

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

Quant Time: Dec 19 06:58:12 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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	R.T.	QIon	Response	Conc	Units	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	6040	14.658	ng	# 80
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

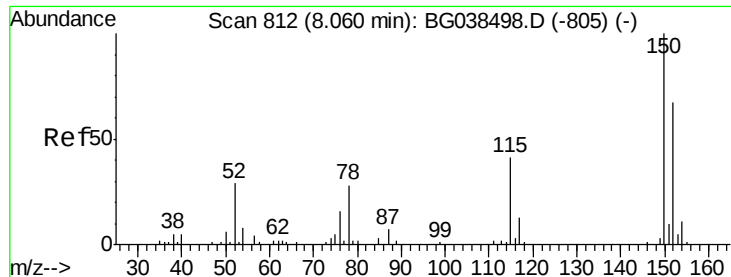
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121818\
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 Response via : Initial Calibration

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

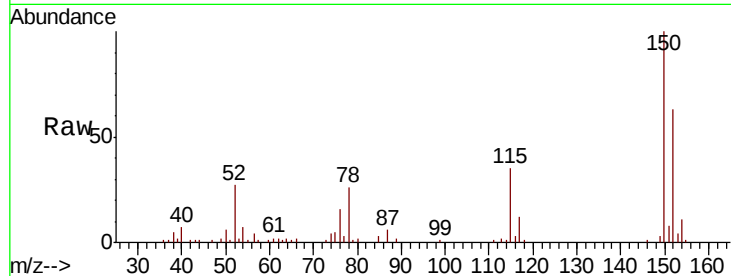
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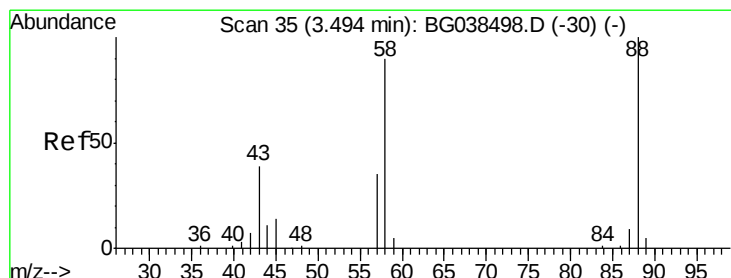
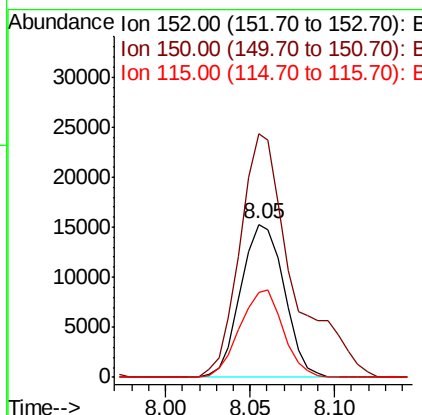
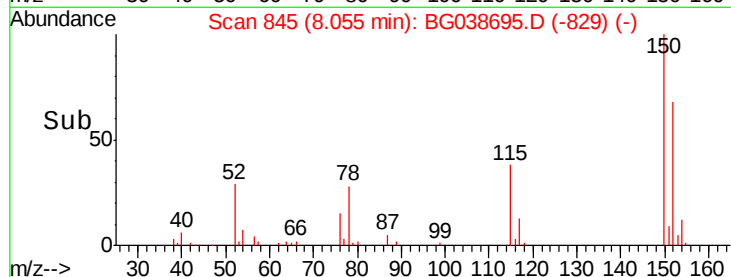
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BG038695.D
 Acq: 18 Dec 2018 15:22

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-04_121218MSD

Tgt Ion:152 Resp: 27433
 Ion Ratio Lower Upper
 152 100
 150 158.7 119.5 179.3
 115 55.1 49.6 74.4

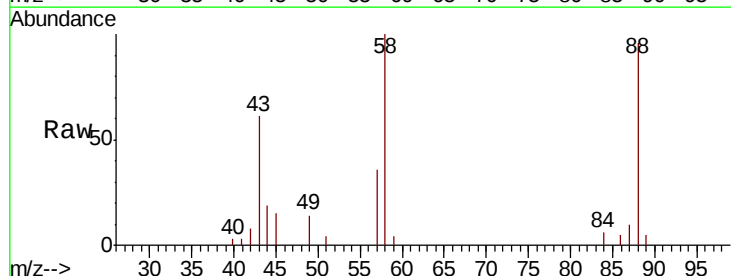


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

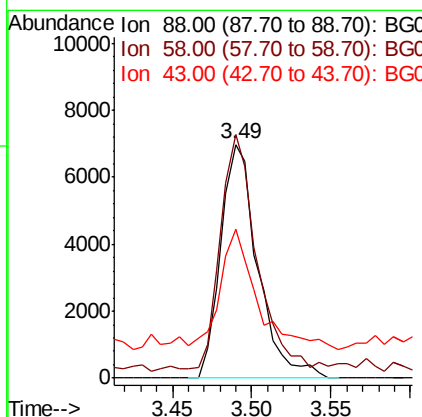
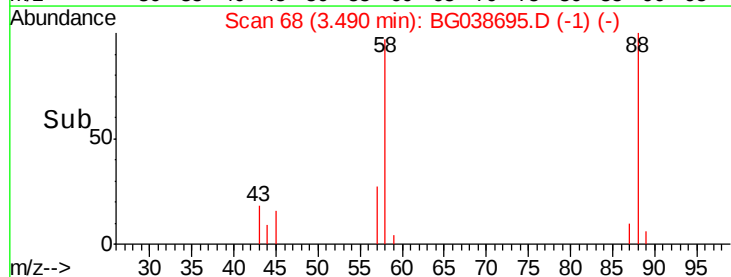


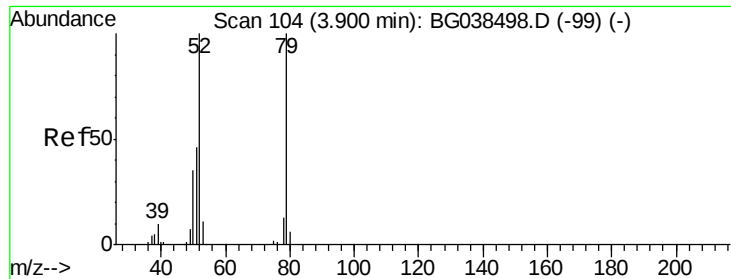
#2
 1,4-Dioxane
 Concen: 15.671 ng
 RT: 3.49 min Scan# 68
 Delta R.T. -0.00 min
 Lab File: BG038695.D
 Acq: 18 Dec 2018 15:22

Tgt Ion: 88 Resp: 11281
 Ion Ratio Lower Upper
 88 100
 58 98.0 75.7 113.5
 43 51.6 31.6 47.4#



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





#3

Pyridine

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

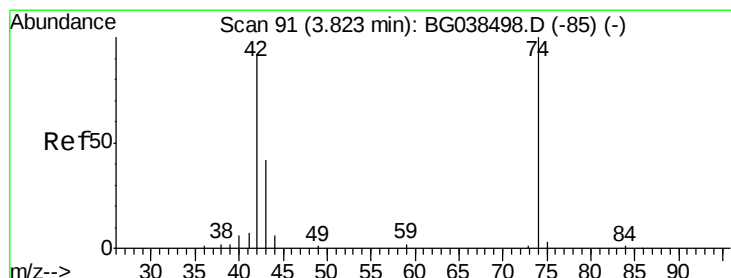
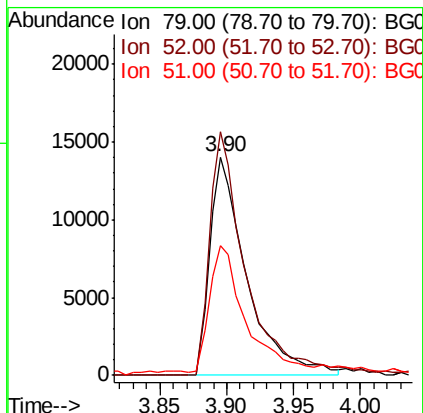
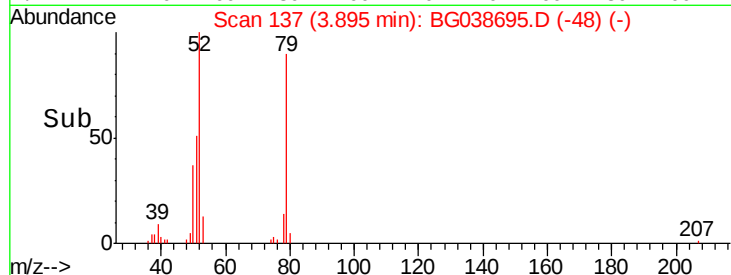
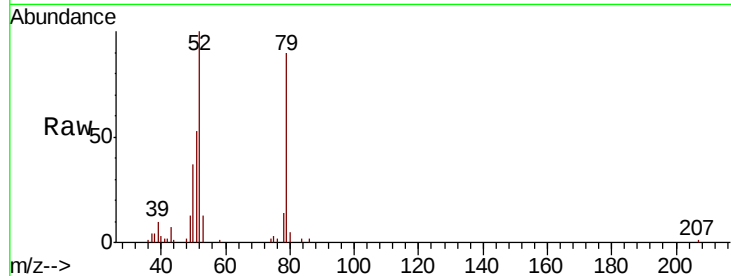
Tgt Ion: 79 Resp: 27298

Ion Ratio Lower Upper

79 100

52 111.6 80.2 120.2

51 59.3 38.0 57.0#



#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

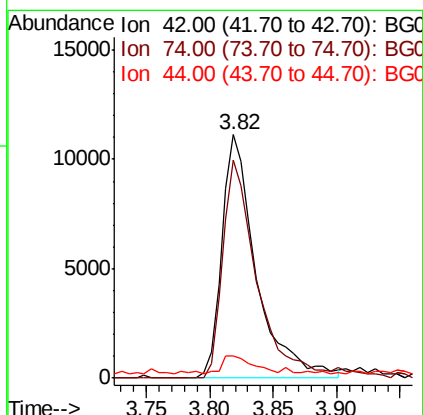
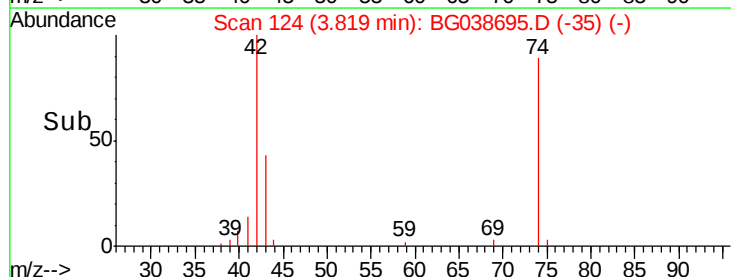
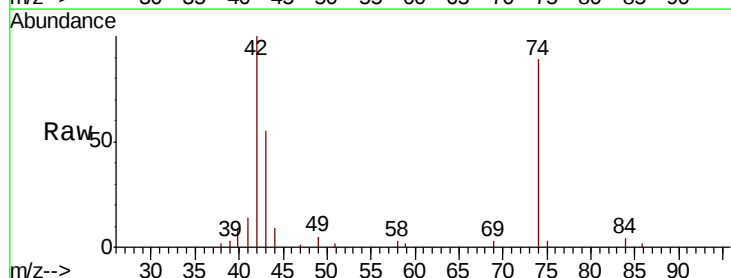
Tgt Ion: 42 Resp: 20920

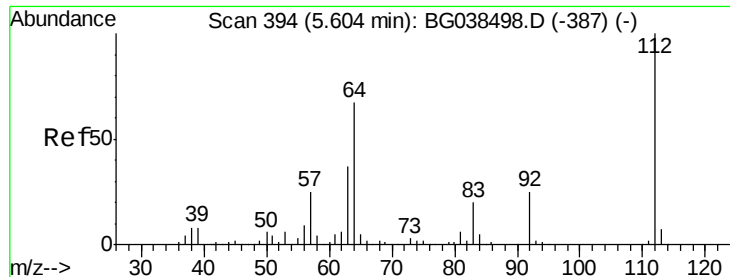
Ion Ratio Lower Upper

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

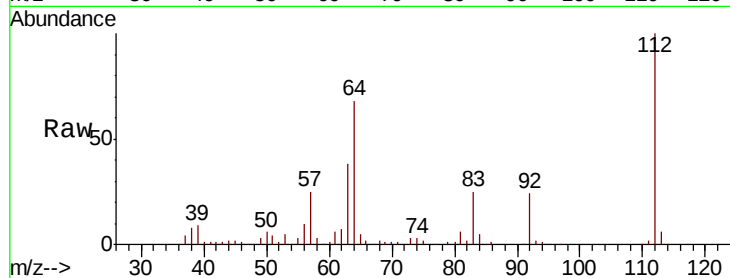
Tgt Ion: 112 Resp: 110285

Ion Ratio Lower Upper

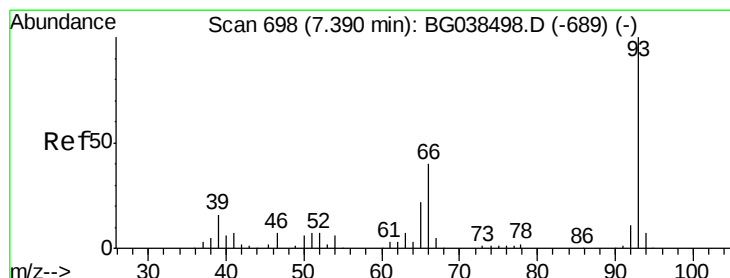
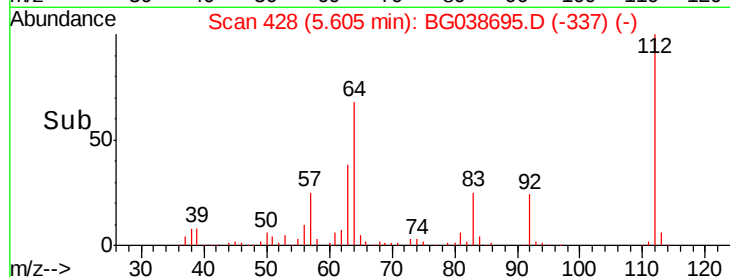
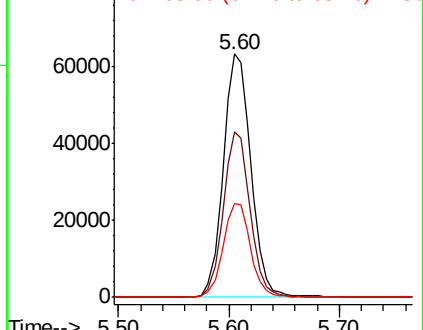
112 100

64 67.9 53.4 80.2

63 38.3 29.3 43.9



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#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

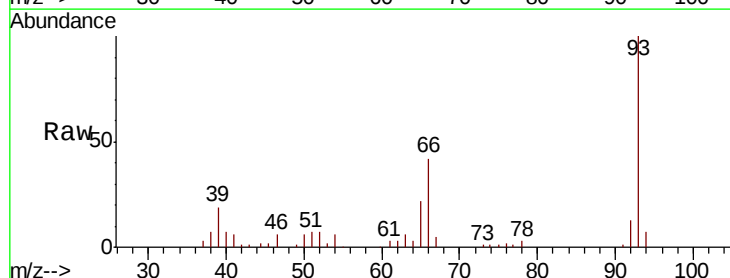
Tgt Ion: 93 Resp: 62590

Ion Ratio Lower Upper

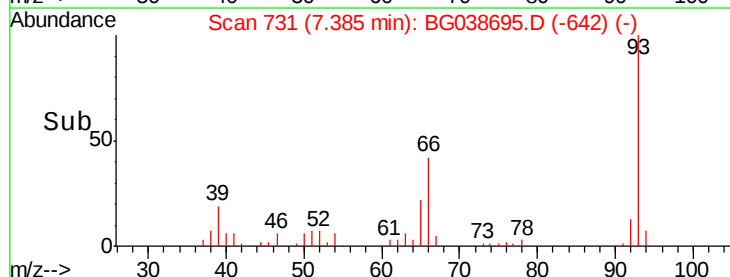
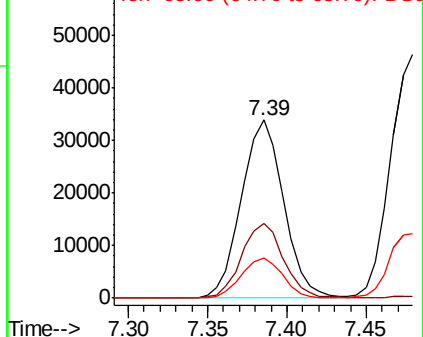
93 100

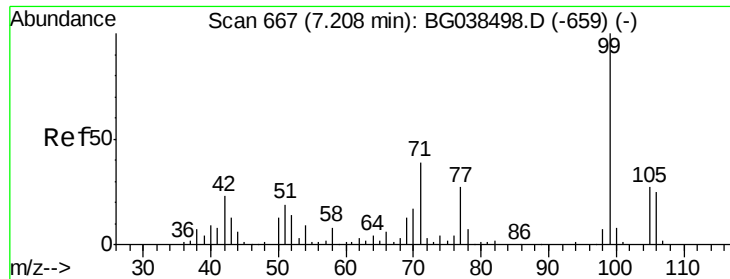
66 42.3 31.7 47.5

65 22.5 17.8 26.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#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

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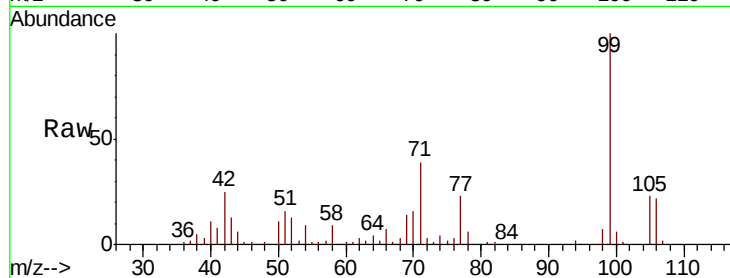
Tgt Ion: 99 Resp: 96297

Ion Ratio Lower Upper

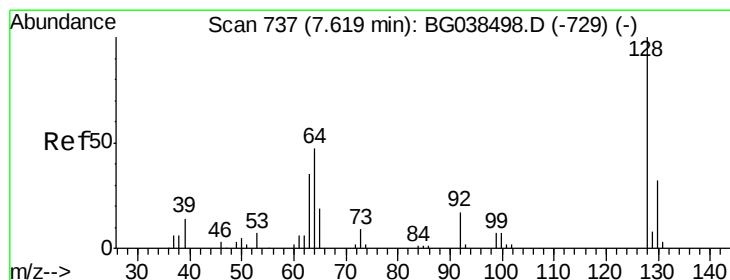
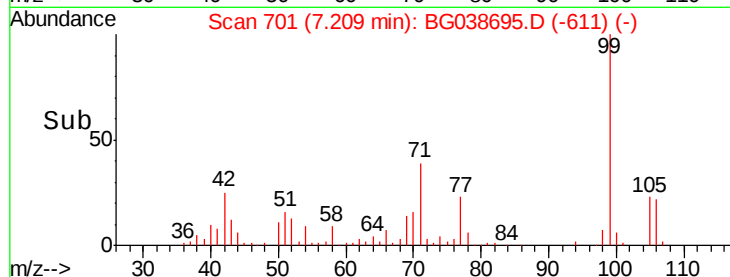
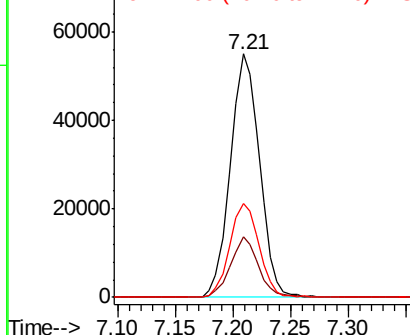
99 100

