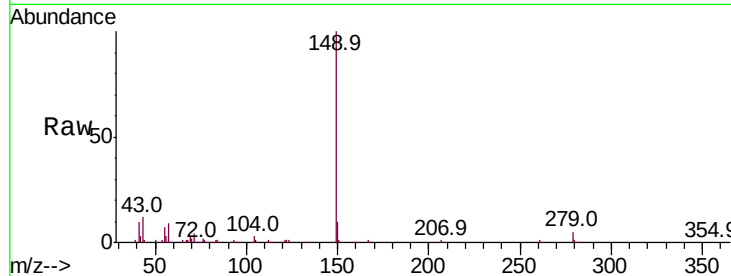
ClientSampleId :

PR-MW-04_121218MS

Tot Ion:	149	Resp:	455450
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	11.8	9.3	13.9

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 49.877 ng

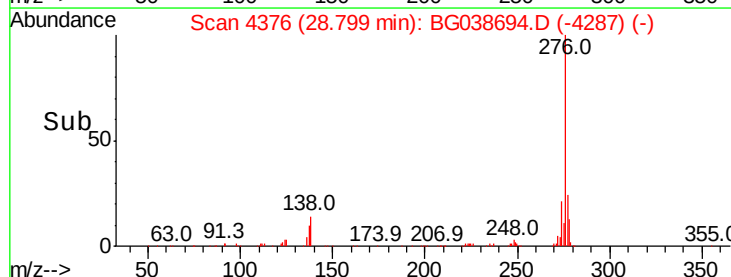
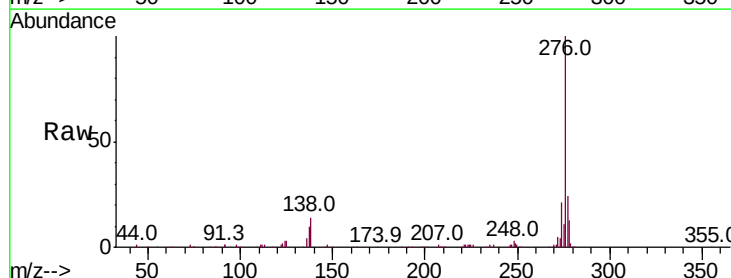
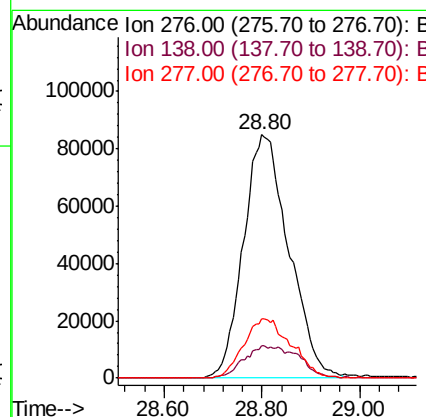
RT: 28.80 min Scan# 4376

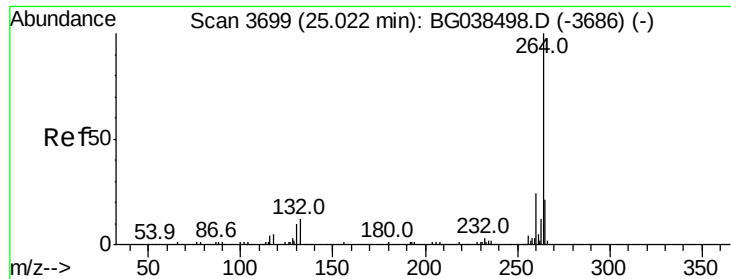
Delta R.T. -0.01 min

Lab File: BG038694.D

Acq: 18 Dec 2018 14:42

Tgt Ion:	276	Resp:	548726
Ion Ratio	Lower	Upper	
276	100		
138	15.8	14.4	21.6
277	25.5	0.0	0.0#





