

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\
 Data File : BG038695.D
 Acq On : 18 Dec 2018 15:22
 Operator : JU/SJ
 Sample : J6398-03MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-04_121218MSD

Manual Integrations
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 12/19/2018 4:12:22 PM

Quant Time: Dec 19 07:15:17 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	8.05	152	27433	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	114839	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	78047	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	193898	20.00	ng	0.00
76) Chrysene-d12	21.73	240	191013	20.00	ng	0.00
87) Perylene-d12	25.02	264	211514	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	110285	71.30	ng	0.00
7) Phenol-d6	7.21	99	96297	45.35	ng	0.00
23) Nitrobenzene-d5	9.24	82	214388	95.37	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	166951	155.21	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	522210	91.79	ng	0.00
79) Terphenyl-d14	20.05	244	927426	105.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	11281	15.671	ng	# 92
3) Pyridine	3.90	79	27298	13.774	ng	# 87
4) n-Nitrosodimethylamine	3.82	42	20920	21.543	ng	83
6) Aniline	7.39	93	62590	23.091	ng	97
8) 2-Chlorophenol	7.62	128	73520	41.075	ng	97
9) Benzaldehyde	7.20	77	31260	22.695	ng	97
10) Phenol	7.24	94	38343	16.997	ng	98
11) bis(2-Chloroethyl)ether	7.48	93	76996	42.871	ng	95
12) 1,3-Dichlorobenzene	7.94	146	87428	41.311	ng	99
13) 1,4-Dichlorobenzene	8.10	146	88653	40.902	ng	98
14) 1,2-Dichlorobenzene	8.41	146	86589	42.376	ng	99
15) Benzyl Alcohol	8.30	79	50789	30.645	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	171255	41.626	ng	98
17) 2-Methylphenol	8.50	107	51121	33.825	ng	95
18) Hexachloroethane	9.14	117	31604	39.903	ng	90
19) n-Nitroso-di-n-propylamine	8.86	70	67486	45.253	ng	97
20) 3+4-Methylphenols	8.82	107	64273	30.793	ng	95
22) Acetophenone	8.89	105	136126	47.456	ng	97
24) Nitrobenzene	9.28	77	104871	46.116	ng	95
25) Isophorone	9.79	82	193647	47.946	ng	98
26) 2-Nitrophenol	9.99	139	51894	44.586	ng	96
27) 2,4-Dimethylphenol	10.03	122	79100	47.420	ng	99
28) bis(2-Chloroethoxy)methane	10.28	93	108951	47.801	ng	98
29) 2,4-Dichlorophenol	10.52	162	93070	50.154	ng	97
30) 1,2,4-Trichlorobenzene	10.73	180	101091	45.100	ng	98
31) Naphthalene	10.93	128	281283	49.712	ng	98
32) Benzoic acid	10.18	122	8134m	16.216	ng	
33) 4-Chloroaniline	11.05	127	54590	22.222	ng	96
34) Hexachlorobutadiene	11.19	225	65002	42.857	ng	93
35) Caprolactam	11.84	113	4978	6.482	ng	# 84
36) 4-Chloro-3-methylphenol	12.15	107	93174	43.999	ng	96
37) 2-Methylnaphthalene	12.53	142	220921	54.729	ng	97
38) 1-Methylnaphthalene	12.74	142	210369	53.706	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	131644	45.124	ng	100

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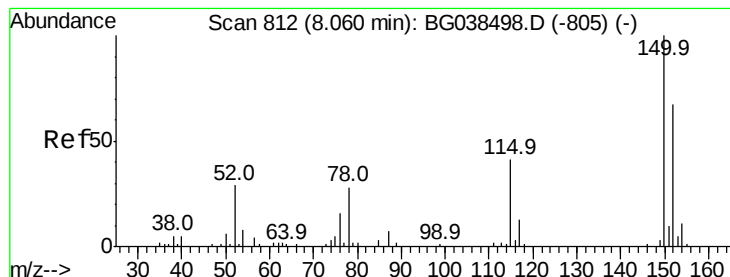
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	147937	92.300	nq	96
43) 2,4,6-Trichlorophenol	13.13	196	89152	49.701	nq	97
44) 2,4,5-Trichlorophenol	13.20	196	93627	49.298	nq	100
46) 1,1'-Biphenyl	13.53	154	289285	44.214	nq	97
47) 2-Chloronaphthalene	13.58	162	234279	46.355	nq	97
48) 2-Nitroaniline	13.79	65	78889	49.005	nq	96
49) Acenaphthylene	14.42	152	385941	51.081	nq	98
50) Dimethylphthalate	14.15	163	314574	49.356	nq	100
51) 2,6-Dinitrotoluene	14.28	165	71181	49.282	nq	97
52) Acenaphthene	14.76	154	223915	49.561	nq	98
53) 3-Nitroaniline	14.62	138	39788	27.023	nq	93
54) 2,4-Dinitrophenol	14.82	184	74454	86.205	nq	94
55) Dibenzofuran	15.09	168	377035	48.684	nq	98
56) 4-Nitrophenol	14.92	139	37127	33.239	nq	97
57) 2,4-Dinitrotoluene	15.06	165	101468	49.878	nq	97
58) Fluorene	15.75	166	307689	53.626	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.32	232	89979	52.659	nq	98
60) Diethylphthalate	15.50	149	318576	45.532	nq	98
61) 4-Chlorophenyl-phenylether	15.73	204	174116	48.636	nq	98
62) 4-Nitroaniline	15.78	138	71167	46.950	nq	96
63) Azobenzene	16.02	77	276350	47.279	nq	96
65) 4,6-Dinitro-2-methylphenol	15.83	198	60729	43.906	nq	98
66) n-Nitrosodiphenylamine	15.95	169	271512	47.658	nq	98
67) 4-Bromophenyl-phenylether	16.63	248	115109	48.609	nq	98
68) Hexachlorobenzene	16.74	284	117242	47.761	nq	98
69) Atrazine	16.89	200	111779	52.869	nq	96
70) Pentachlorophenol	17.09	266	120732	83.151	nq	97
71) Phenanthrene	17.49	178	517329	51.451	nq	99
72) Anthracene	17.58	178	532143	53.609	nq	100
73) Carbazole	17.85	167	457890	46.643	nq	99
74) Di-n-butylphthalate	18.38	149	541152	48.041	nq	99
75) Fluoranthene	19.49	202	631866	50.790	nq	98
77) Benzidine	19.68	184	214790	38.022	nq	99
78) Pyrene	19.86	202	625541	49.572	nq	99
80) Butylbenzylphthalate	20.72	149	247605	50.224	nq	98
81) Benzo(a)anthracene	21.70	228	616982	53.008	nq	98
82) 3,3'-Dichlorobenzidine	21.62	252	155035	33.585	nq	97
83) Chrysene	21.77	228	573003	51.111	nq	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	338315	48.385	nq	99
85) Di-n-octyl phthalate	22.80	149	577966	49.356	nq	99
86) Indeno(1,2,3-cd)pyrene	28.81	276	714715	54.226	nq	# 95
88) Benzo(b)fluoranthene	23.97	252	612631	52.754	nq	99
89) Benzo(k)fluoranthene	24.04	252	610519	52.795	nq	97
90) Benzo(a)pyrene	24.87	252	602185	53.750	nq	99
91) Dibenzo(a,h)anthracene	28.87	278	592436	53.109	nq	99
92) Benzo(g,h,i)perylene	30.01	276	586502	53.351	nq	97

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



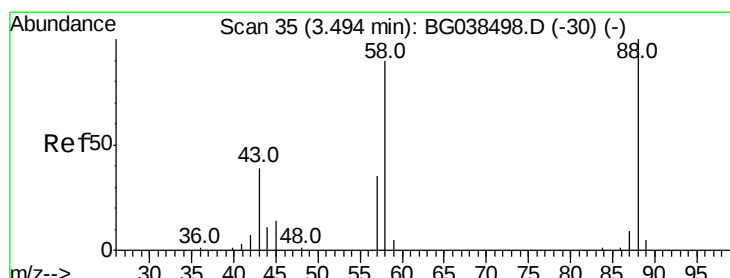
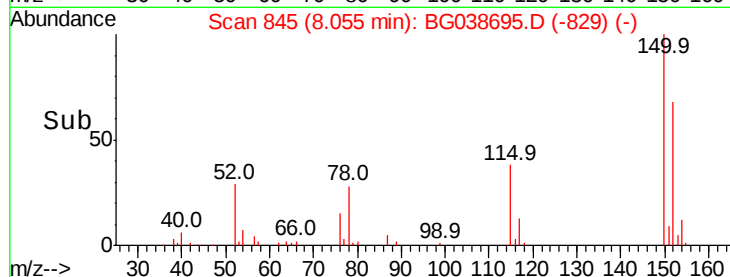
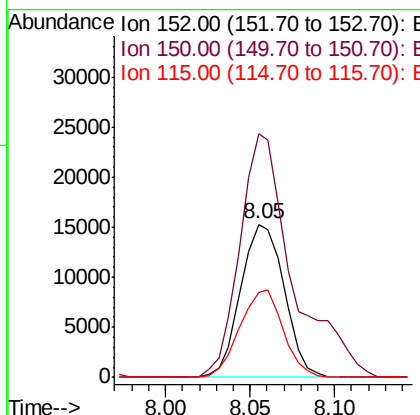
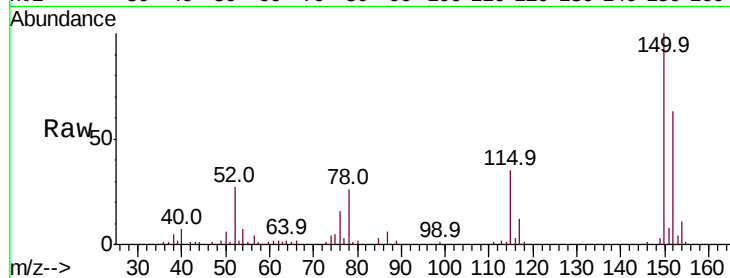
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BG038695.D
 Acq: 18 Dec 2018 15:22

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-04_121218MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	119.5	179.3
115	55.1	49.6	74.4

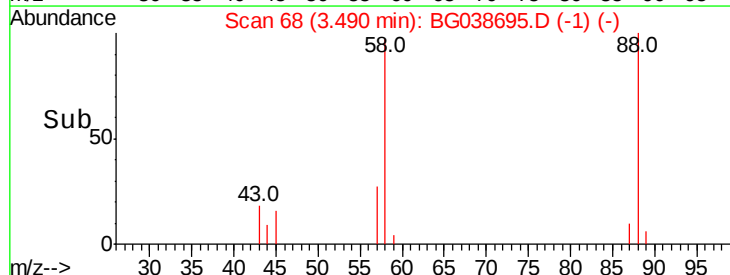
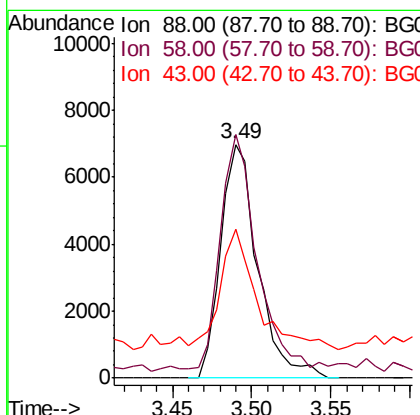
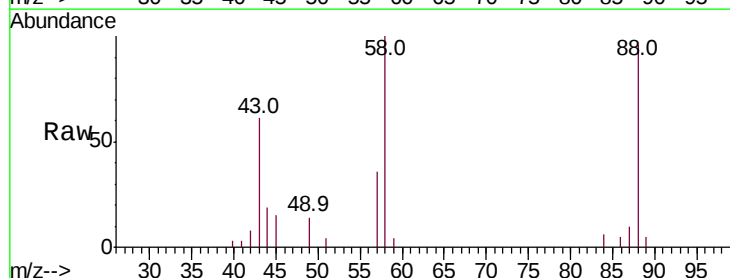
Manual Integrations
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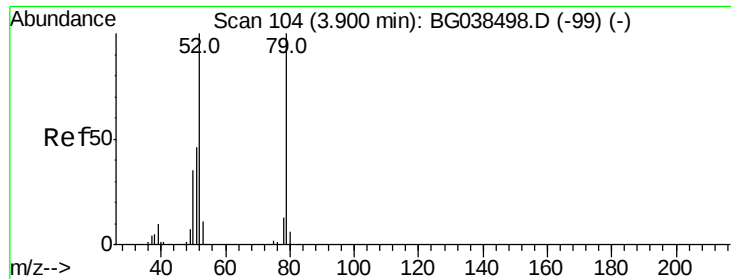
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#2
 1,4-Dioxane
 Concen: 15.671 ng
 RT: 3.49 min Scan# 68
 Delta R.T. -0.00 min
 Lab File: BG038695.D
 Acq: 18 Dec 2018 15:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.0	75.7	113.5
43	51.6	31.6	47.4





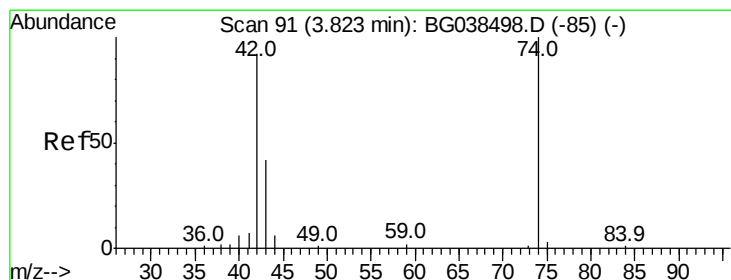
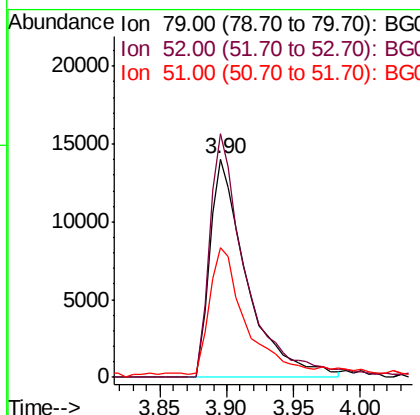
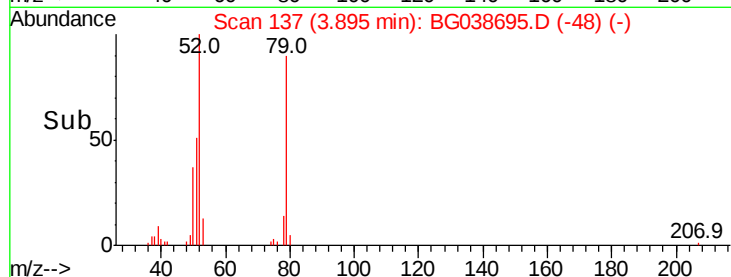
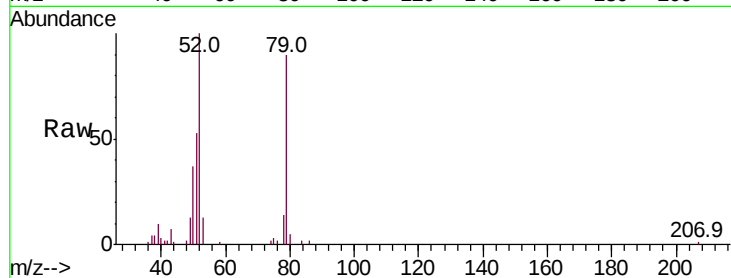
#3
 Pvridine
 Concen: 13.774 ng
 RT: 3.90 min Scan# 137
 Delta R.T. -0.00 min
 Lab File: BG038695.D
 Acq: 18 Dec 2018 15:22

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-04_121218MSD

Tot Ion: 79 Resp: 27298
 Ion Ratio Lower Upper
 79 100
 52 111.6 80.2 120.2
 51 59.3 38.0 57.0#

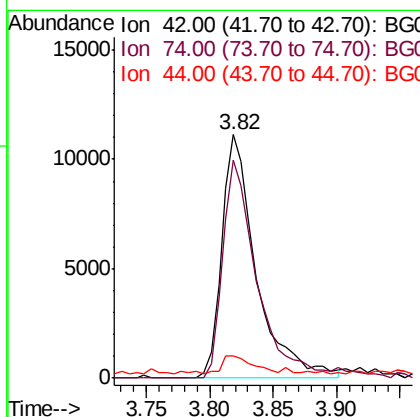
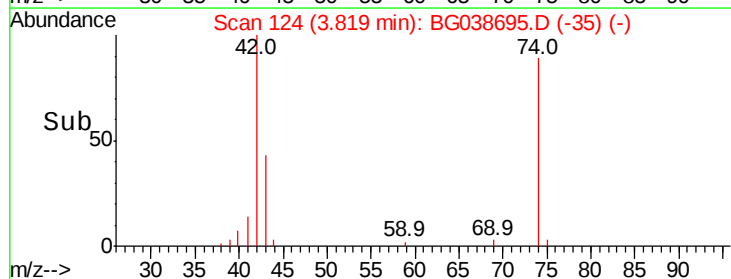
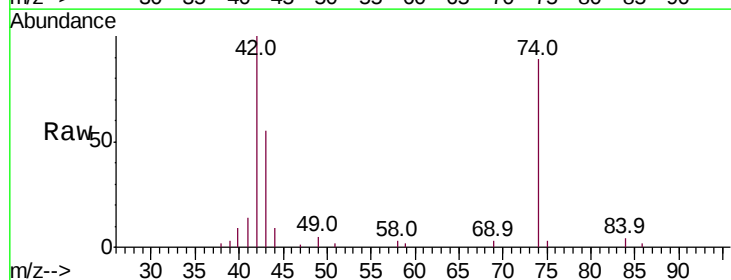
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#4
 n-Nitrosodimethylamine
 Concen: 21.543 ng
 RT: 3.82 min Scan# 124
 Delta R.T. -0.00 min
 Lab File: BG038695.D
 Acq: 18 Dec 2018 15:22

Tgt Ion: 42 Resp: 20920
 Ion Ratio Lower Upper
 42 100
 74 89.3 86.7 130.1
 44 8.9 7.8 11.8





#5

2-Fluorophenol

Concen: 71.304 ng

RT: 5.60 min Scan# 428

Delta R.T. 0.00 min

Lab File: BG038695.D

Acq: 18 Dec 2018 15:22

Instrument :

BNA_G

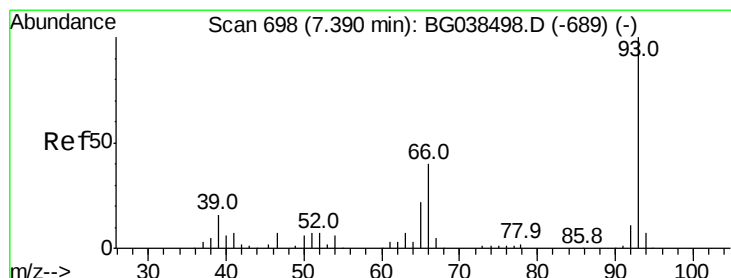
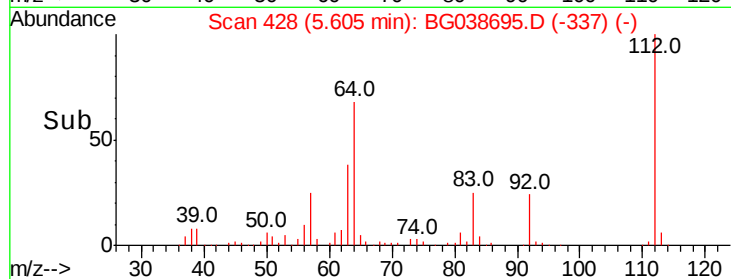
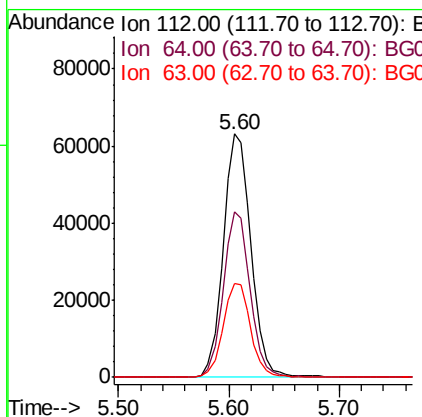
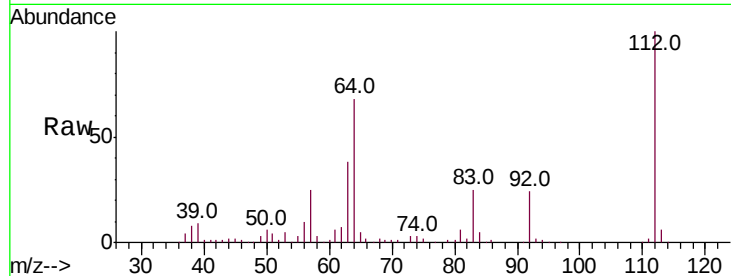
ClientSampleId :

PR-MW-04_121218MSD

Tot Ion:	112	Resp:	110285
Ion Ratio	Lower	Upper	
112	100		
64	67.9	53.4	80.2
63	38.3	29.3	43.9

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#6

Aniline

Concen: 23.091 ng

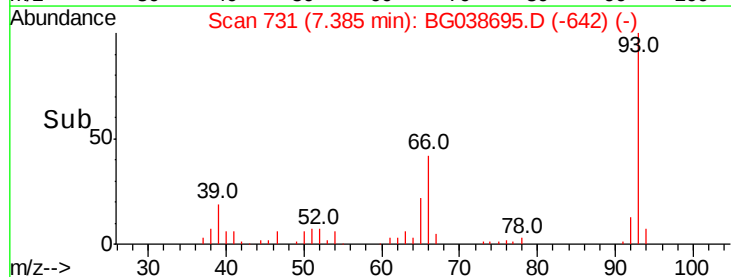
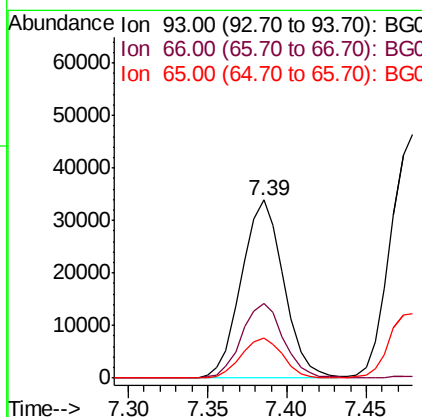
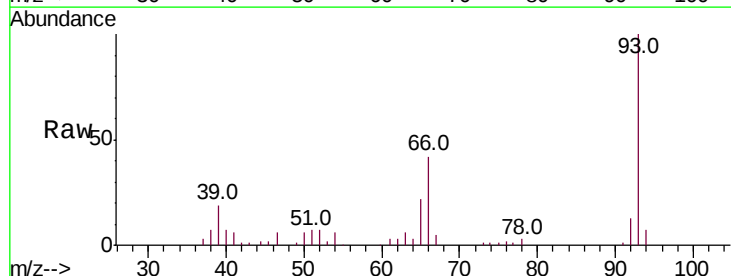
RT: 7.39 min Scan# 731

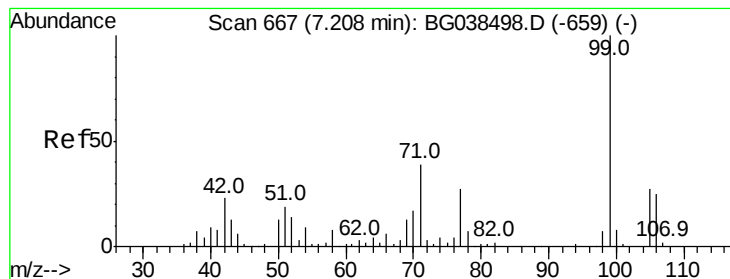
Delta R.T. -0.00 min

Lab File: BG038695.D

Acq: 18 Dec 2018 15:22

Tgt Ion:	93	Resp:	62590
Ion Ratio	Lower	Upper	
93	100		
66	42.3	31.7	47.5
65	22.5	17.8	26.6





#7

Phenol-d6

Concen: 45.352 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038695.D

Acq: 18 Dec 2018 15:22

Instrument :

BNA_G

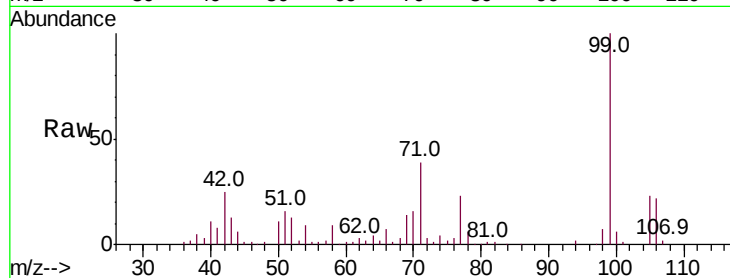
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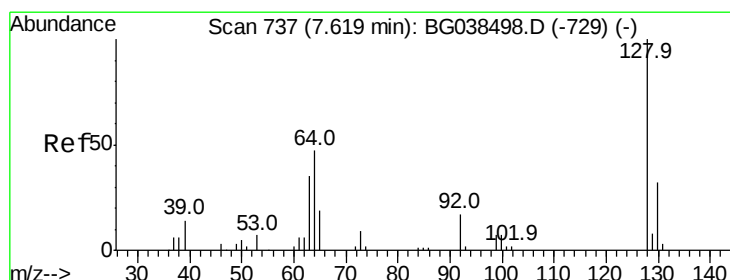
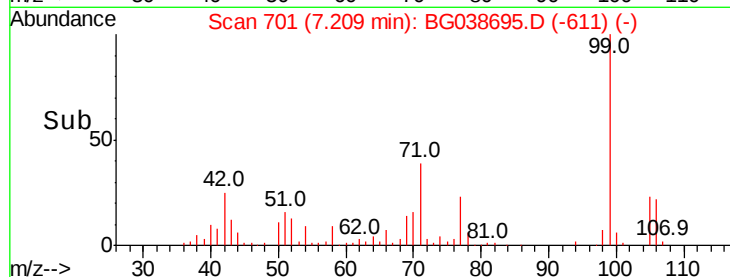
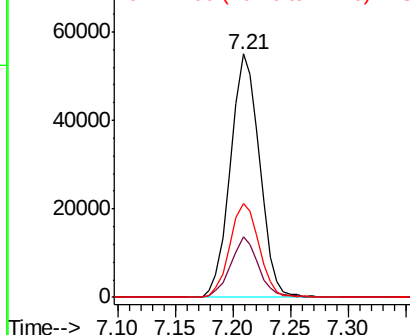
Tot Ion:	99	Resp:	96297
Ion Ratio	Lower	Upper	
99	100		
42	25.1	18.5	27.7
71	38.6	31.1	46.7

Manual Integrations
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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: 41.075 ng

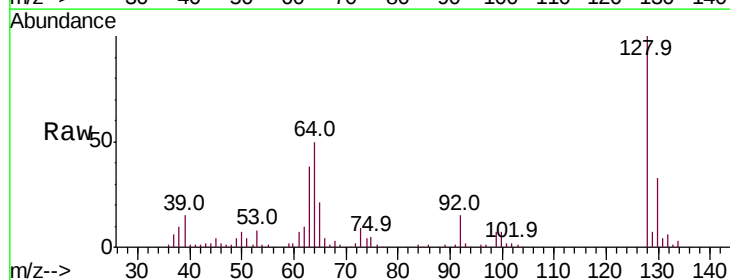
RT: 7.62 min Scan# 771

Delta R.T. 0.00 min

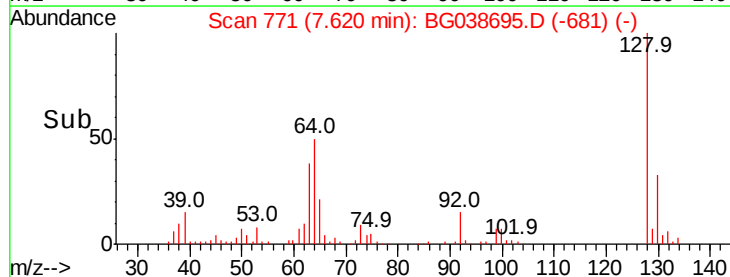
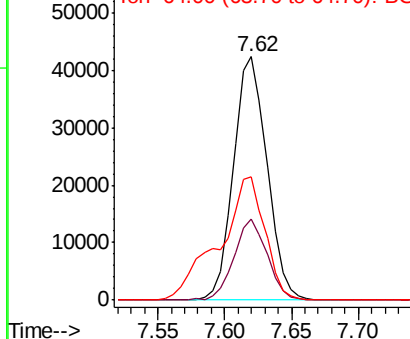
Lab File: BG038695.D

Acq: 18 Dec 2018 15:22

Tgt Ion:	128	Resp:	73520
Ion Ratio	Lower	Upper	
128	100		
130	33.4	11.8	51.8
64	50.4	33.2	73.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





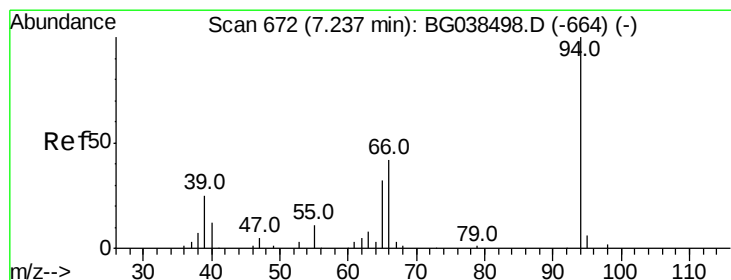
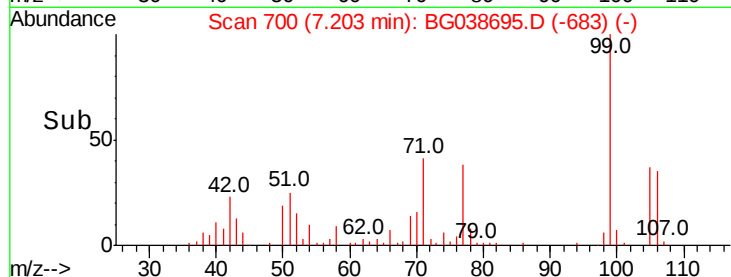
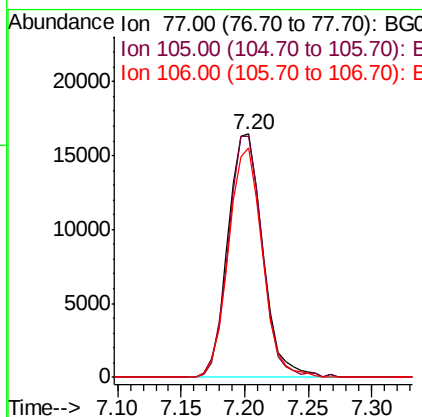
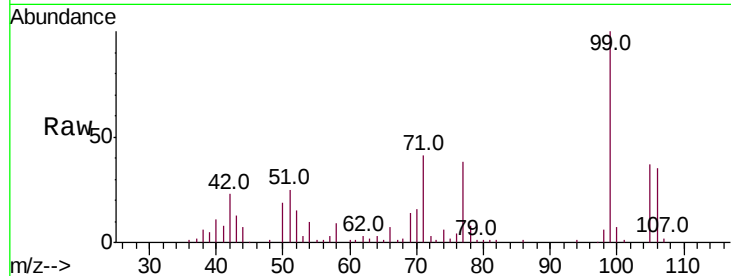
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Benzaldehyde
Concen: 22.695 ng
RT: 7.20 min Scan# 700
Delta R.T. 0.00 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MSD

Tot Ion: 77 Resp: 31260
Ion Ratio Lower Upper
77 100
105 99.1 74.0 114.0
106 94.5 73.9 113.9