42 25.1 18.5 27.7

71 38.6 31.1 46.7



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

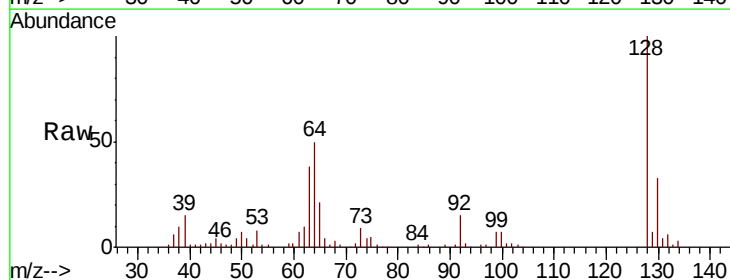
Tgt Ion: 128 Resp: 73520

Ion Ratio Lower Upper

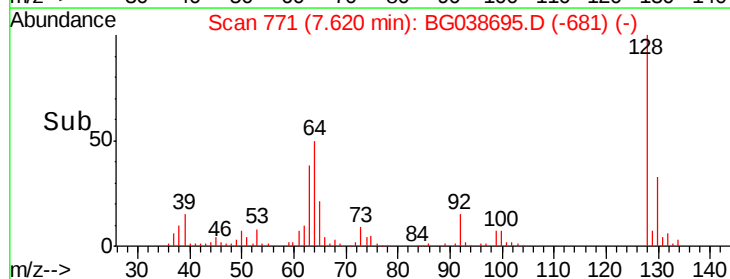
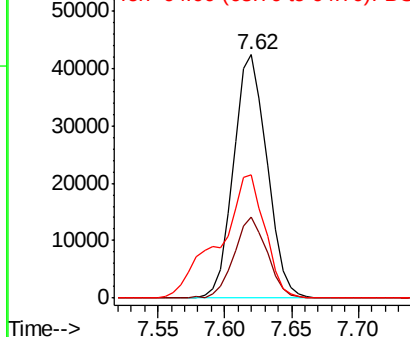
128 100

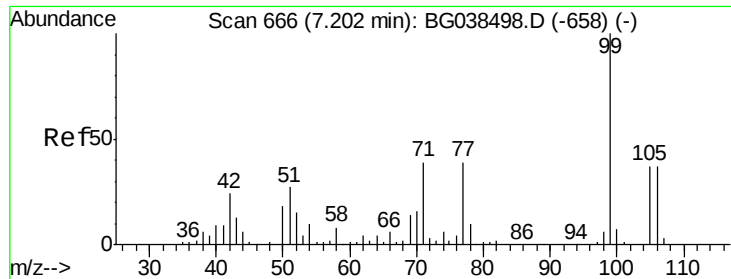
130 33.4 11.8 51.8

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





#9

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 :

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ClientSampleId :

PR-MW-04_121218MSD

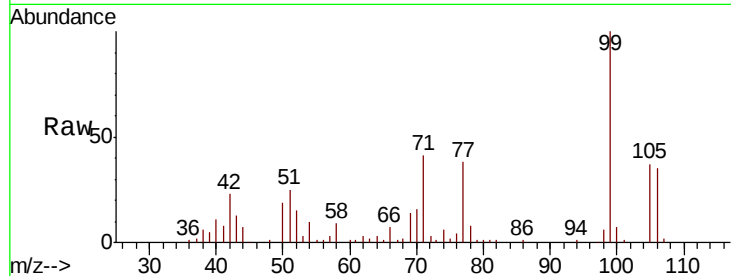
Tgt Ion: 77 Resp: 31260

Ion Ratio Lower Upper

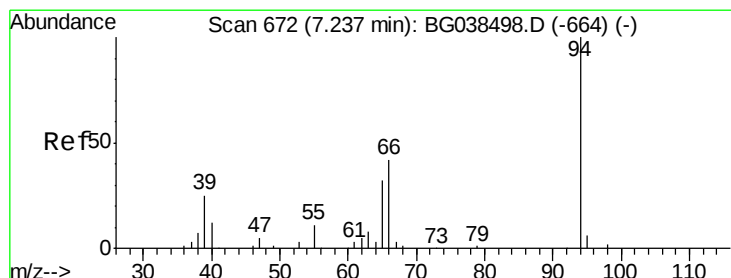
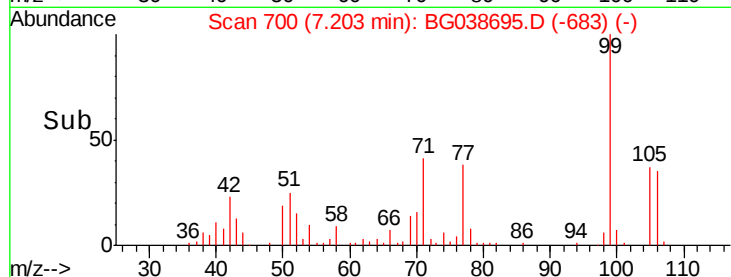
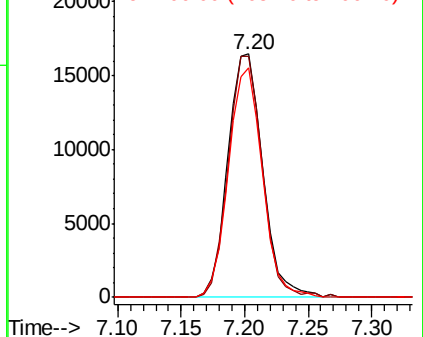
77 100

105 99.1 74.0 114.0

106 94.5 73.9 113.9



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



#10

Phenol

Concen: 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

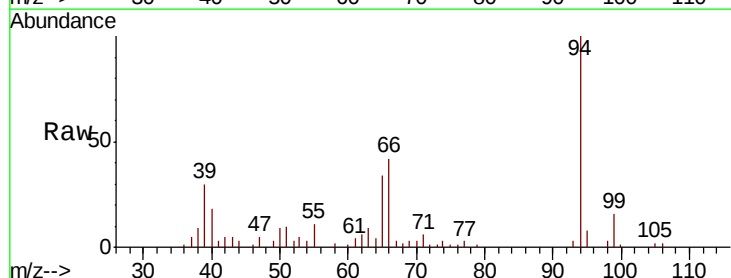
Tgt Ion: 94 Resp: 38343

Ion Ratio Lower Upper

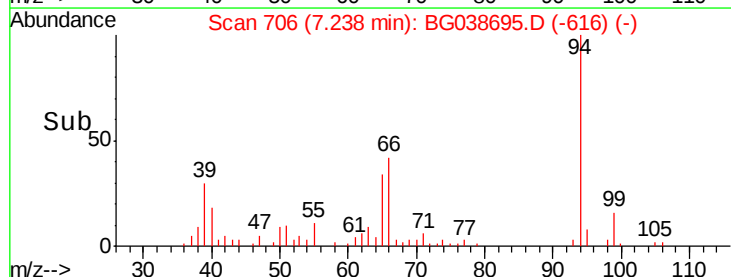
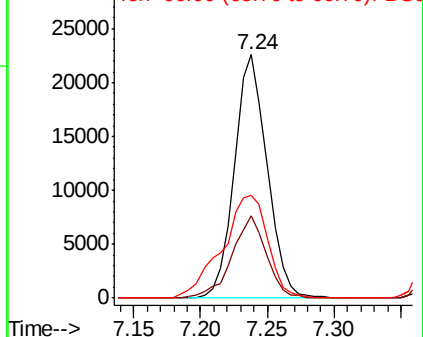
94 100

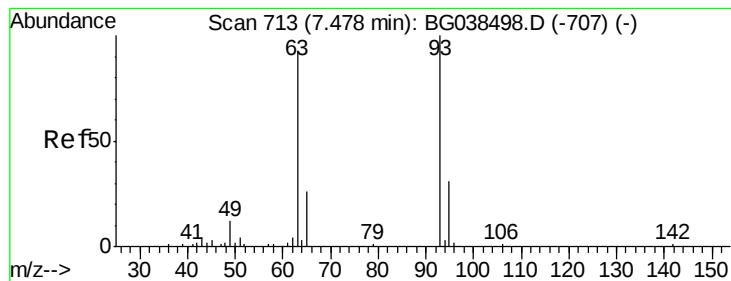
65 33.8 12.6 52.6

66 42.5 24.1 64.1



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





#11

bis(2-Chloroethyl)ether

Concen: 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

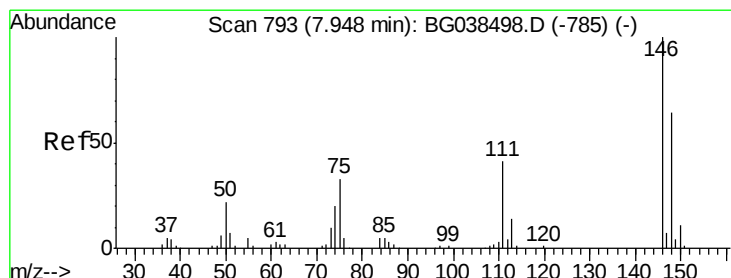
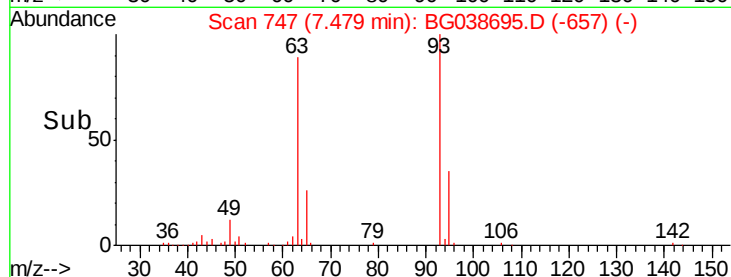
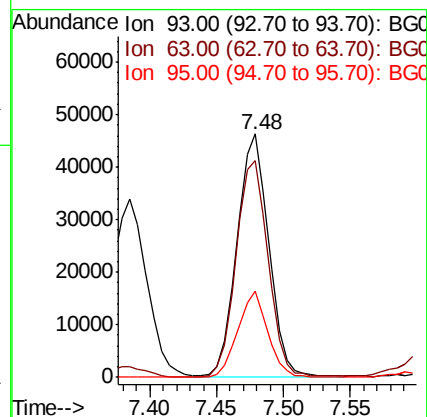
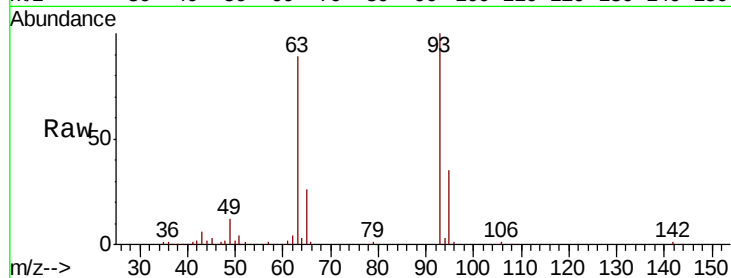
Tgt Ion: 93 Resp: 76996

Ion Ratio Lower Upper

93 100

63 88.9 72.2 112.2

95 35.5 11.2 51.2



#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

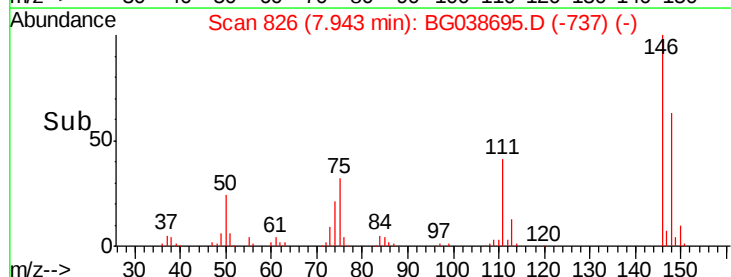
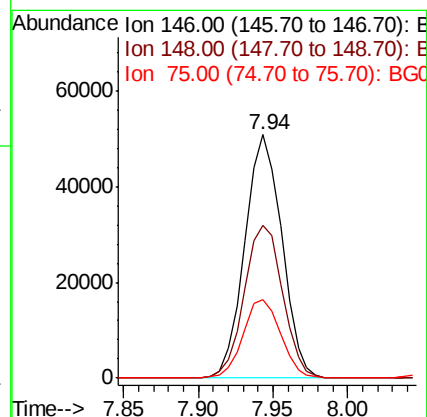
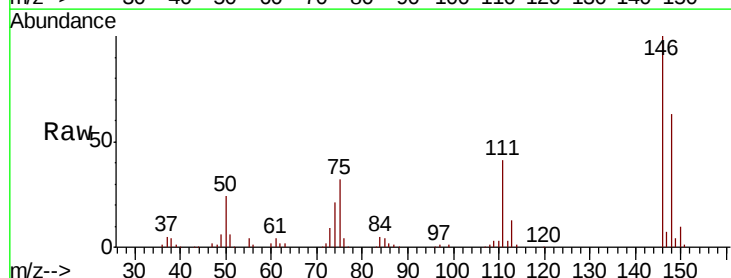
Tgt Ion: 146 Resp: 87428

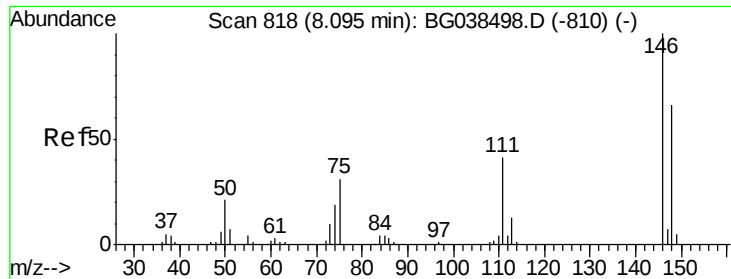
Ion Ratio Lower Upper

146 100

148 62.9 51.4 77.0

75 32.5 26.1 39.1

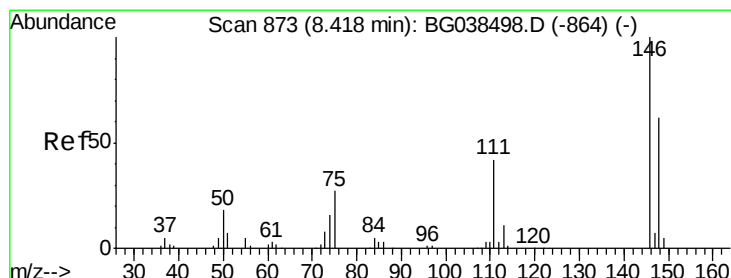
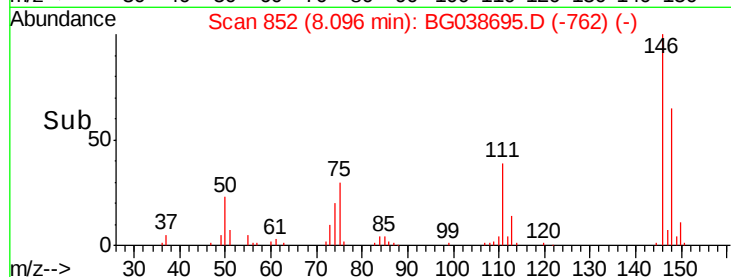
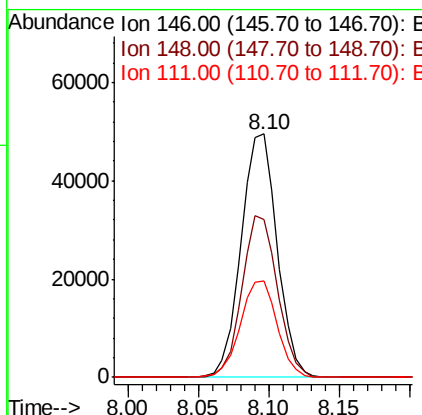
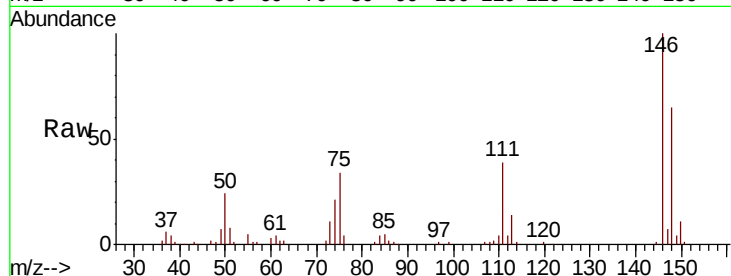




#13
 1,4-Dichlorobenzene
 Concen: 40.902 ng
 RT: 8.10 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BG038695.D
 Acq: 18 Dec 2018 15:22

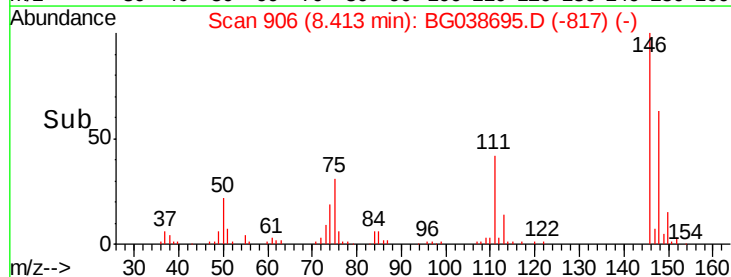
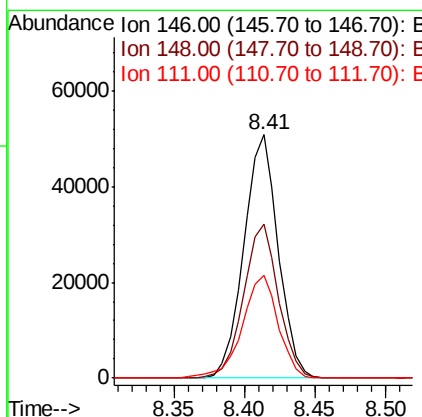
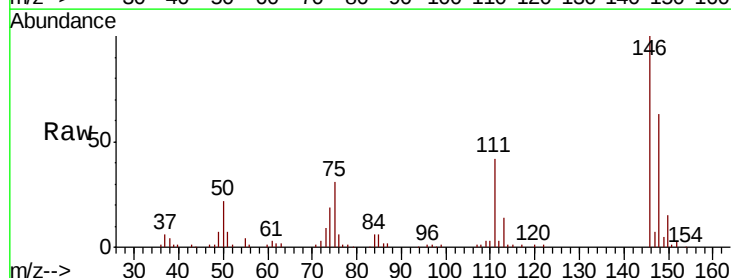
Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-04_121218MSD