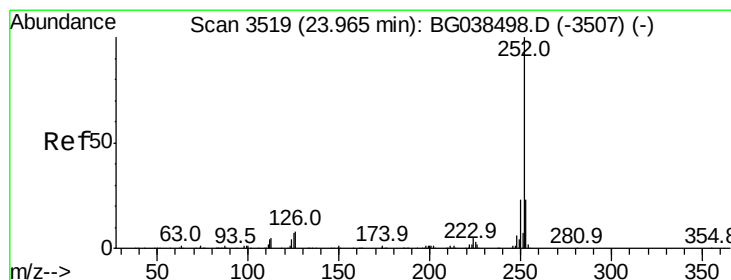
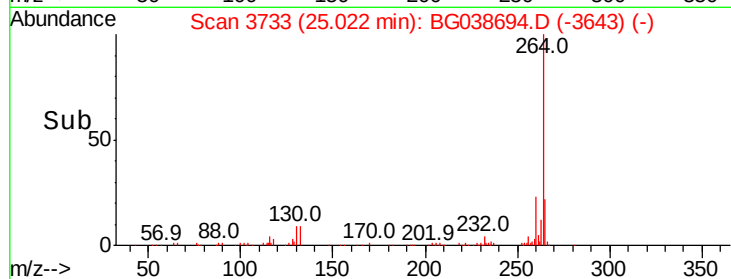
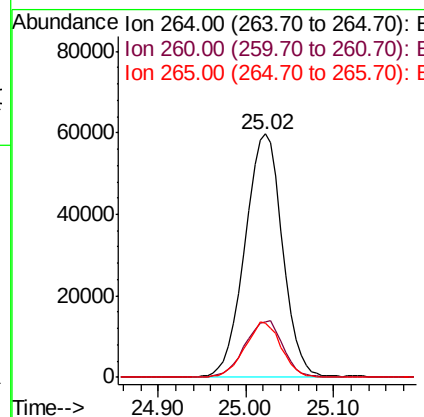
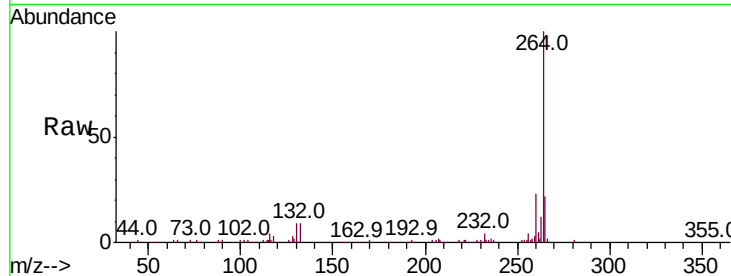
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3733
Delta R.T. -0.00 min
Lab File: BG038694.D
Acq: 18 Dec 2018 14:42

Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.9	28.3
265	22.1	17.0	25.4

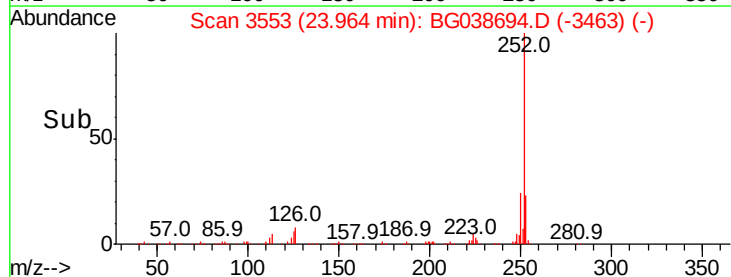
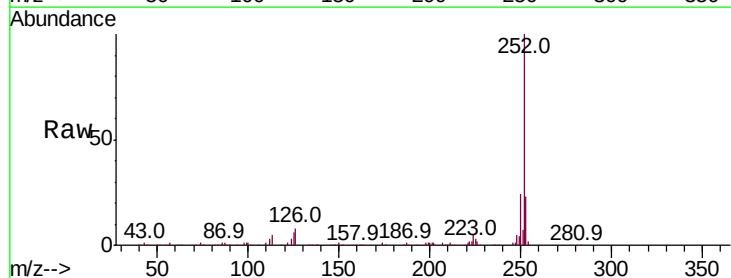
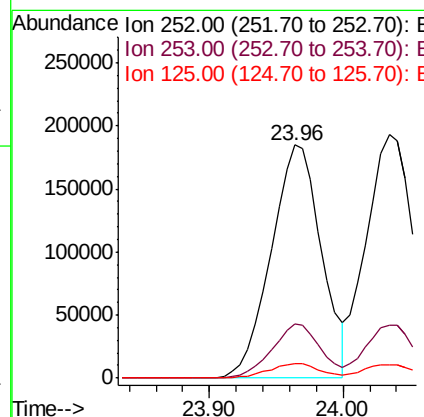
Manual Integrations
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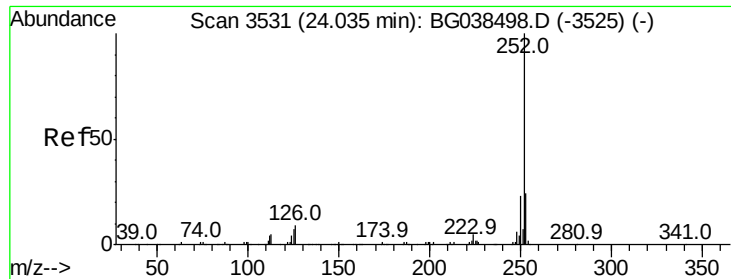
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#88
Benzo(b)fluoranthene
Concen: 50.391 ng
RT: 23.96 min Scan# 3553
Delta R.T. -0.00 min
Lab File: BG038694.D
Acq: 18 Dec 2018 14:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	6.1	5.5	8.3