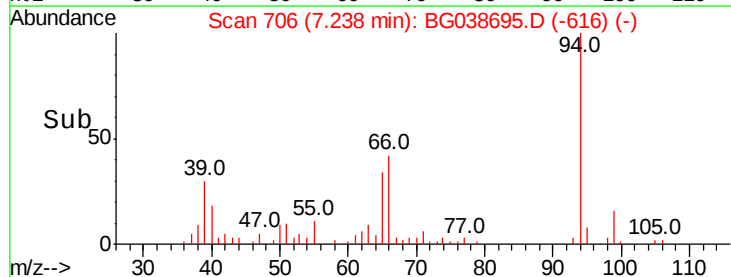
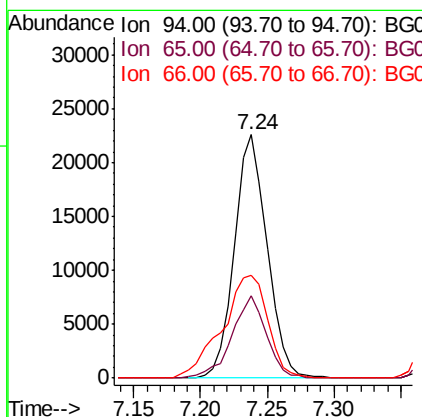
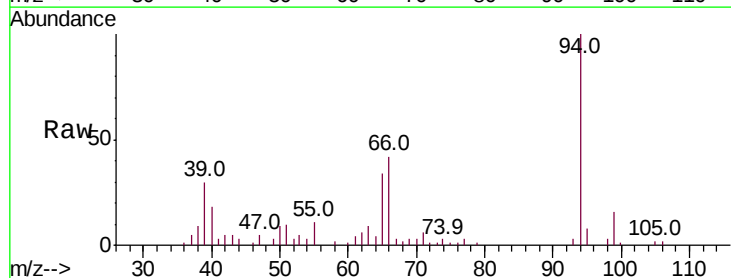
Manual Integrations
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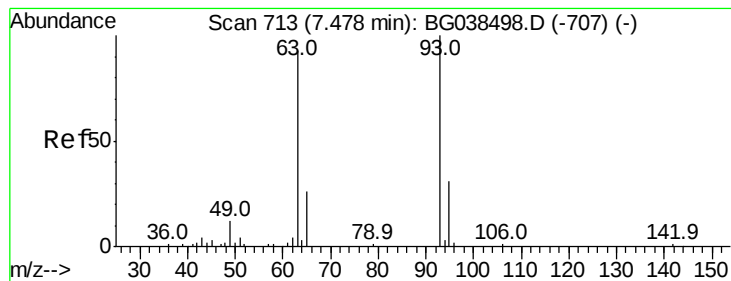
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#10
Phenol
Concen: 16.997 ng
RT: 7.24 min Scan# 706
Delta R.T. 0.00 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

Tgt Ion: 94 Resp: 38343
Ion Ratio Lower Upper
94 100
65 33.8 12.6 52.6
66 42.5 24.1 64.1





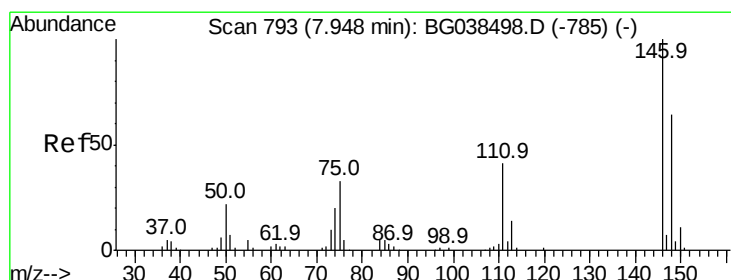
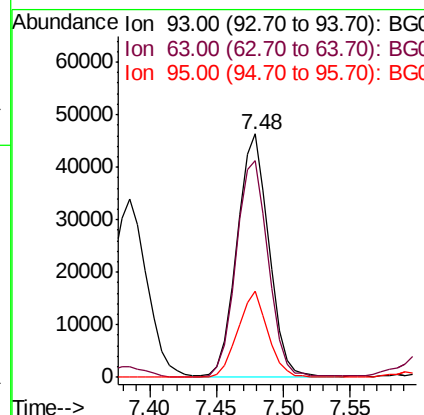
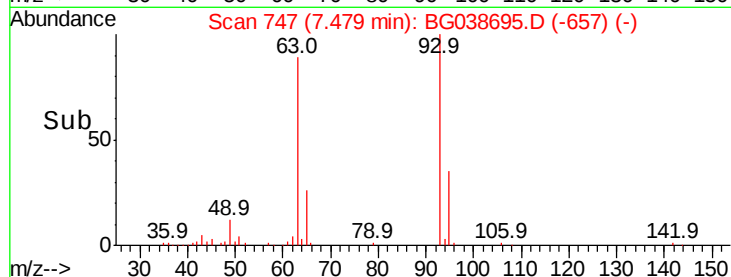
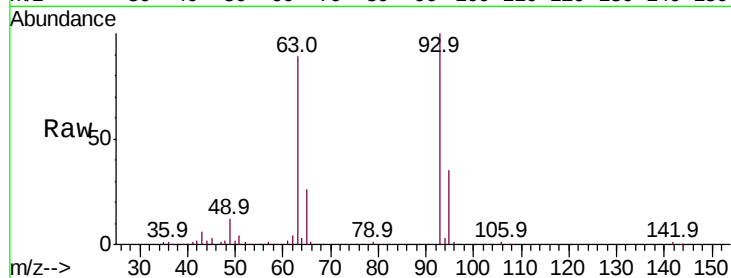
#11
bis(2-Chloroethyl)ether
Concen: 42.871 ng
RT: 7.48 min Scan# 747
Delta R.T. 0.00 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.9	72.2	112.2
95	35.5	11.2	51.2

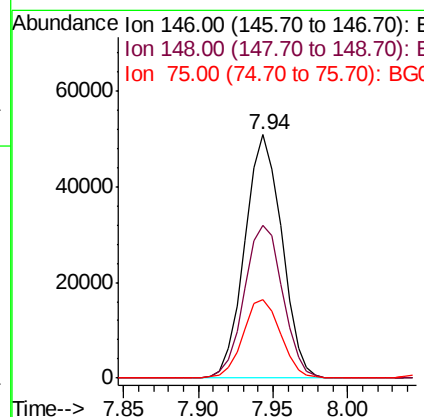
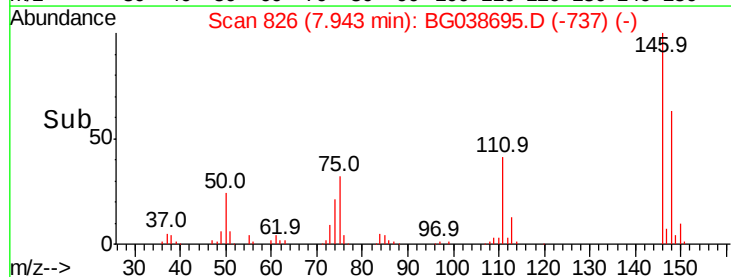
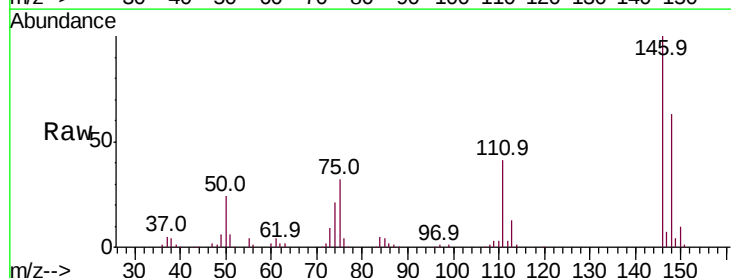
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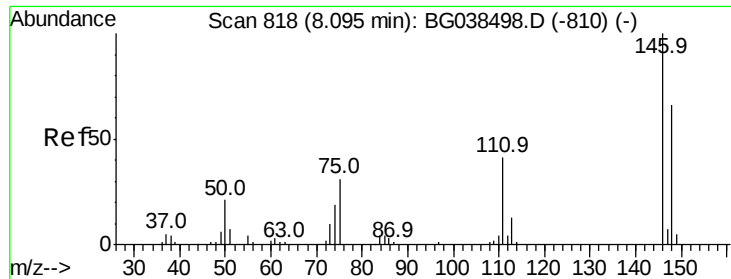
Sohil
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#12
1,3-Dichlorobenzene
Concen: 41.311 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.00 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.4	77.0
75	32.5	26.1	39.1





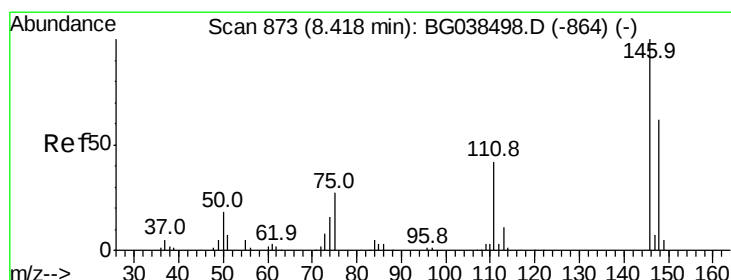
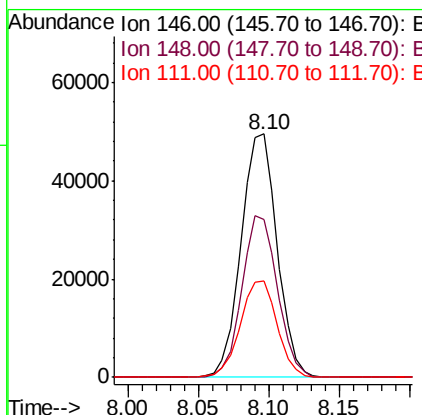
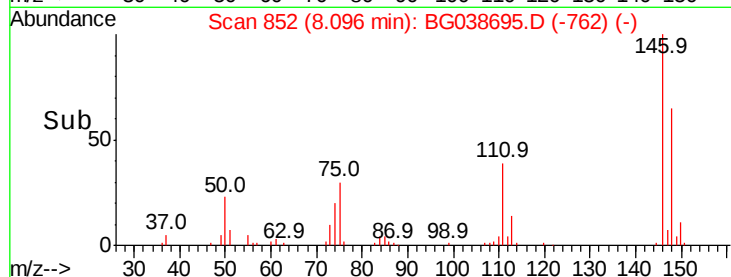
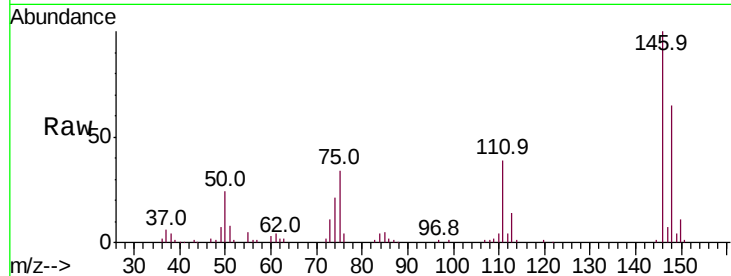
#13
 1,4-Dichlorobenzene
 Concen: 40.902 ng
 RT: 8.10 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BG038695.D
 Acq: 18 Dec 2018 15:22

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-04_121218MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.4	78.6
111	39.4	33.0	49.4

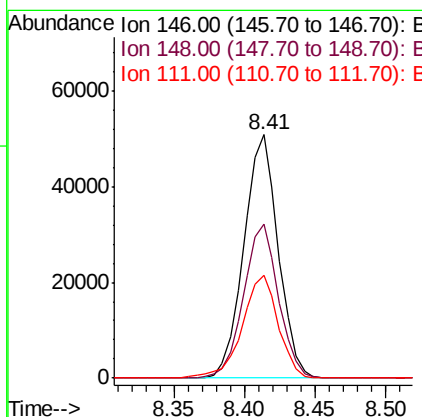
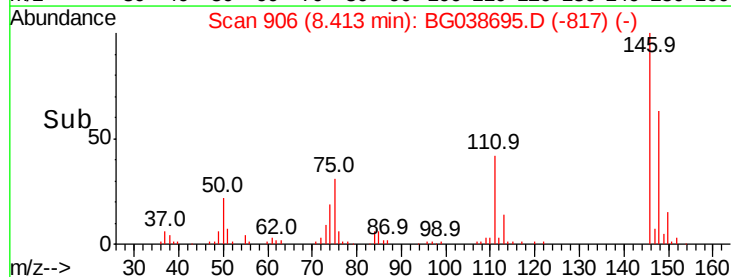
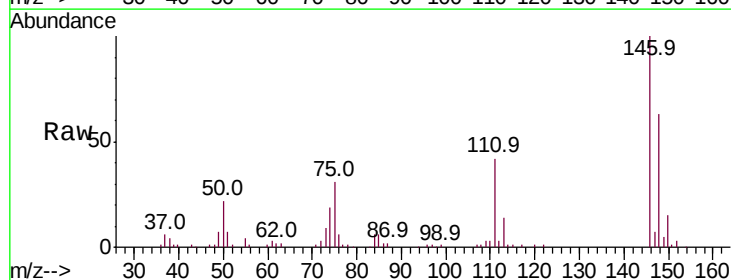
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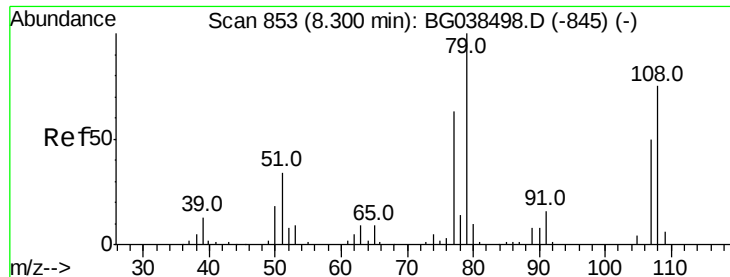
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 42.376 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BG038695.D
 Acq: 18 Dec 2018 15:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	49.4	74.0
111	42.5	33.8	50.6





#15

Benzyl Alcohol

Concen: 30.645 ng

RT: 8.30 min Scan# 887

Delta R.T. 0.00 min

Lab File: BG038695.D

Acq: 18 Dec 2018 15:22

Instrument :

BNA_G

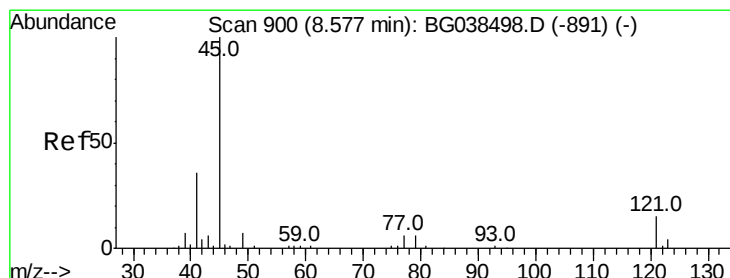
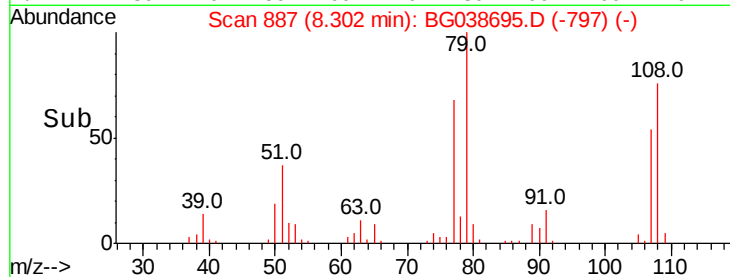
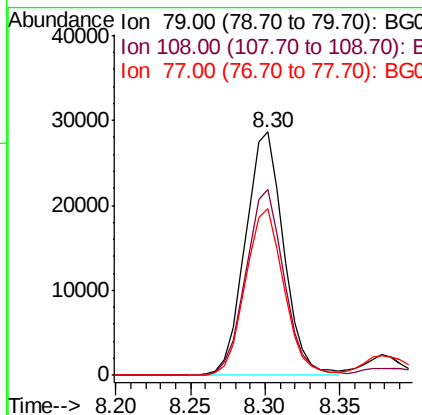
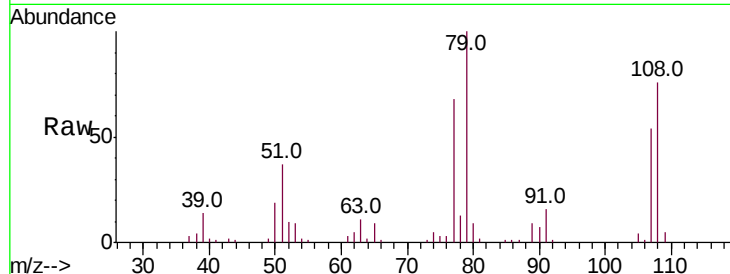
ClientSampleId :

PR-MW-04_121218MSD

Tot Ion:	79	Resp:	50789
Ion Ratio	Lower	Upper	
79	100		
108	76.2	60.2	90.4
77	68.3	50.7	76.1

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.626 ng

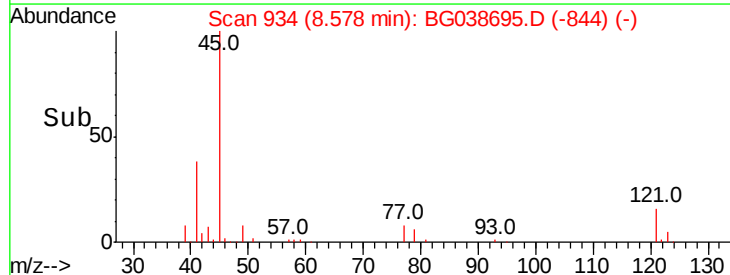
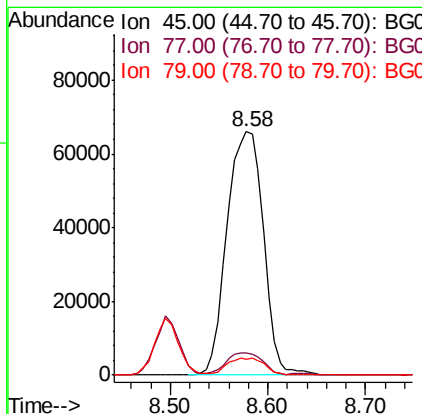
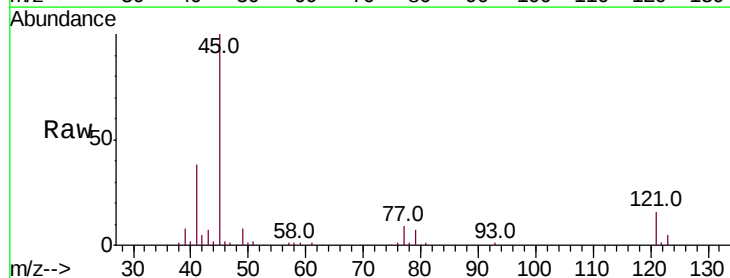
RT: 8.58 min Scan# 934

Delta R.T. 0.00 min

Lab File: BG038695.D

Acq: 18 Dec 2018 15:22

Tgt Ion:	45	Resp:	171255
Ion Ratio	Lower	Upper	
45	100		
77	9.0	0.0	28.2
79	6.5	0.0	27.2





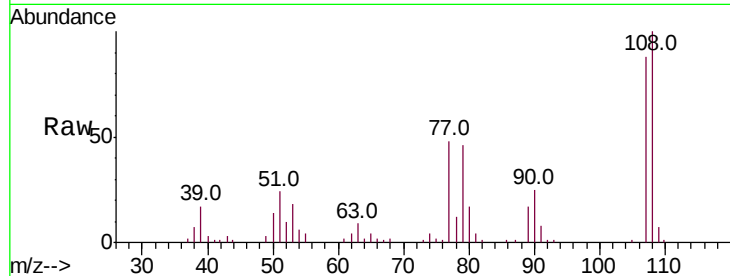
#17
2-Methylphenol
Concen: 33.825 ng
RT: 8.50 min Scan# 920
Delta R.T. 0.00 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.0	87.1	130.7
77	54.9	42.0	63.0
79	52.8	38.2	57.2

Manual Integrations
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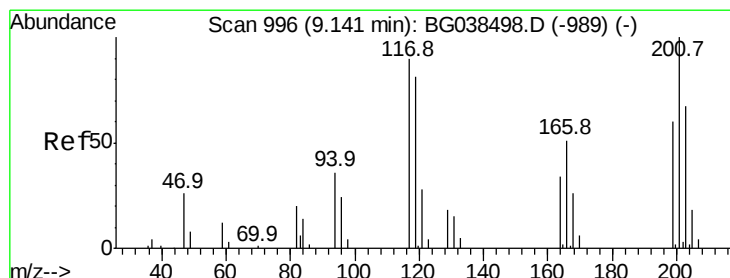
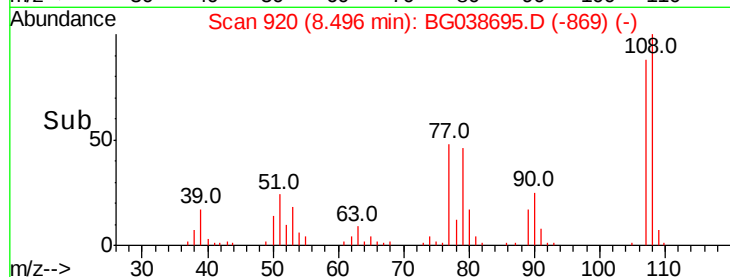
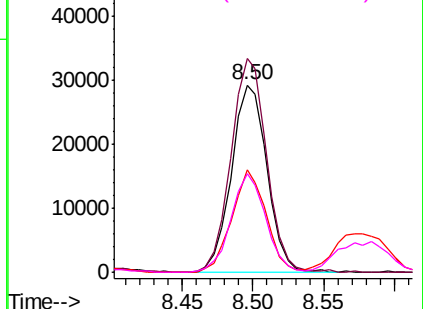
Abundance

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: 39.903 ng
RT: 9.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

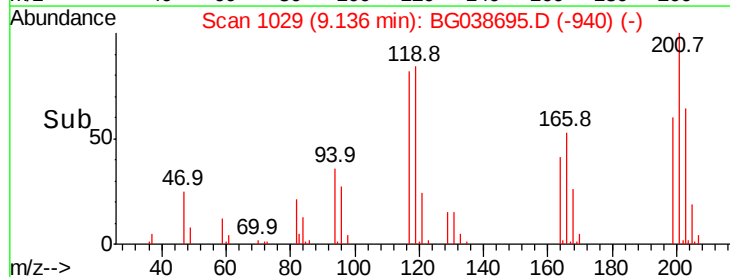
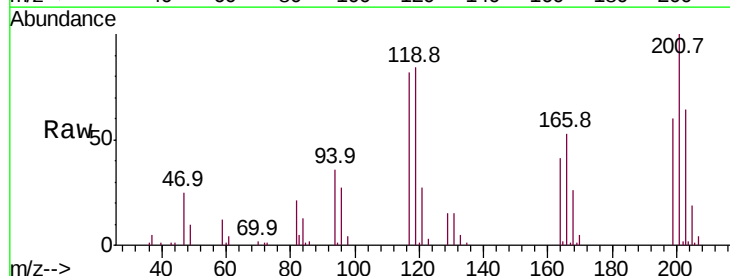
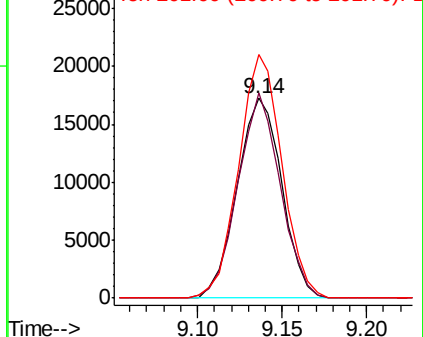
Tgt Ion	Ratio	Lower	Upper
117	100		
119	102.7	73.8	110.8
201	122.0	89.4	134.0

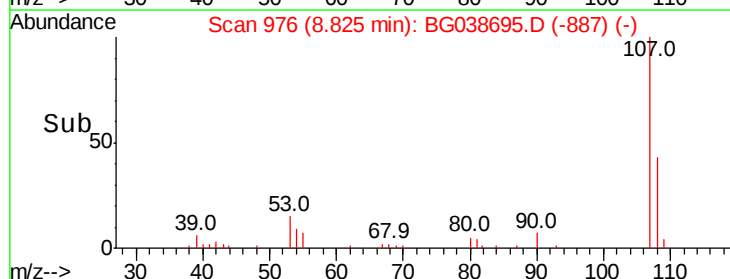
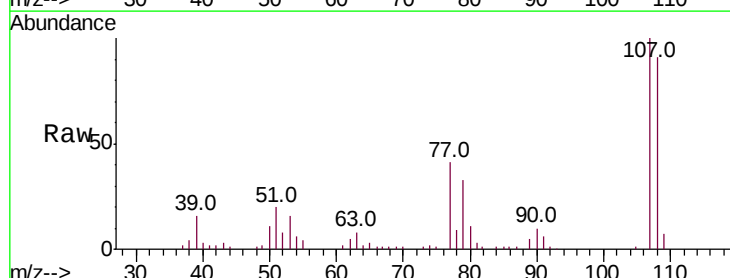
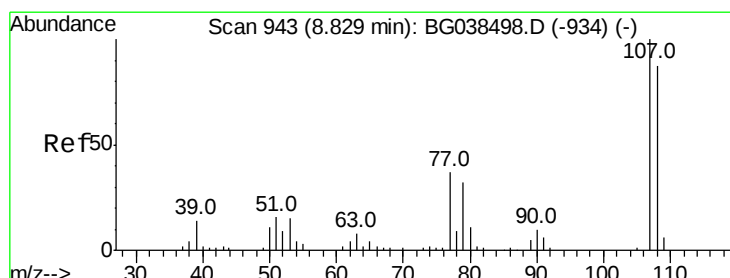
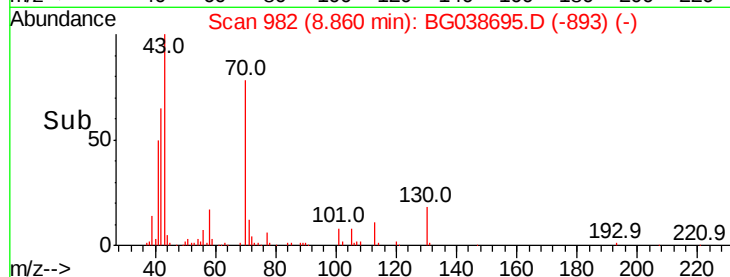
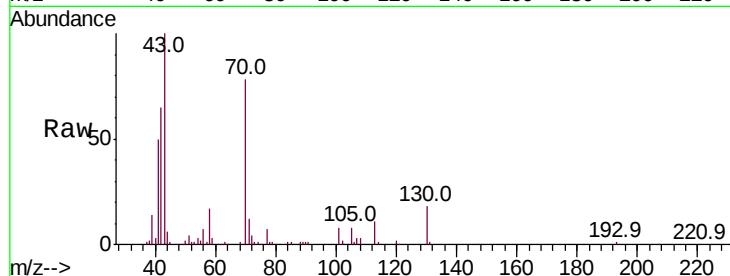
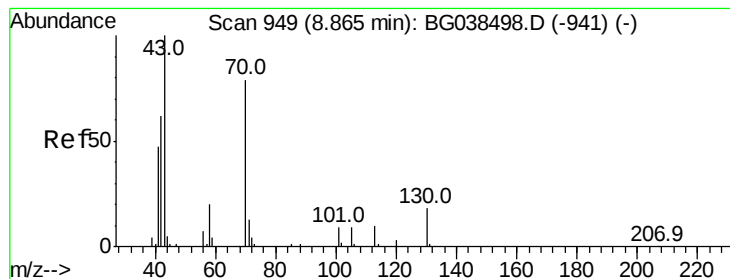
Abundance

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: 45.253 ng

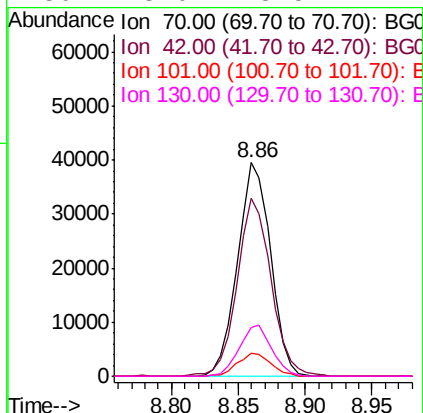
RT: 8.86 min Scan# 982

Delta R.T. -0.00 min

Lab File: BG038695.D

Acq: 18 Dec 2018 15:22

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	83.1	63.6	95.4	
101	10.7	9.2	13.8	
130	23.0	18.5	27.7	



Instrument :

BNA_G

ClientSampleId :

PR-MW-04_121218MSD

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#20

3+4-Methylphenols

Concen: 30.793 ng

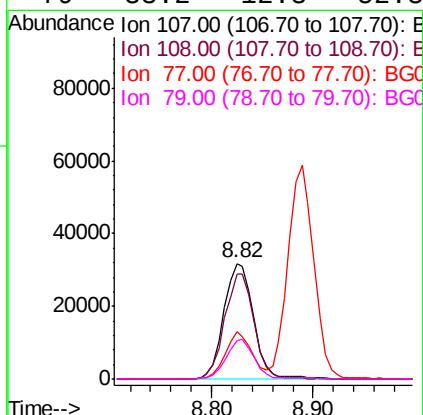
RT: 8.82 min Scan# 976

Delta R.T. -0.00 min

Lab File: BG038695.D

Acq: 18 Dec 2018 15:22

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.0	66.7	106.7	
77	41.4	17.3	57.3	
79	33.2	12.3	52.3	





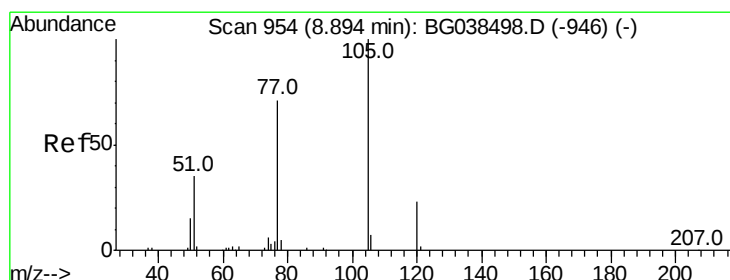
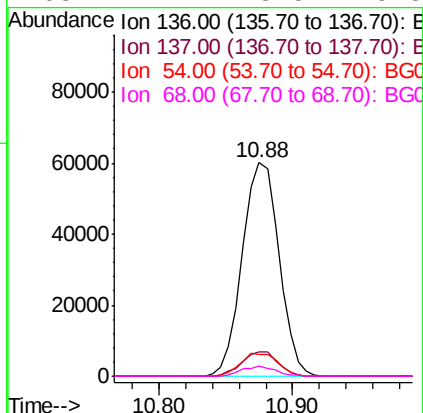
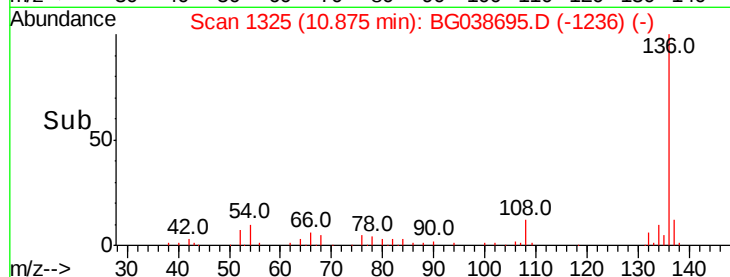
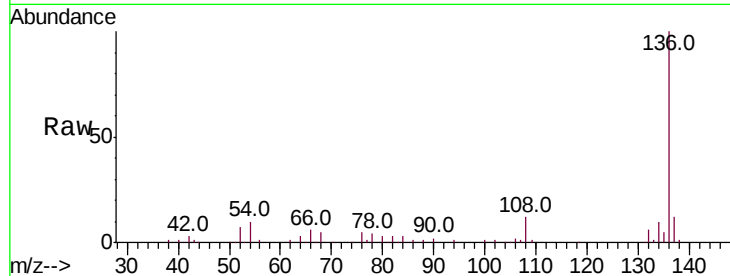
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	114839		
137	11.6	9.3	13.9	
54	10.0	8.5	12.7	
68	4.7	3.5	5.3	