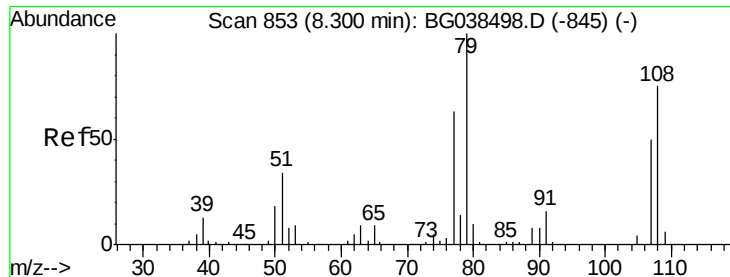
Tgt Ion:146 Resp: 88653
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.4 78.6
 111 39.4 33.0 49.4



#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:146 Resp: 86589
 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

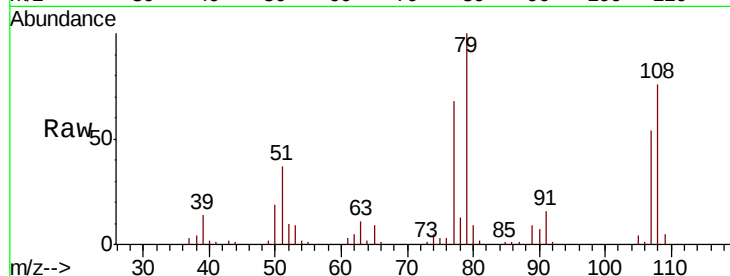
Tgt Ion: 79 Resp: 50789

Ion Ratio Lower Upper

79 100

108 76.2 60.2 90.4

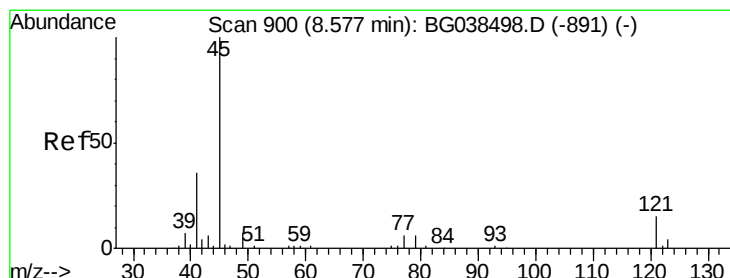
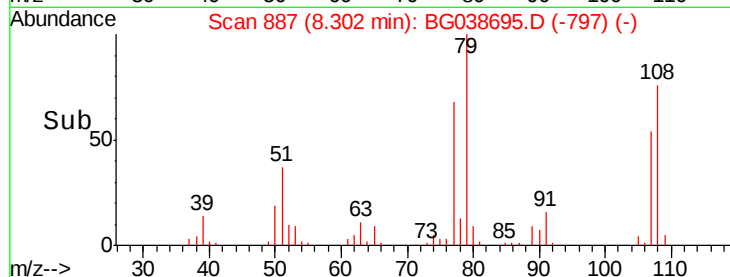
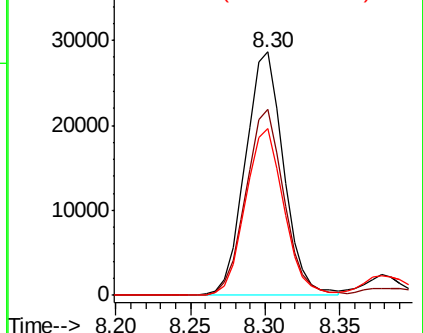
77 68.3 50.7 76.1



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#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

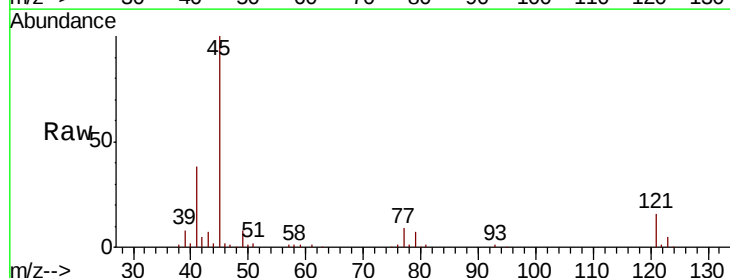
Tgt Ion: 45 Resp: 171255

Ion Ratio Lower Upper

45 100

77 9.0 0.0 28.2

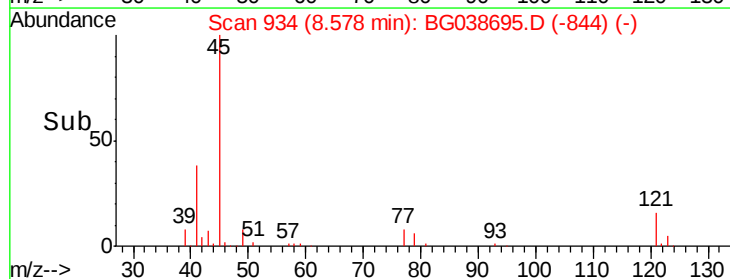
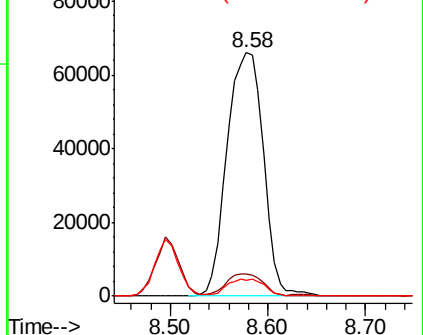
79 6.5 0.0 27.2

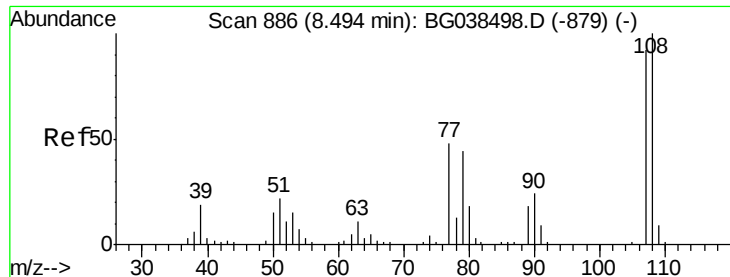


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

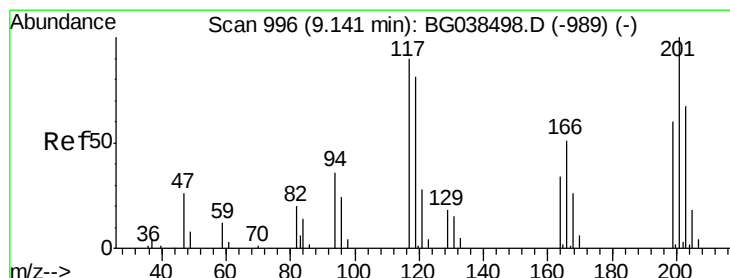
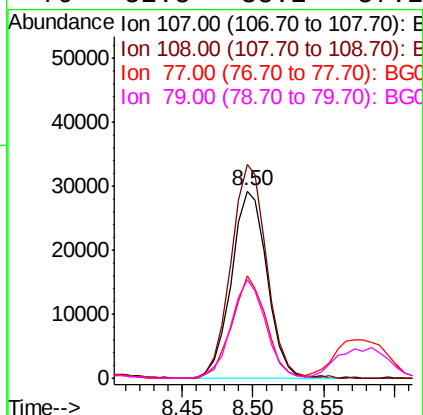
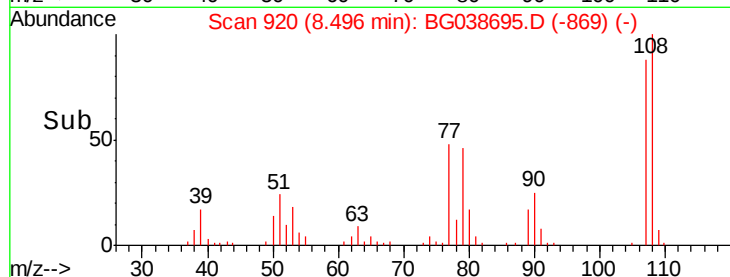
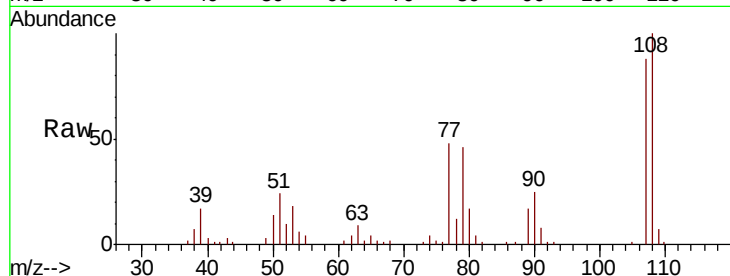




#17
2-Methylphenol
Concen: 33.825 ng
RT: 8.50 min Scan# 920
Delta R.T. 0.00 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

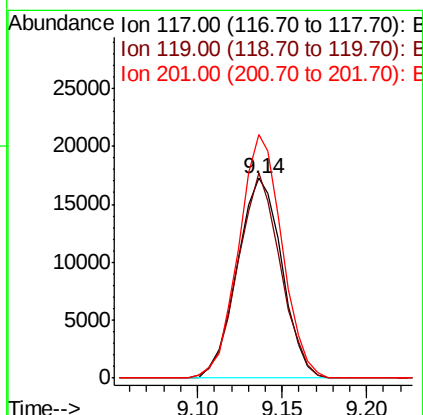
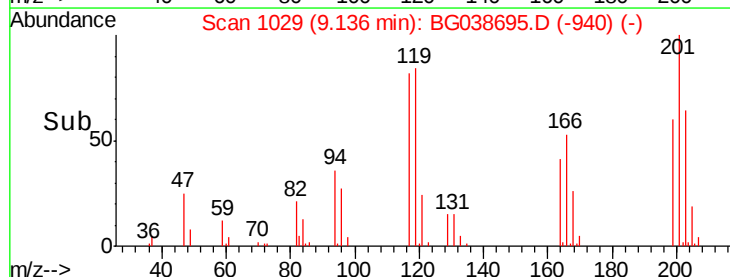
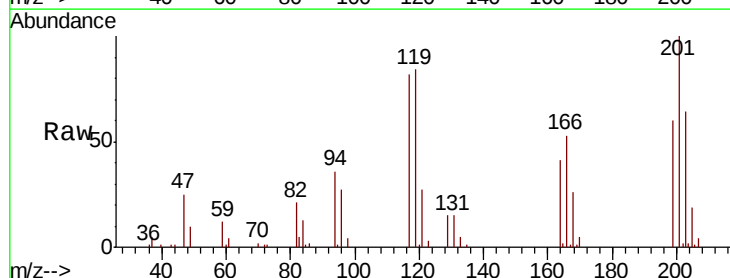
Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MSD

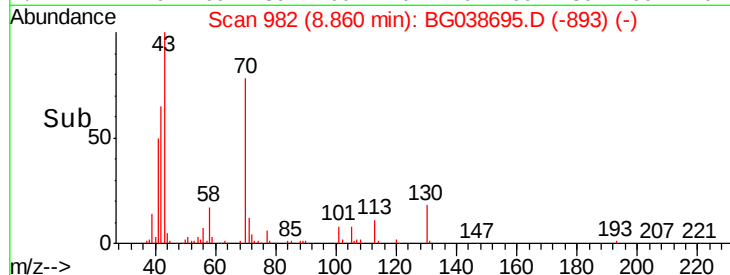
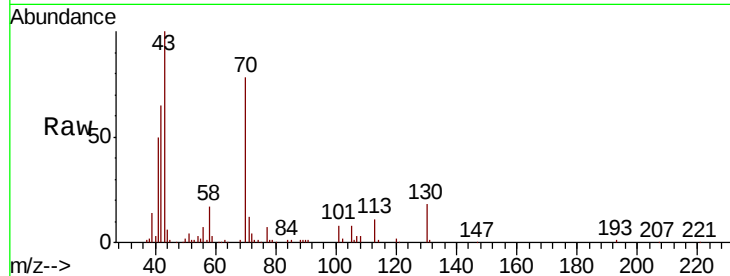
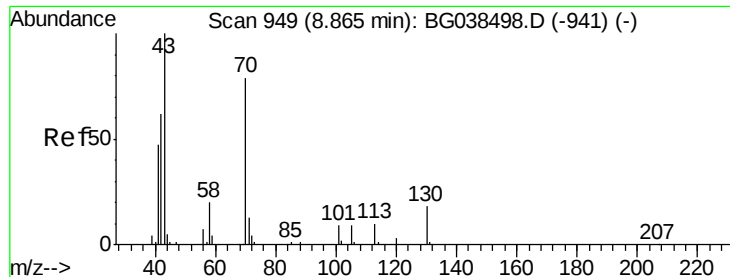
Tgt Ion:107 Resp: 51121
Ion Ratio Lower Upper
107 100
108 114.0 87.1 130.7
77 54.9 42.0 63.0
79 52.8 38.2 57.2



#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:117 Resp: 31604
Ion Ratio Lower Upper
117 100
119 102.7 73.8 110.8
201 122.0 89.4 134.0

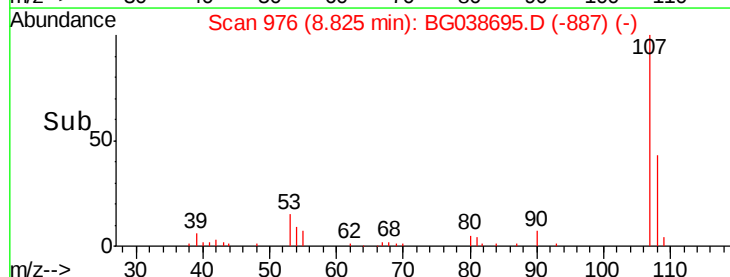
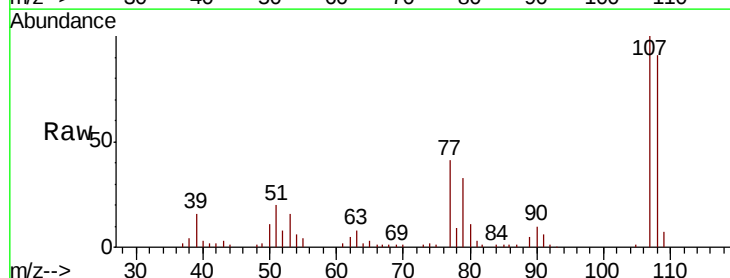
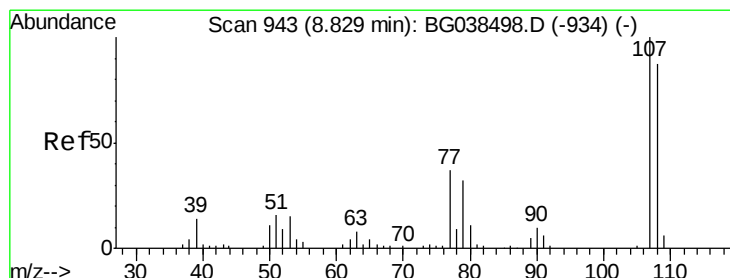
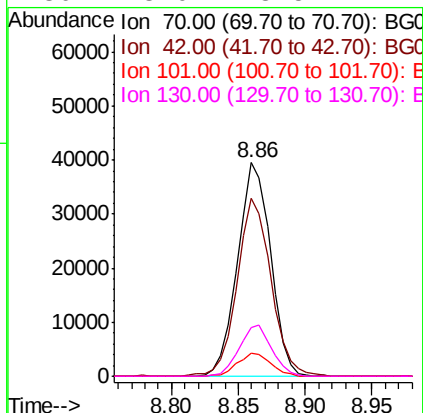




#19
n-Nitroso-di-n-propylamine
Concen: 45.253 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

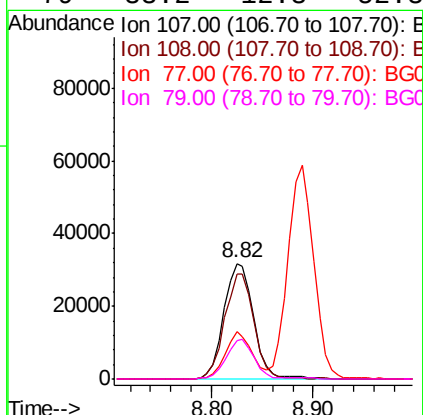
Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MSD

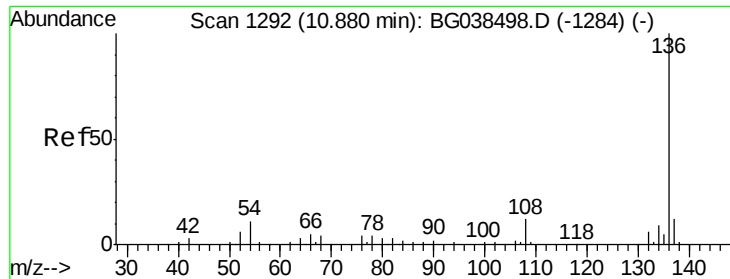
Tgt Ion:	70	Resp:	67486
Ion	Ratio	Lower	Upper
70	100		
42	83.1	63.6	95.4
101	10.7	9.2	13.8
130	23.0	18.5	27.7



#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:	107	Resp:	64273
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

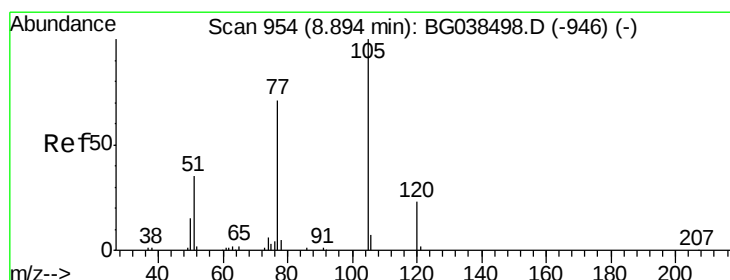
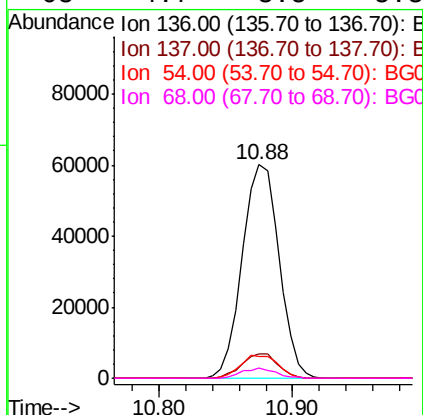
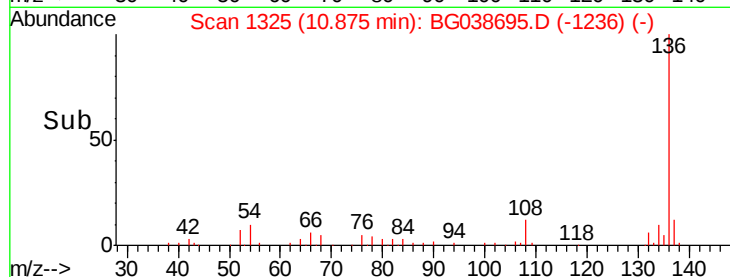
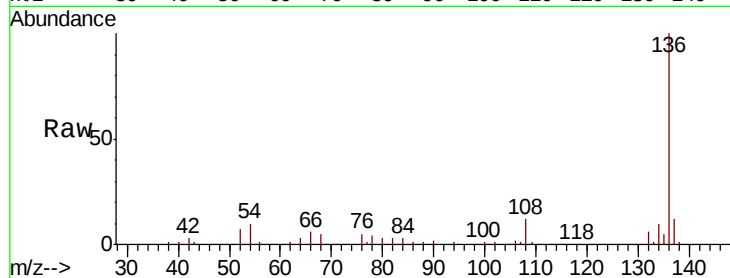