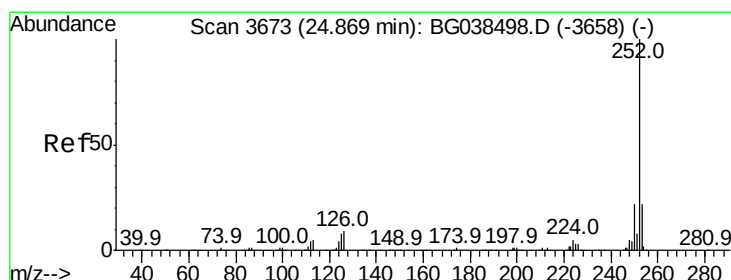
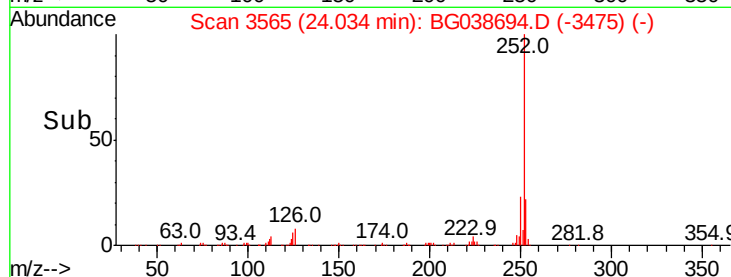
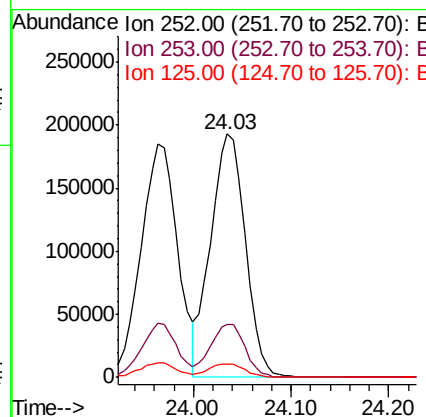
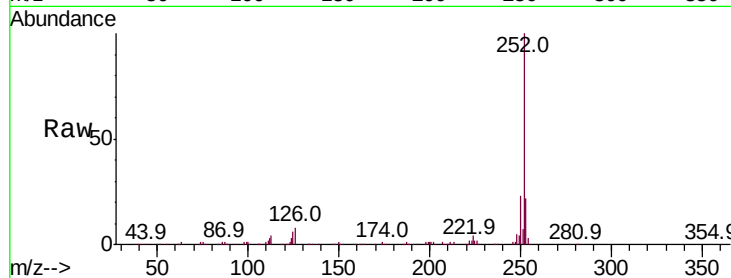
#89
Benzo(k)fluoranthene
Concen: 49.678 ng
RT: 24.03 min Scan# 3565
Delta R.T. -0.00 min
Lab File: BG038694.D
Acq: 18 Dec 2018 14:42

Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.9	28.3
125	5.6	5.4	8.2

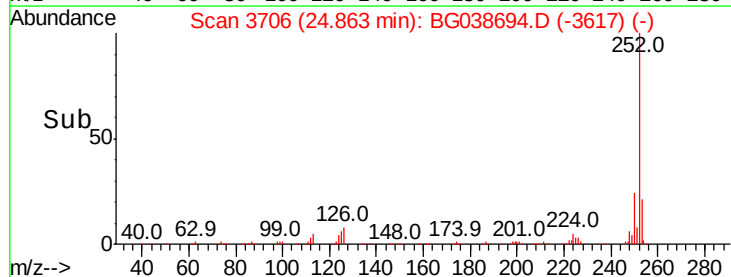
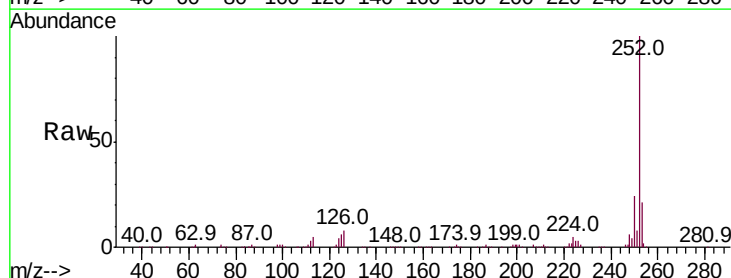
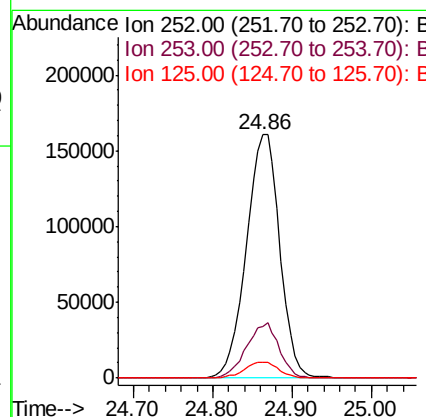
Manual Integrations
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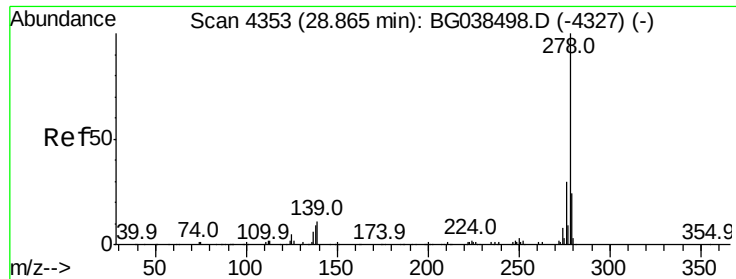
Sohil
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#90
Benzo(a)pyrene
Concen: 50.780 ng
RT: 24.86 min Scan# 3706
Delta R.T. -0.01 min
Lab File: BG038694.D
Acq: 18 Dec 2018 14:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.0
125	6.4	6.4	9.6