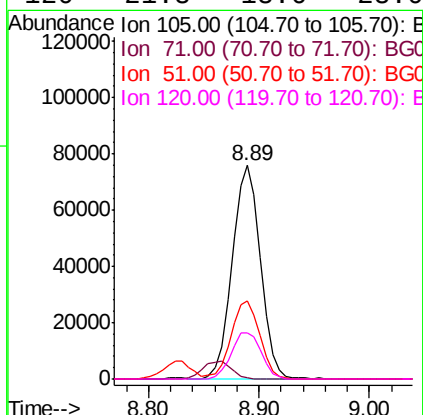
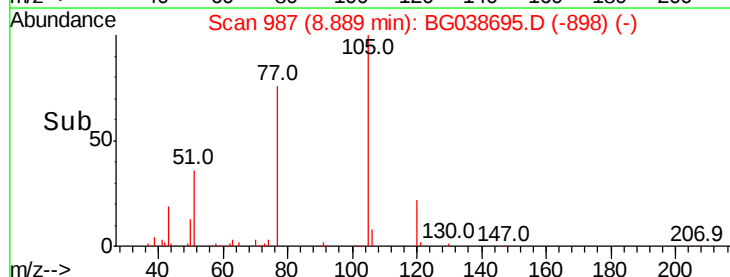
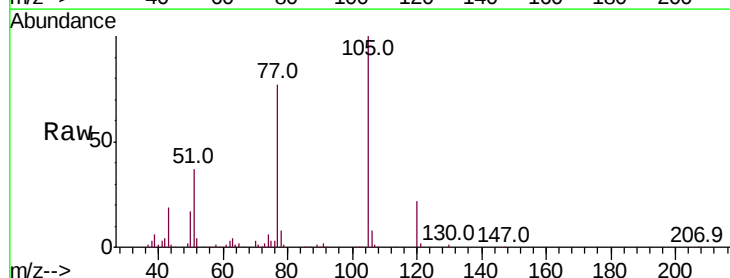
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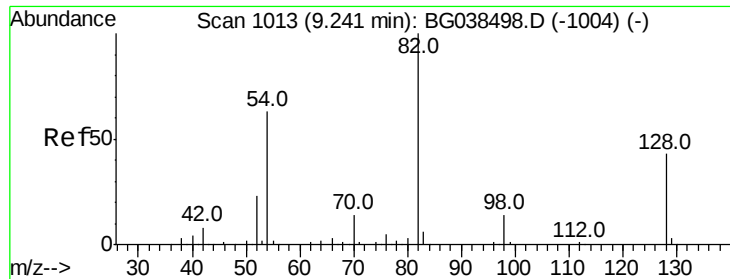
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#22
Acetophenone
Concen: 47.456 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.00 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	136126		
71	0.6	0.4	0.6	
51	36.6	30.6	46.0	
120	21.8	18.6	28.0	





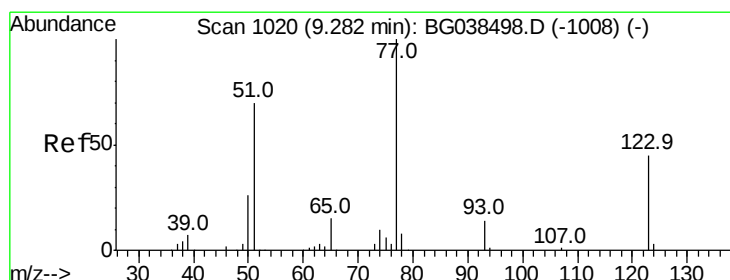
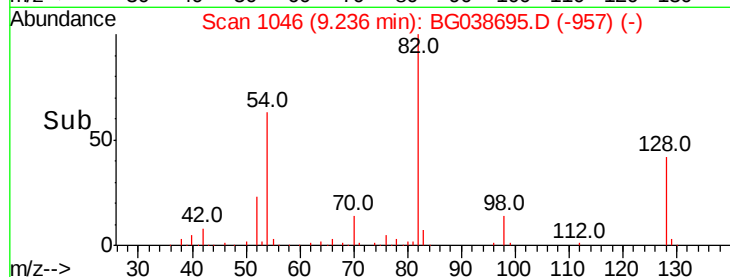
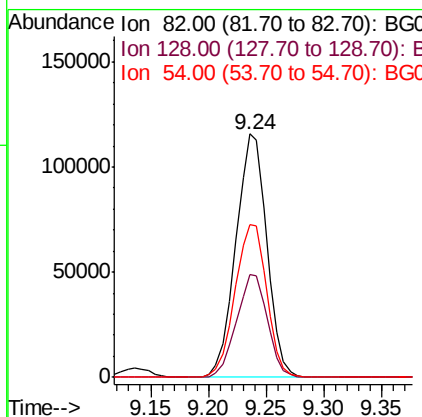
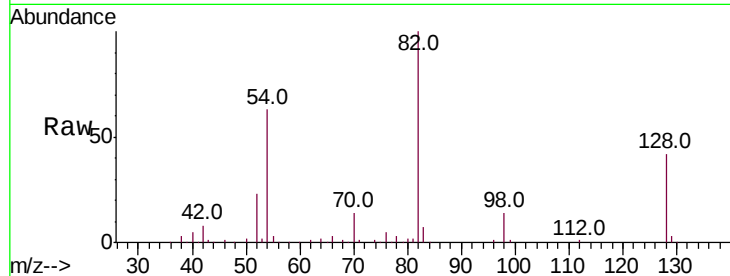
#23
Nitrobenzene-d5
Concen: 95.372 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.2	34.6	52.0
54	62.7	50.6	76.0

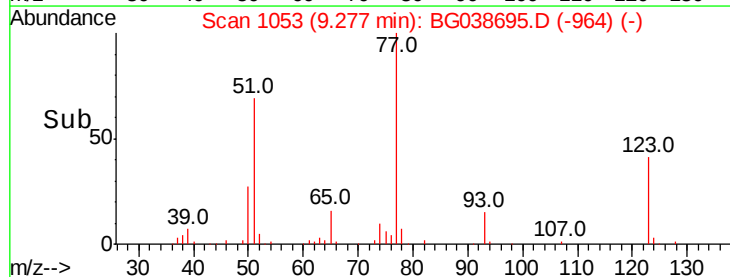
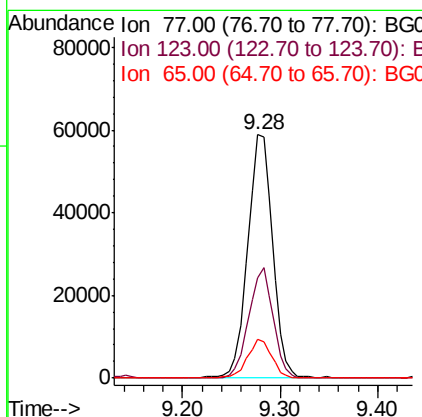
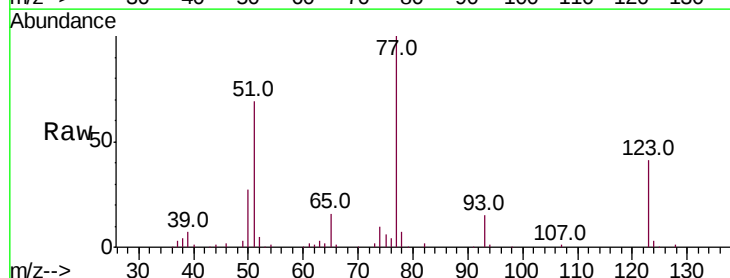
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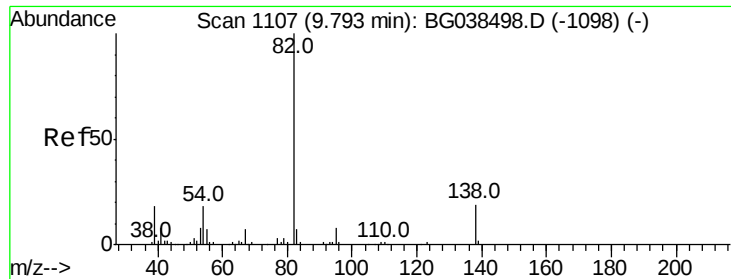
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#24
Nitrobenzene
Concen: 46.116 ng
RT: 9.28 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.1	35.9	53.9
65	16.0	12.0	18.0





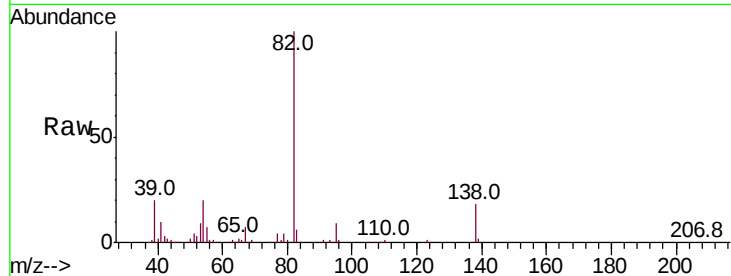
#25
Isophorone
Concen: 47.946 ng
RT: 9.79 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MSD

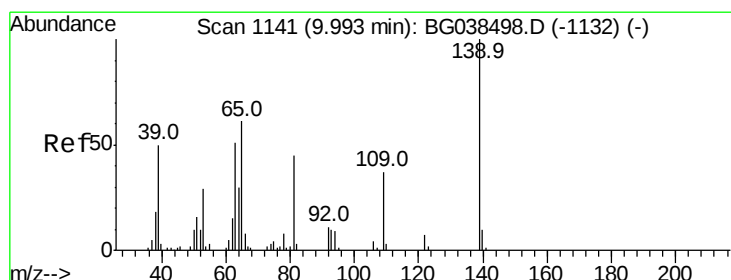
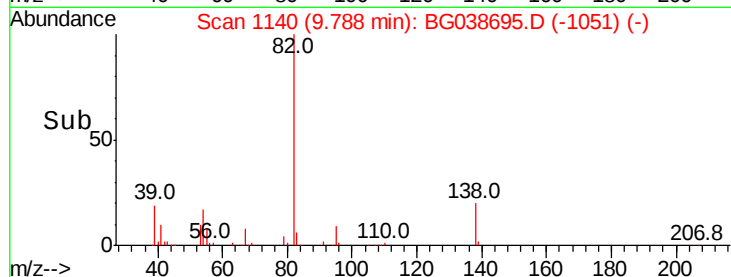
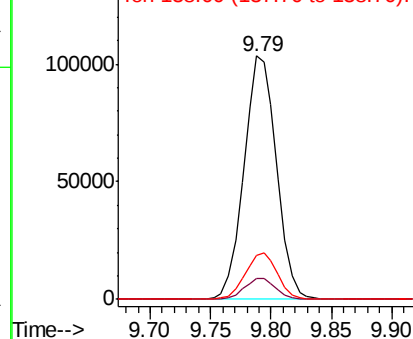
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.7	6.1	9.1	
138	18.1	14.9	22.3	

Manual Integrations
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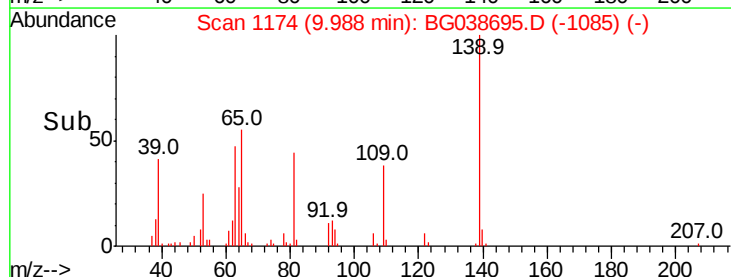
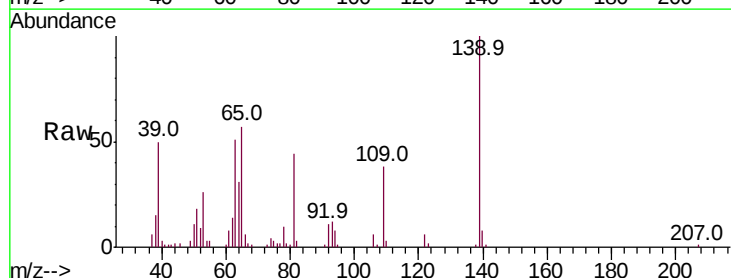
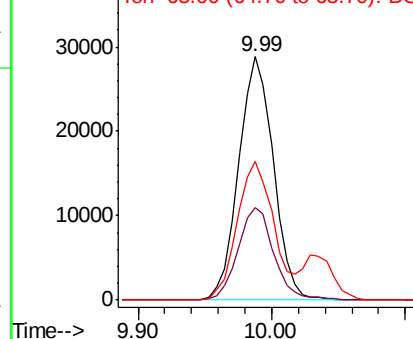
Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

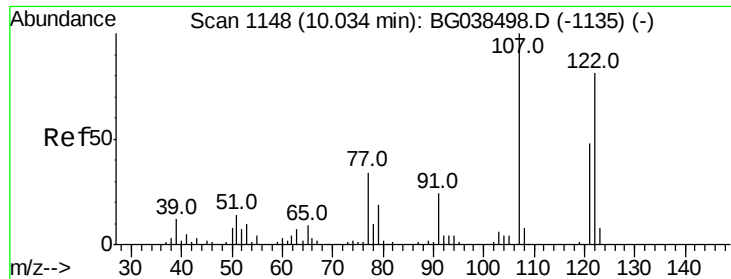


#26
2-Nitrophenol
Concen: 44.586 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	38.2	29.5	44.3	
65	57.0	48.5	72.7	

Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





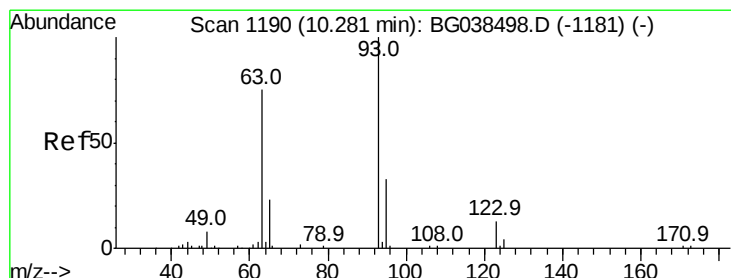
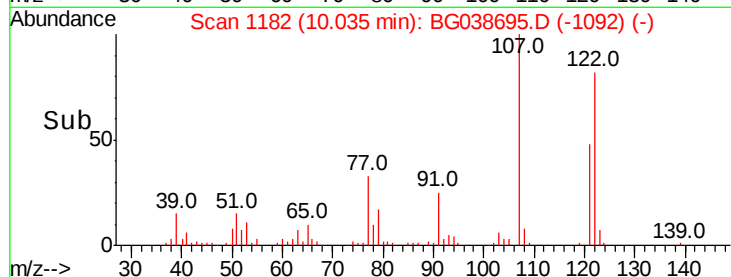
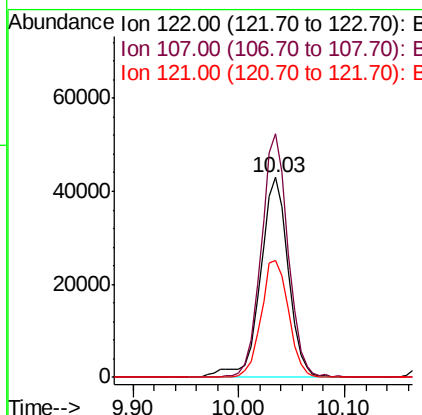
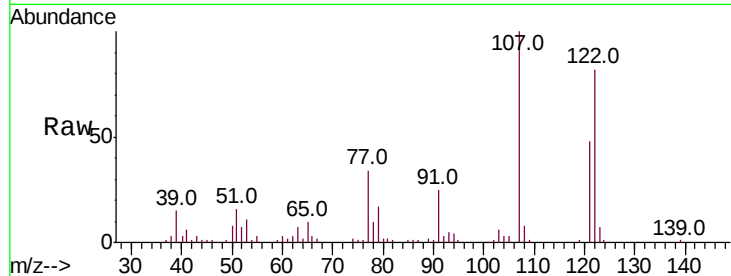
#27
 2,4-Dimethylphenol
 Concen: 47.420 ng
 RT: 10.03 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BG038695.D
 Acq: 18 Dec 2018 15:22

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-04_121218MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.8	98.4	147.6
121	58.7	47.2	70.8

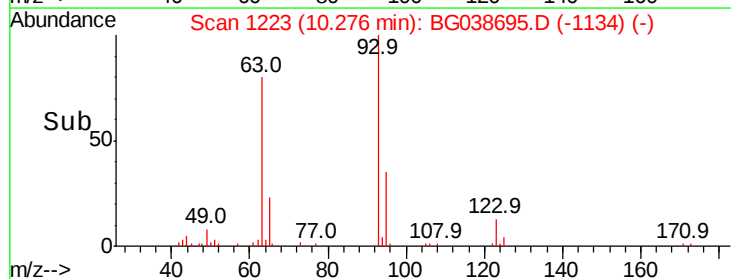
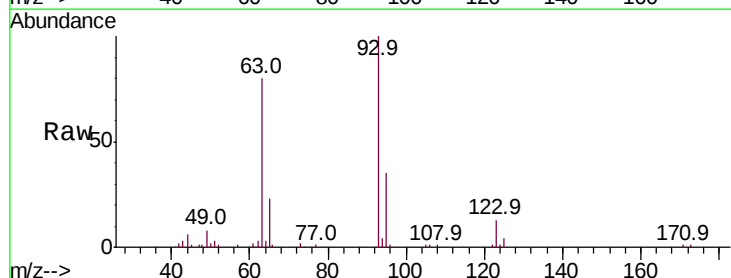
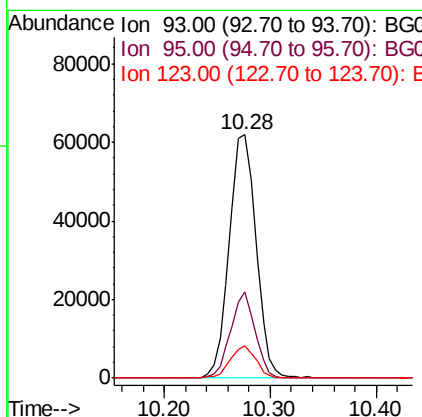
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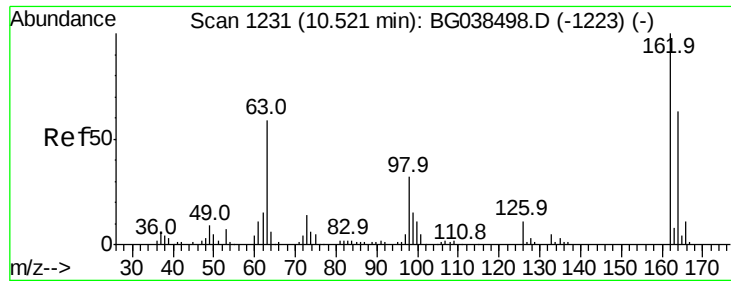
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 47.801 ng
 RT: 10.28 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: BG038695.D
 Acq: 18 Dec 2018 15:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	35.1	26.6	40.0
123	13.1	10.6	16.0





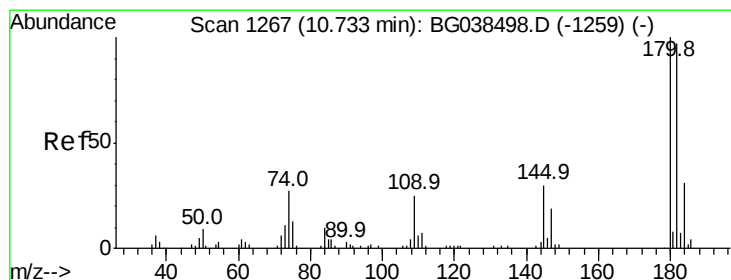
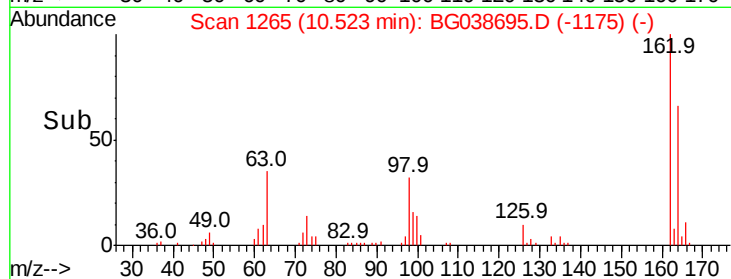
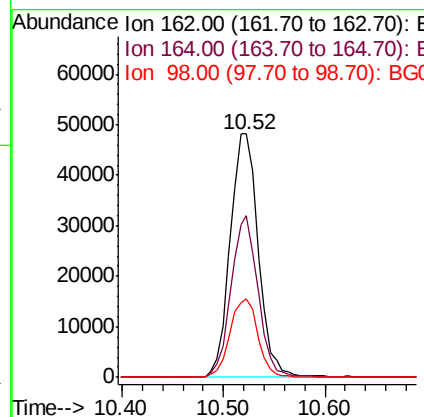
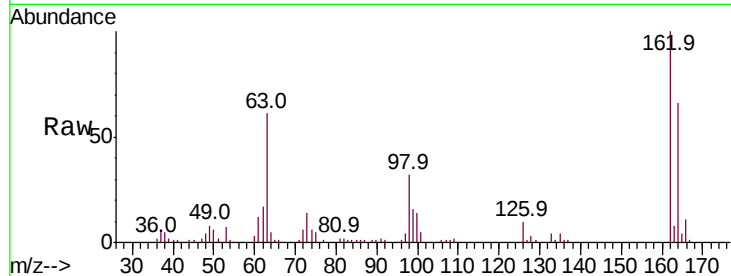
#29
 2,4-Dichlorophenol
 Concen: 50.154 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. 0.00 min
 Lab File: BG038695.D
 Acq: 18 Dec 2018 15:22

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-04_121218MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	66.3	42.9	82.9	
98	32.1	12.1	52.1	

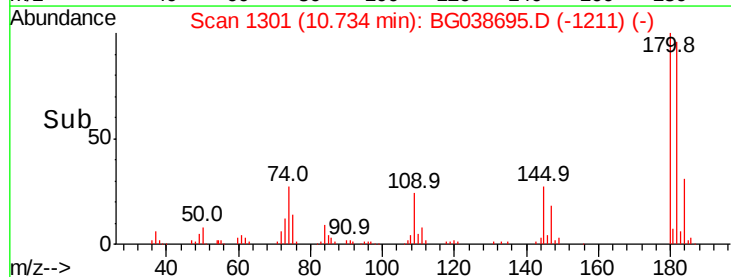
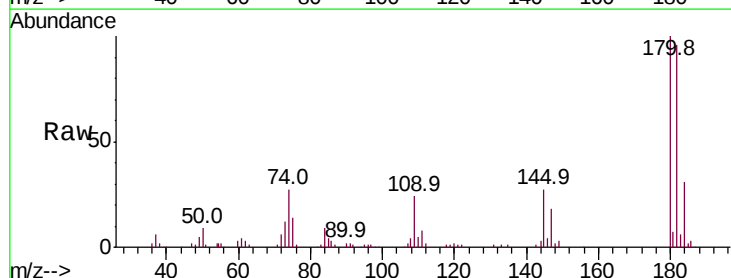
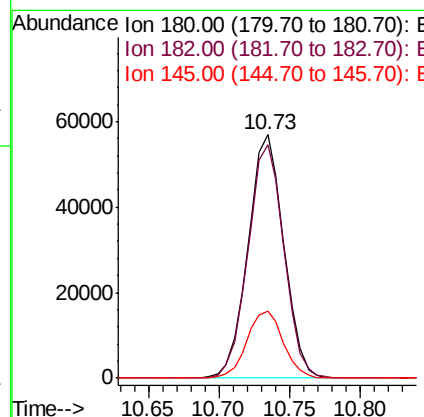
Manual Integrations
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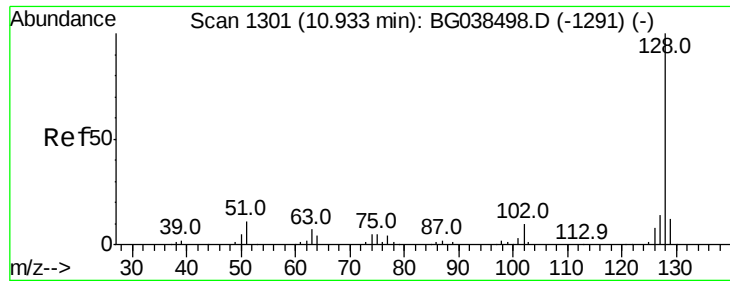
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 45.100 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BG038695.D
 Acq: 18 Dec 2018 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.0	77.4	116.0	
145	27.3	24.1	36.1	





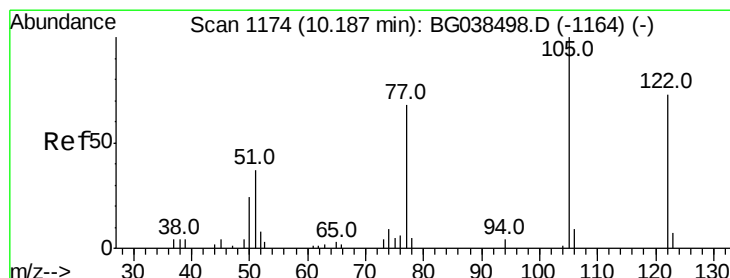
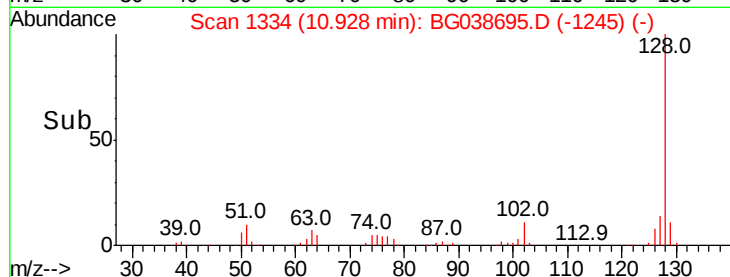
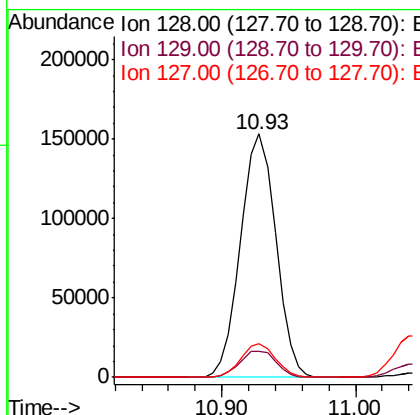
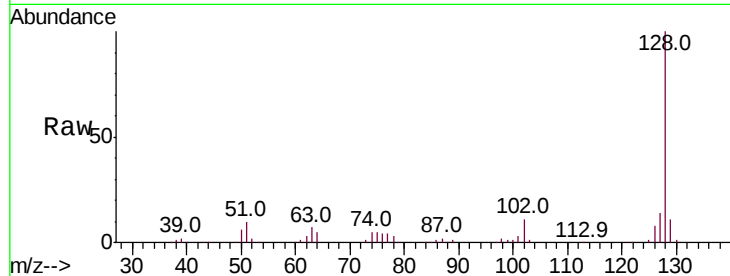
#31
Naphthalene
Concen: 49.712 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.5	14.3
127	13.7	10.9	16.3

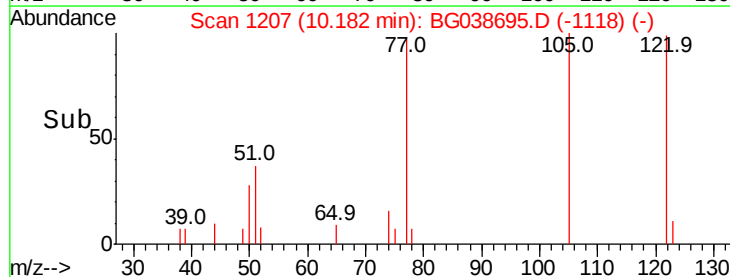
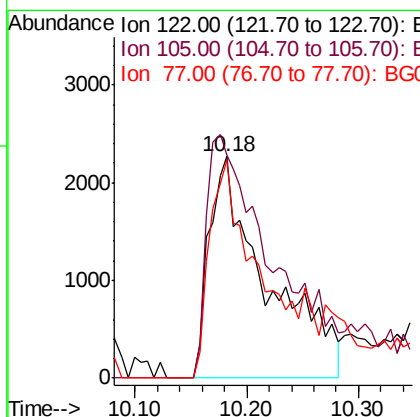
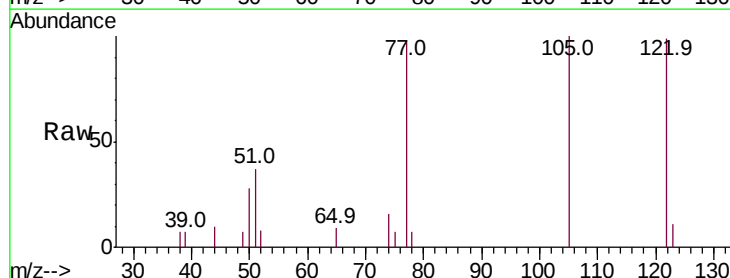
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#32
Benzoic acid
Concen: 16.216 ng m
RT: 10.18 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

Tgt Ion	Ratio	Lower	Upper
122	100		
105	100.9	116.7	156.7#
77	98.2	72.5	112.5





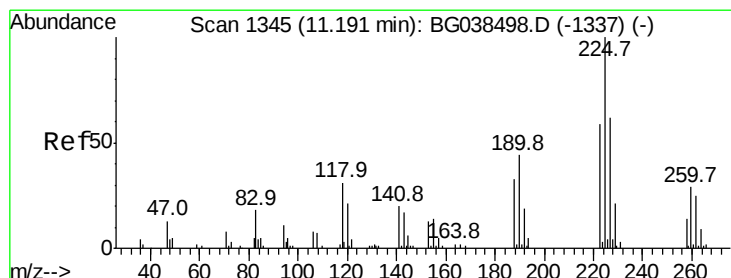
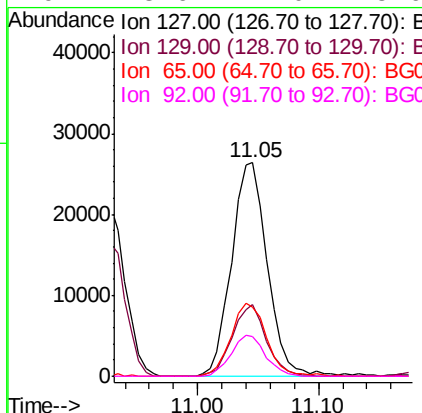
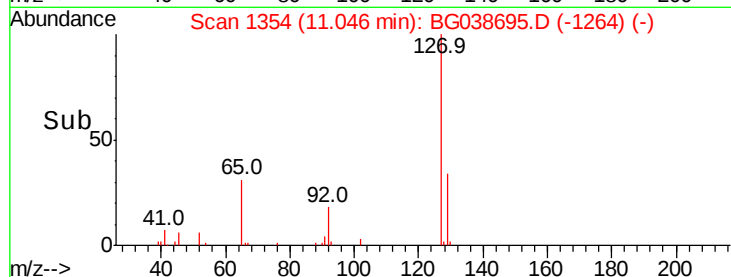
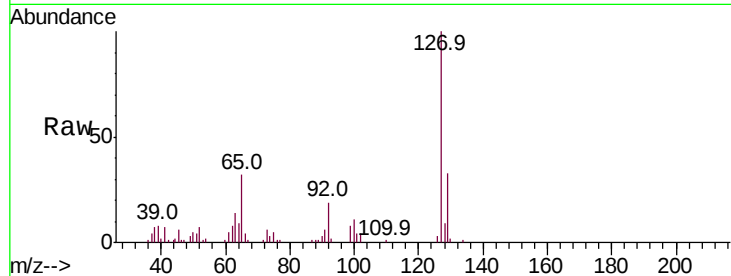
#33
4-Chloroaniline
Concen: 22.222 ng
RT: 11.05 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.5	25.8	38.8	
65	32.3	27.8	41.6	
92	18.6	17.0	25.6	