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

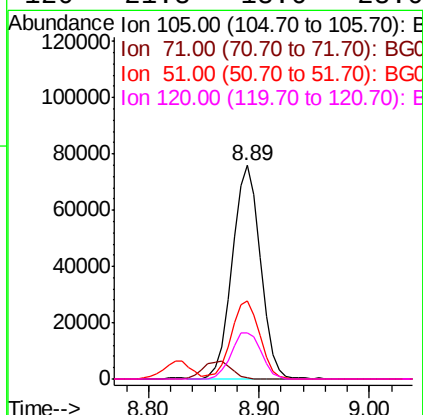
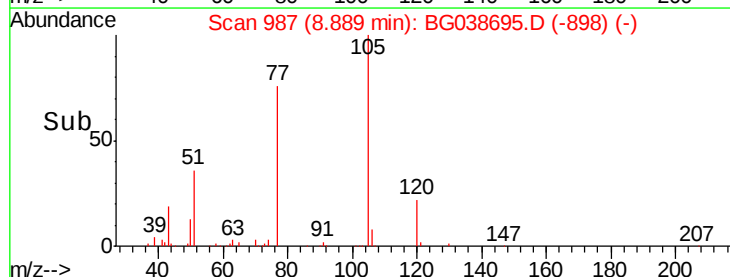
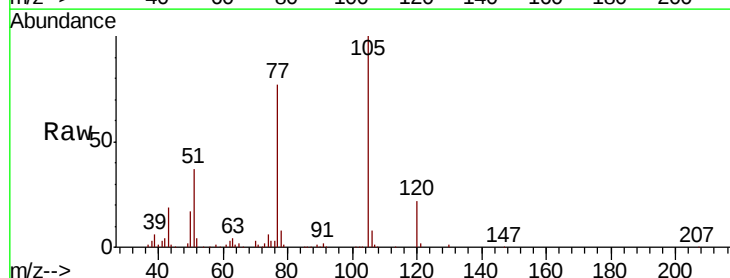
Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MSD

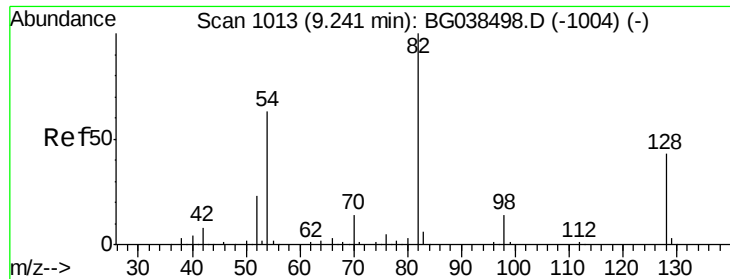
Tgt Ion:	136	Resp:	114839
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	10.0	8.5	12.7
68	4.7	3.5	5.3



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

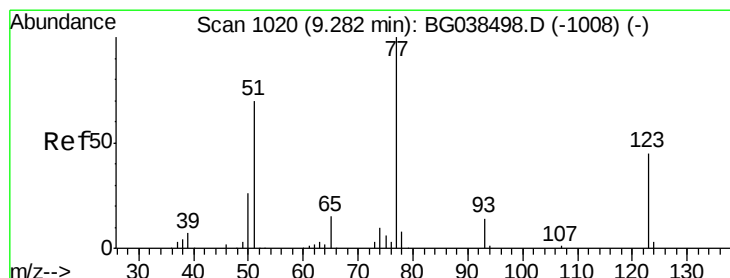
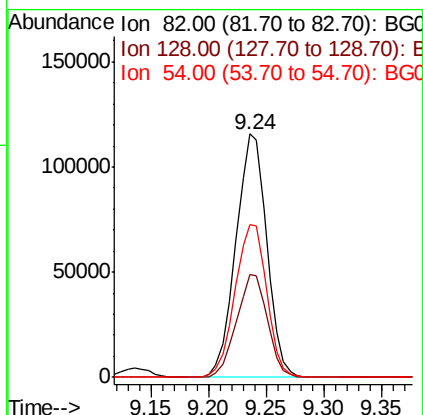
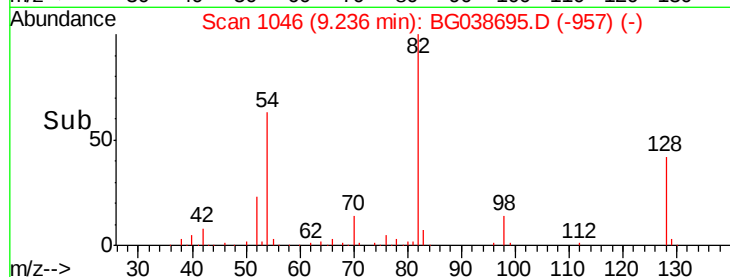
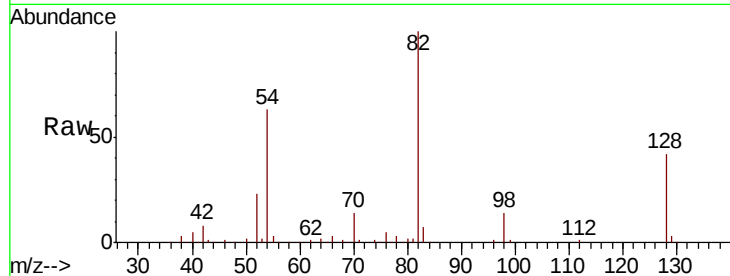




#23
Nitrobenzene-d5
Concen: 95.372 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

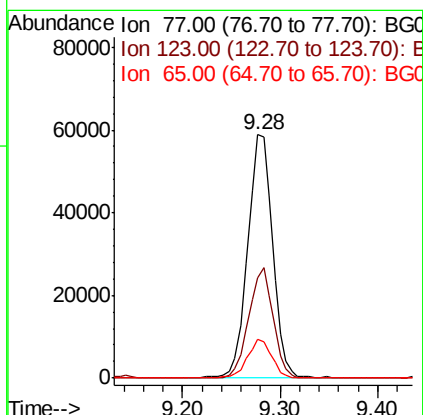
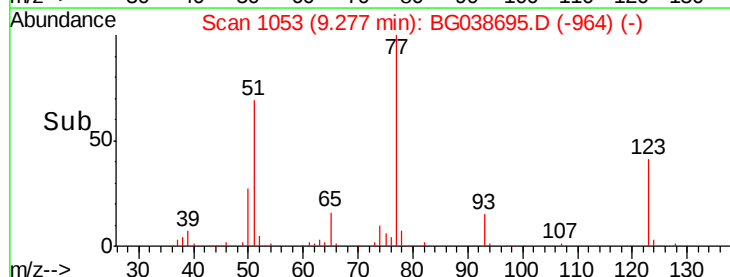
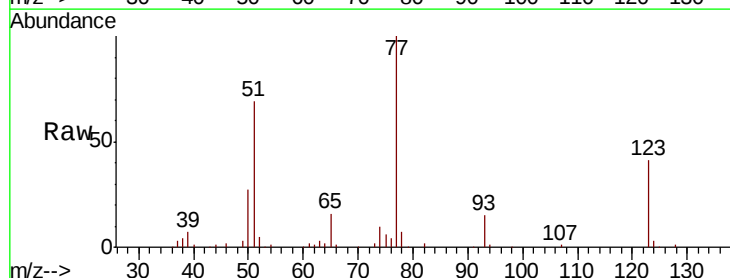
Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MSD

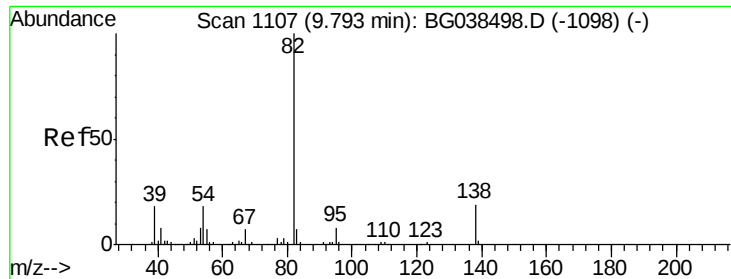
Tgt Ion: 82 Resp: 214388
Ion Ratio Lower Upper
82 100
128 42.2 34.6 52.0
54 62.7 50.6 76.0



#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: 77 Resp: 104871
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

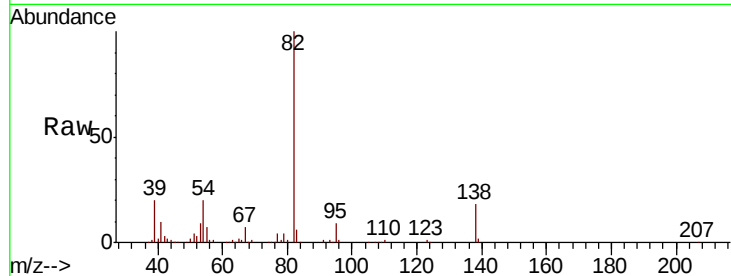
Tgt Ion: 82 Resp: 193647

Ion Ratio Lower Upper

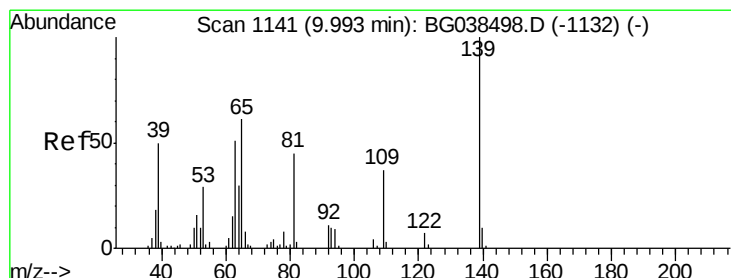
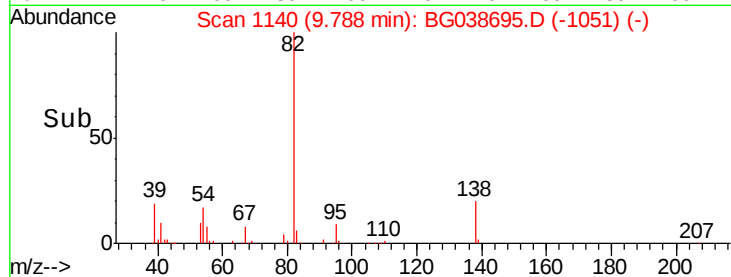
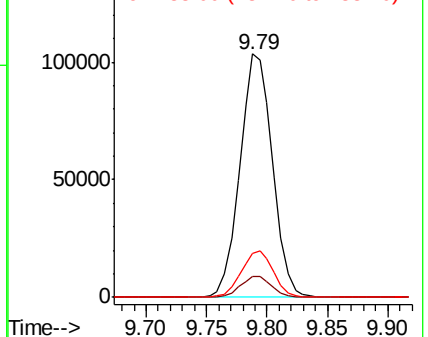
82 100

95 8.7 6.1 9.1

138 18.1 14.9 22.3



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

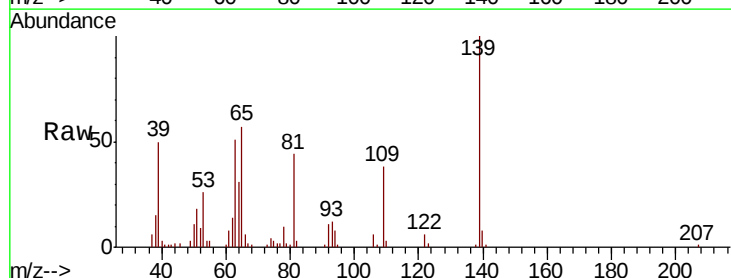
Tgt Ion: 139 Resp: 51894

Ion Ratio Lower Upper

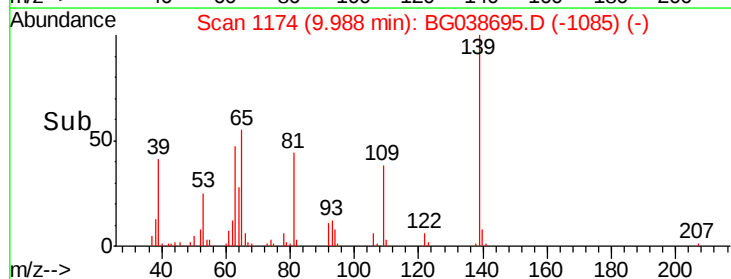
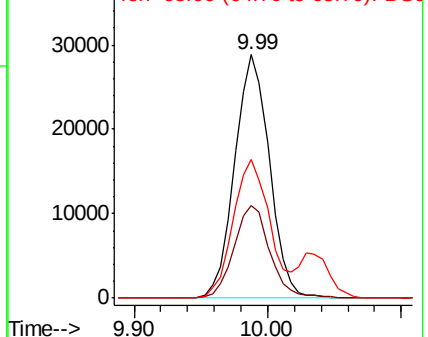
139 100

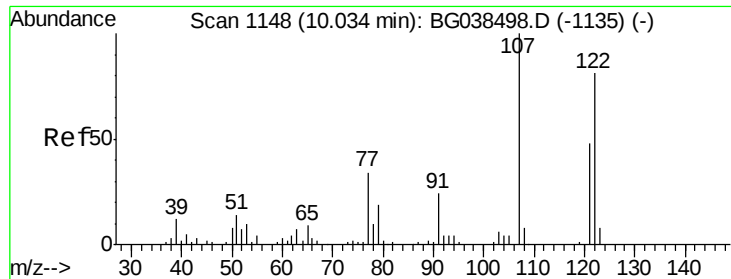
109 38.2 29.5 44.3

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

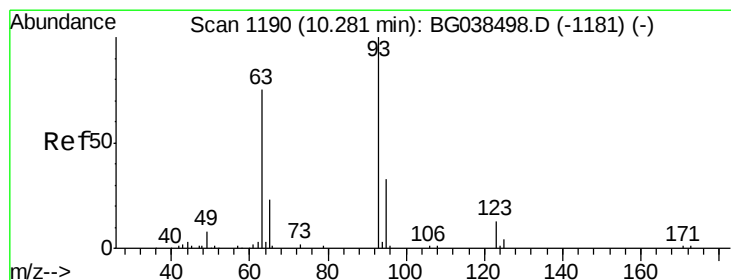
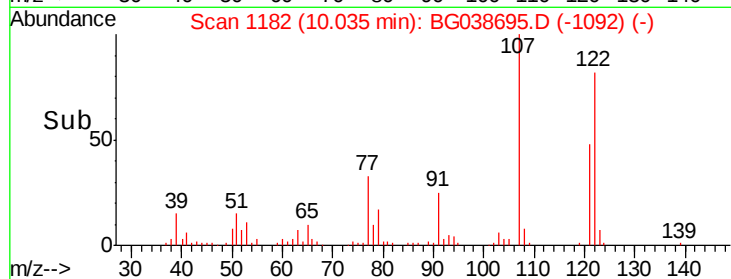
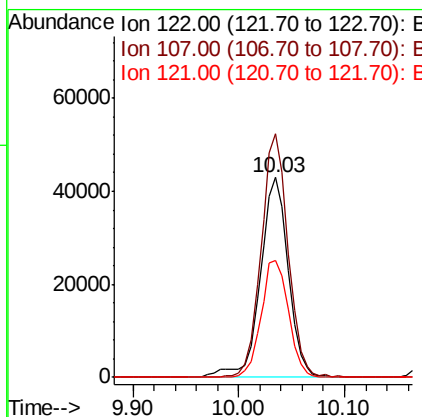
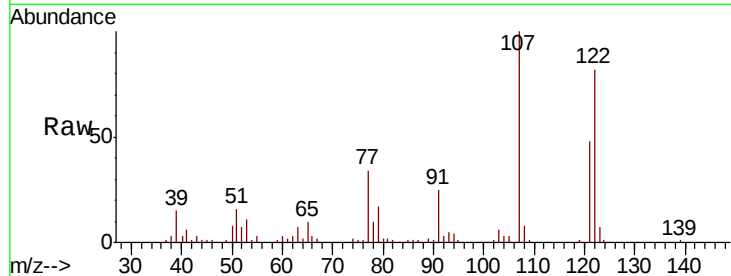




#27
2,4-Dimethylphenol
Concen: 47.420 ng
RT: 10.03 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

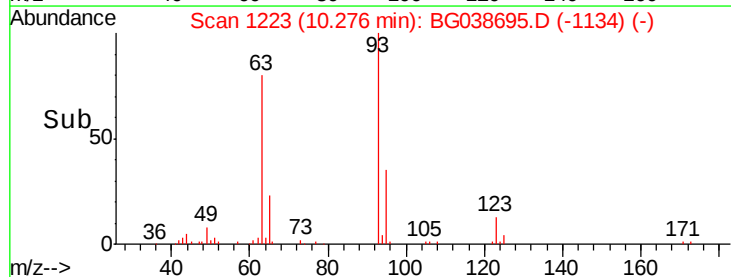
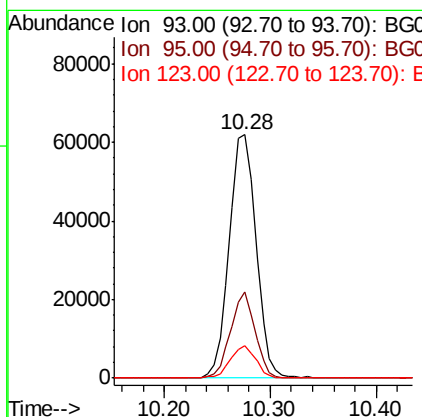
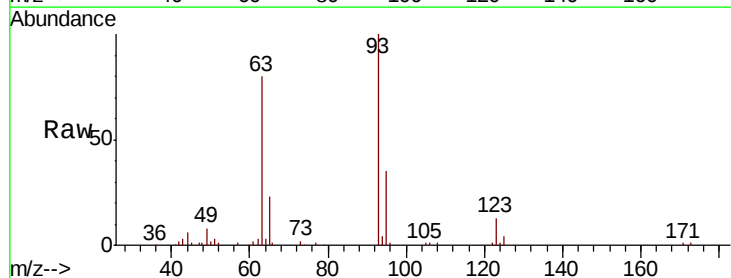
Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MSD

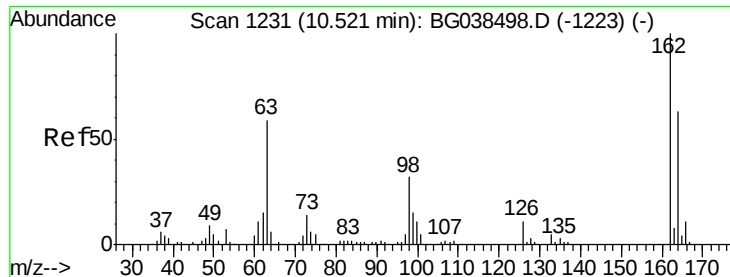
Tgt Ion: 122 Resp: 79100
Ion Ratio Lower Upper
122 100
107 121.8 98.4 147.6
121 58.7 47.2 70.8



#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: 93 Resp: 108951
Ion Ratio Lower Upper
93 100
95 35.1 26.6 40.0
123 13.1 10.6 16.0