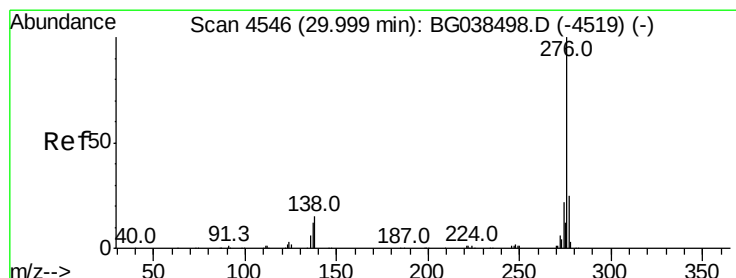
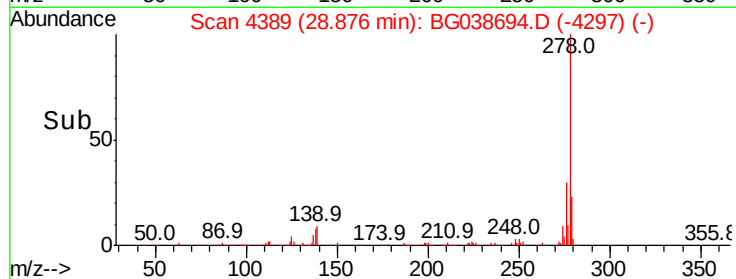
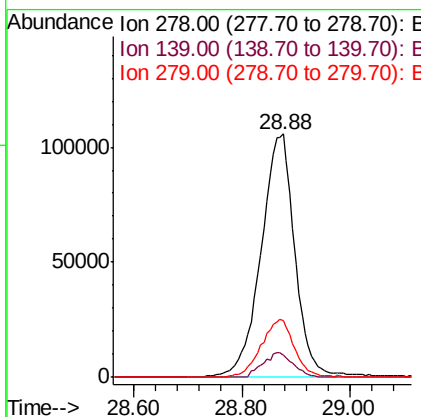
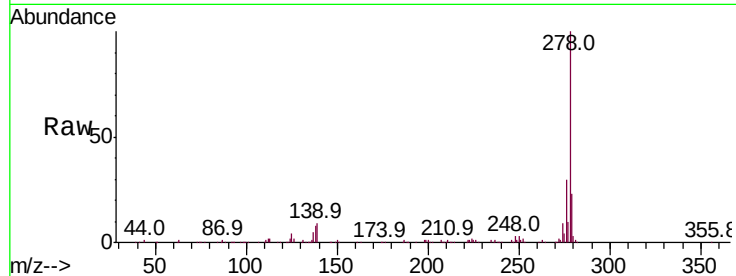
#91
Dibenzo(a,h)anthracene
Concen: 49.374 ng
RT: 28.88 min Scan# 4389
Delta R.T. 0.01 min
Lab File: BG038694.D
Acq: 18 Dec 2018 14:42

Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.9	8.6	12.8
279	23.1	19.0	28.6

Manual Integrations
APPROVED

Sohil
12/19/2018 4:12:20 PM



#92
Benzo(g,h,i)perylene
Concen: 50.122 ng
RT: 30.00 min Scan# 4580
Delta R.T. -0.00 min
Lab File: BG038694.D
Acq: 18 Dec 2018 14:42

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.8	29.8
138	13.0	11.8	17.6