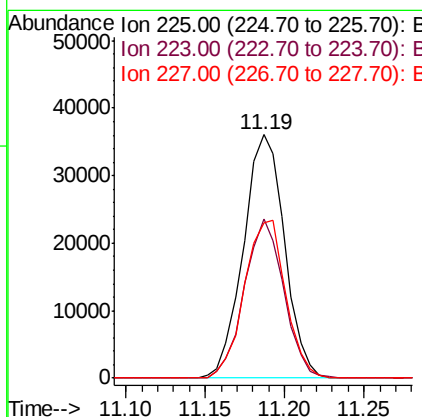
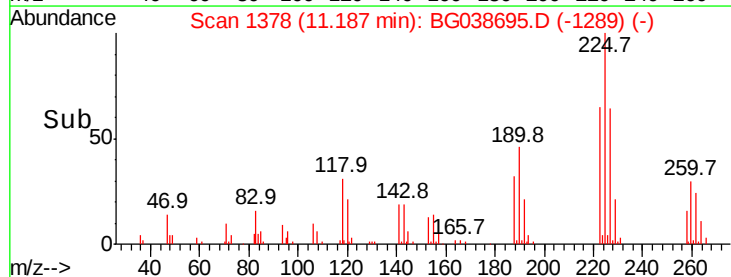
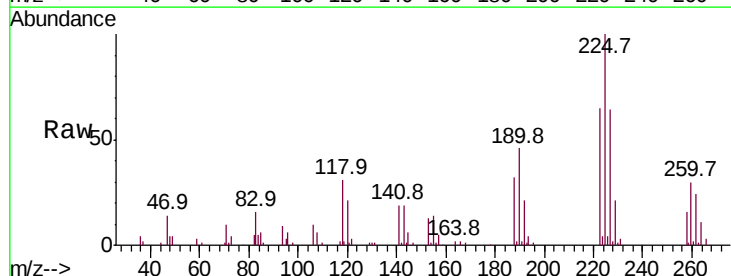
Manual Integrations
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#34
Hexachlorobutadiene
Concen: 42.857 ng
RT: 11.19 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	66.3	45.0	67.6	
227	63.5	50.6	75.8	





#35

Caprolactam

Concen: 6.482 ng

RT: 11.84 min Scan# 1489

Delta R.T. 0.01 min

Lab File: BG038695.D

Acq: 18 Dec 2018 15:22

Instrument :

BNA_G

ClientSampleId :

PR-MW-04_121218MSD

Tot Ion:113 Resp: 4978

Ion Ratio Lower Upper

113 100

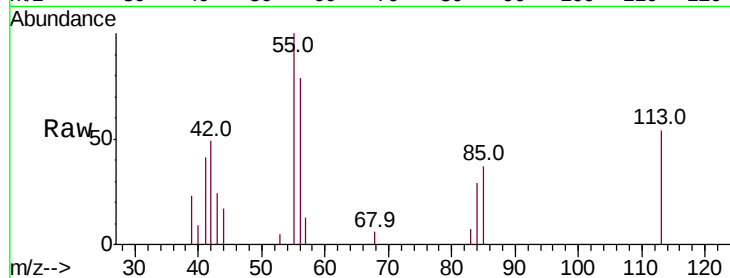
55 185.7 204.3 244.3#

56 147.4 135.0 175.0

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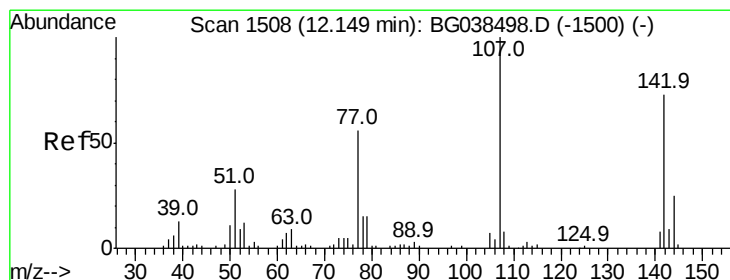
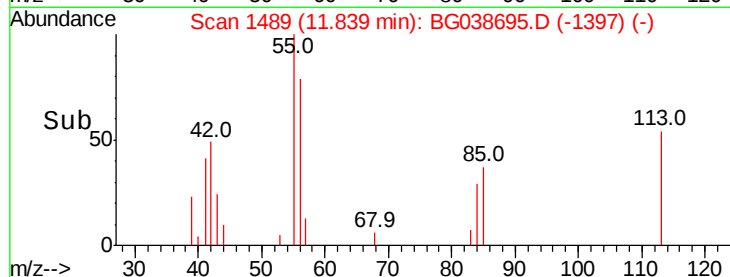
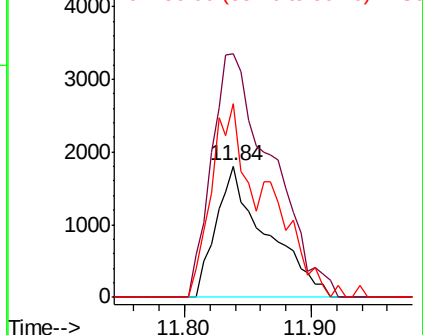
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGO

Ion 56.00 (55.70 to 56.70): BGO



#36

4-Chloro-3-methylphenol

Concen: 43.999 ng

RT: 12.15 min Scan# 1542

Delta R.T. 0.00 min

Lab File: BG038695.D

Acq: 18 Dec 2018 15:22

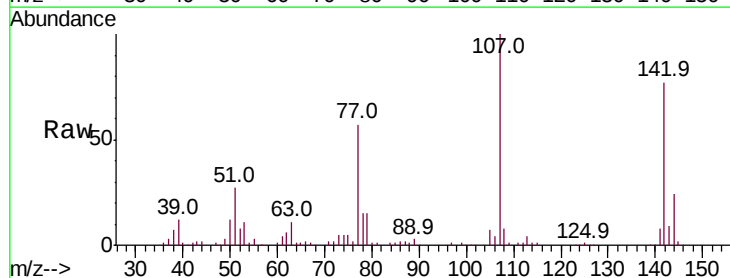
Tgt Ion:107 Resp: 93174

Ion Ratio Lower Upper

107 100

144 24.2 20.1 30.1

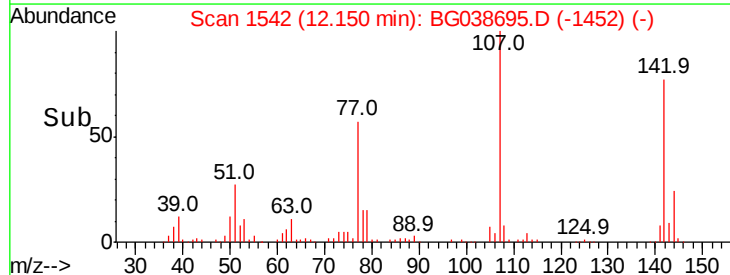
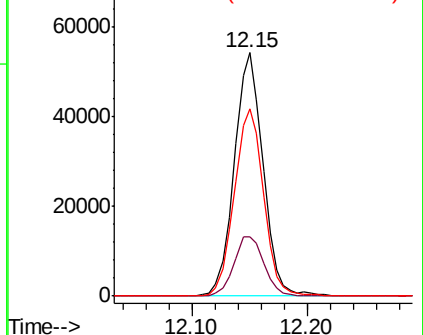
142 77.1 58.7 88.1

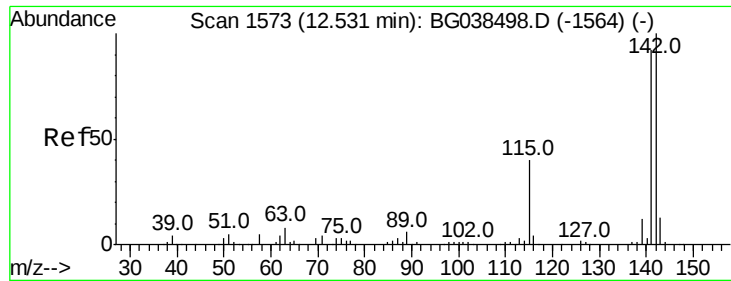


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





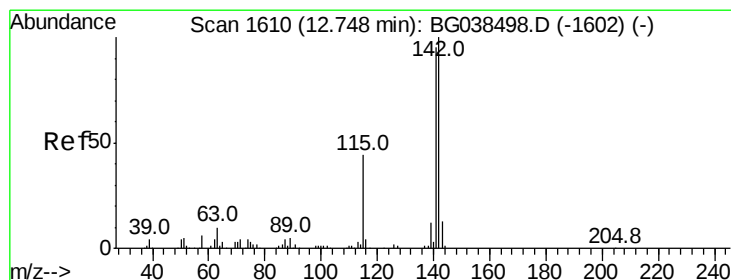
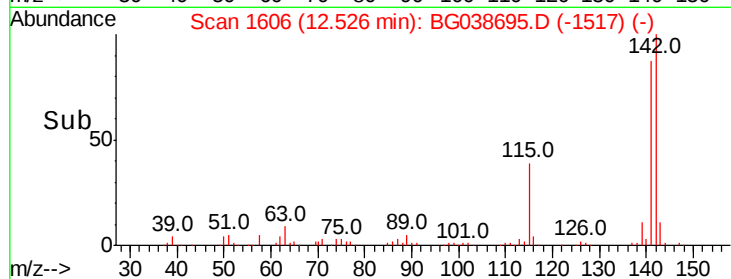
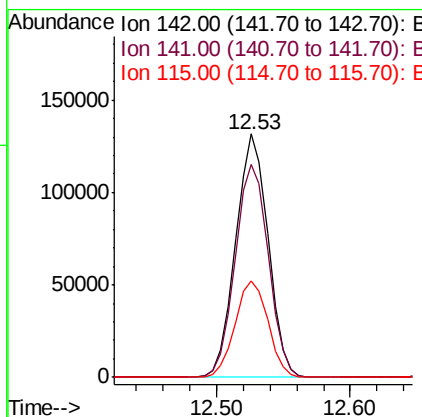
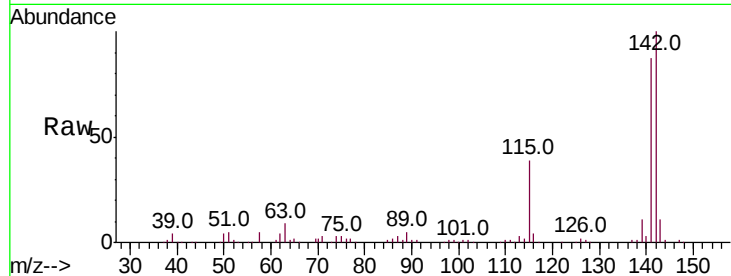
#37
2-Methylnaphthalene
Concen: 54.729 ng
RT: 12.53 min Scan# 1606
Delta R.T. -0.00 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.4	73.5	110.3
115	39.4	31.7	47.5

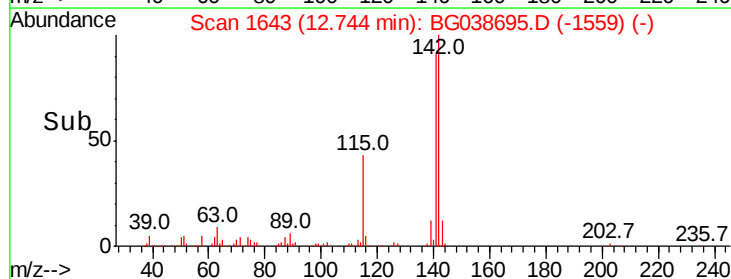
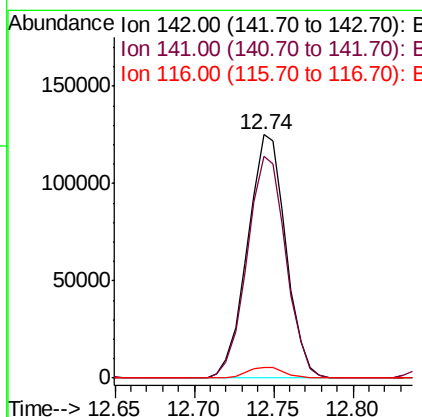
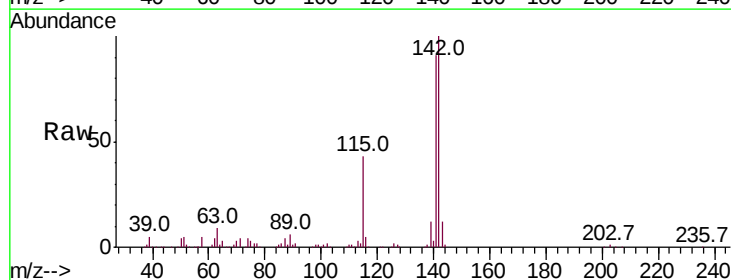
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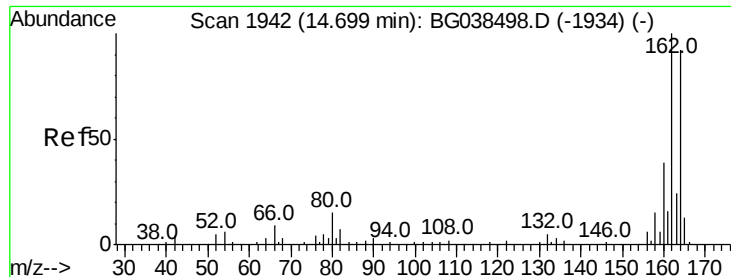
Sohil
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#38
1-Methylnaphthalene
Concen: 53.706 ng
RT: 12.74 min Scan# 1643
Delta R.T. -0.00 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	75.8	113.8
116	4.6	3.6	5.4





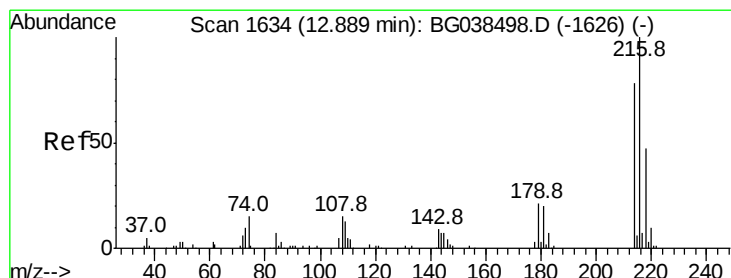
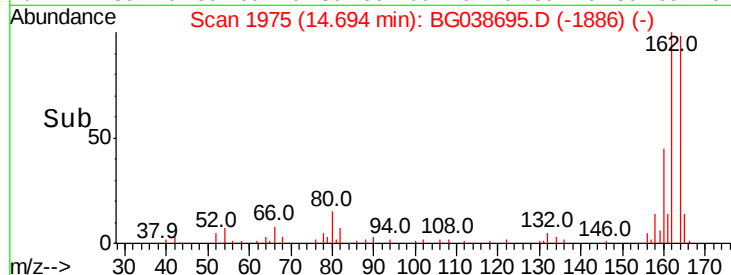
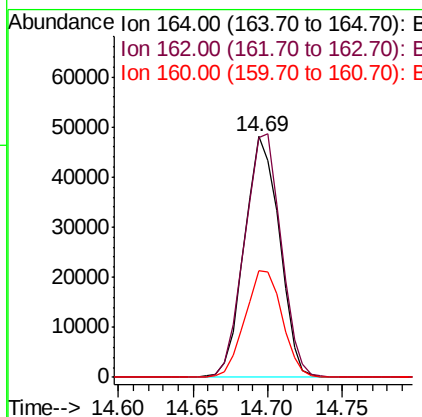
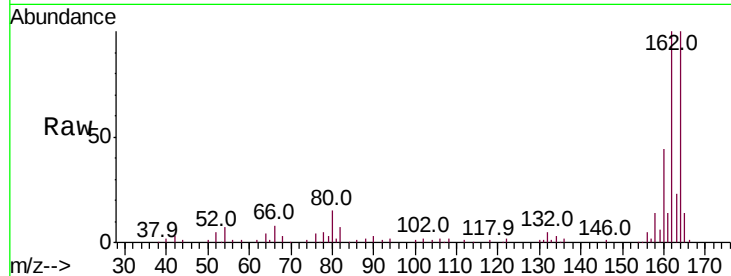
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: BG038695.D
 Acq: 18 Dec 2018 15:22

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-04_121218MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.8	86.6	130.0
160	44.4	34.2	51.2

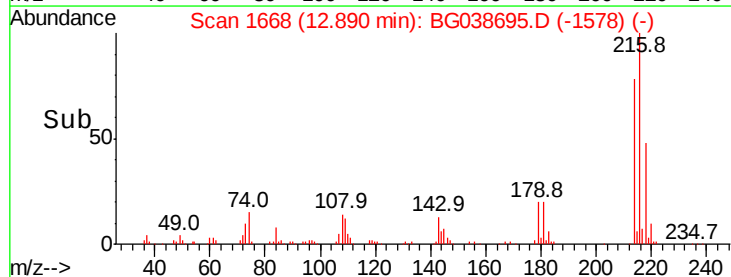
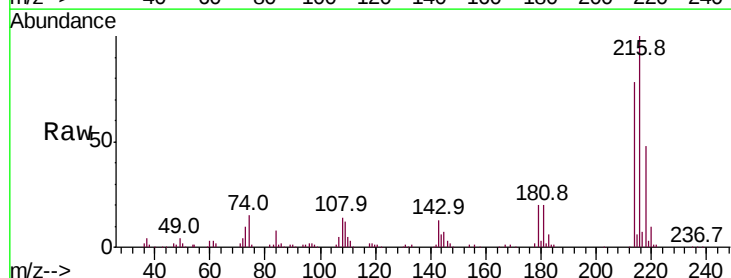
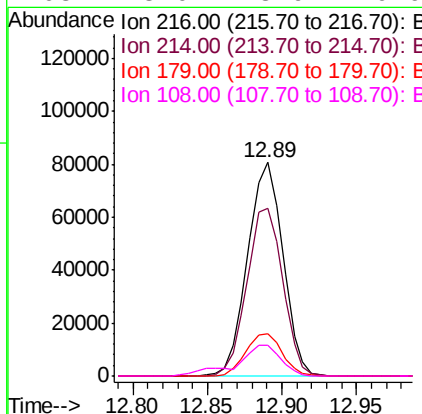
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.124 ng
 RT: 12.89 min Scan# 1668
 Delta R.T. 0.00 min
 Lab File: BG038695.D
 Acq: 18 Dec 2018 15:22

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.9	64.1	96.1
179	20.4	16.4	24.6
108	18.0	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 92.300 ng

RT: 12.86 min Scan# 1662

Delta R.T. -0.00 min

Lab File: BG038695.D

Acq: 18 Dec 2018 15:22

Instrument :

BNA_G

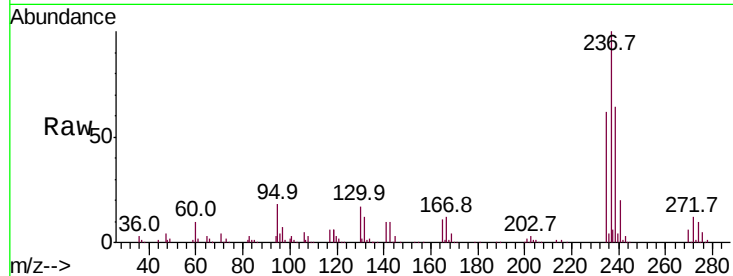
ClientSampleId :

PR-MW-04_121218MSD

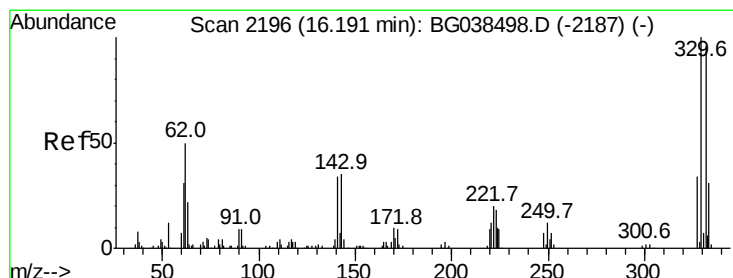
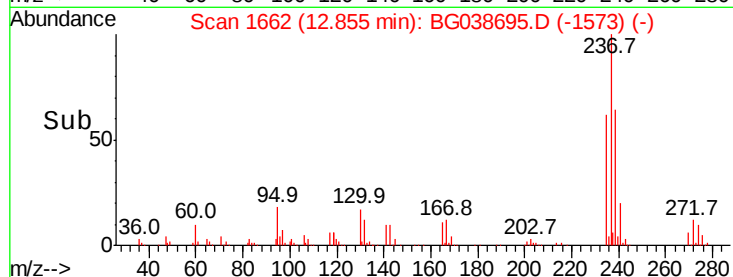
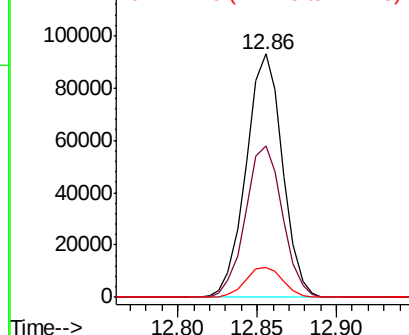
Tot Ion:	237	Resp:	147937
Ion Ratio	Lower	Upper	
237	100		
235	62.4	38.8	78.8
272	12.3	0.0	32.0

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: 155.213 ng

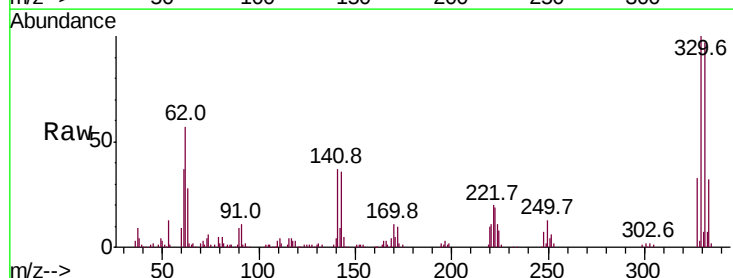
RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

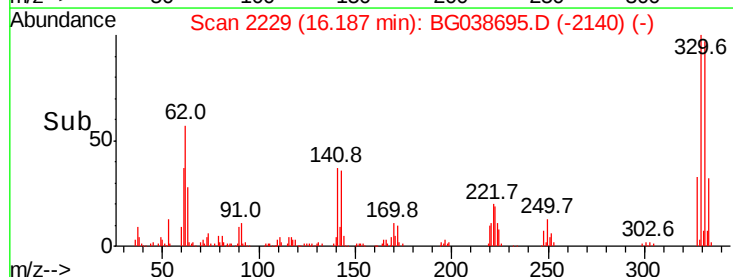
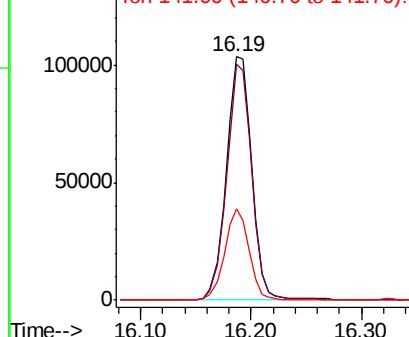
Lab File: BG038695.D

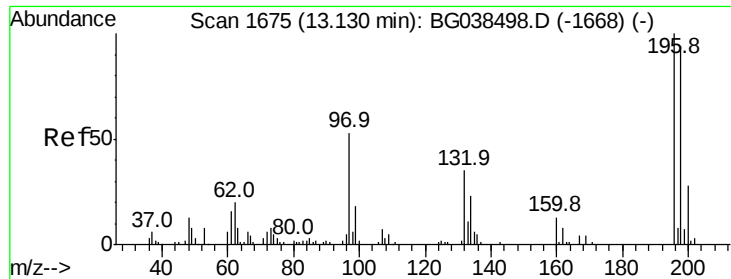
Acq: 18 Dec 2018 15:22

Tgt Ion:	330	Resp:	166951
Ion Ratio	Lower	Upper	
330	100		
332	95.0	76.9	115.3
141	35.6	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





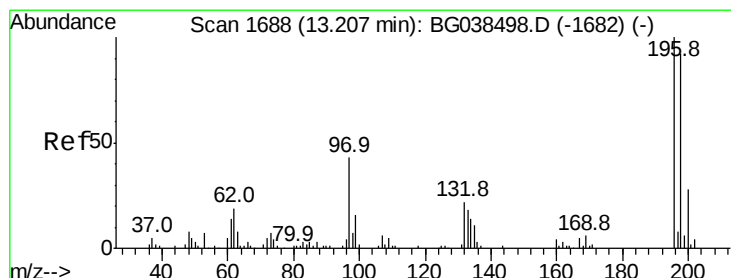
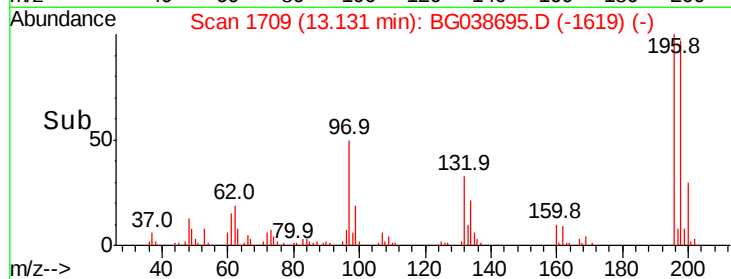
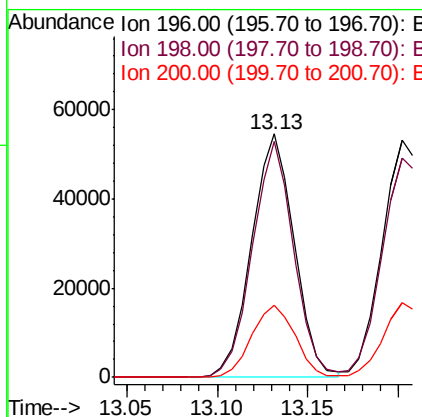
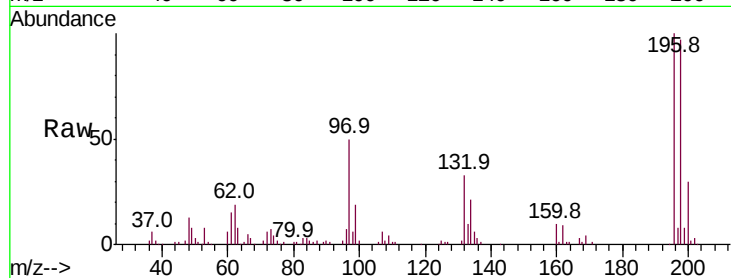
#43
 2,4,6-Trichlorophenol
 Concen: 49.701 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG038695.D
 Acq: 18 Dec 2018 15:22

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-04_121218MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	89152		
198	96.7	75.0	112.4	
200	29.8	22.4	33.6	

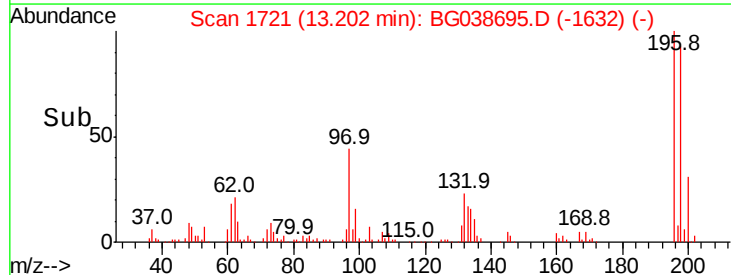
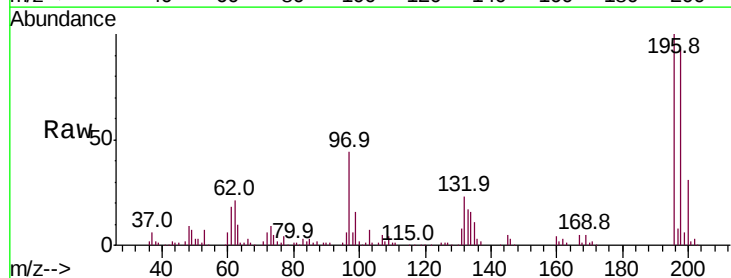
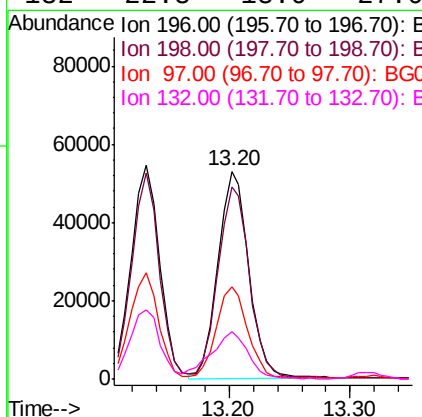
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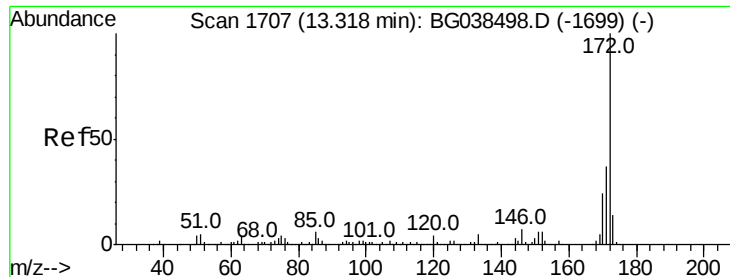
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 49.298 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BG038695.D
 Acq: 18 Dec 2018 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	93627		
198	92.7	74.0	111.0	
97	44.1	35.1	52.7	
132	22.8	18.0	27.0	