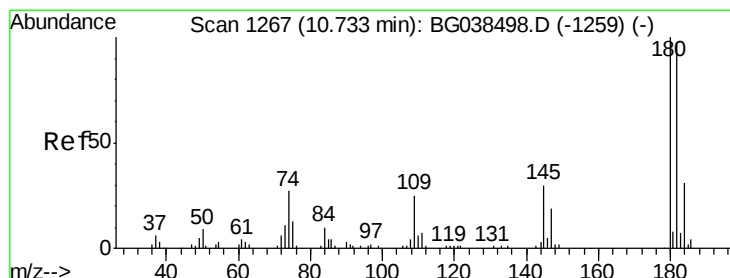
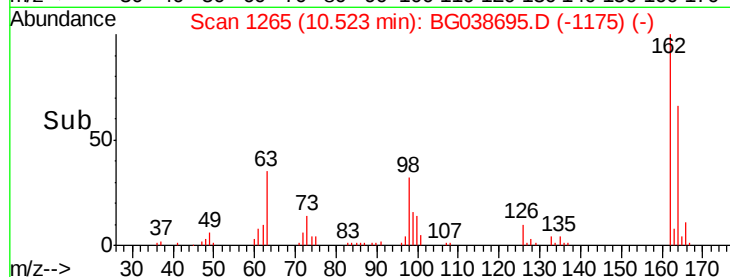
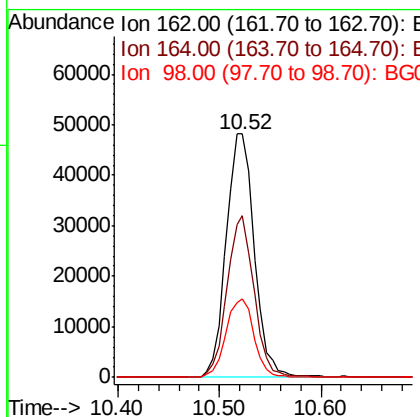
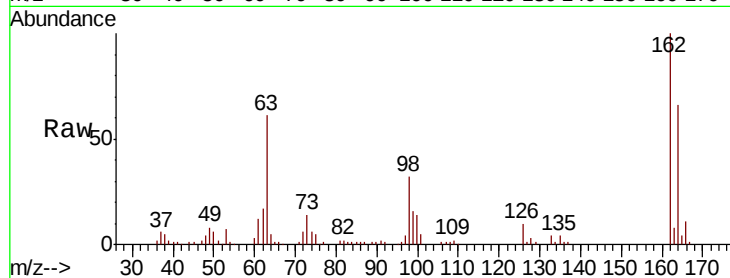




#29
 2,4-Dichlorophenol
 Concen: 50.154 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. 0.00 min
 Lab File: BG038695.D
 Acq: 18 Dec 2018 15:22

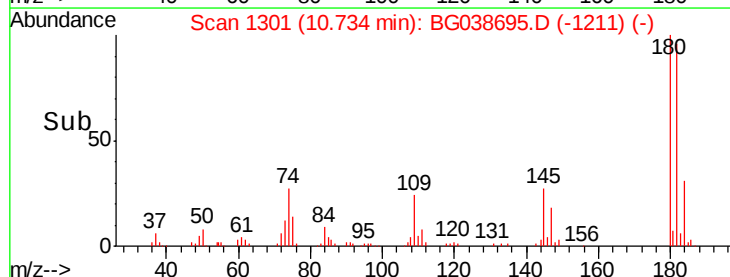
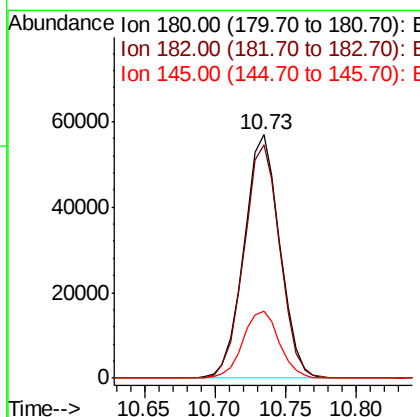
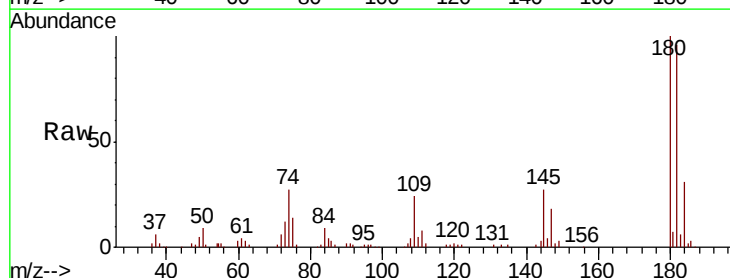
Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-04_121218MSD

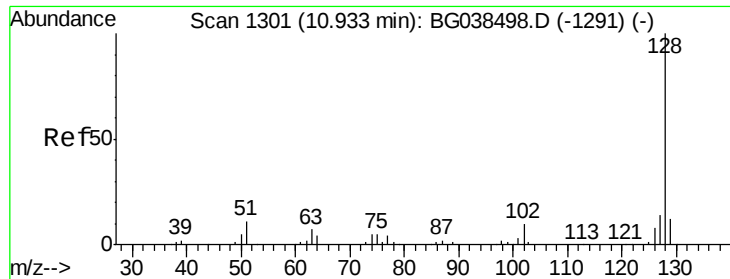
Tgt Ion:162 Resp: 93070
 Ion Ratio Lower Upper
 162 100
 164 66.3 42.9 82.9
 98 32.1 12.1 52.1



#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:180 Resp: 101091
 Ion Ratio Lower Upper
 180 100
 182 96.0 77.4 116.0
 145 27.3 24.1 36.1

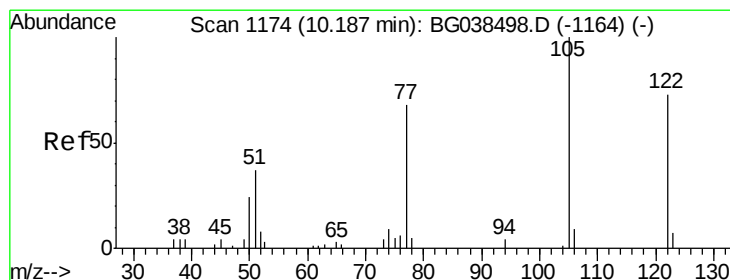
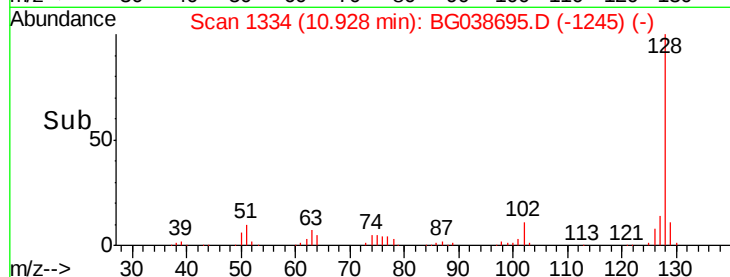
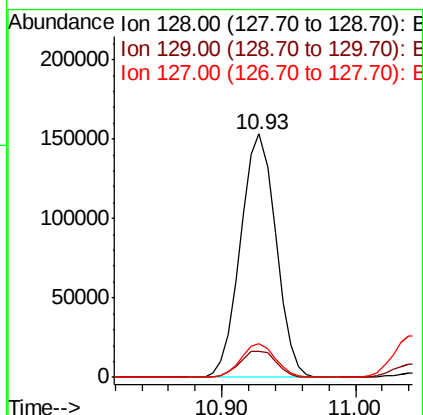
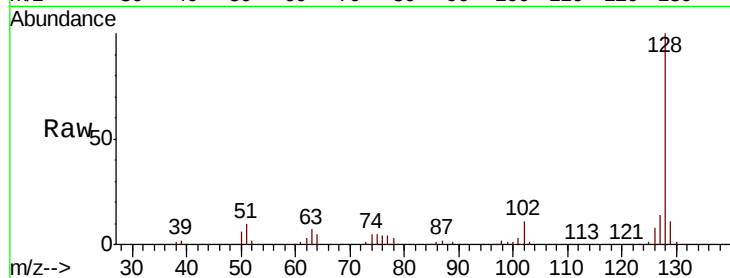




#31
Naphthalene
Concen: 49.712 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

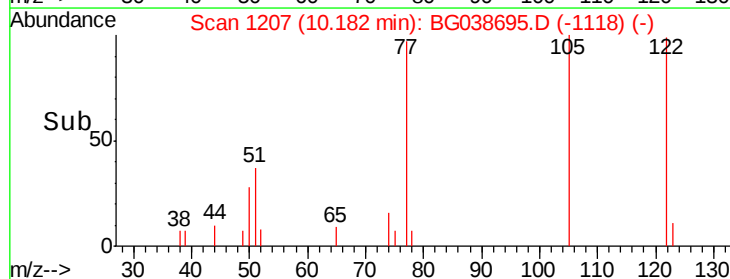
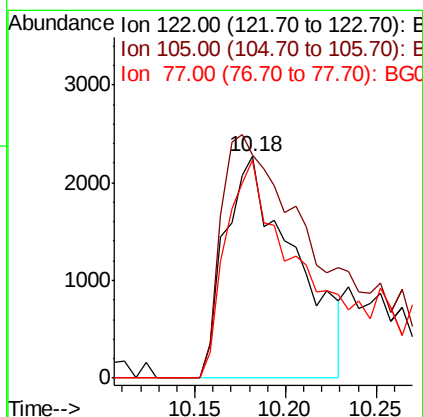
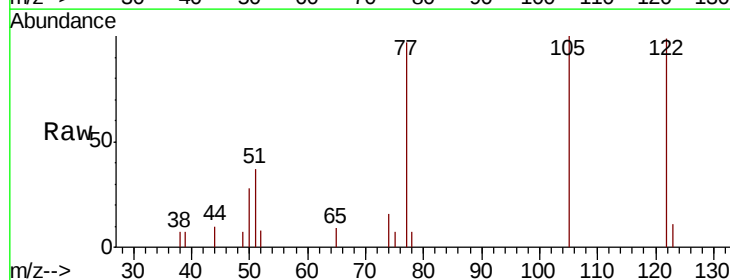
Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MSD

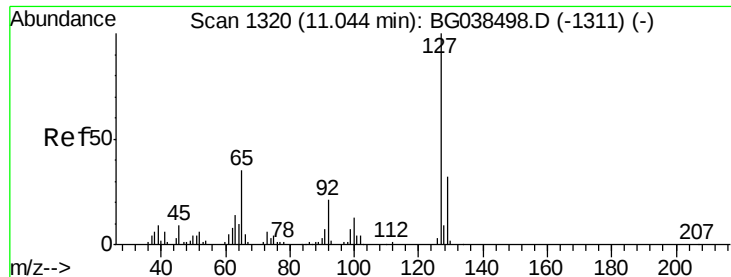
Tgt Ion:128 Resp: 281283
Ion Ratio Lower Upper
128 100
129 10.6 9.5 14.3
127 13.7 10.9 16.3



#32
Benzoic acid
Concen: 14.658 ng
RT: 10.18 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

Tgt Ion:122 Resp: 6040
Ion Ratio Lower Upper
122 100
105 100.9 116.7 156.7#
77 98.2 72.5 112.5

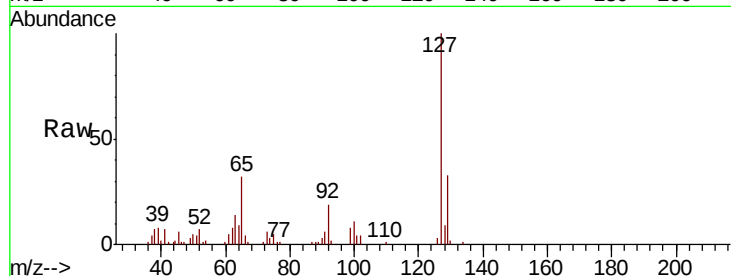




#33
4-Chloroaniline
Concen: 22.222 ng
RT: 11.05 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MSD

Tgt Ion:	127	Resp:	54590
Ion	Ratio	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



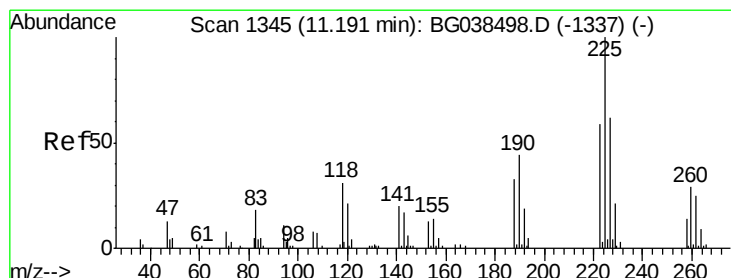
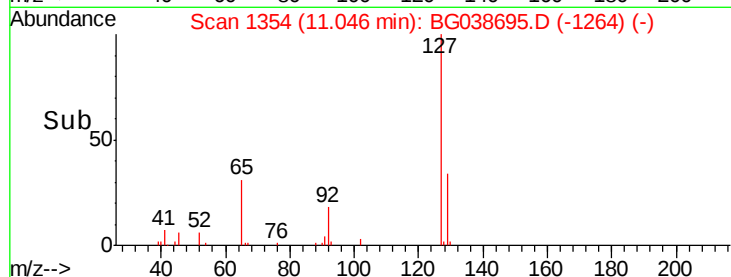
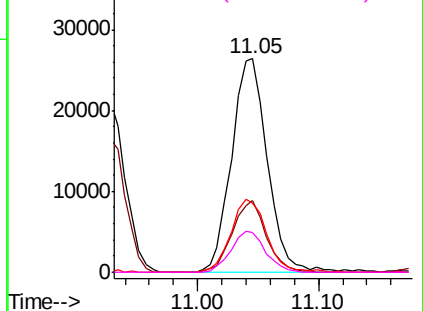
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

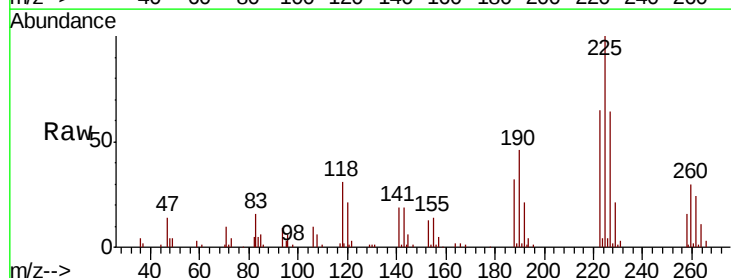
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 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:	225	Resp:	65002
Ion	Ratio	Lower	Upper
225	100		
223	66.3	45.0	67.6
227	63.5	50.6	75.8

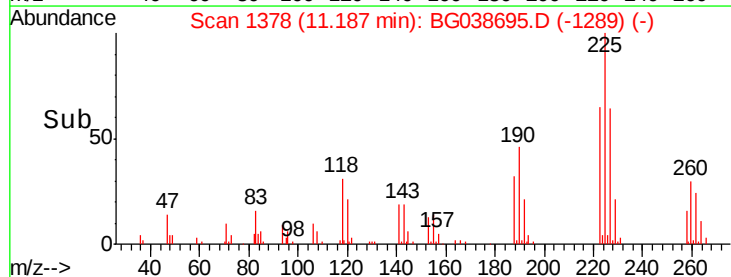
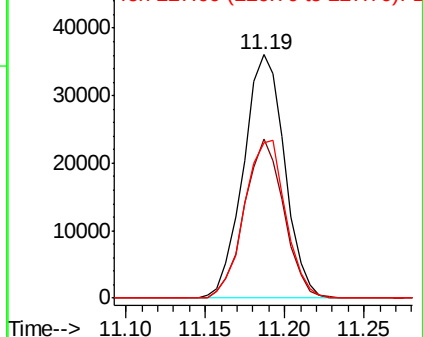


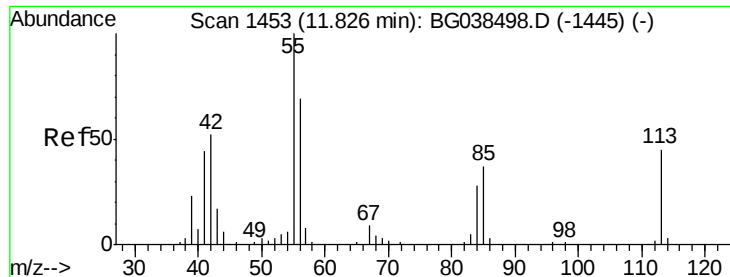
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 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

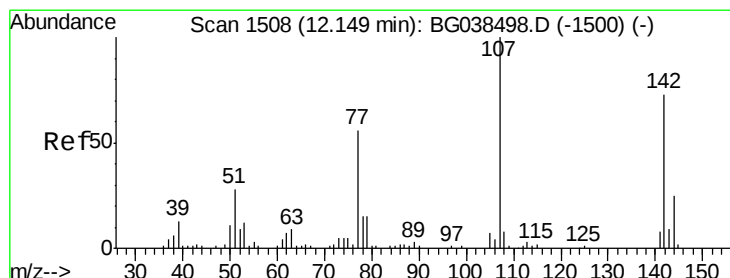
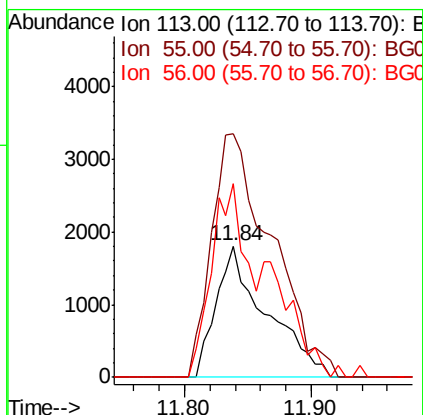
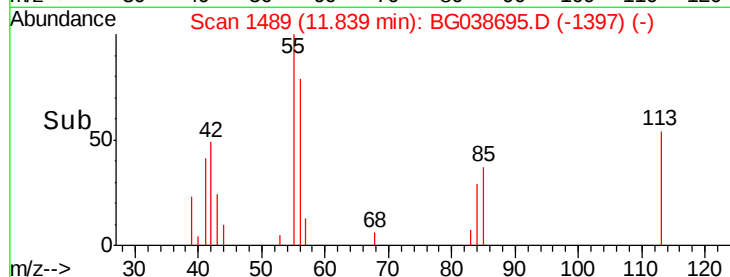
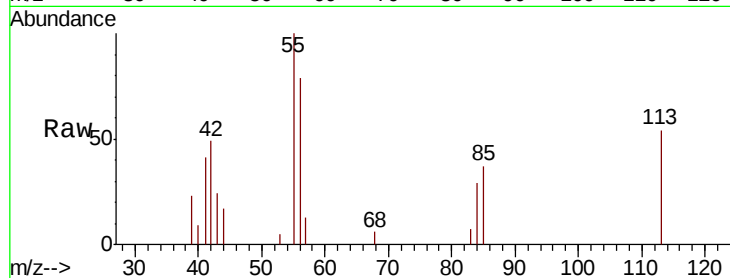
Tgt Ion:113 Resp: 4978