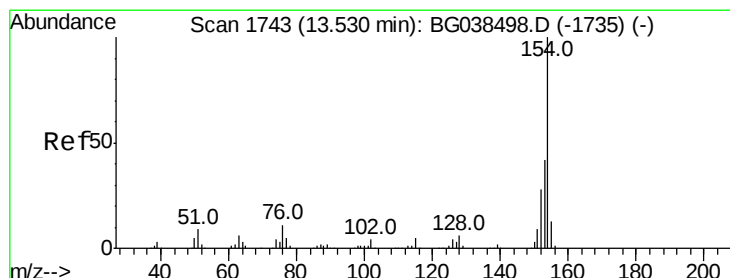
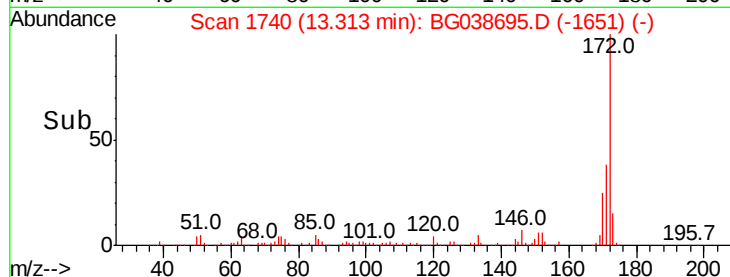
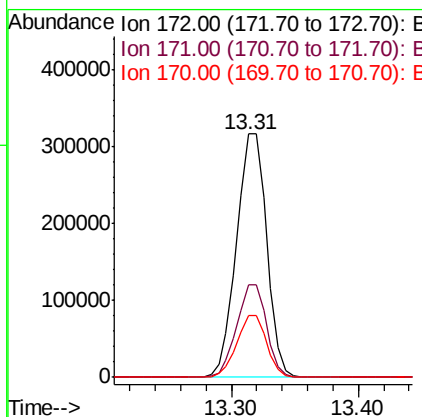
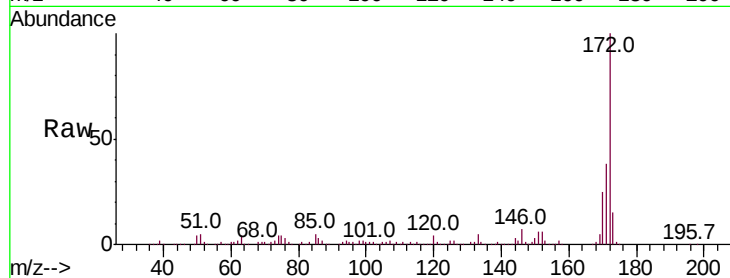
#45
2-Fluorobiphenyl
Concen: 91.790 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.00 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.8	44.6
170	25.4	19.5	29.3

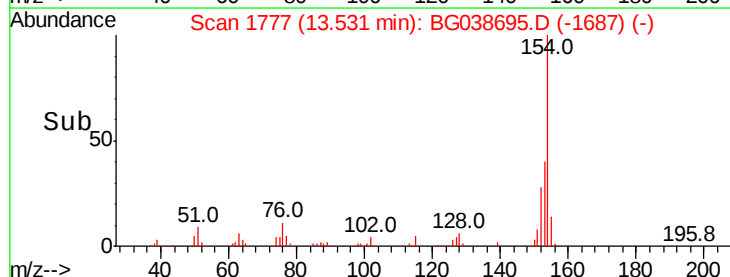
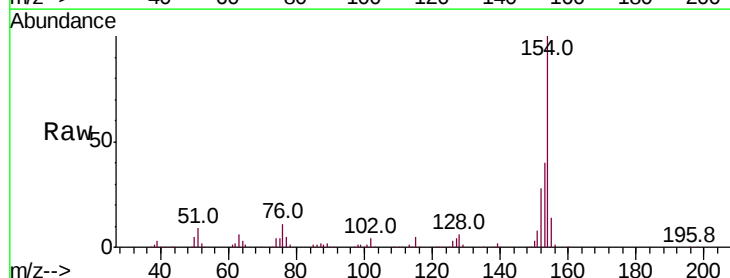
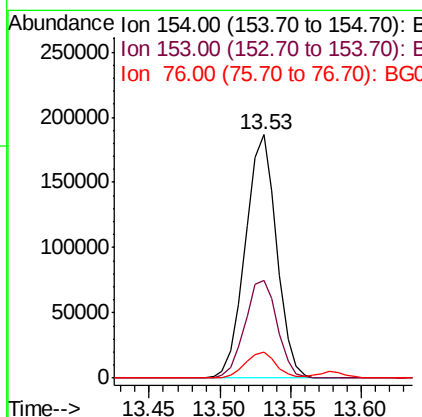
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#46
1,1'-Biphenyl
Concen: 44.214 ng
RT: 13.53 min Scan# 1777
Delta R.T. 0.00 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.0	22.1	62.1
76	10.5	0.0	31.2





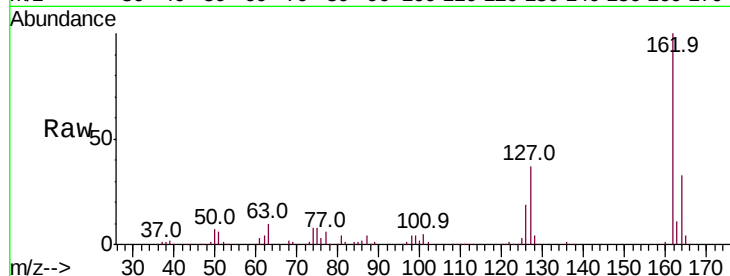
#47
 2-Chloronaphthalene
 Concen: 46.355 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: BG038695.D
 Acq: 18 Dec 2018 15:22

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-04_121218MSD

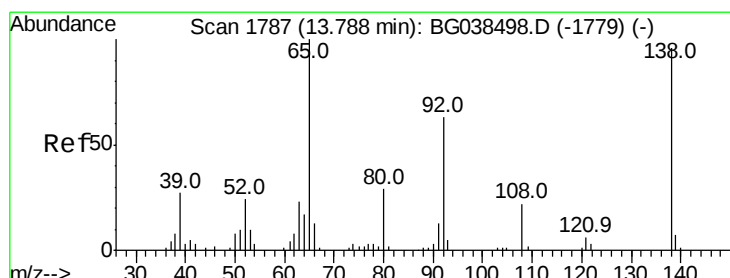
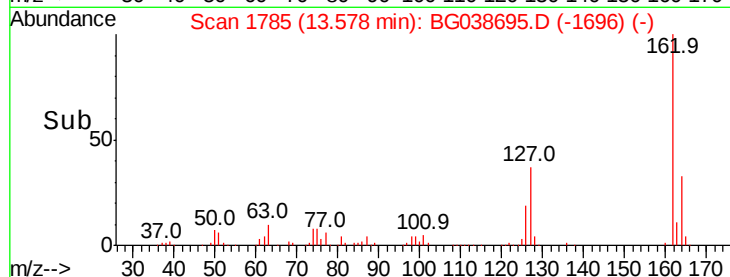
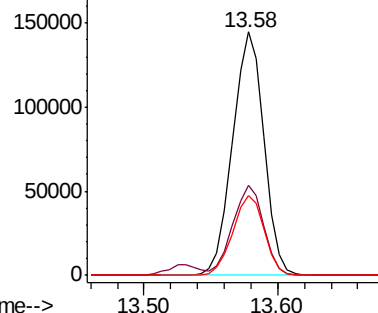
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.1	27.8	41.8
164	32.6	26.9	40.3

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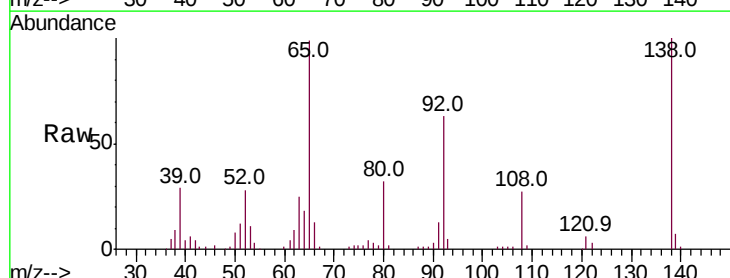


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

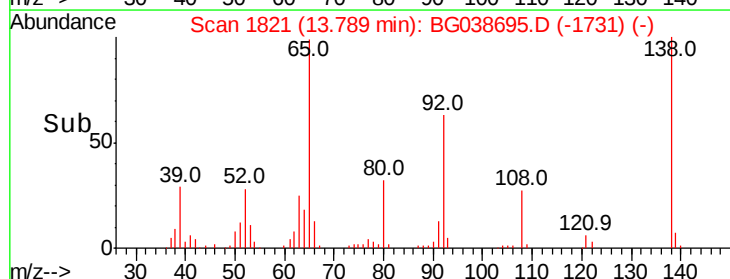
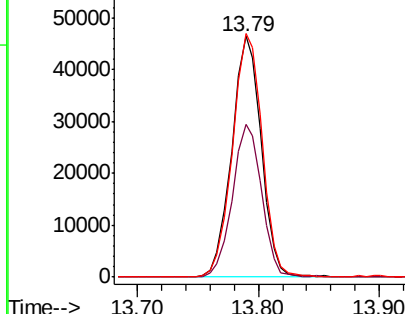


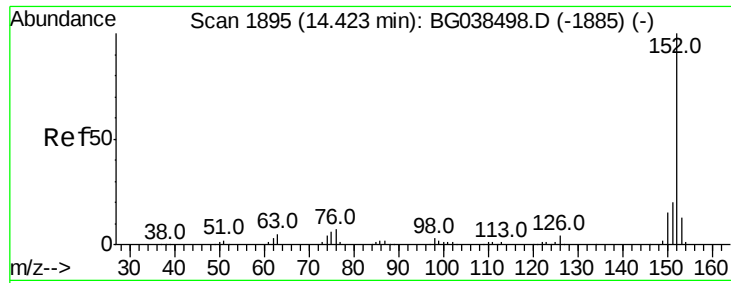
#48
 2-Nitroaniline
 Concen: 49.005 ng
 RT: 13.79 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BG038695.D
 Acq: 18 Dec 2018 15:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.4	50.0	75.0
138	101.1	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: 51.081 ng

RT: 14.42 min Scan# 1929

Delta R.T. 0.00 min

Lab File: BG038695.D

Acq: 18 Dec 2018 15:22

Instrument :

BNA_G

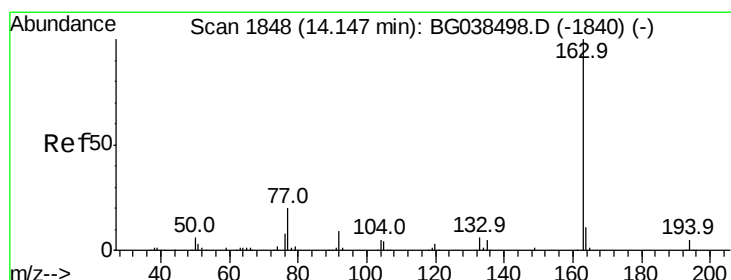
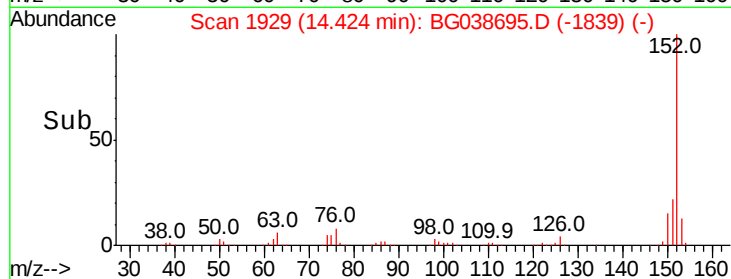
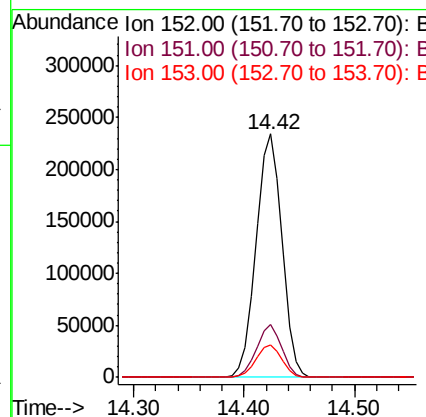
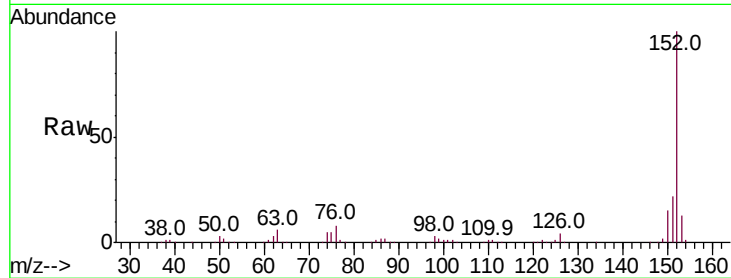
ClientSampleId :

PR-MW-04_121218MSD

Tot Ion:	152	Resp:	385941
Ion Ratio	Lower	Upper	
152	100		
151	21.5	16.4	24.6
153	13.2	10.4	15.6

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#50

Dimethylphthalate

Concen: 49.356 ng

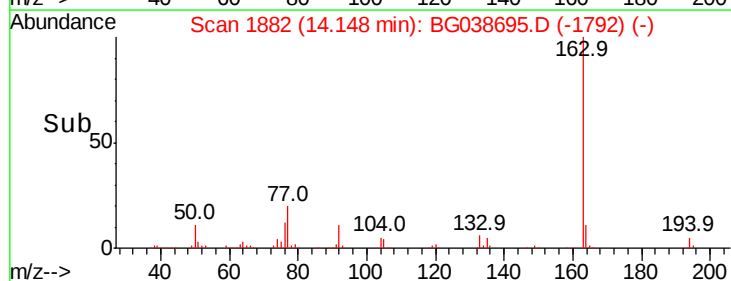
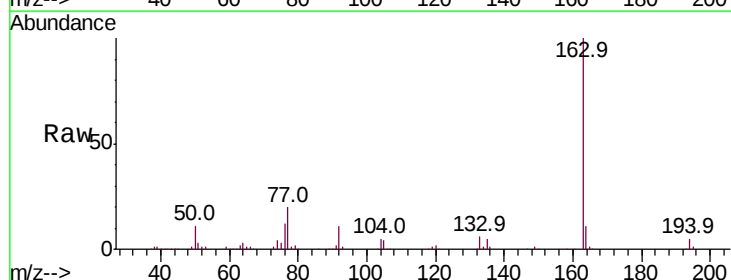
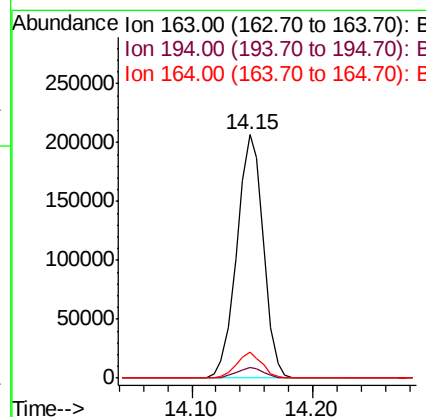
RT: 14.15 min Scan# 1882

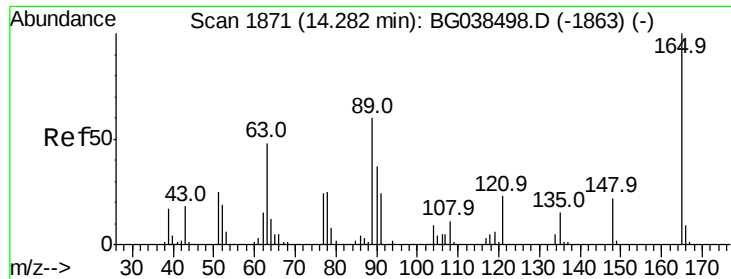
Delta R.T. 0.00 min

Lab File: BG038695.D

Acq: 18 Dec 2018 15:22

Tgt Ion:	163	Resp:	314574
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.7	5.5
164	10.6	8.6	12.8





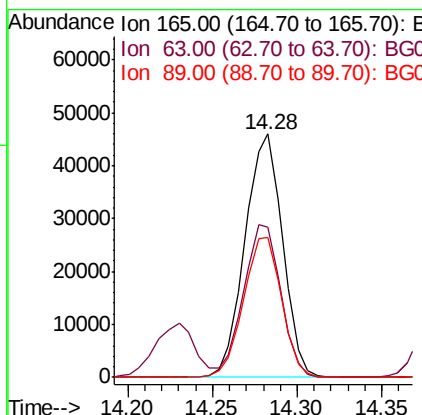
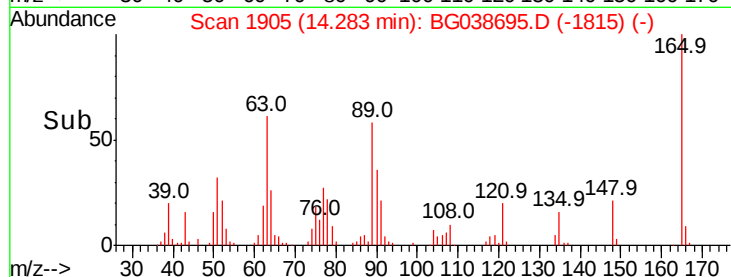
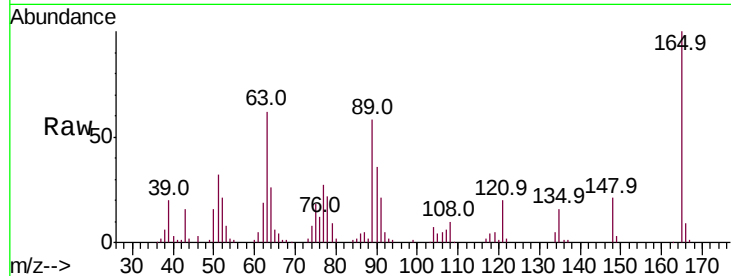
#51
2,6-Dinitrotoluene
Concen: 49.282 ng
RT: 14.28 min Scan# 1905
Delta R.T. 0.00 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	71181		
63	61.5	51.8	77.6	
89	57.7	47.9	71.9	

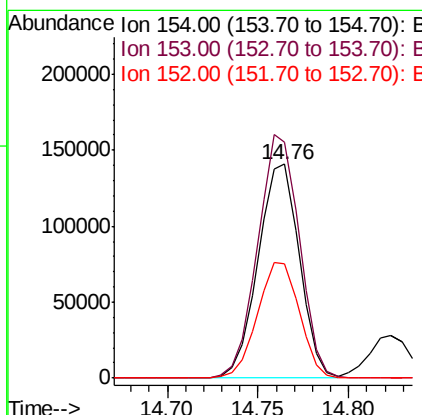
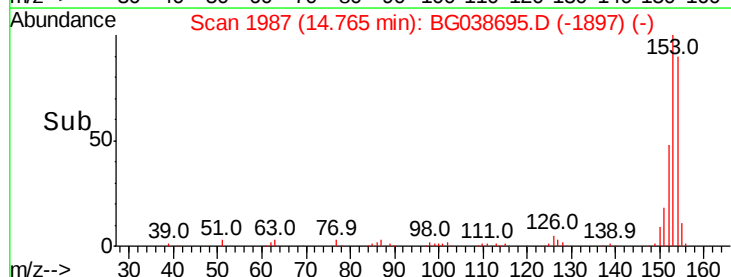
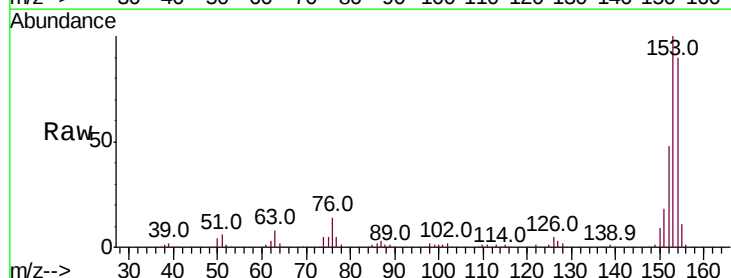
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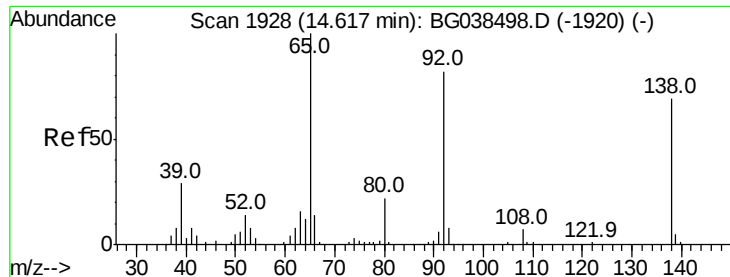
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#52
Acenaphthene
Concen: 49.561 ng
RT: 14.76 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	223915		
153	110.7	90.6	136.0	
152	53.5	43.5	65.3	





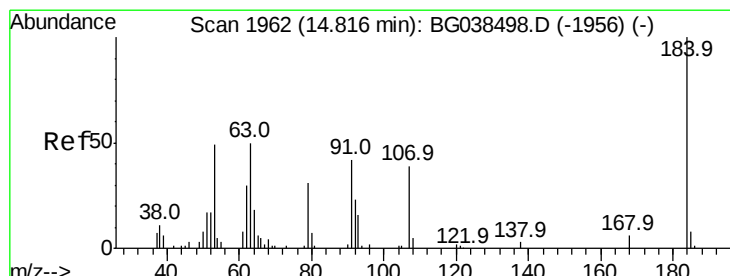
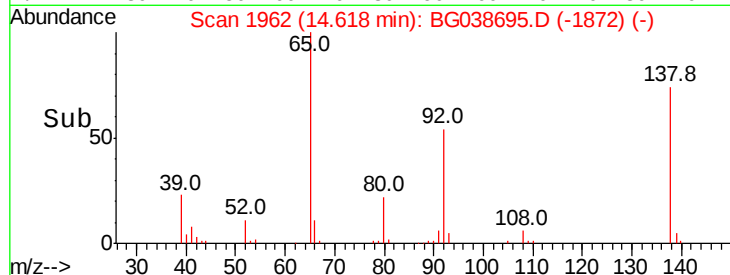
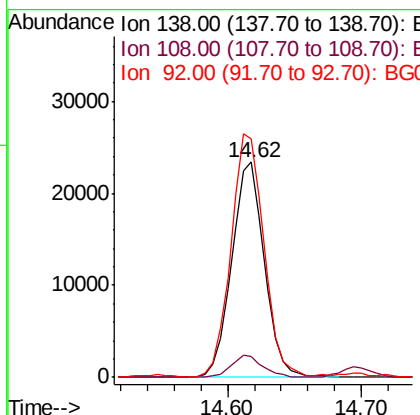
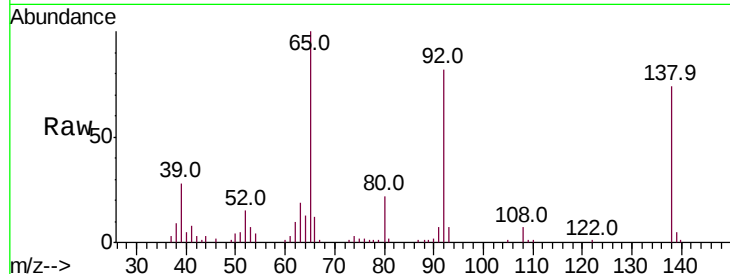
#53
3-Nitroaniline
Concen: 27.023 ng
RT: 14.62 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.6	7.9	11.9
92	110.9	95.3	142.9

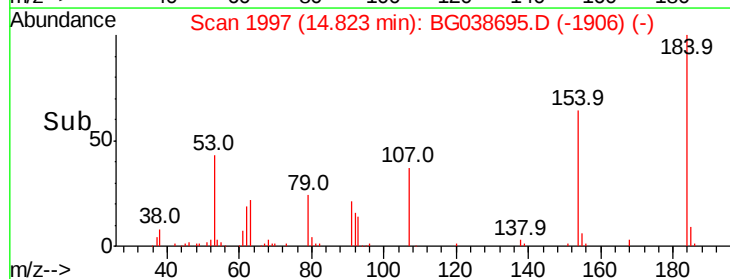
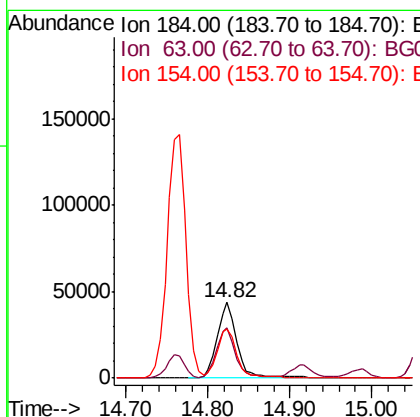
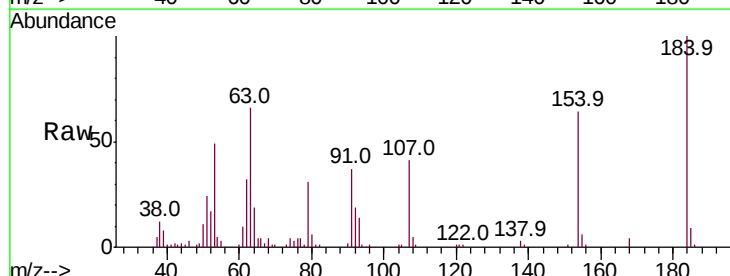
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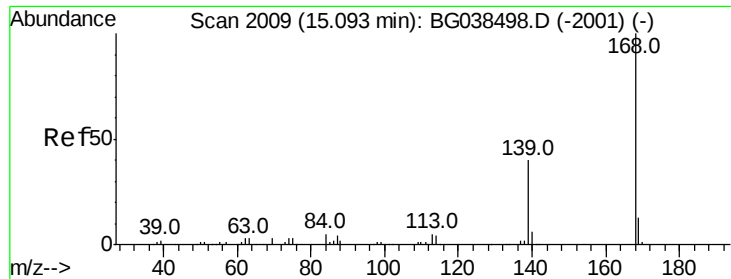
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#54
2,4-Dinitrophenol
Concen: 86.205 ng
RT: 14.82 min Scan# 1997
Delta R.T. 0.01 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.2	47.0	70.6
154	64.5	50.3	75.5





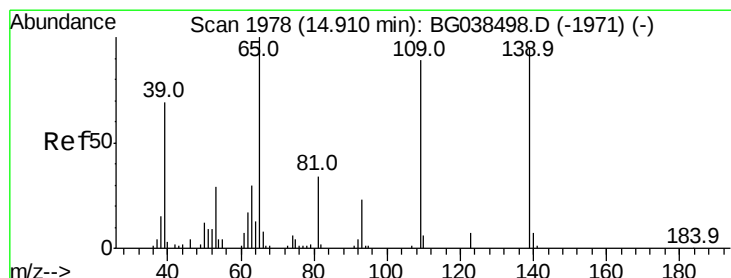
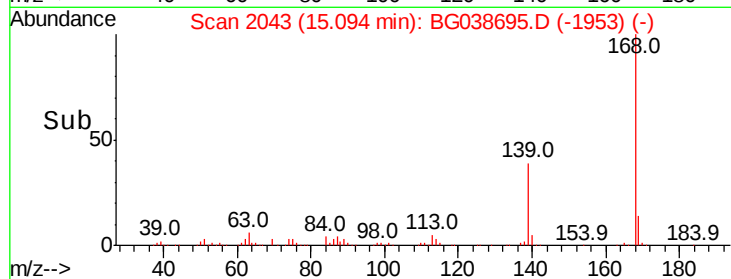
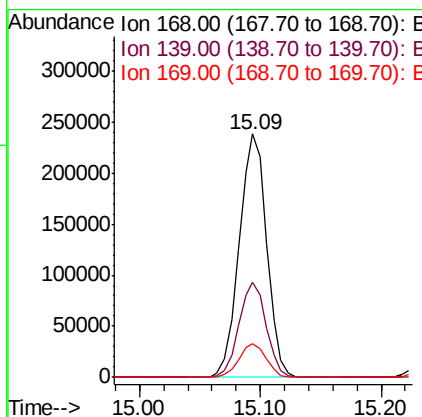
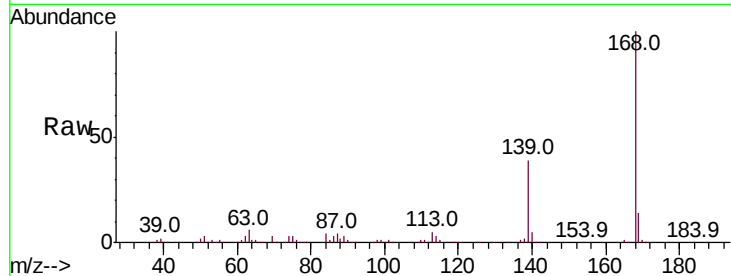
#55
Dibenzenofuran
Concen: 48.684 ng
RT: 15.09 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.1	32.2	48.2
169	13.7	10.6	16.0

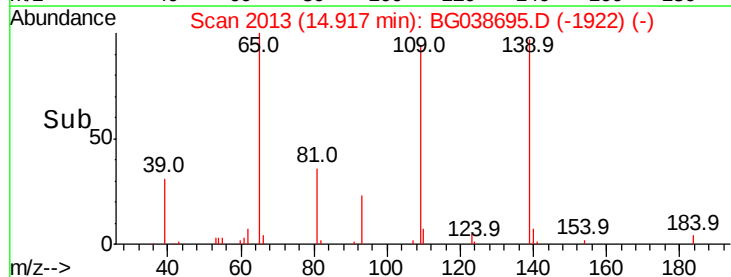
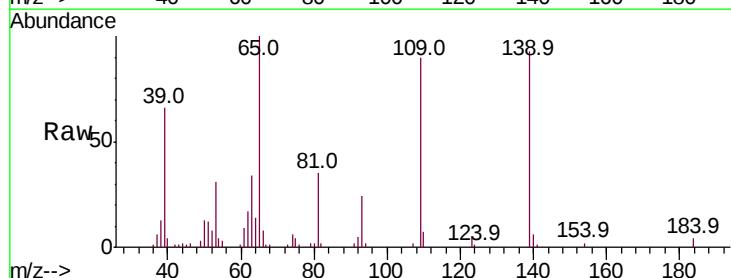
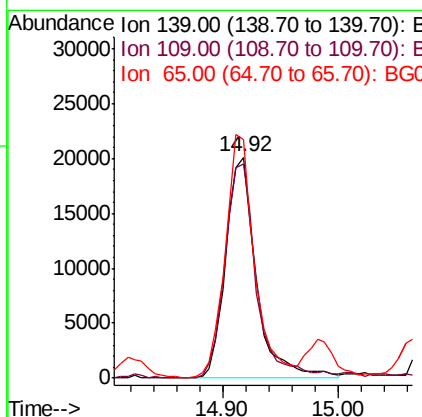
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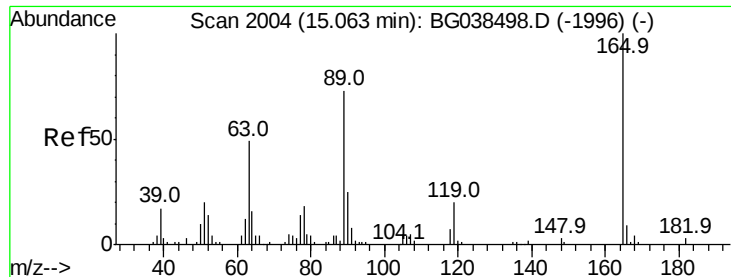
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#56
4-Nitrophenol
Concen: 33.239 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

Tgt Ion	Ratio	Lower	Upper
139	100		
109	97.2	73.6	113.6
65	107.8	84.8	124.8





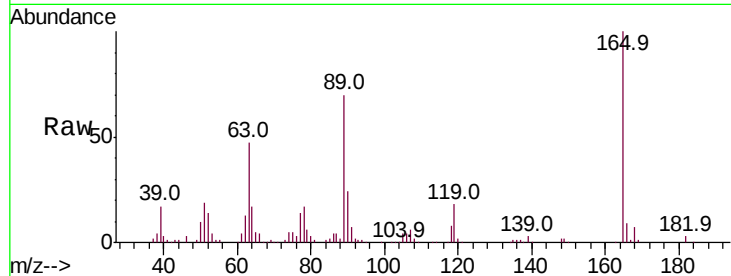
#57
 2,4-Dinitrotoluene
 Concen: 49.878 ng
 RT: 15.06 min Scan# 2038
 Delta R.T. 0.00 min
 Lab File: BG038695.D
 Acq: 18 Dec 2018 15:22