Ion Ratio Lower Upper

113 100

55 185.7 204.3 244.3#

56 147.4 135.0 175.0



#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

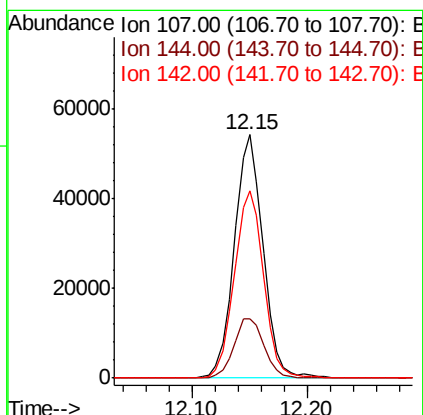
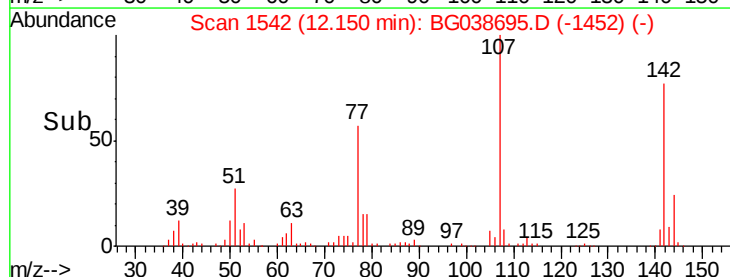
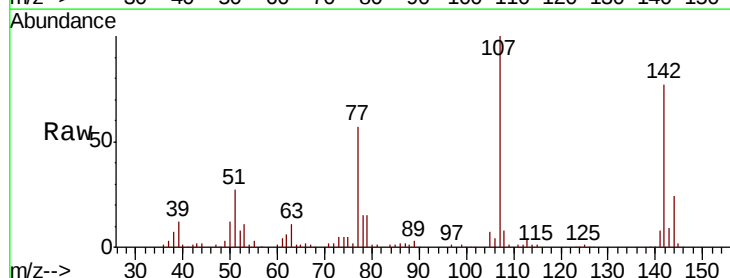
Tgt Ion:107 Resp: 93174

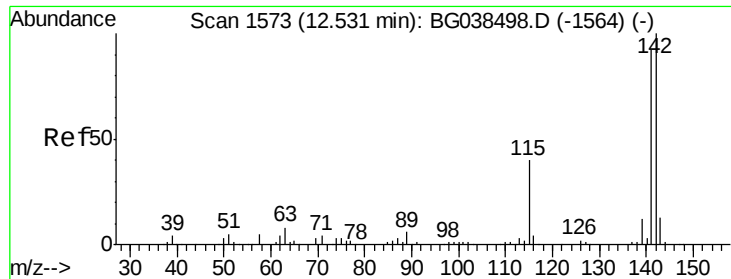
Ion Ratio Lower Upper

107 100

144 24.2 20.1 30.1

142 77.1 58.7 88.1

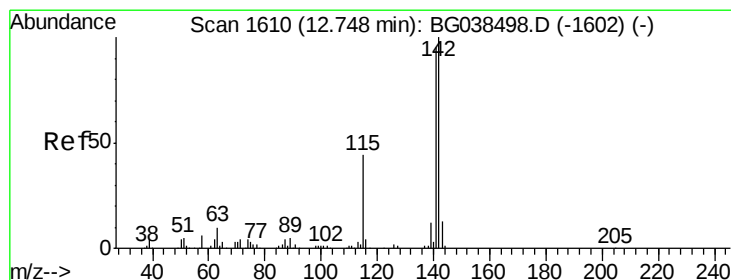
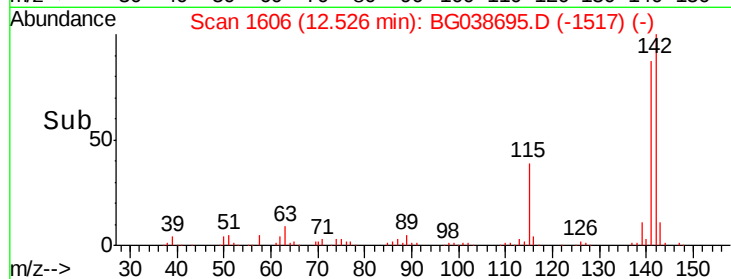
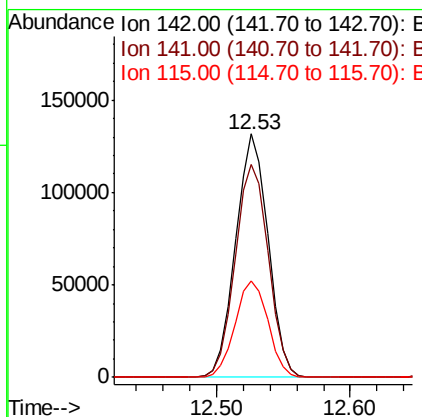
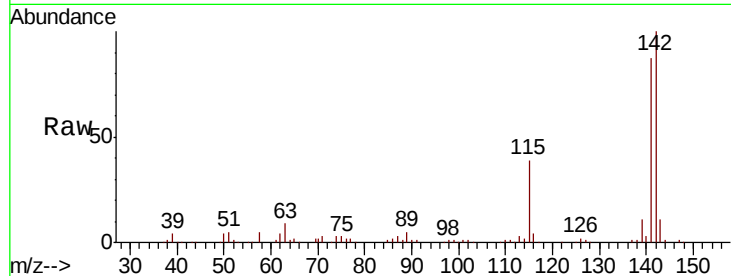




#37
 2-Methylnaphthalene
 Concen: 54.729 ng
 RT: 12.53 min Scan# 1606
 Delta R.T. -0.00 min
 Lab File: BG038695.D
 Acq: 18 Dec 2018 15:22

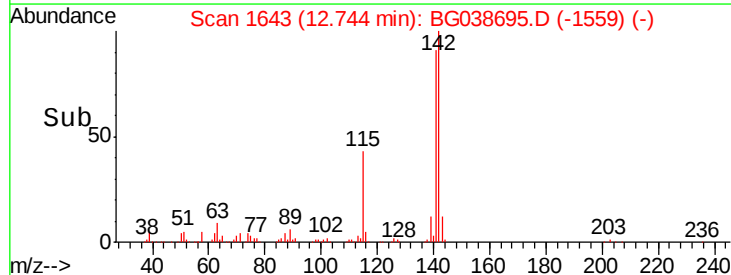
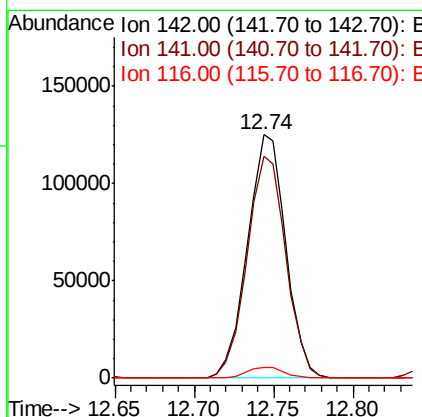
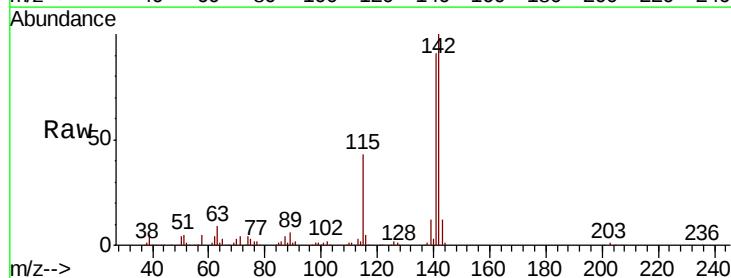
Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-04_121218MSD

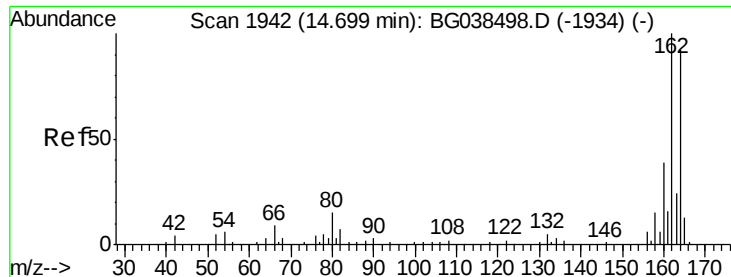
Tgt Ion:142 Resp: 220921
 Ion Ratio Lower Upper
 142 100
 141 87.4 73.5 110.3
 115 39.4 31.7 47.5



#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:142 Resp: 210369
 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

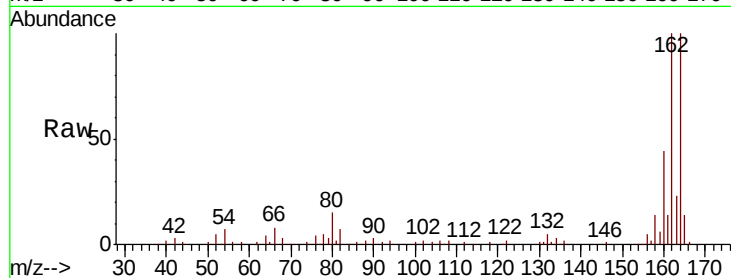
Tgt Ion:164 Resp: 78047

Ion Ratio Lower Upper

164 100

162 99.8 86.6 130.0

160 44.4 34.2 51.2

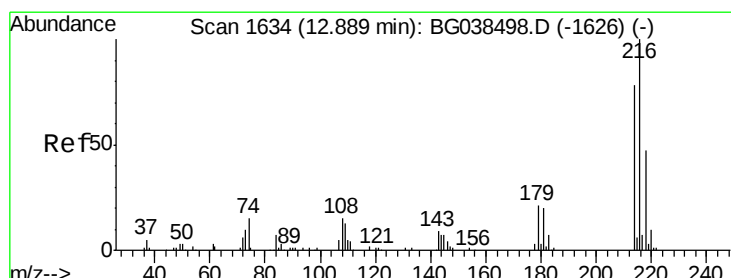
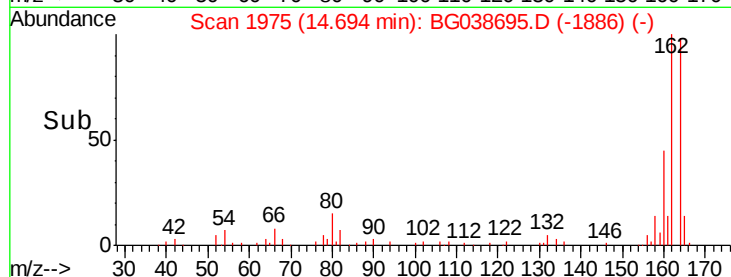
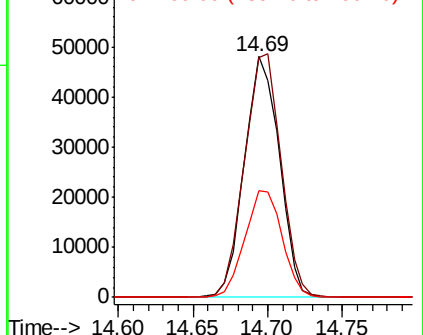


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#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:216 Resp: 131644

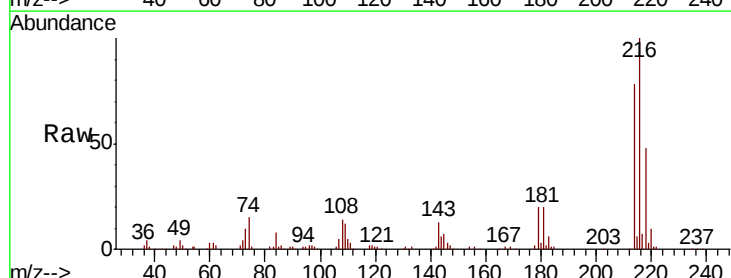
Ion Ratio Lower Upper

216 100

214 79.9 64.1 96.1

179 20.4 16.4 24.6

108 18.0 13.9 20.9



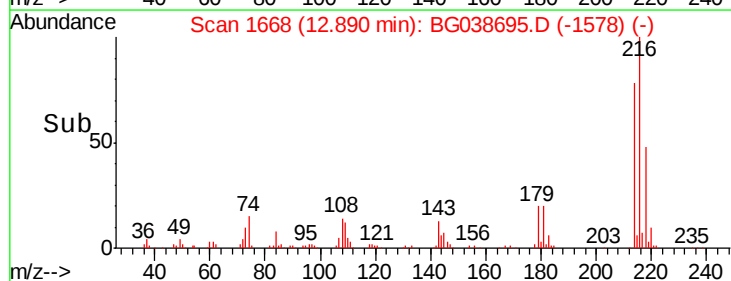
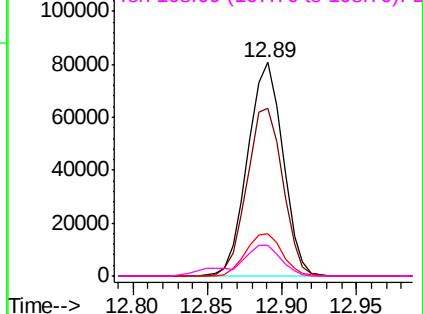
Abundance

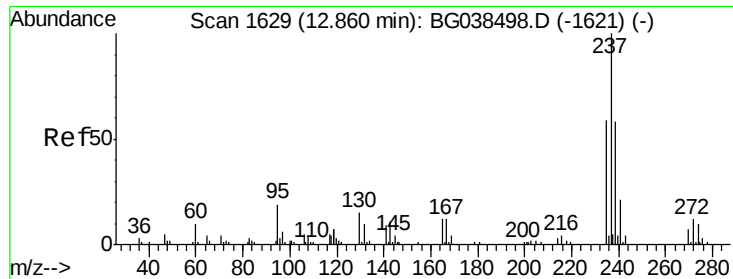
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#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

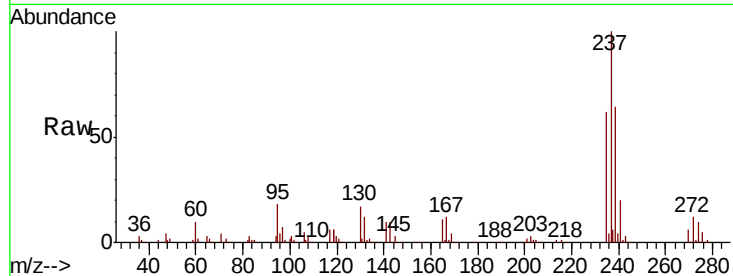
Tgt Ion:237 Resp: 147937

Ion Ratio Lower Upper

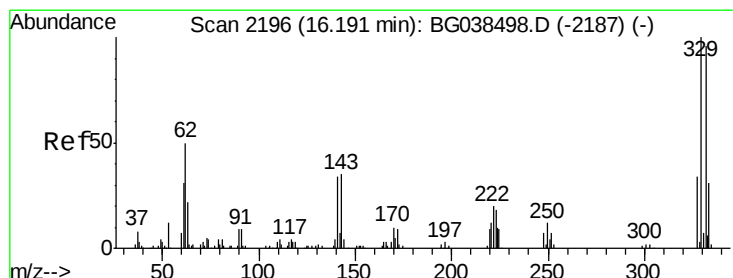
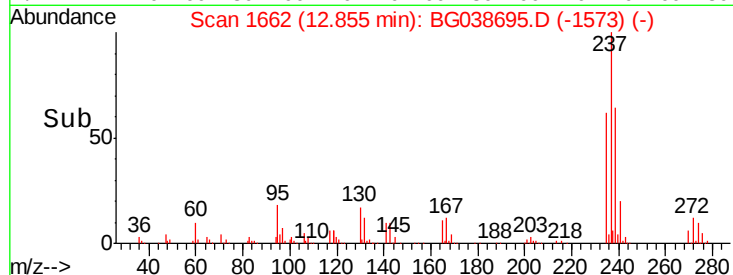
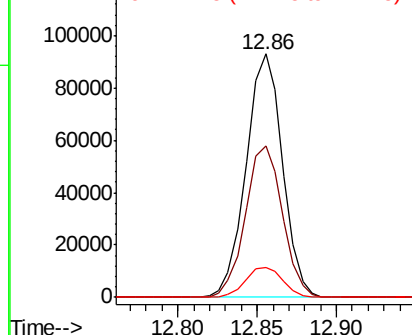
237 100

235 62.4 38.8 78.8

272 12.3 0.0 32.0



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

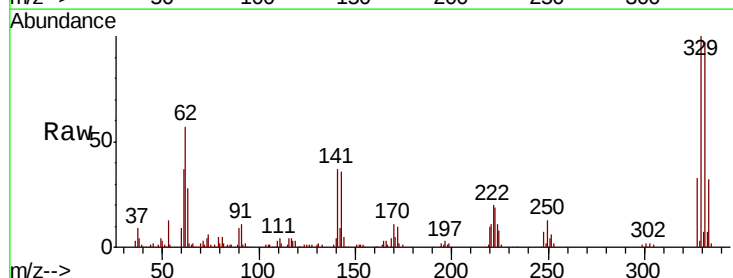
Tgt Ion:330 Resp: 166951

Ion Ratio Lower Upper

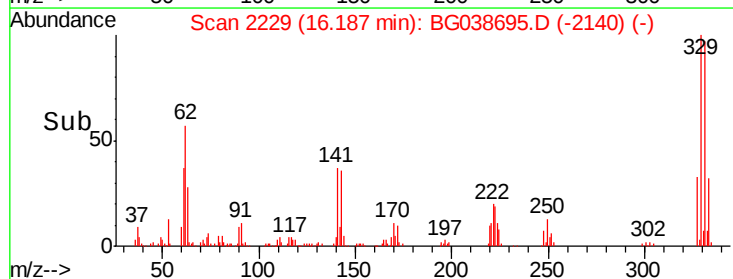
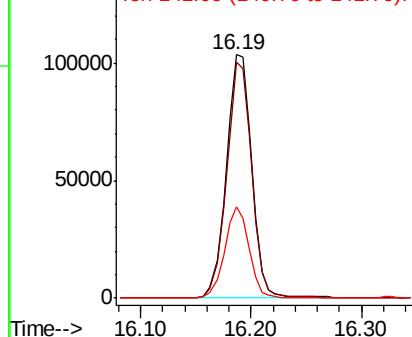
330 100

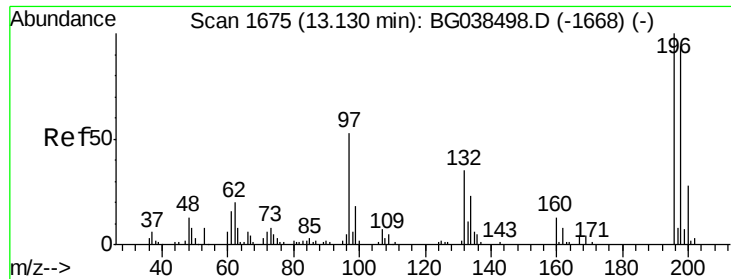
332 95.0 76.9 115.3

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

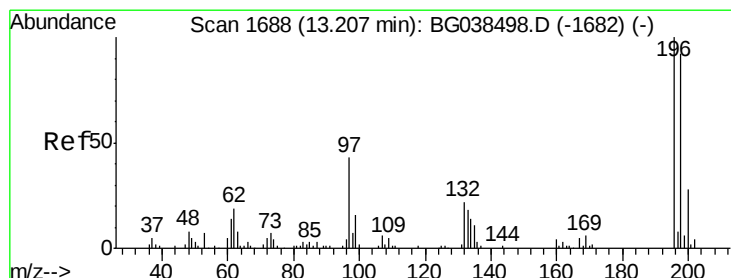
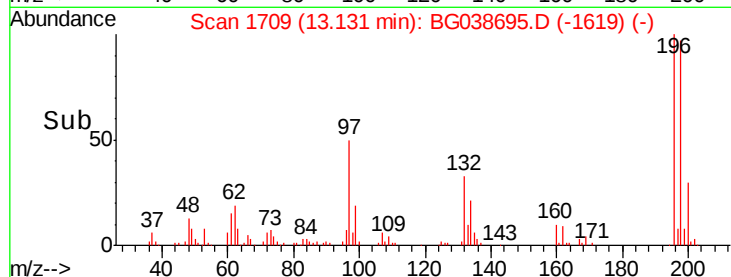
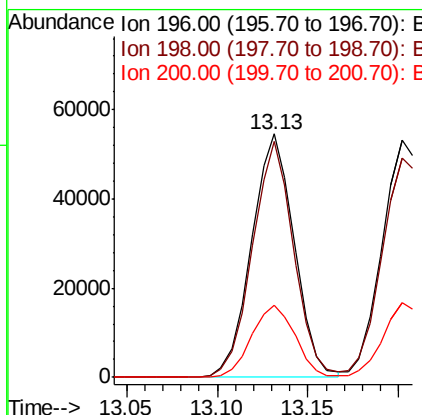
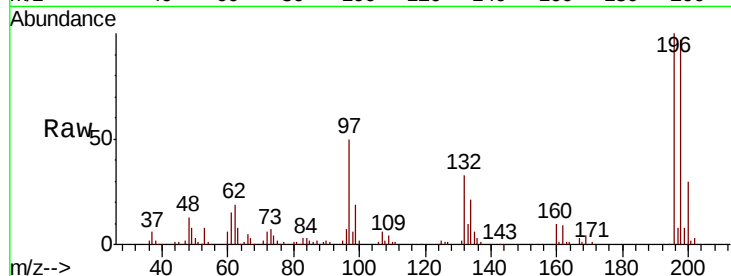




#43
 2,4,6-Trichlorophenol
 Concen: 49.701 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG038695.D
 Acq: 18 Dec 2018 15:22

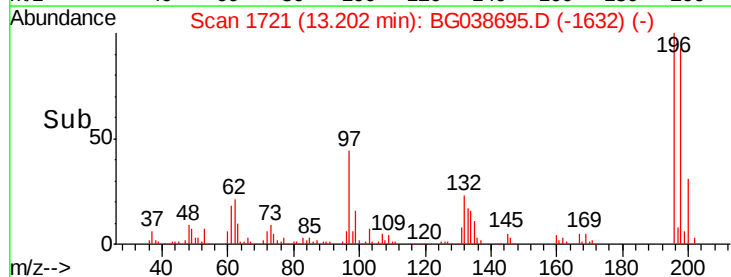
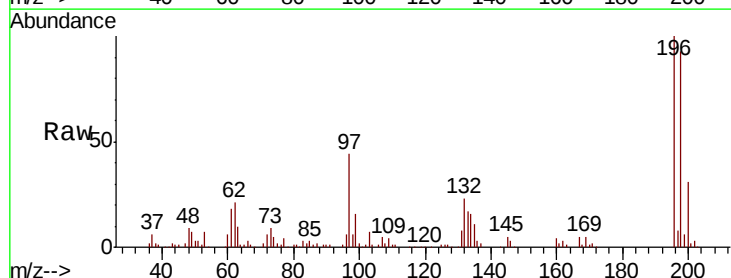
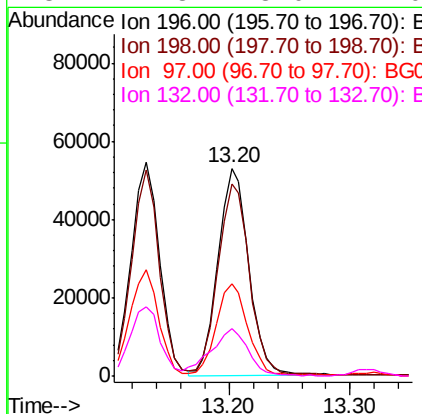
Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-04_121218MSD

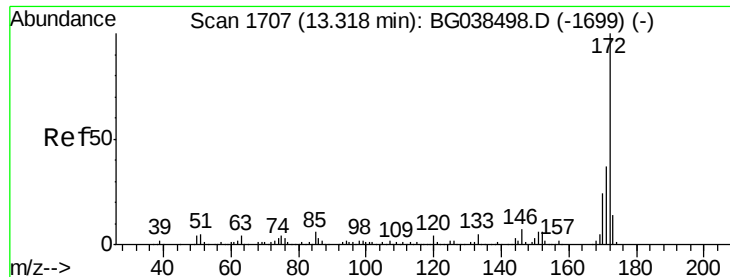
Tgt Ion:196 Resp: 89152
 Ion Ratio Lower Upper
 196 100
 198 96.7 75.0 112.4
 200 29.8 22.4 33.6



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

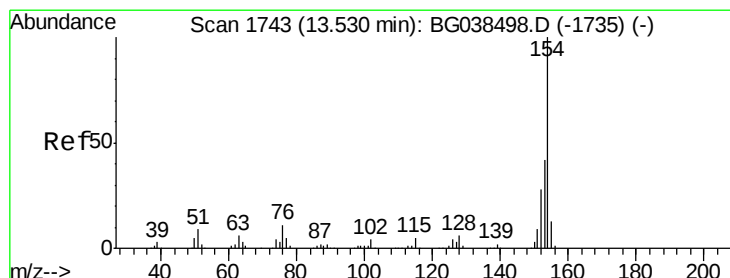
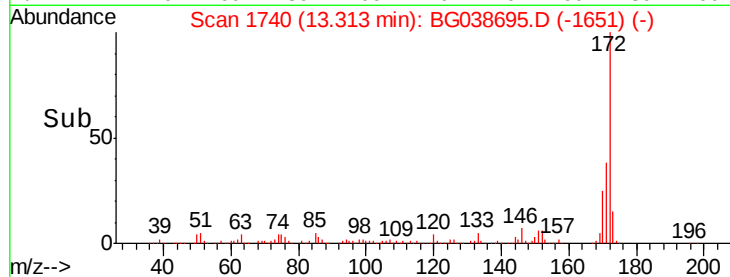
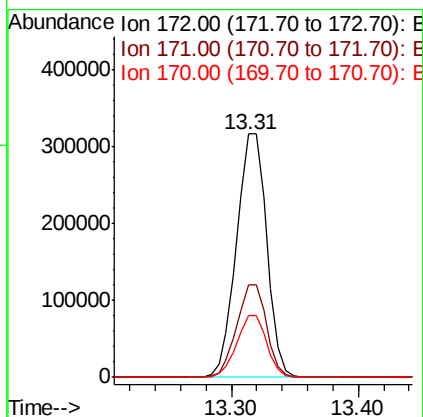
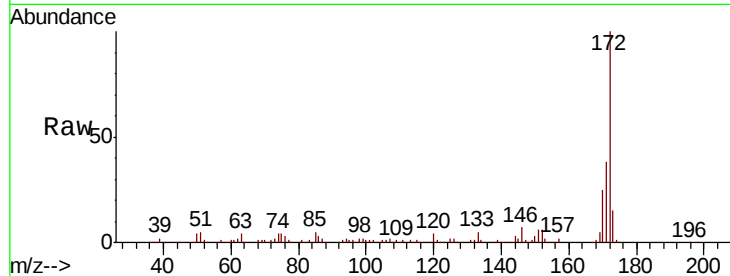




#45
2-Fluorobiphenyl
Concen: 91.790 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.00 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

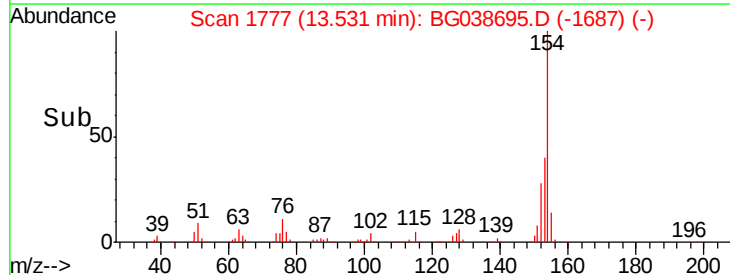
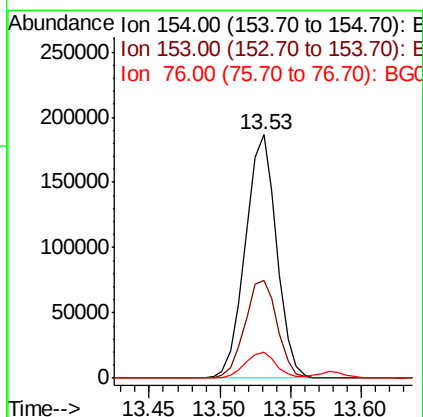
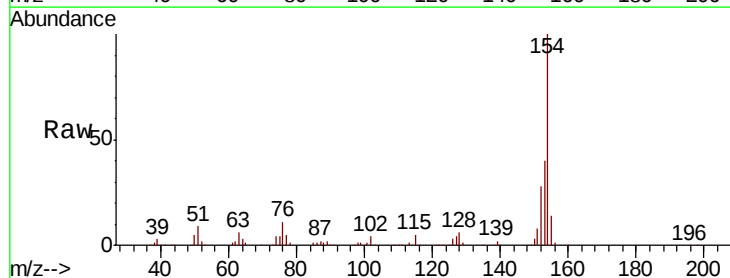
Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MSD

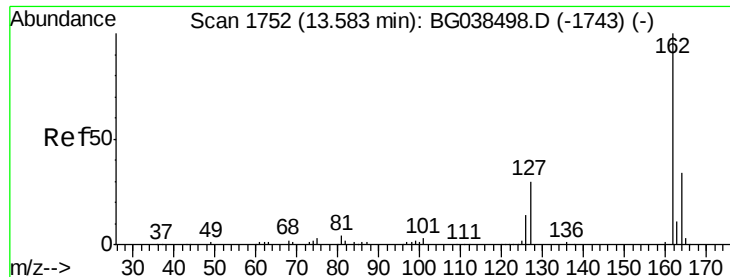
Tgt Ion:172 Resp: 522210
Ion Ratio Lower Upper
172 100
171 37.9 29.8 44.6
170 25.4 19.5 29.3



#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:154 Resp: 289285
Ion Ratio Lower Upper
154 100
153 40.0 22.1 62.1
76 10.5 0.0 31.2

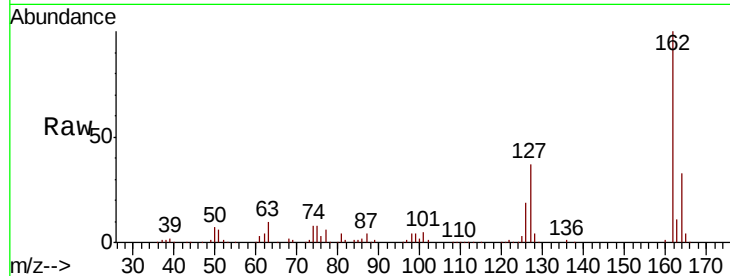




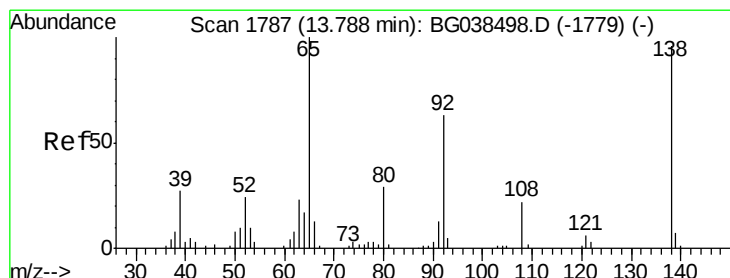
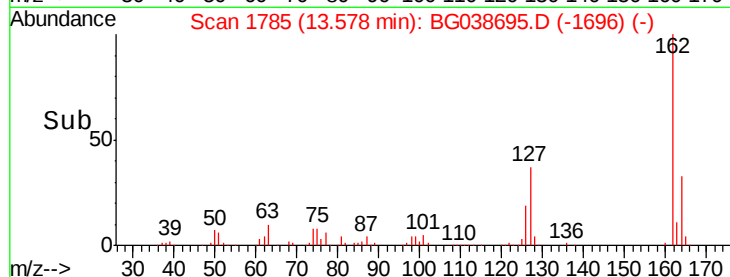
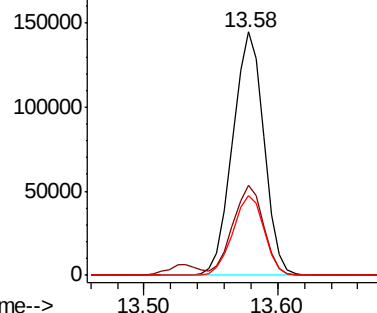
#47
 2-Chloronaphthalene
 Concen: 46.355 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: BG038695.D
 Acq: 18 Dec 2018 15:22

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-04_121218MSD

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

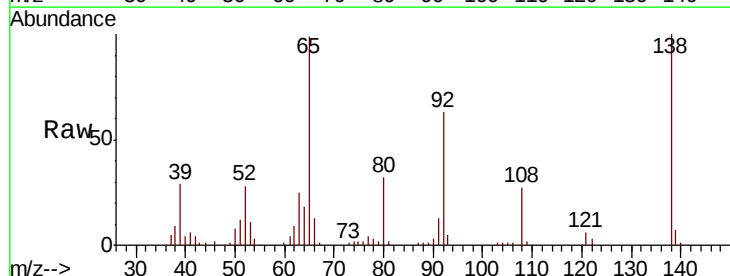


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

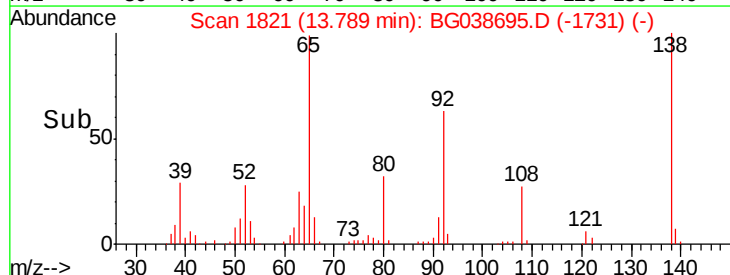
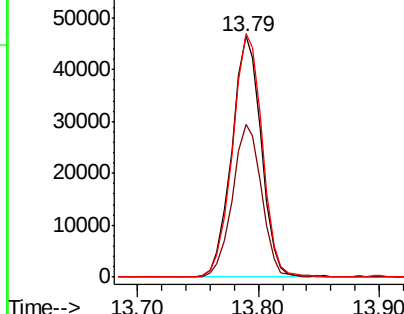


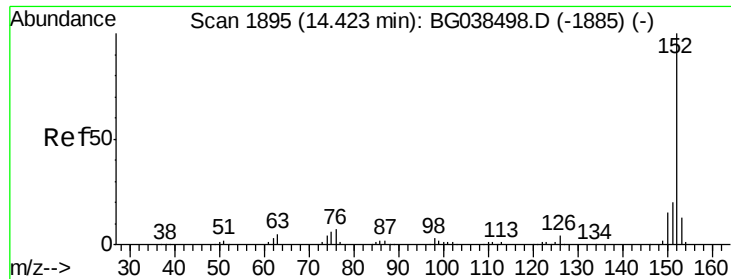
#48
 2-Nitroaniline
 Concen: 49.005 ng
 RT: 13.79 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BG038695.D
 Acq: 18 Dec 2018 15:22

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

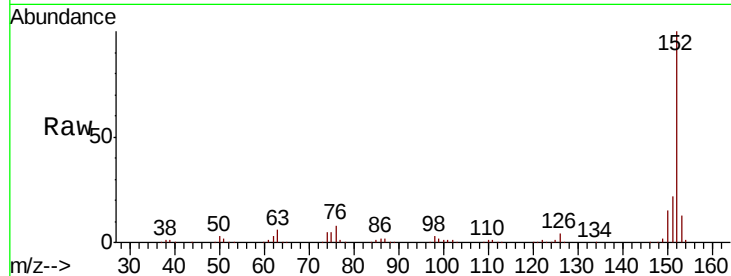
Tgt Ion:152 Resp: 385941

Ion Ratio Lower Upper

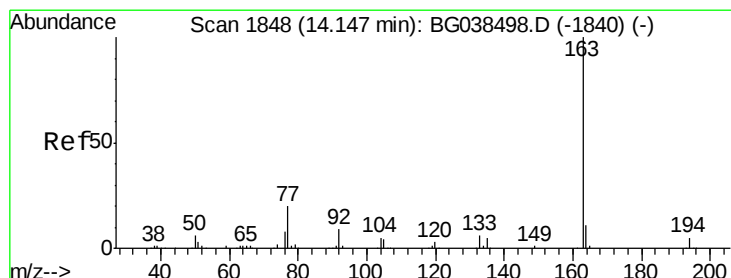
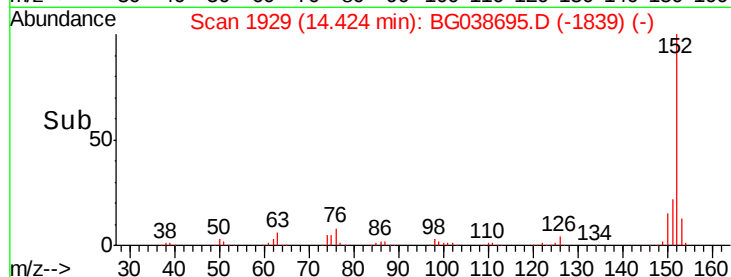
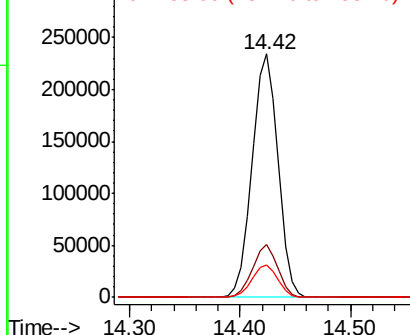
152 100

151 21.5 16.4 24.6

153 13.2 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#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