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-04_121218MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	47.3	39.0	58.4	
89	70.1	58.0	87.0	
182	2.8	2.3	3.5	

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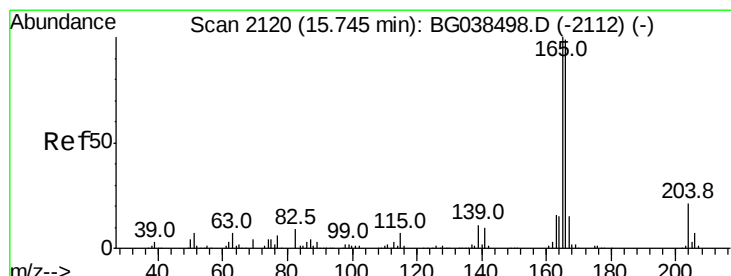
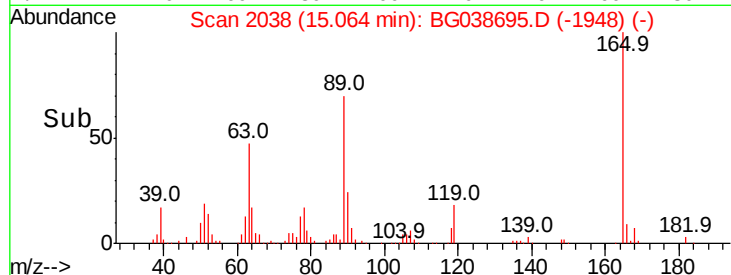
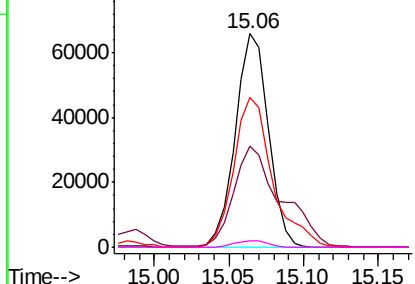
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

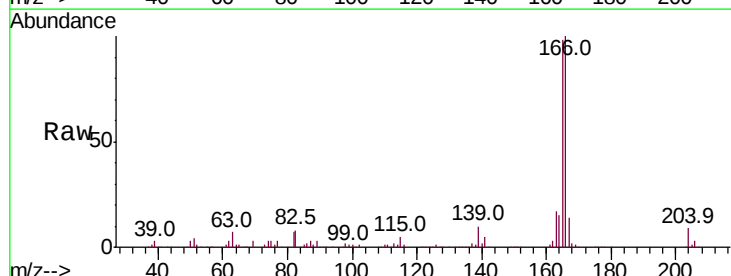
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 53.626 ng
 RT: 15.75 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: BG038695.D
 Acq: 18 Dec 2018 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.6	80.6	120.8	
167	14.3	12.0	18.0	

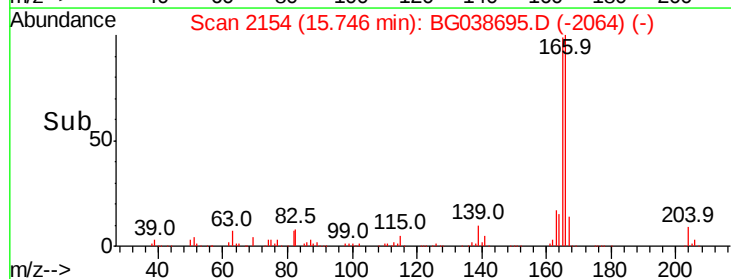
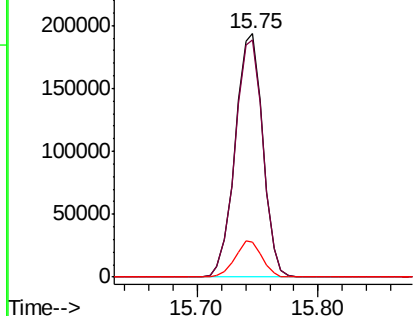


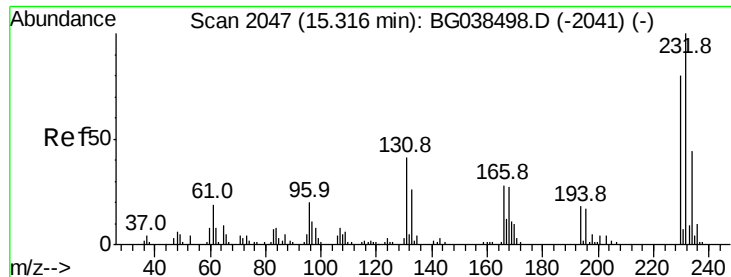
Abundance

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: 52.659 ng

RT: 15.32 min Scan# 2081

Delta R.T. 0.00 min

Lab File: BG038695.D

Acq: 18 Dec 2018 15:22

Instrument :

BNA_G

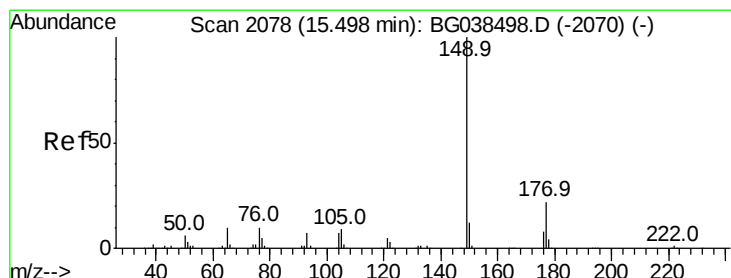
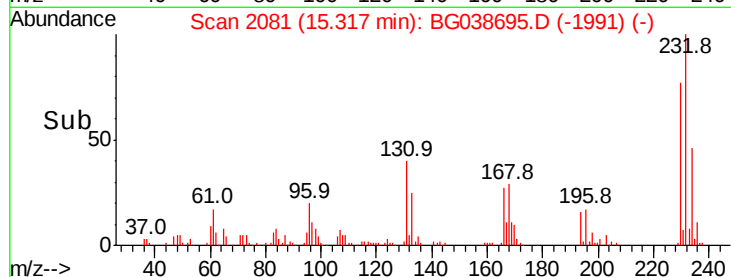
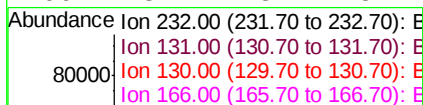
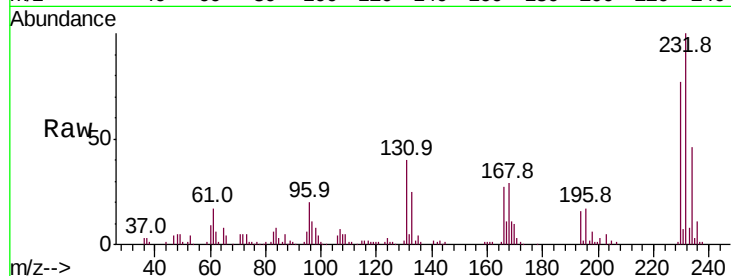
ClientSampleId :

PR-MW-04_121218MSD

Tot Ion:	232	Resp:	89979
Ion Ratio	Lower	Upper	
232	100		
131	39.6	33.0	49.4
130	2.4	2.0	3.0
166	28.2	23.1	34.7

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#60

Diethylphthalate

Concen: 45.532 ng

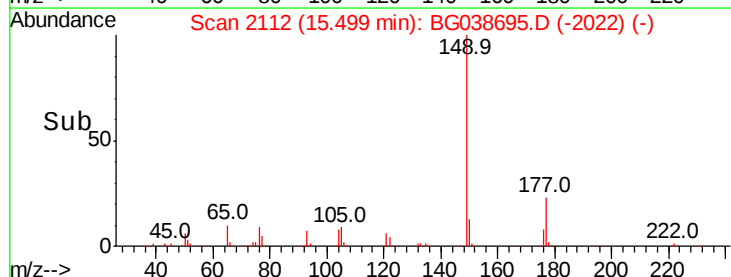
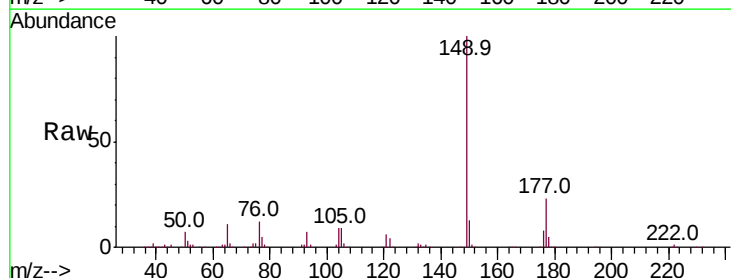
RT: 15.50 min Scan# 2112

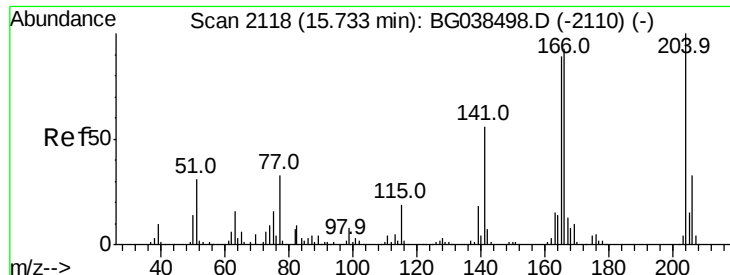
Delta R.T. 0.00 min

Lab File: BG038695.D

Acq: 18 Dec 2018 15:22

Tgt Ion:	149	Resp:	318576
Ion Ratio	Lower	Upper	
149	100		
177	23.4	17.7	26.5
150	13.2	9.9	14.9





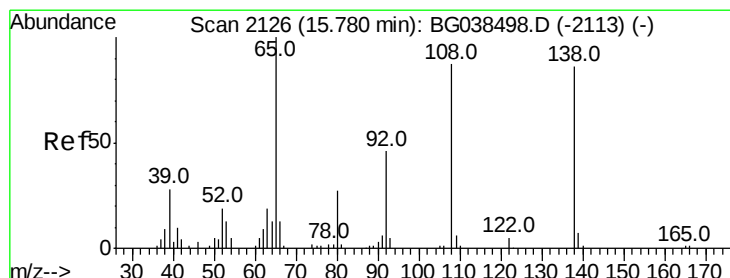
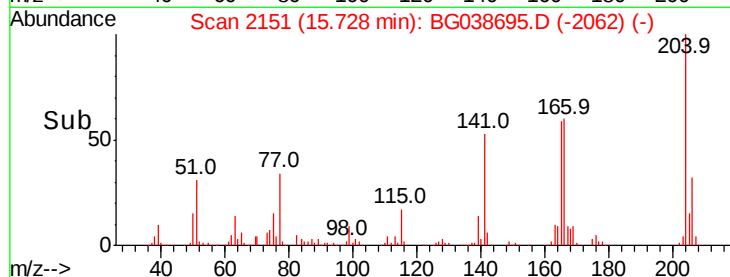
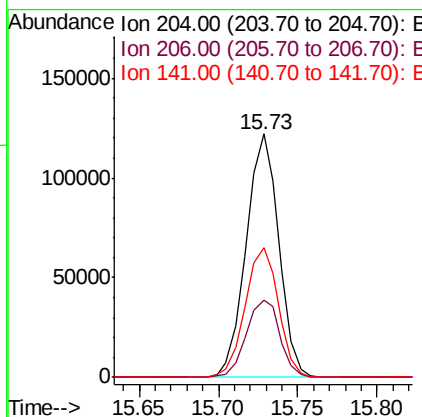
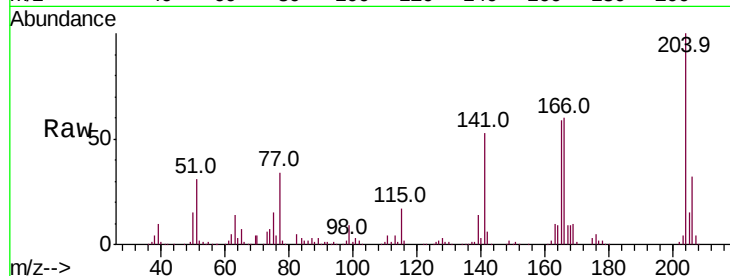
#61
4-Chlorophenyl-phenylether
Concen: 48.636 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.5	26.0	39.0
141	53.5	44.4	66.6

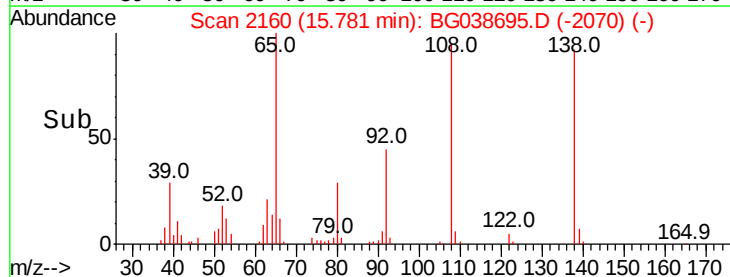
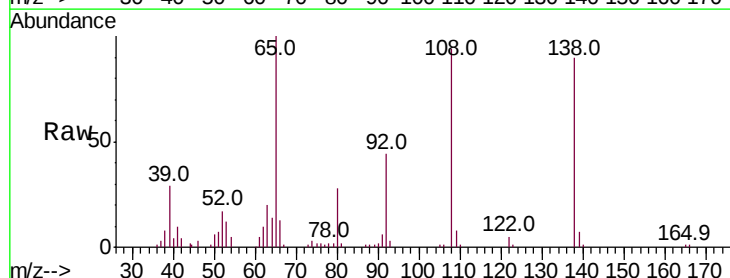
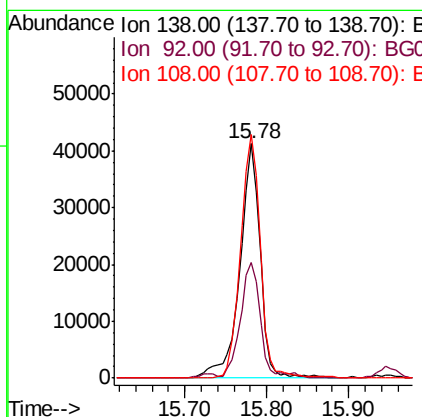
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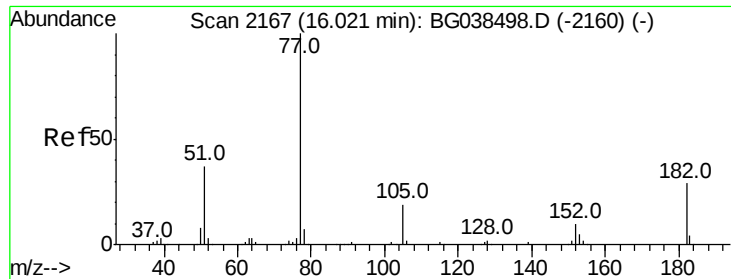
Sohil
12/19/2018 4:12:22 PM



#62
4-Nitroaniline
Concen: 46.950 ng
RT: 15.78 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.2	33.3	73.3
108	103.9	81.4	121.4





#63

Azobenzene

Concen: 47.279 ng

RT: 16.02 min Scan# 2201

Delta R.T. 0.00 min

Lab File: BG038695.D

Acq: 18 Dec 2018 15:22

Instrument :

BNA_G

ClientSampleId :

PR-MW-04_121218MSD

Tot Ion: 77 Resp: 276350

Ion Ratio Lower Upper

77 100

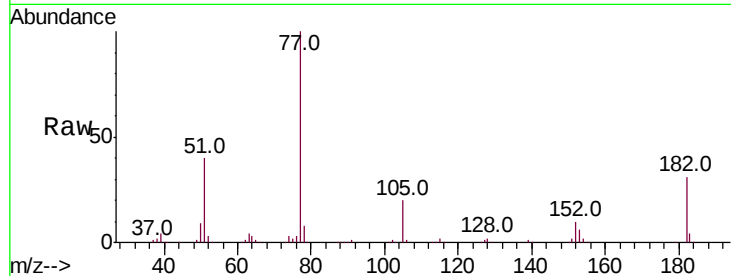
182 30.6 8.7 48.7

105 19.5 0.0 38.7

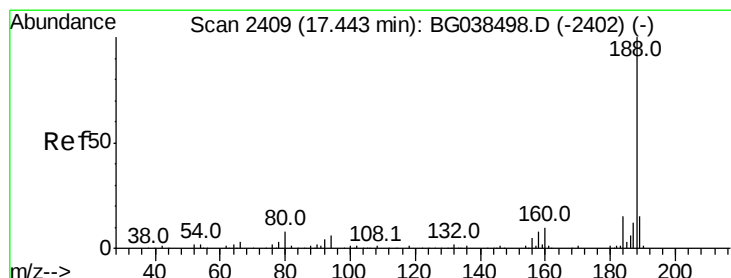
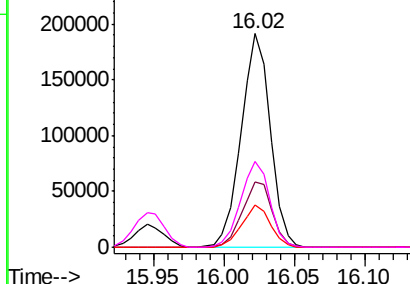
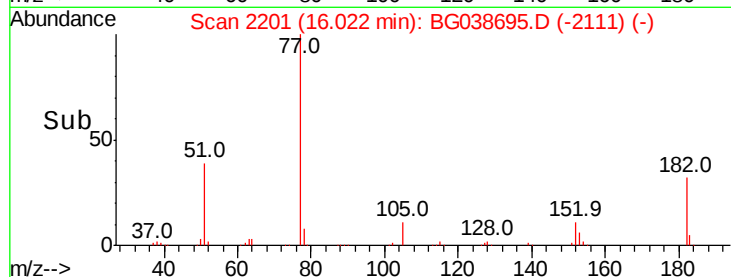
51 40.4 16.6 56.6

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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2443

Delta R.T. 0.00 min

Lab File: BG038695.D

Acq: 18 Dec 2018 15:22

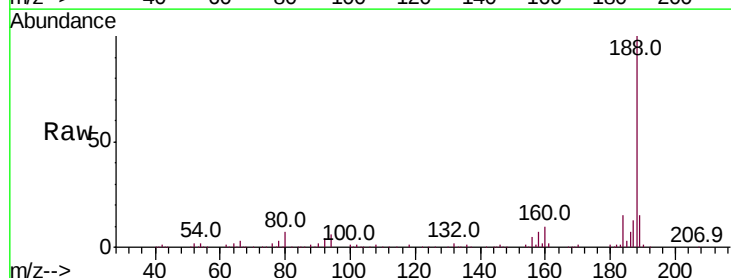
Tgt Ion: 188 Resp: 193898

Ion Ratio Lower Upper

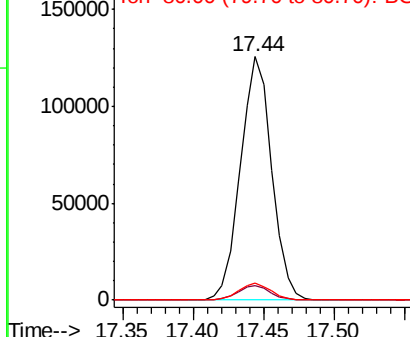
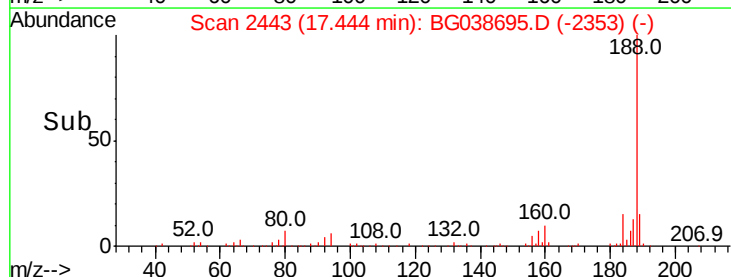
188 100

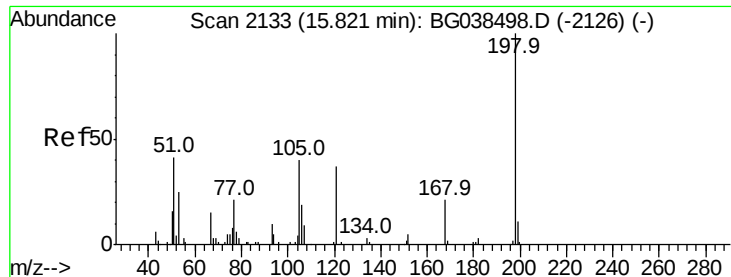
94 5.9 5.1 7.7

80 7.0 6.1 9.1



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





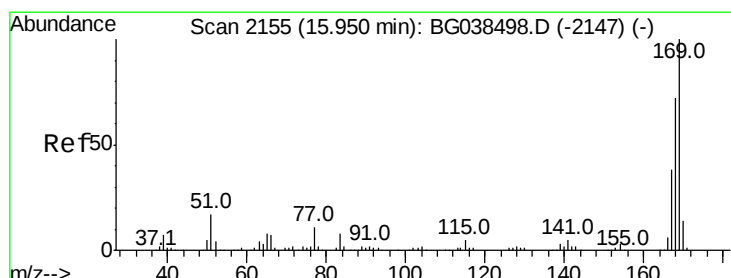
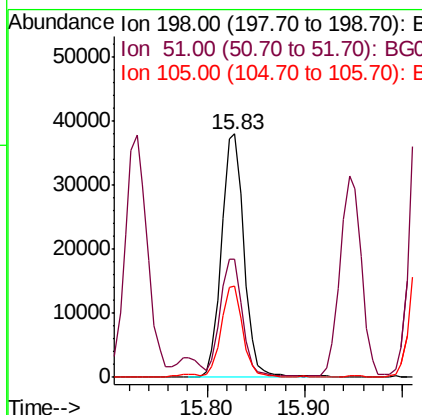
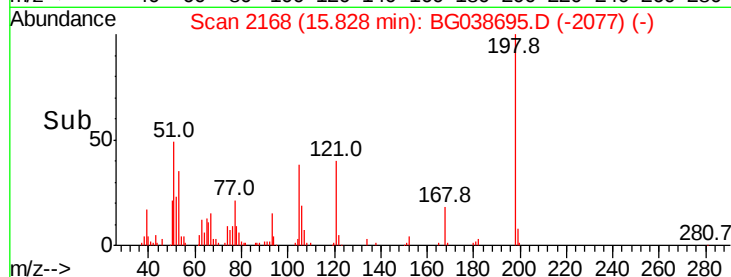
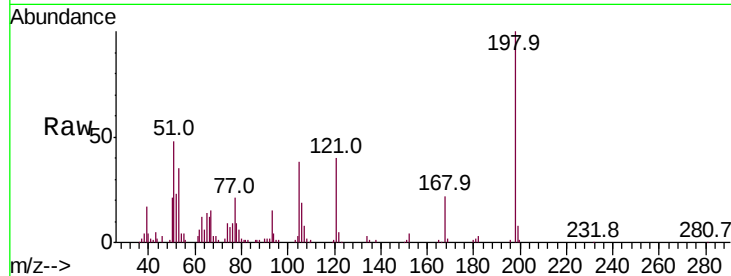
#65
4,6-Dinitro-2-methylphenol
Concen: 43.906 ng
RT: 15.83 min Scan# 2168
Delta R.T. 0.01 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	48.5	28.6	68.6
105	37.5	20.4	60.4

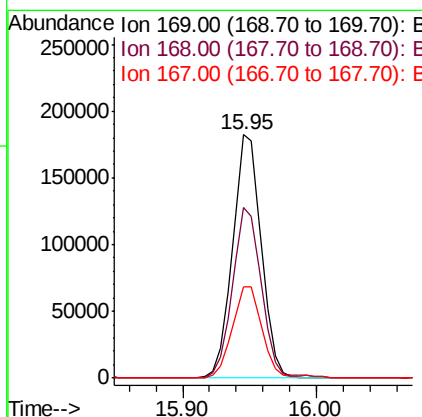
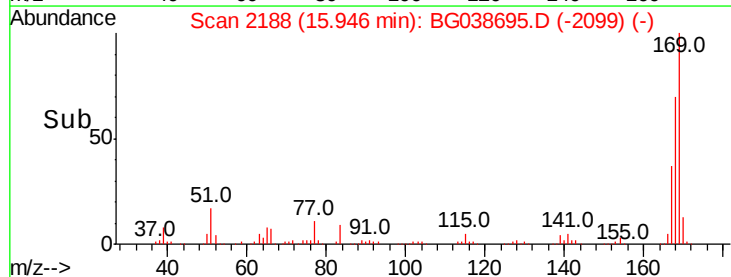
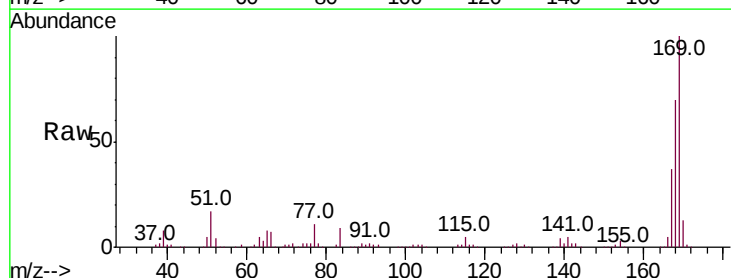
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#66
n-Nitrosodiphenylamine
Concen: 47.658 ng
RT: 15.95 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.9	57.5	86.3
167	37.4	30.2	45.2





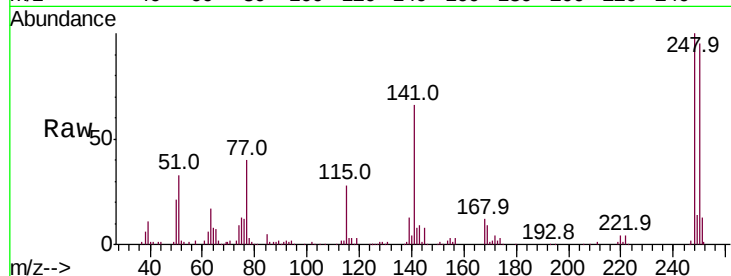
#67
4-Bromophenyl-phenylether
Concen: 48.609 ng
RT: 16.63 min Scan# 2304
Delta R.T. 0.00 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.1	73.4	110.2
141	66.2	52.9	79.3

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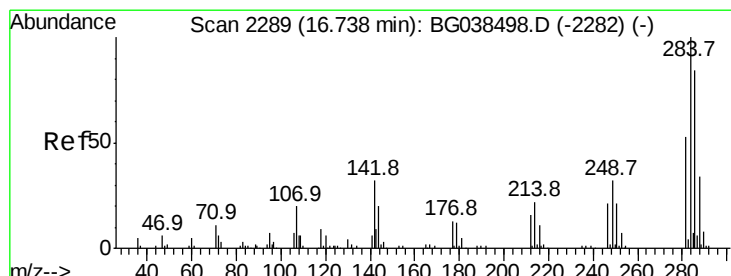
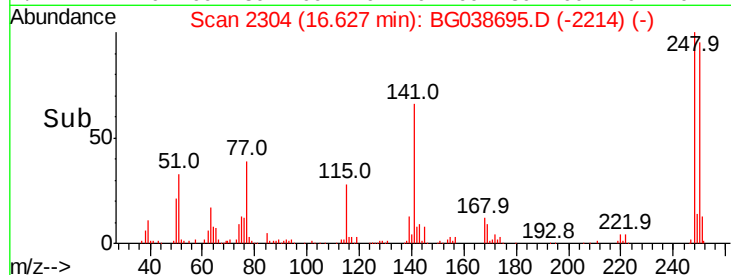
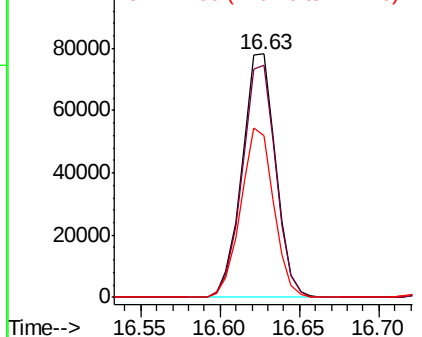


Abundance

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: 47.761 ng
RT: 16.74 min Scan# 2323
Delta R.T. 0.00 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

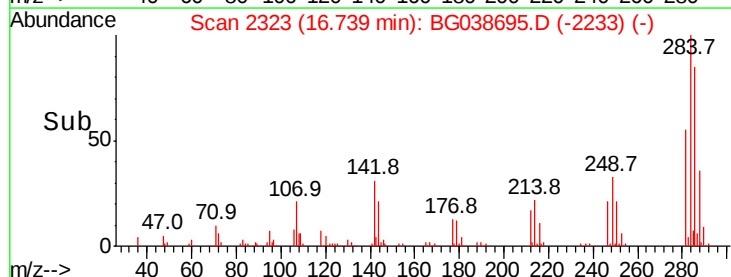
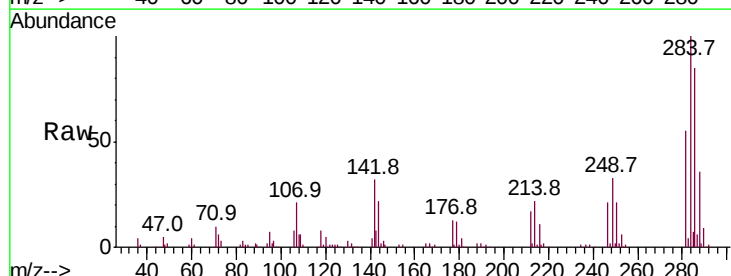
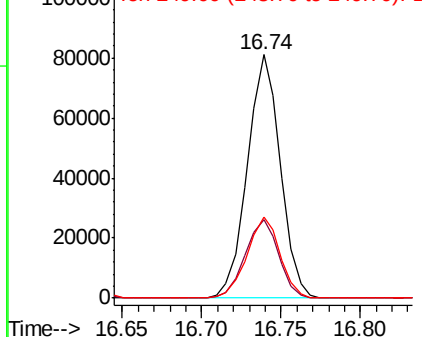
Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.1	25.8	38.6
249	35.5	27.0	40.4

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





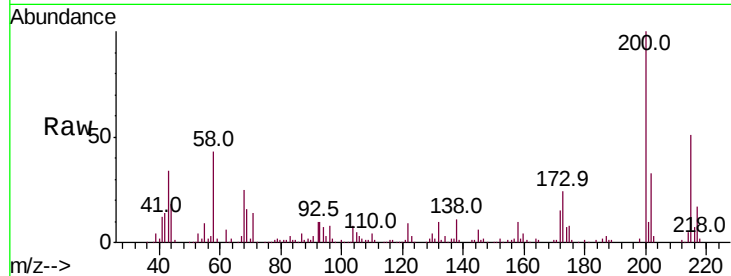
#69
 Atrazine
 Concen: 52.869 ng
 RT: 16.89 min Scan# 2349
 Delta R.T. 0.00 min
 Lab File: BG038695.D
 Acq: 18 Dec 2018 15:22

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-04_121218MSD

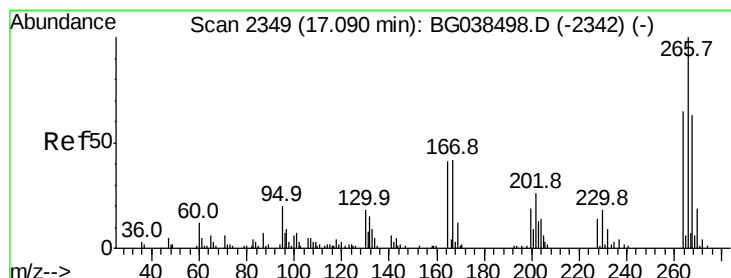
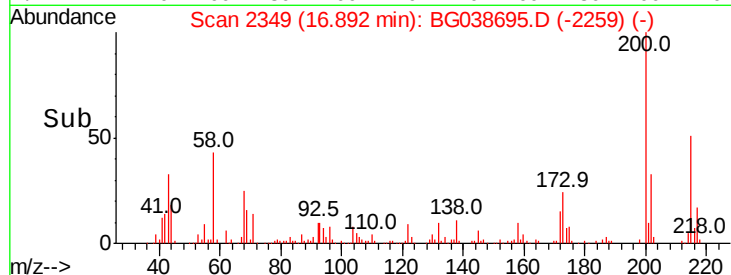
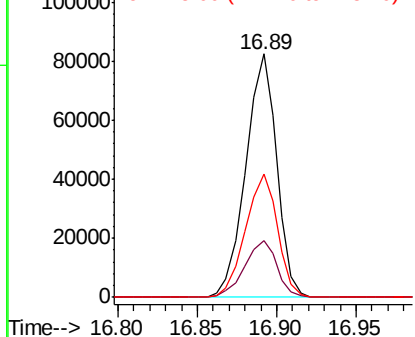
Tot Ion	Ratio	Lower	Upper
200	100		
173	23.5	5.9	45.9
215	50.8	33.1	73.1

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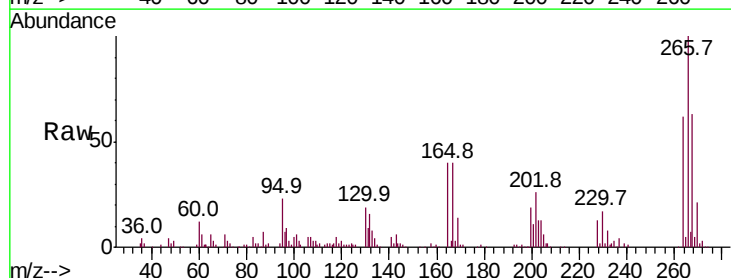


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

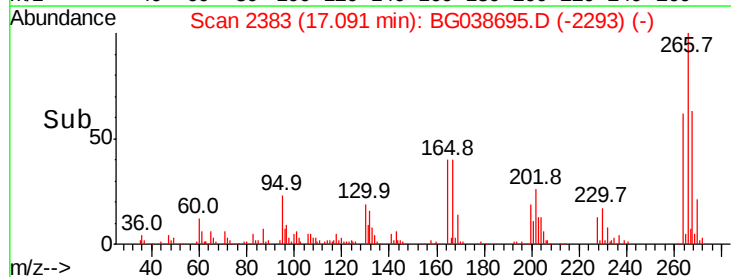
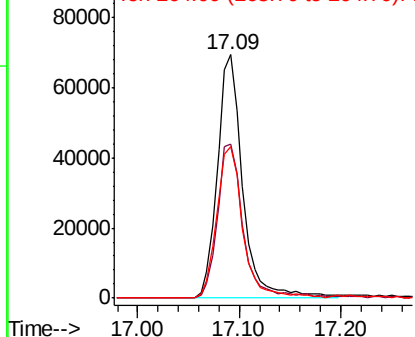


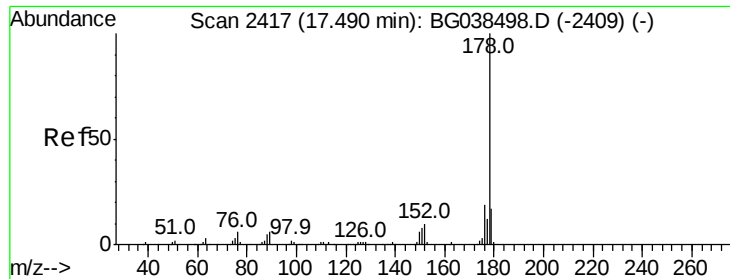
#70
 Pentachlorophenol
 Concen: 83.151 ng
 RT: 17.09 min Scan# 2383
 Delta R.T. 0.00 min
 Lab File: BG038695.D
 Acq: 18 Dec 2018 15:22

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.1	55.0	82.6
264	67.5	56.7	85.1



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





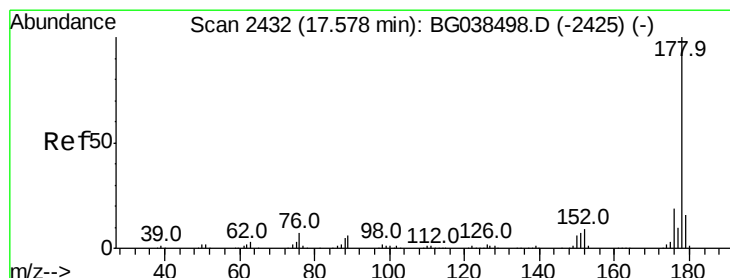
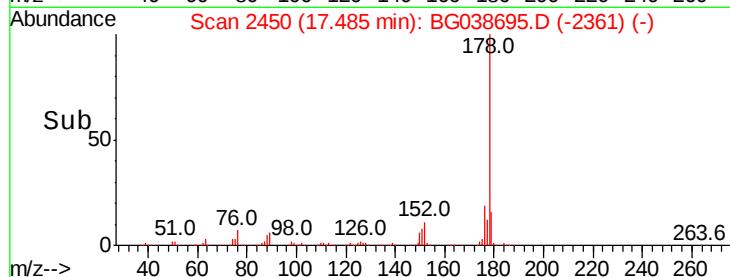
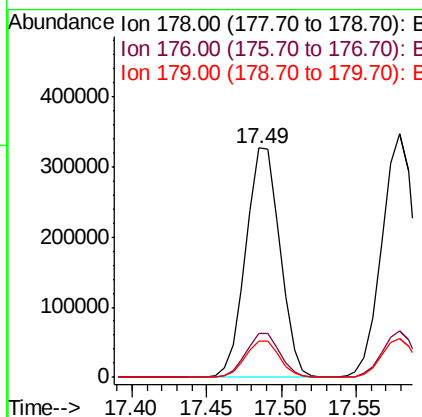
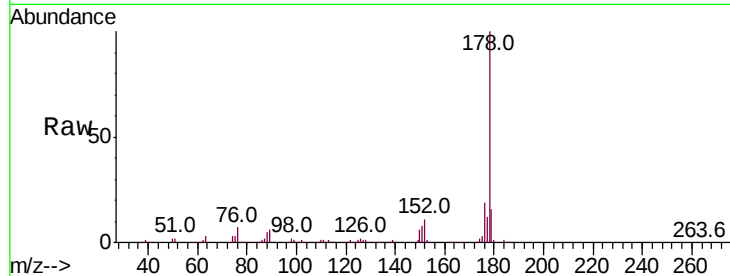
#71
Phenanthrene
Concen: 51.451 ng
RT: 17.49 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.1	22.7
179	15.8	13.2	19.8

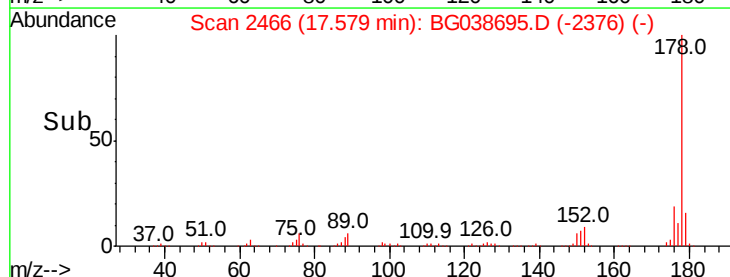
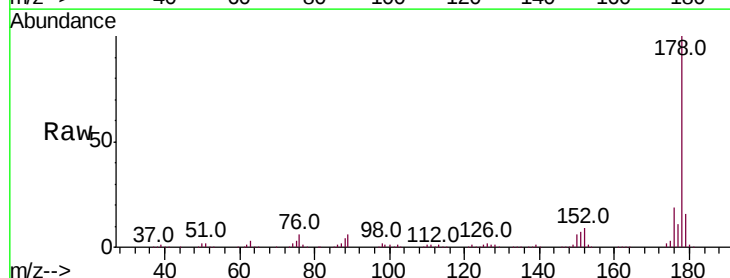
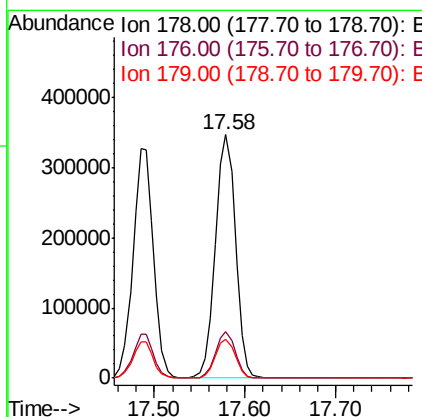
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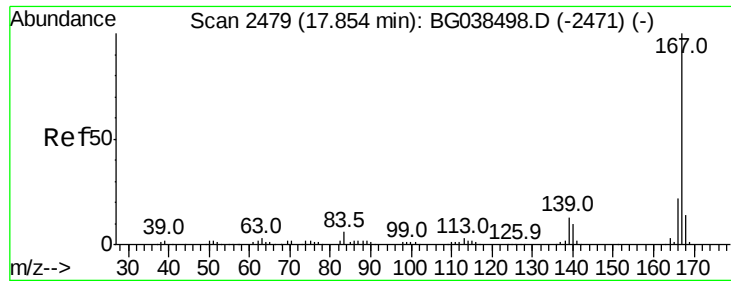
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#72
Anthracene
Concen: 53.609 ng
RT: 17.58 min Scan# 2466
Delta R.T. 0.00 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.1	22.7
179	16.1	12.9	19.3





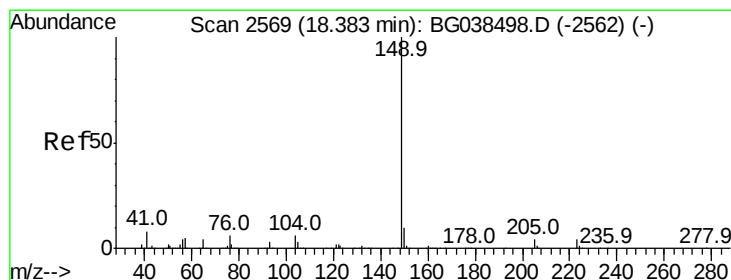
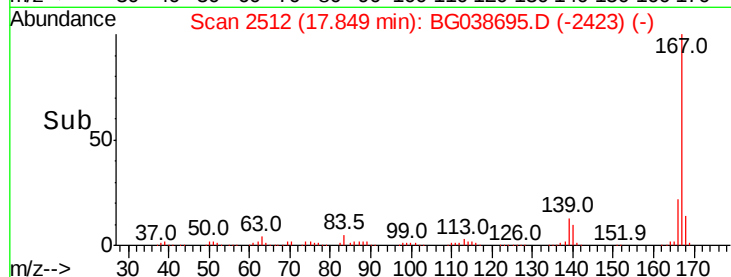
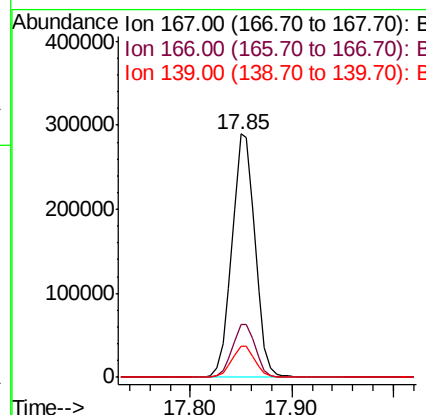
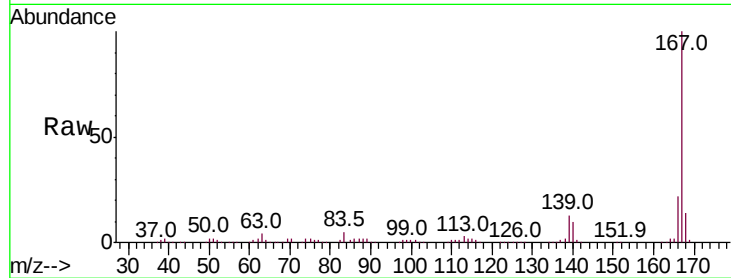
#73
 Carbazole
 Concen: 46.643 ng
 RT: 17.85 min Scan# 2512
 Delta R.T. -0.00 min
 Lab File: BG038695.D
 Acq: 18 Dec 2018 15:22

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-04_121218MSD

Tot Ion	Ratio	Resp Lower	Upper
167	100		
166	21.7	17.9	26.9
139	12.8	10.2	15.2

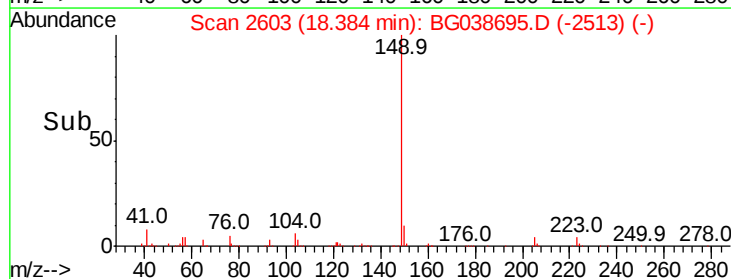
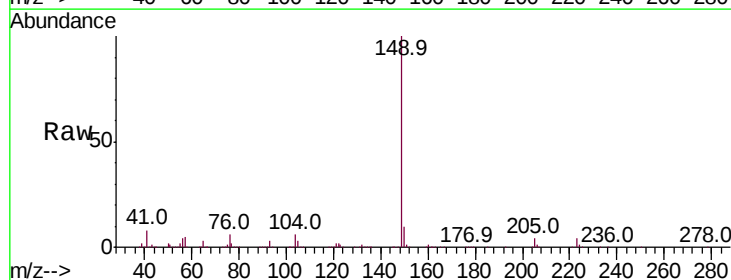
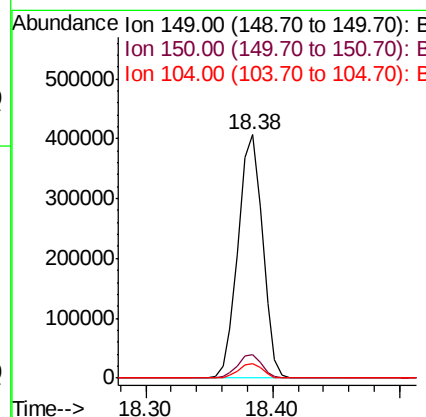
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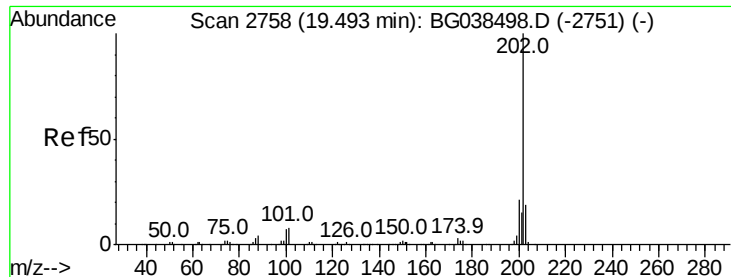
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#74
 Di-n-butylphthalate
 Concen: 48.041 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: BG038695.D
 Acq: 18 Dec 2018 15:22

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
150	9.8	7.6	11.4
104	5.9	5.0	7.4





#75

Fluoranthene

Concen: 50.790 ng

RT: 19.49 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BG038695.D

Acq: 18 Dec 2018 15:22

Instrument :

BNA_G

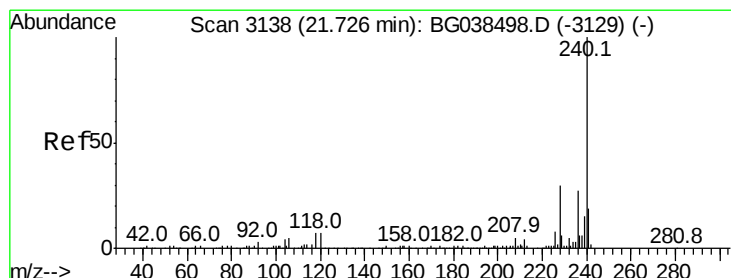
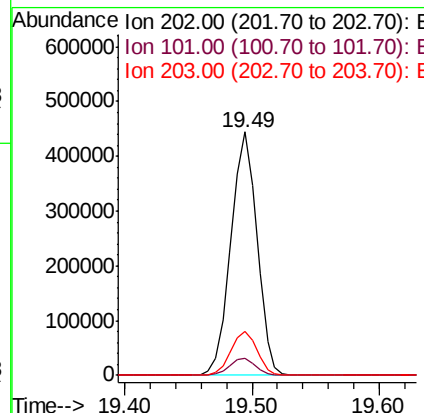
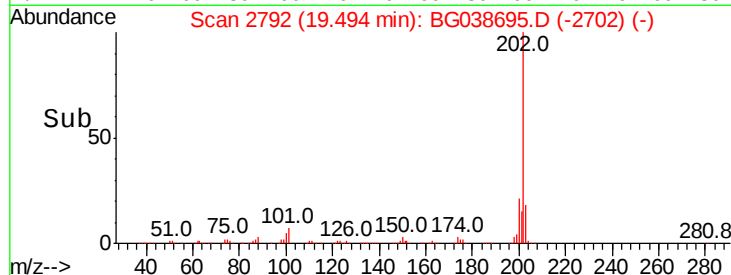
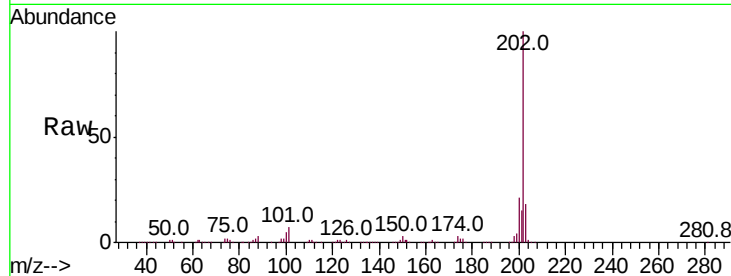
ClientSampleId :

PR-MW-04_121218MSD

Tot Ion:	202	Resp:	631866
Ion Ratio	Lower	Upper	
202	100		
101	6.8	0.0	28.1
203	18.2	0.0	39.0

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

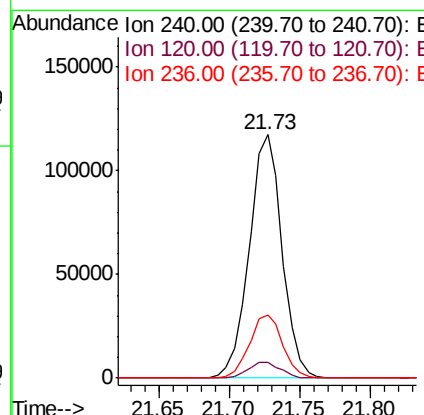
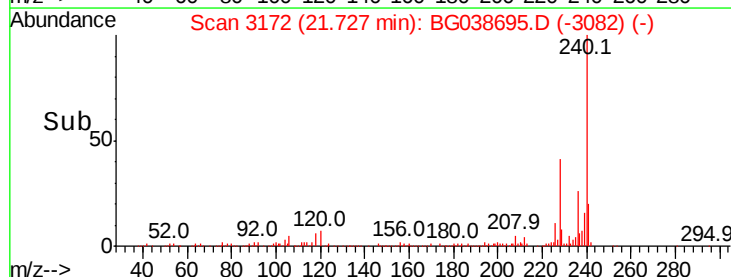
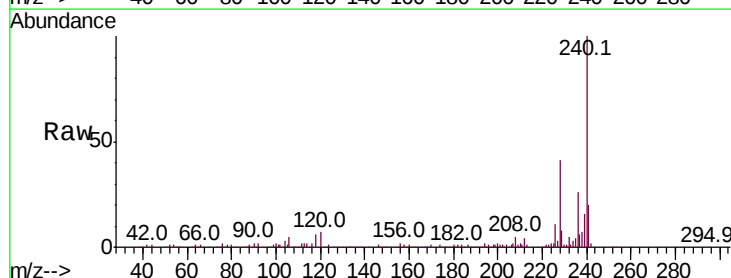
RT: 21.73 min Scan# 3172

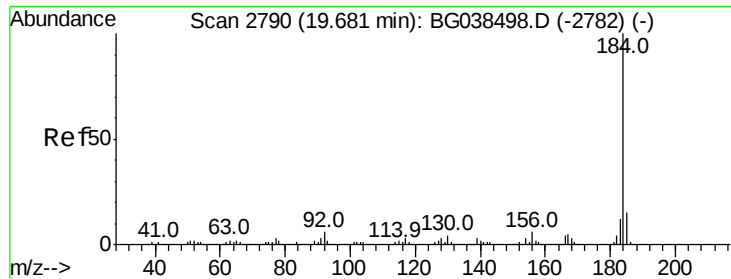
Delta R.T. 0.00 min

Lab File: BG038695.D

Acq: 18 Dec 2018 15:22

Tgt Ion:	240	Resp:	191013
Ion Ratio	Lower	Upper	
240	100		
120	6.7	5.3	7.9
236	25.9	21.4	32.2





#77

Benzidine

Concen: 38.022 ng

RT: 19.68 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BG038695.D

Acq: 18 Dec 2018 15:22

Instrument :

BNA_G

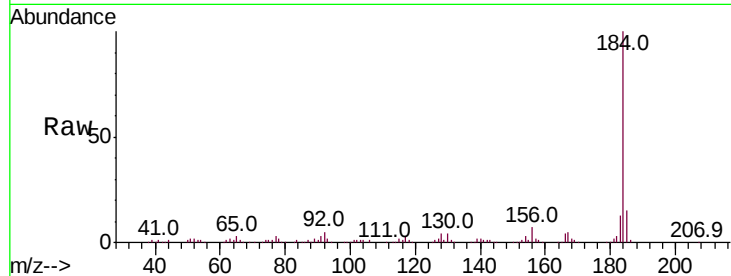
ClientSampleId :

PR-MW-04_121218MSD

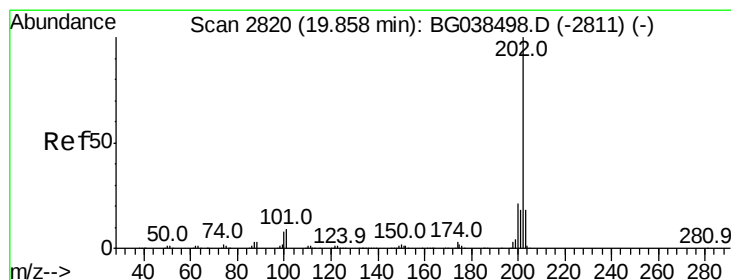
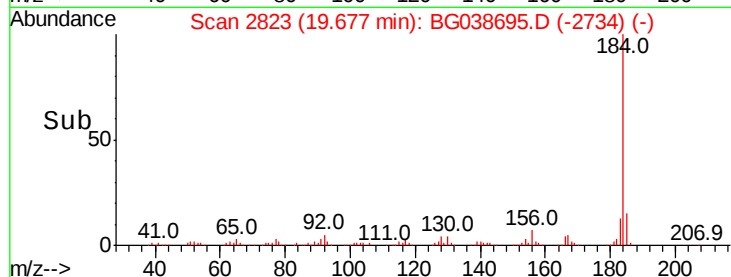
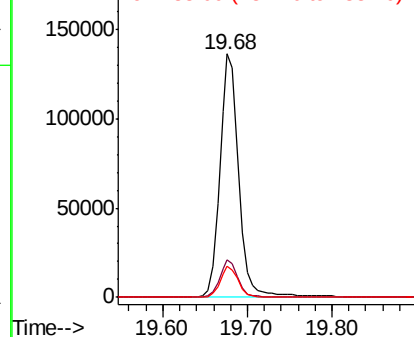
Tot Ion:	184	Resp:	214790
Ion Ratio	Lower	Upper	
184	100		
185	15.3	12.2	18.2
183	12.8	9.6	14.4

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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: 49.572 ng

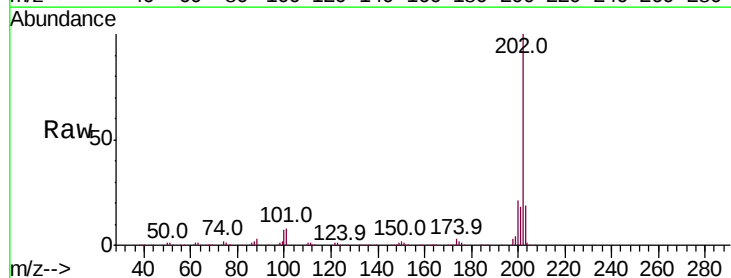
RT: 19.86 min Scan# 2854

Delta R.T. 0.00 min

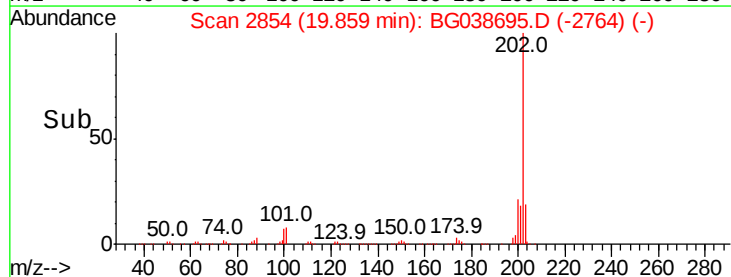
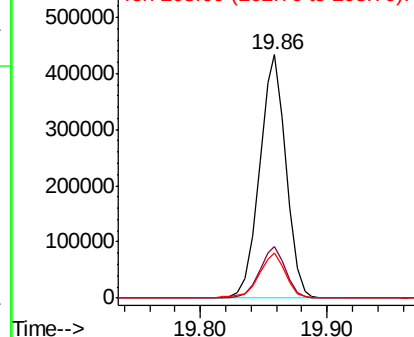
Lab File: BG038695.D

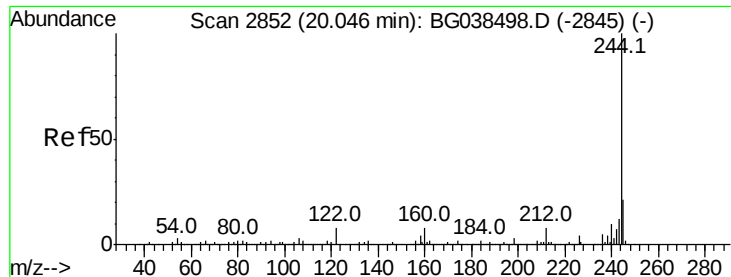
Acq: 18 Dec 2018 15:22

Tgt Ion:	202	Resp:	625541
Ion Ratio	Lower	Upper	
202	100		
200	21.4	16.6	25.0
203	18.5	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: 105.668 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG038695.D

Acq: 18 Dec 2018 15:22

Instrument :

BNA_G

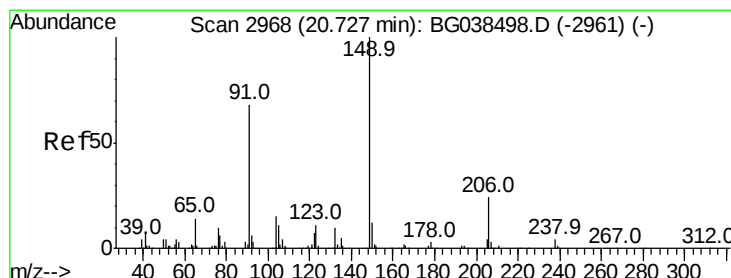
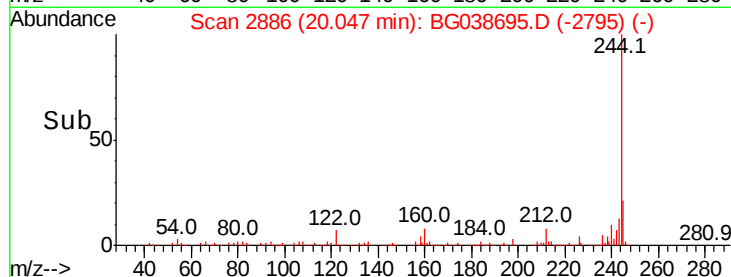
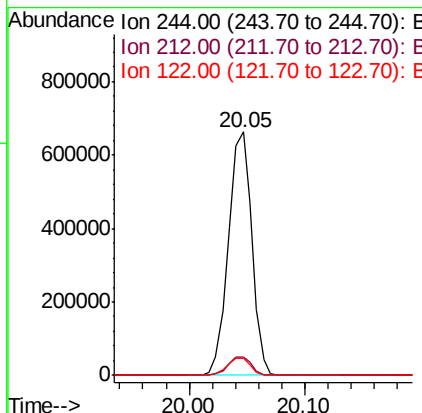
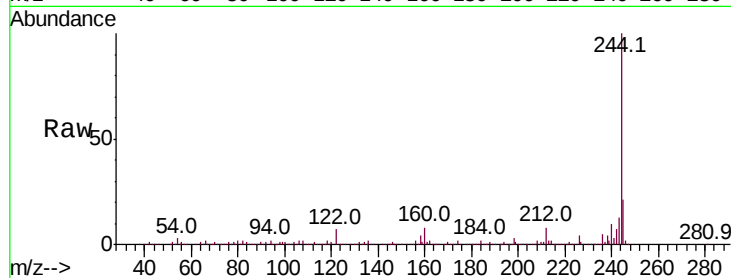
ClientSampleId :

PR-MW-04_121218MSD

Tot Ion:	244	Resp:	927426
Ion Ratio	Lower	Upper	
244	100		
212	7.8	6.2	9.2
122	7.2	6.3	9.5

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#80

Butylbenzylphthalate

Concen: 50.224 ng

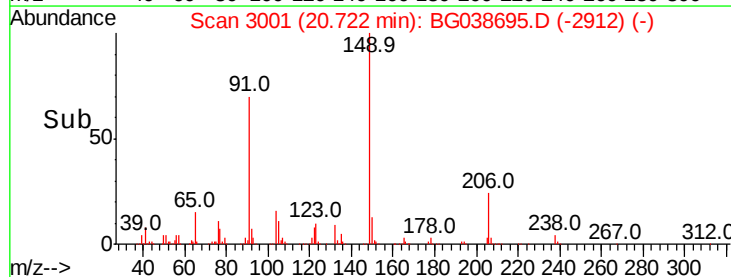
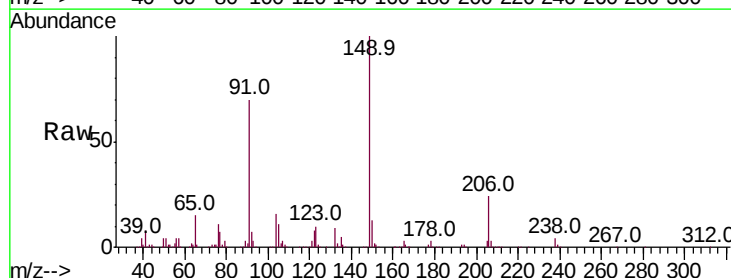
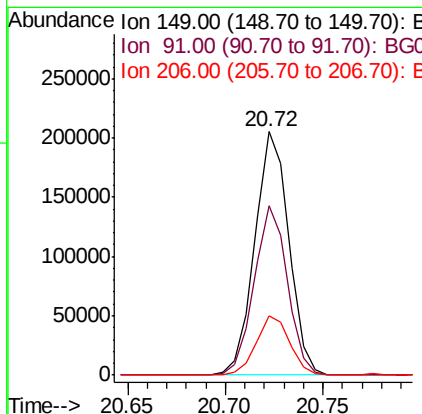
RT: 20.72 min Scan# 3001

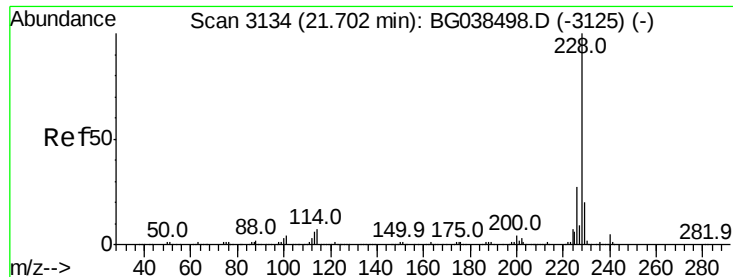
Delta R.T. -0.00 min

Lab File: BG038695.D

Acq: 18 Dec 2018 15:22

Tgt Ion:	149	Resp:	247605
Ion Ratio	Lower	Upper	
149	100		
91	69.6	54.5	81.7
206	24.4	19.0	28.6





#81

Benzo(a)anthracene

Concen: 53.008 ng

RT: 21.70 min Scan# 3168

Delta R.T. 0.00 min

Lab File: BG038695.D

Acq: 18 Dec 2018 15:22

Instrument :

BNA_G

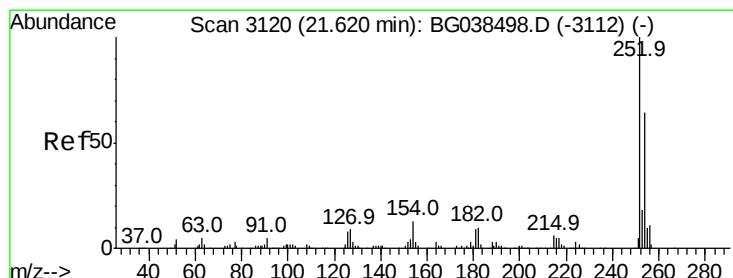
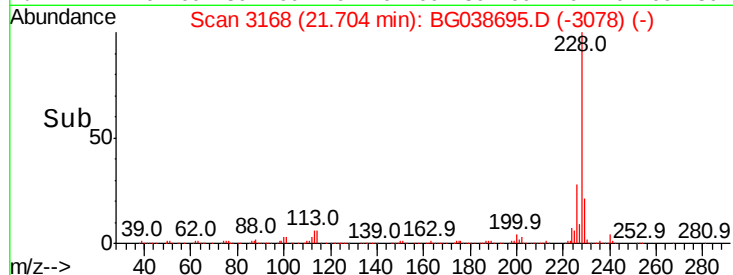
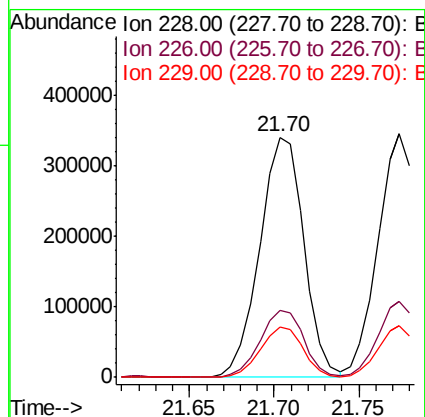
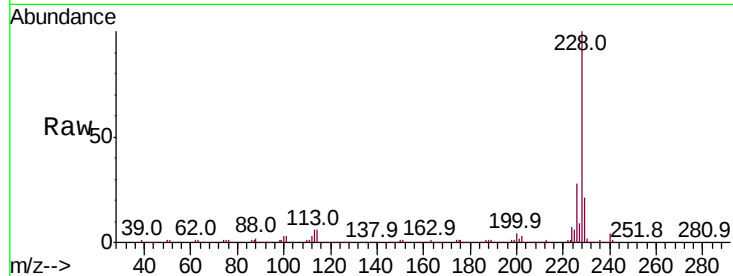
ClientSampleId :

PR-MW-04_121218MSD

Tot Ion:	228	Resp:	616982
Ion Ratio	Lower	Upper	
228	100		
226	27.8	21.8	32.8
229	21.1	15.8	23.6

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#82

3,3'-Dichlorobenzidine

Concen: 33.585 ng

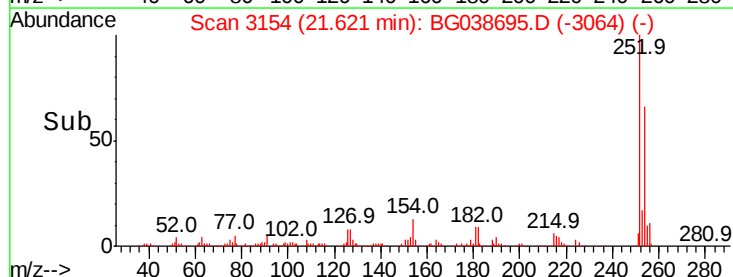
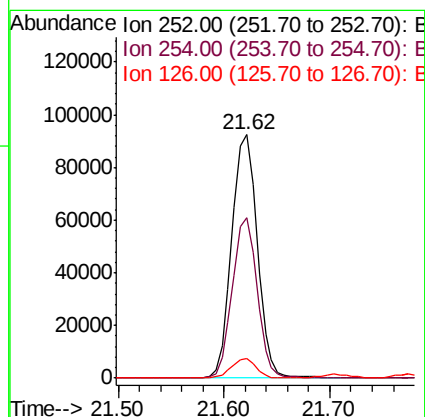
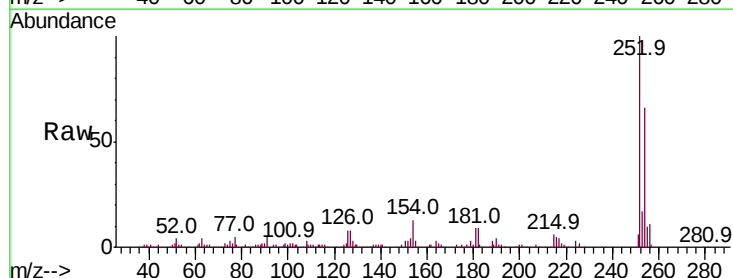
RT: 21.62 min Scan# 3154

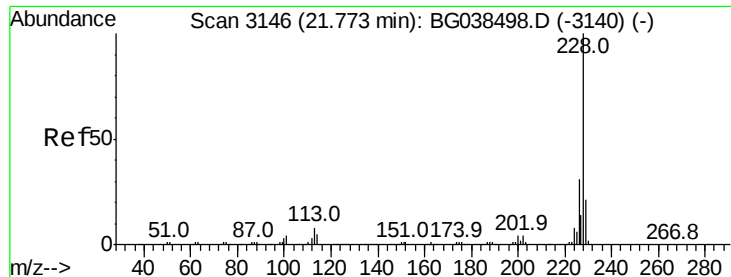
Delta R.T. 0.00 min

Lab File: BG038695.D

Acq: 18 Dec 2018 15:22

Tgt Ion:	252	Resp:	155035
Ion Ratio	Lower	Upper	
252	100		
254	65.8	50.9	76.3
126	8.2	6.3	9.5





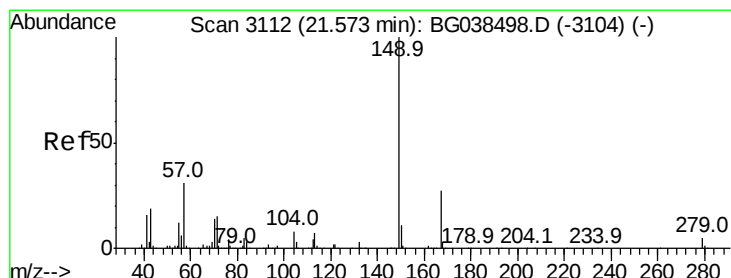
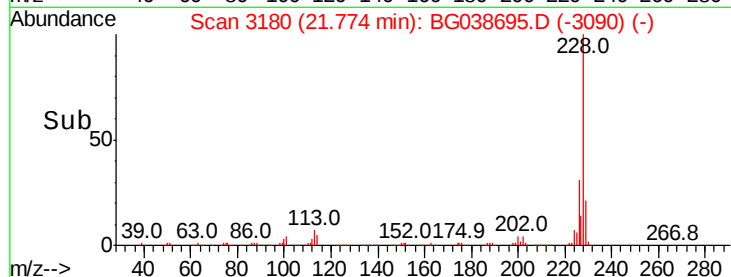
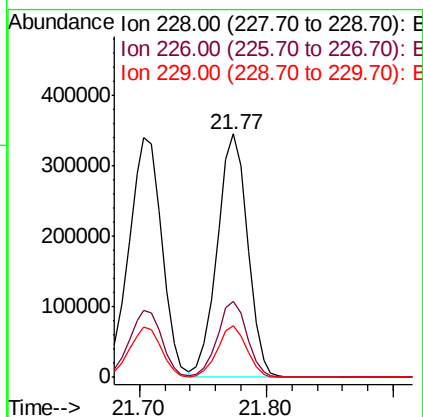
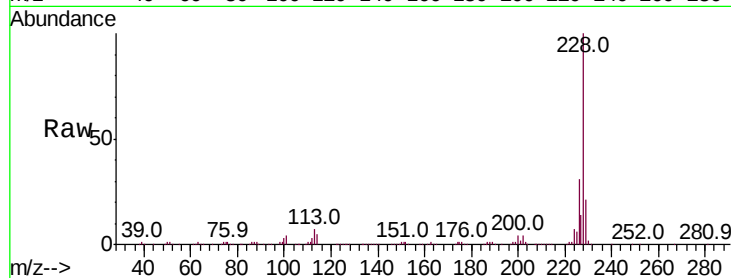
#83
Chrysene
Concen: 51.111 ng
RT: 21.77 min Scan# 3180
Delta R.T. 0.00 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MSD

Tot Ion:	228	Resp:	573003
Ion Ratio	Lower	Upper	
228	100		
226	30.9	25.0	37.4
229	21.2	16.5	24.7

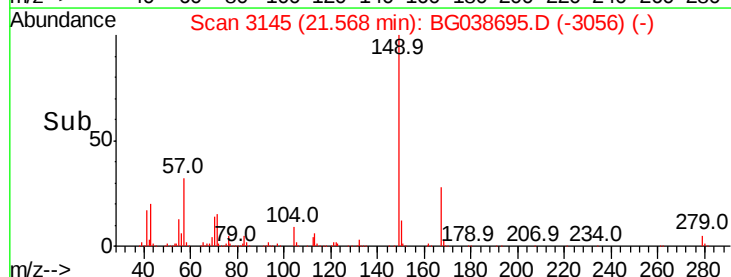
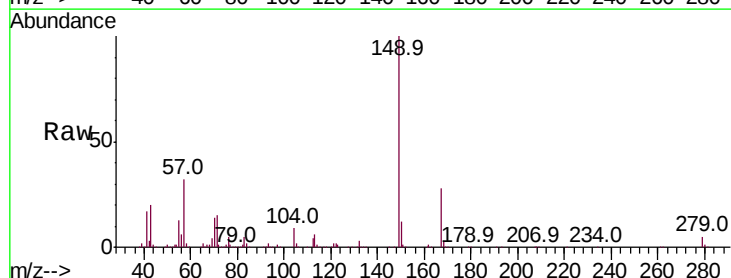
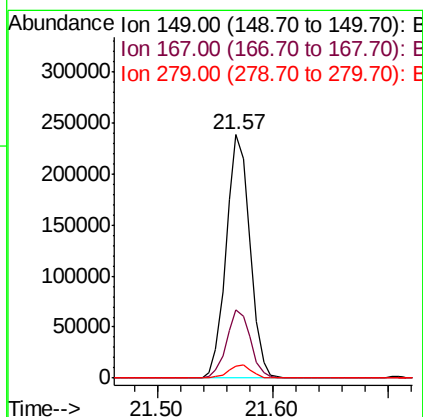
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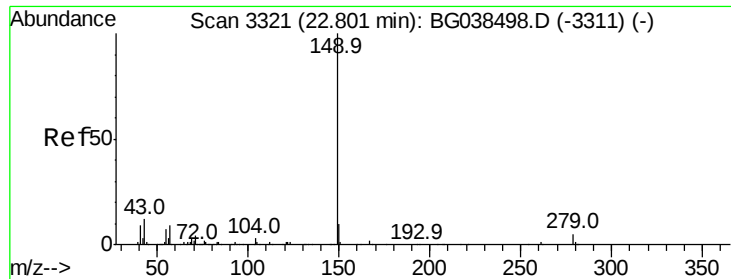
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#84
Bis(2-ethylhexyl)phthalate
Concen: 48.385 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.00 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

Tgt Ion:	149	Resp:	338315
Ion Ratio	Lower	Upper	
149	100		
167	28.2	21.9	32.9
279	5.1	4.2	6.2





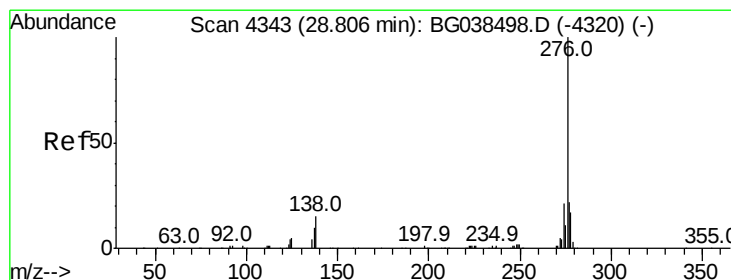
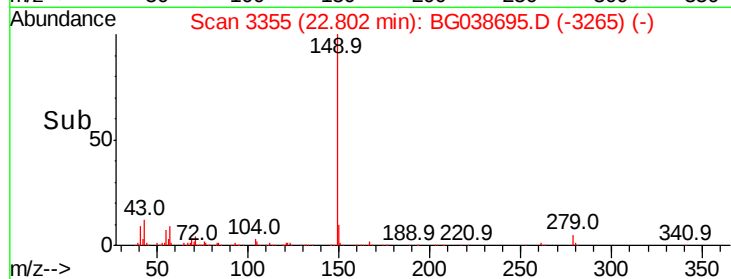
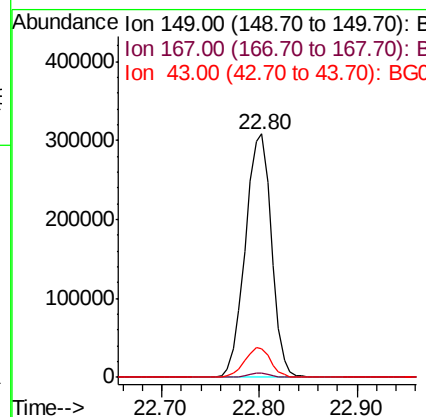
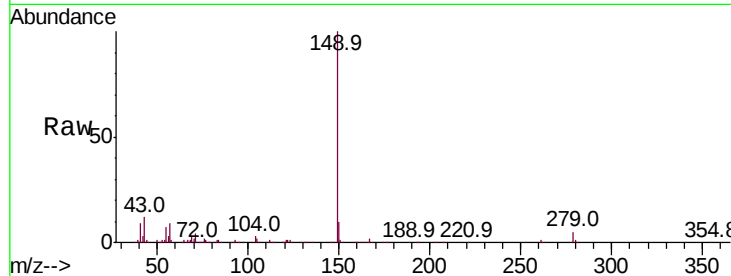
#85
Di-n-octyl phthalate
Concen: 49.356 ng
RT: 22.80 min Scan# 3355
Delta R.T. 0.00 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.7	1.2	1.8	
43	12.0	9.3	13.9	

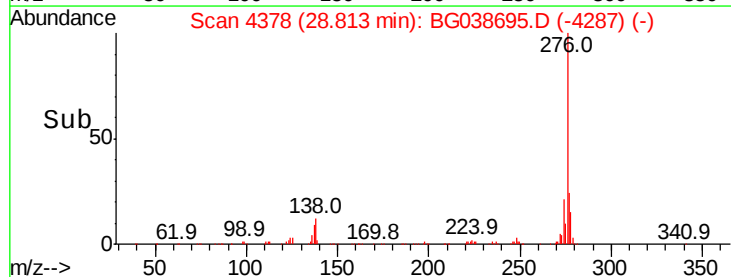
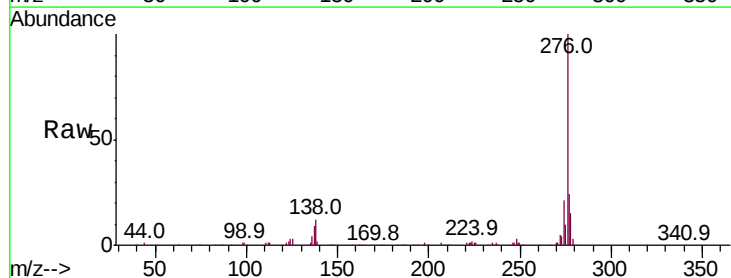
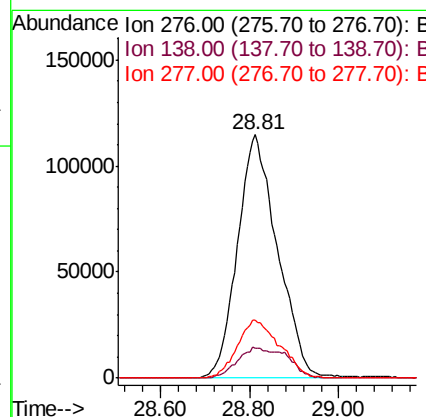
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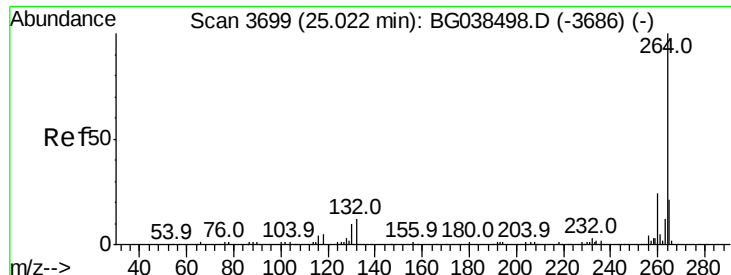
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#86
Indeno(1,2,3-cd)pyrene
Concen: 54.226 ng
RT: 28.81 min Scan# 4378
Delta R.T. 0.01 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	15.7	14.4	21.6	
277	25.3	0.0	0.0#	





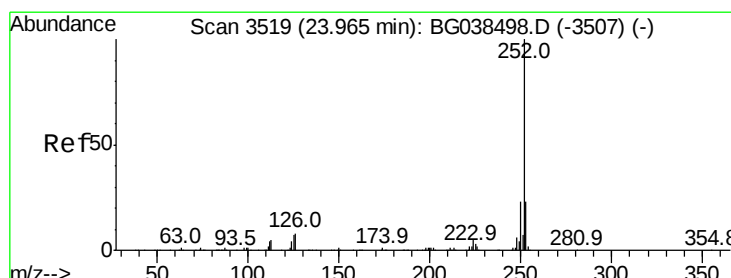
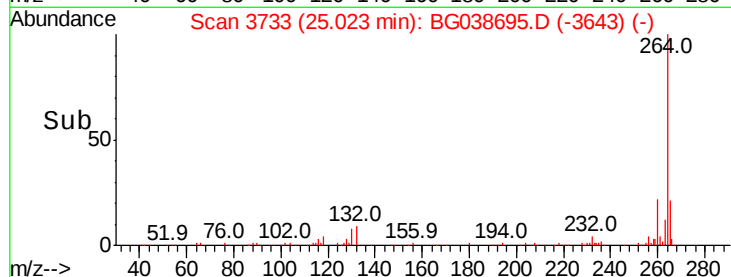
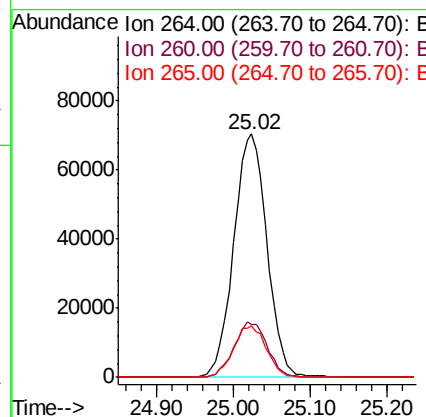
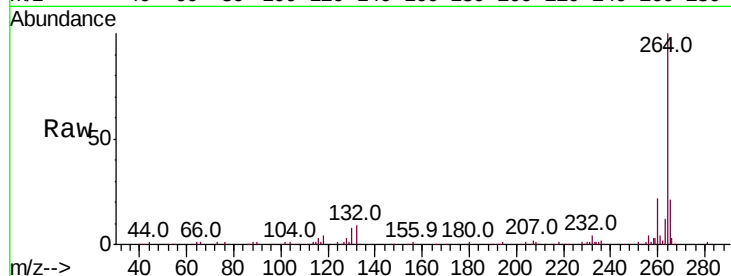
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3733
Delta R.T. 0.00 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.5	18.9	28.3
265	21.1	17.0	25.4

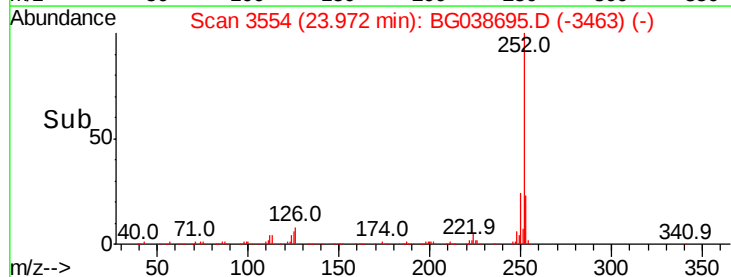
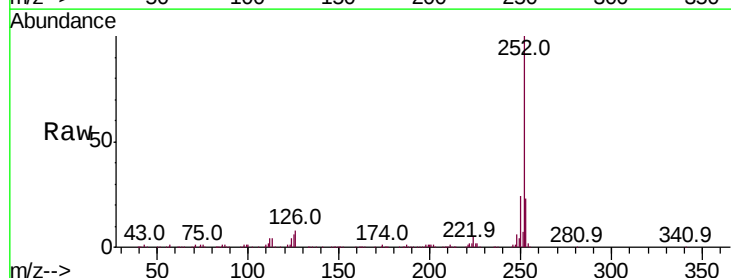
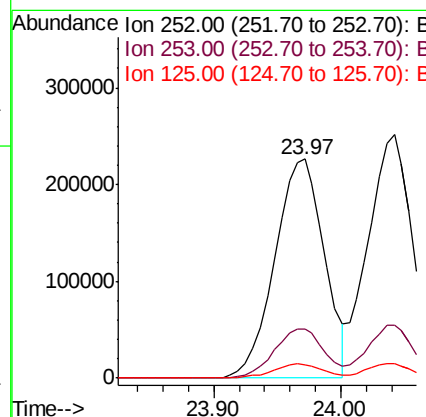
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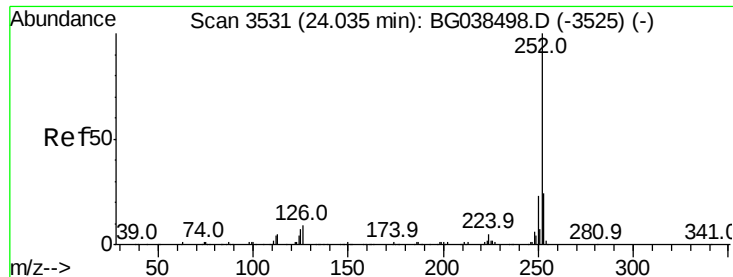
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#88
Benzo(b)fluoranthene
Concen: 52.754 ng
RT: 23.97 min Scan# 3554
Delta R.T. 0.01 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	6.0	5.5	8.3





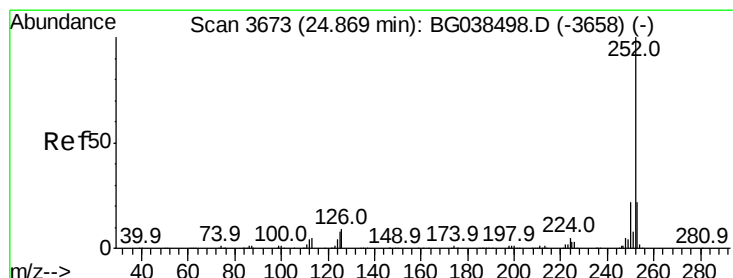
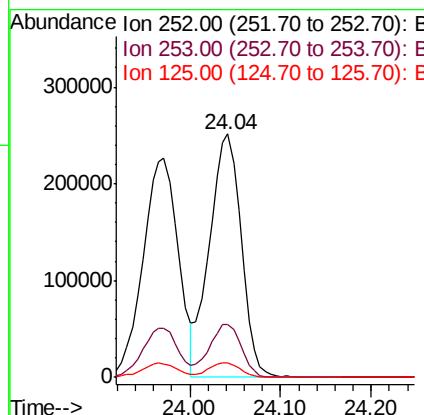
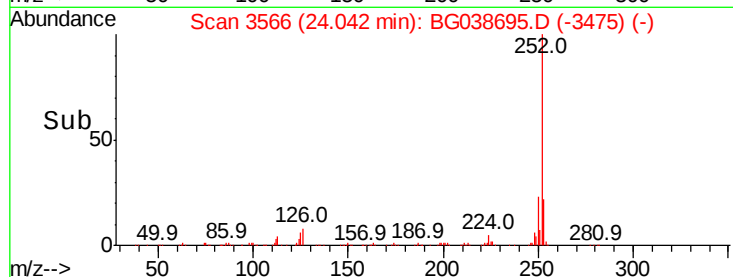
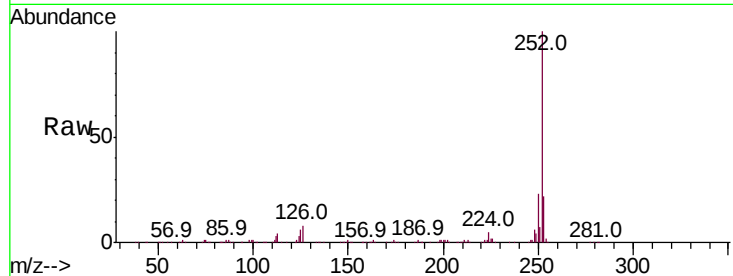
#89
Benzo(k)fluoranthene
Concen: 52.795 ng
RT: 24.04 min Scan# 3566
Delta R.T. 0.01 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MSD

Tot Ion:	252	Resp:	610519
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.9	28.3
125	5.8	5.4	8.2

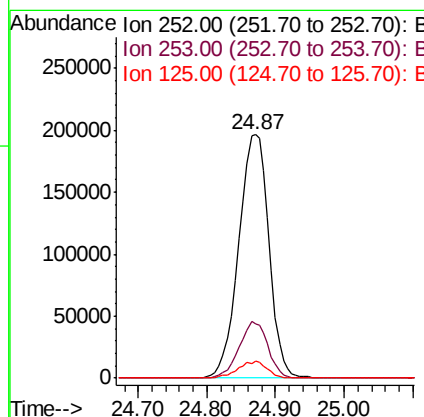
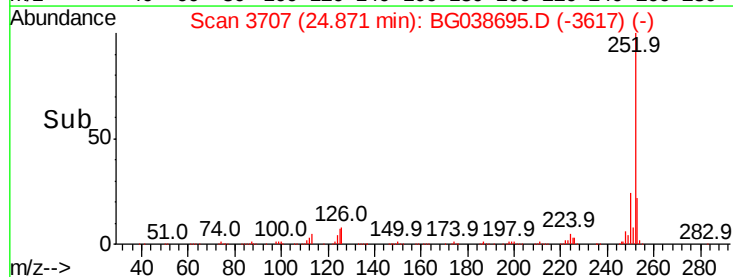
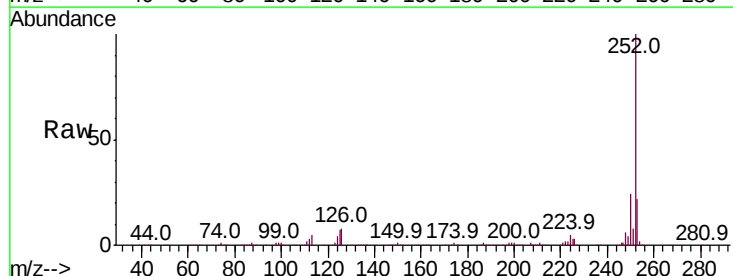
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#90
Benzo(a)pyrene
Concen: 53.750 ng
RT: 24.87 min Scan# 3707
Delta R.T. 0.00 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

Tgt Ion:	252	Resp:	602185
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.4	26.0
125	7.0	6.4	9.6





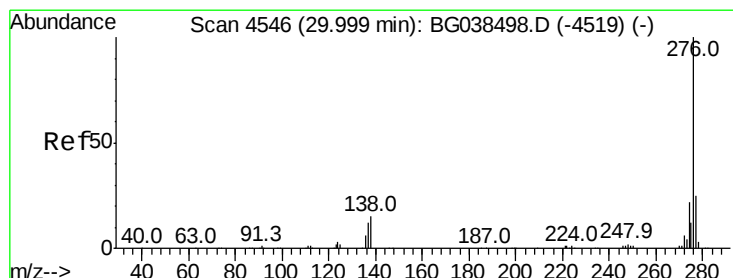
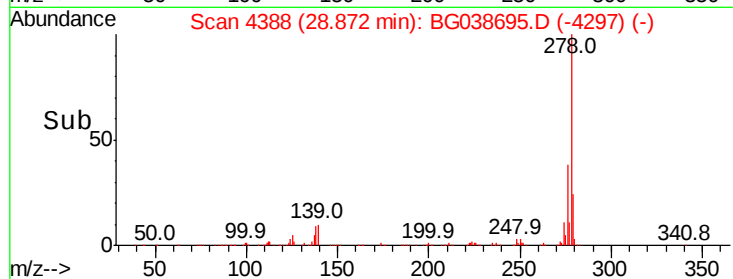
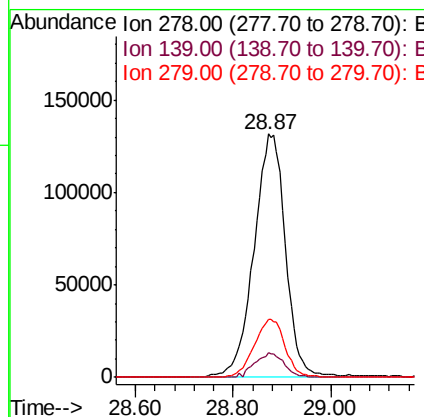
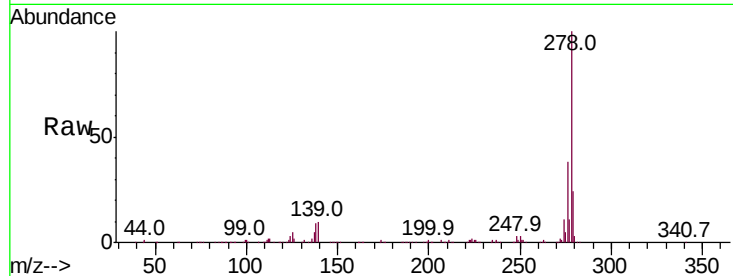
#91
Dibenzo(a,h)anthracene
Concen: 53.109 ng
RT: 28.87 min Scan# 4388
Delta R.T. 0.01 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.0	8.6	12.8
279	23.9	19.0	28.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 53.351 ng
RT: 30.01 min Scan# 4582
Delta R.T. 0.01 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.8	29.8
138	12.9	11.8	17.6