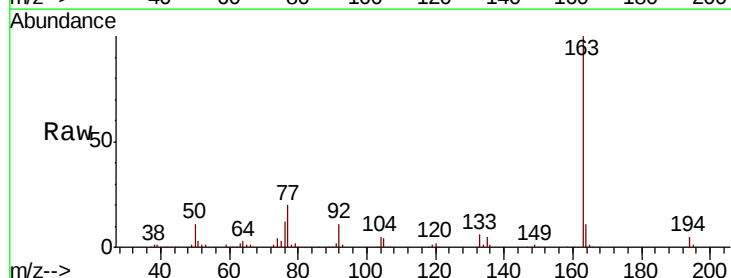
Tgt Ion:163 Resp: 314574

Ion Ratio Lower Upper

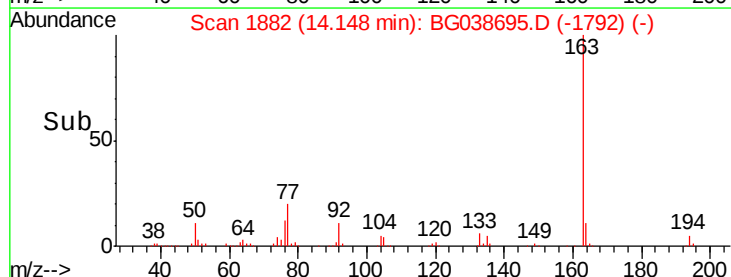
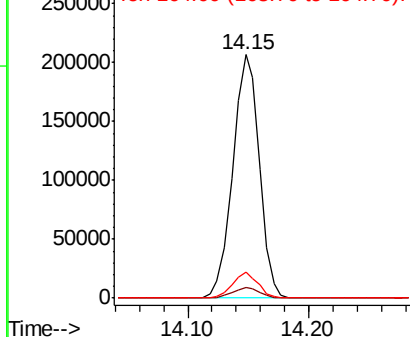
163 100

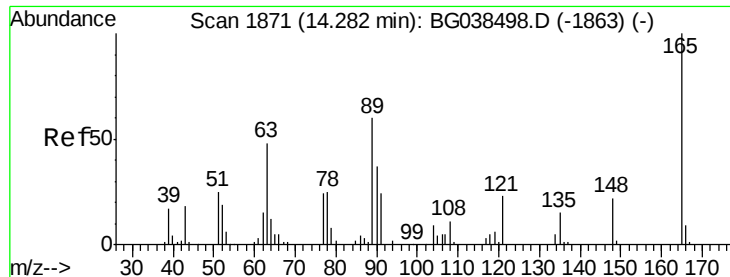
194 4.6 3.7 5.5

164 10.6 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

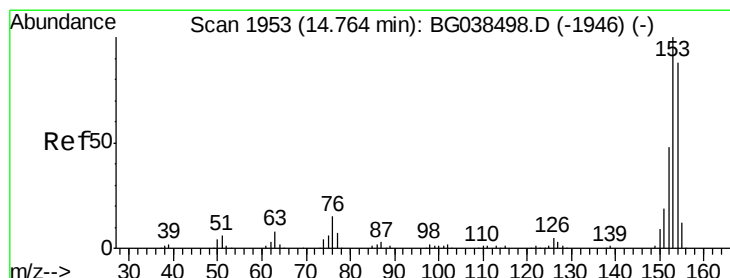
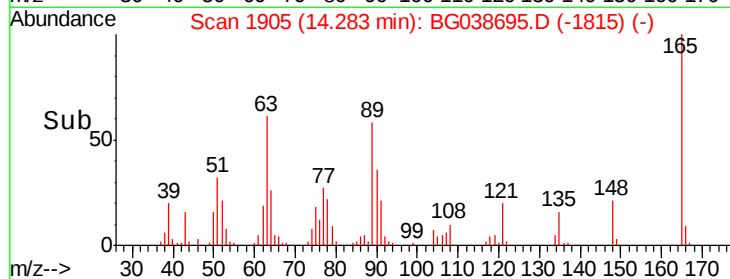
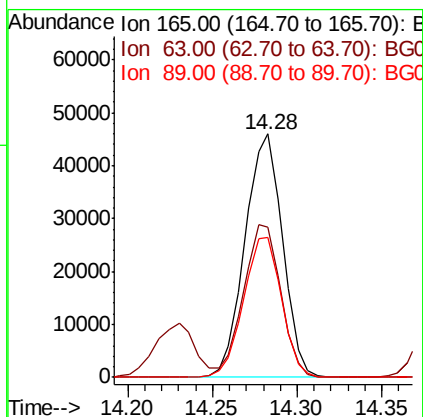
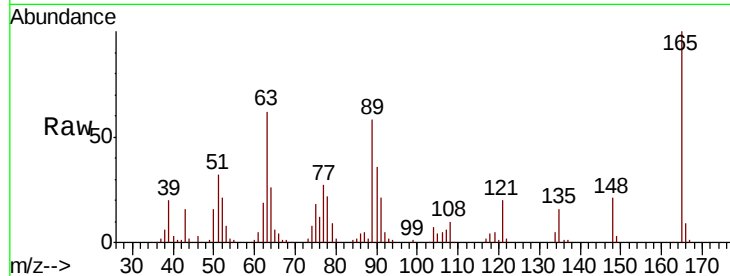




#51
 2,6-Dinitrotoluene
 Concen: 49.282 ng
 RT: 14.28 min Scan# 1905
 Delta R.T. 0.00 min
 Lab File: BG038695.D
 Acq: 18 Dec 2018 15:22

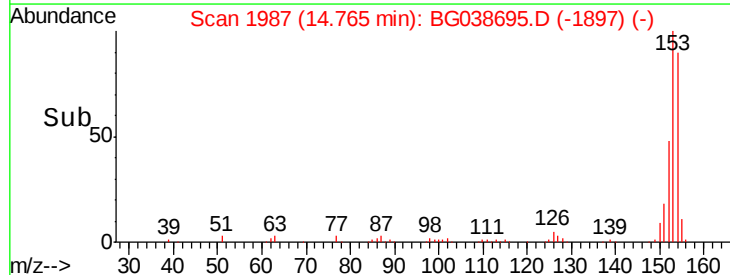
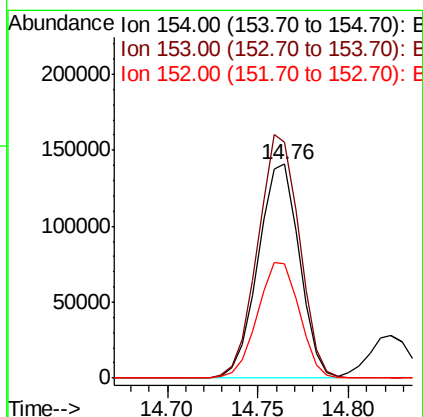
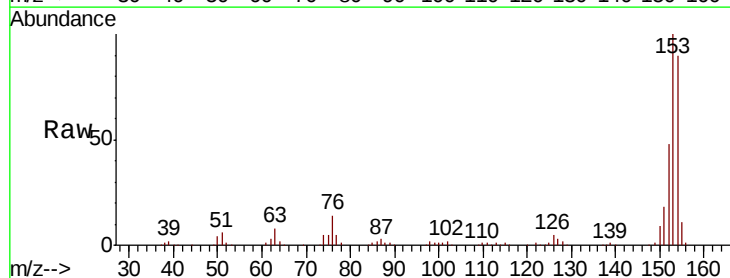
Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-04_121218MSD

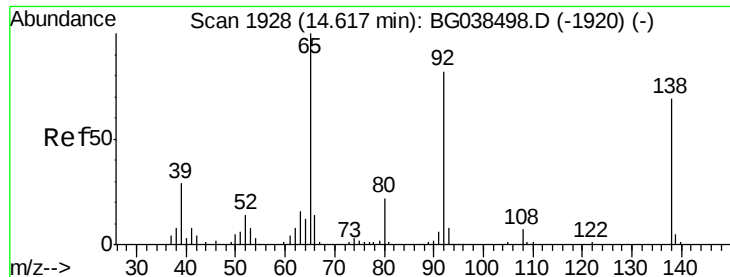
Tgt Ion	Ratio	Lower	Upper
165	100		
63	61.5	51.8	77.6
89	57.7	47.9	71.9



#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	Lower	Upper
154	100		
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

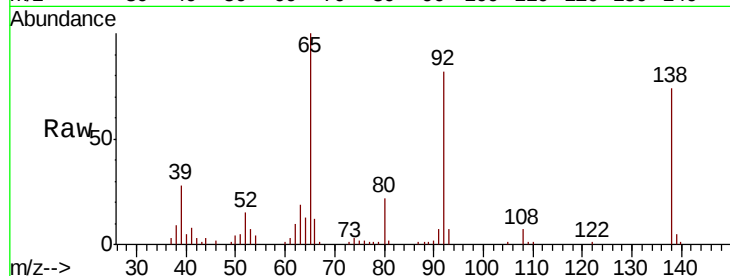
Tgt Ion:138 Resp: 39788

Ion Ratio Lower Upper

138 100

108 9.6 7.9 11.9

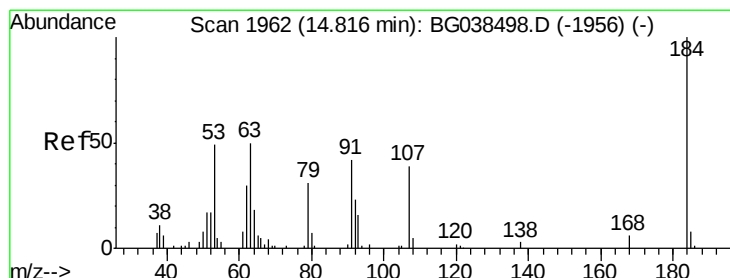
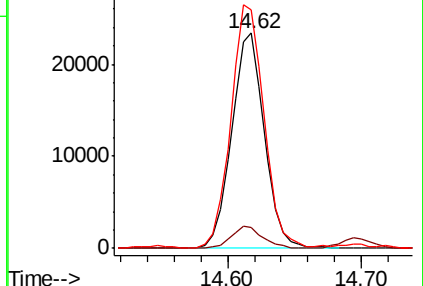
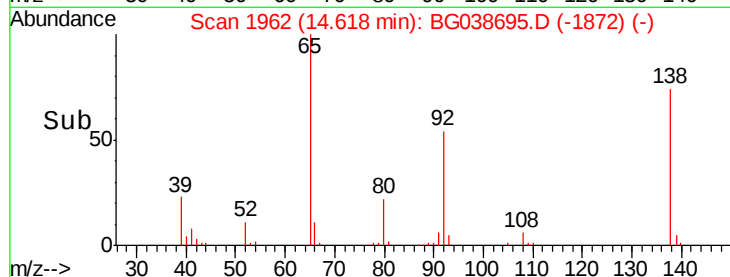
92 110.9 95.3 142.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#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

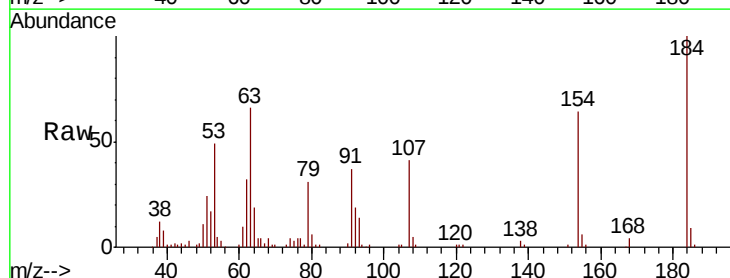
Tgt Ion:184 Resp: 74454

Ion Ratio Lower Upper

184 100

63 66.2 47.0 70.6

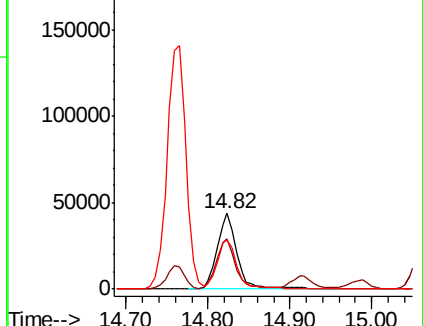
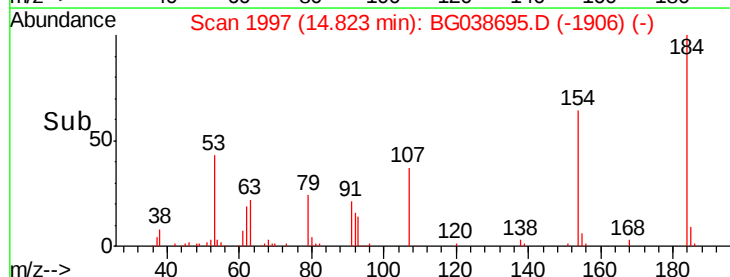
154 64.5 50.3 75.5

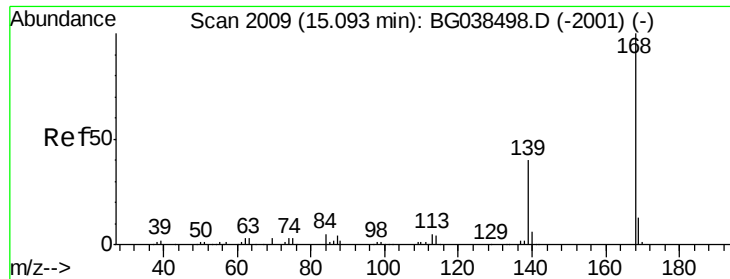


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

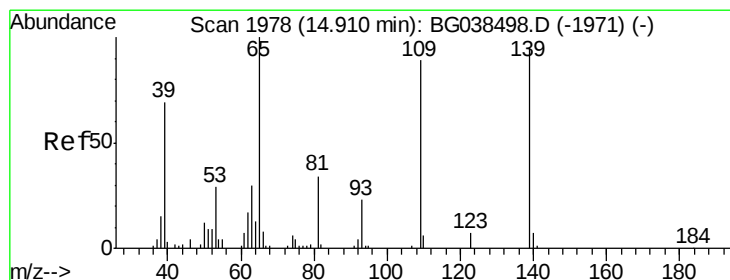
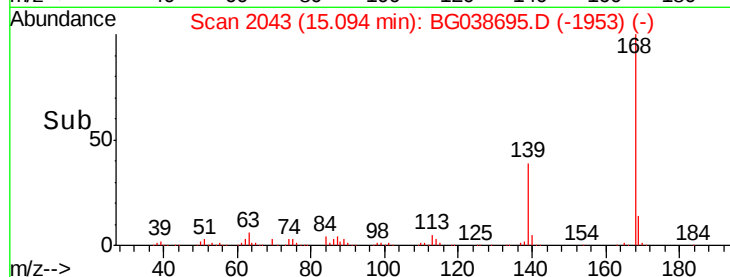
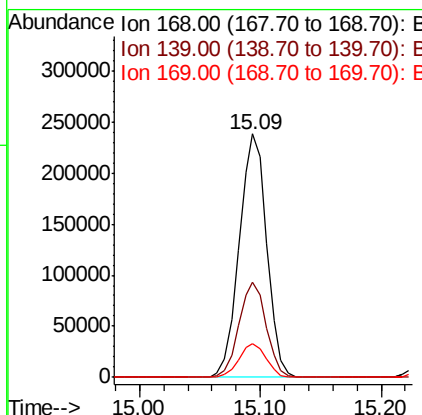
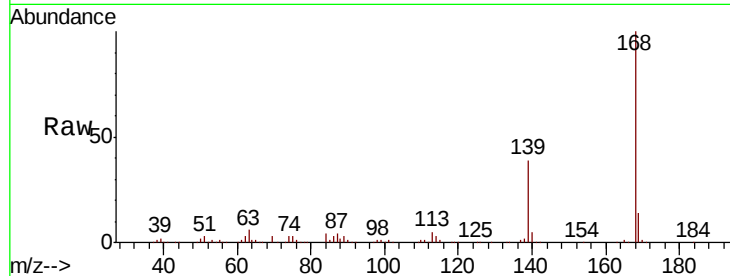




#55
Dibenzenofuran
Concen: 48.684 ng
RT: 15.09 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

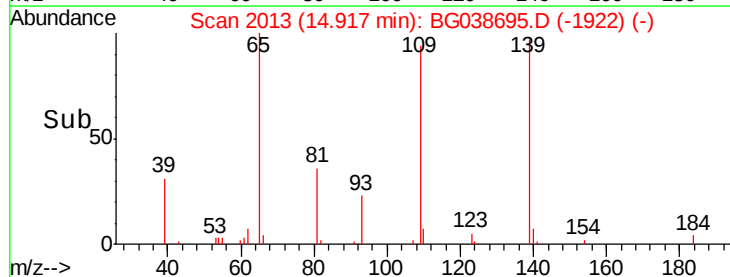
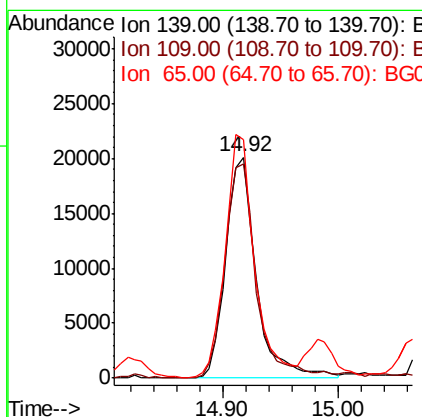
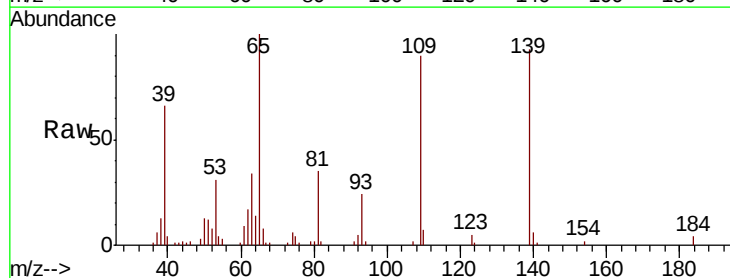
Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MSD

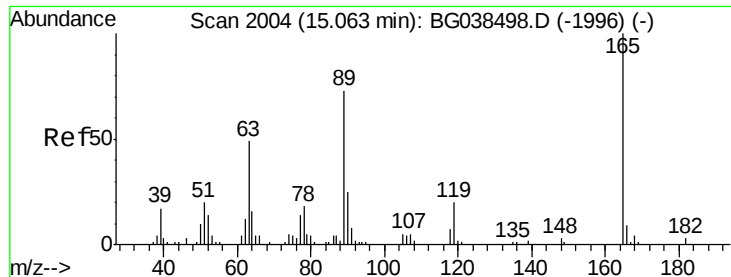
Tgt Ion:168 Resp: 377035
Ion Ratio Lower Upper
168 100
139 39.1 32.2 48.2
169 13.7 10.6 16.0



#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:139 Resp: 37127
Ion Ratio Lower Upper
139 100
109 97.2 73.6 113.6
65 107.8 84.8 124.8

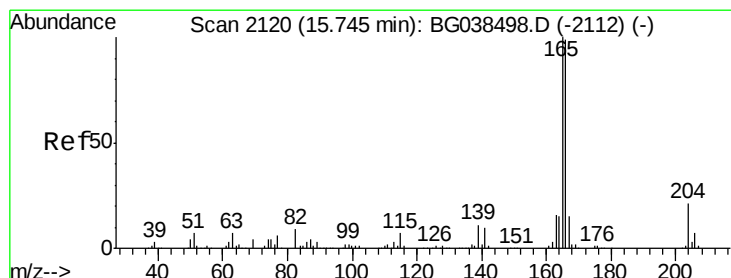
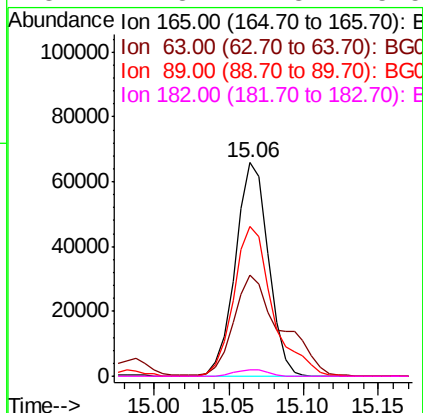
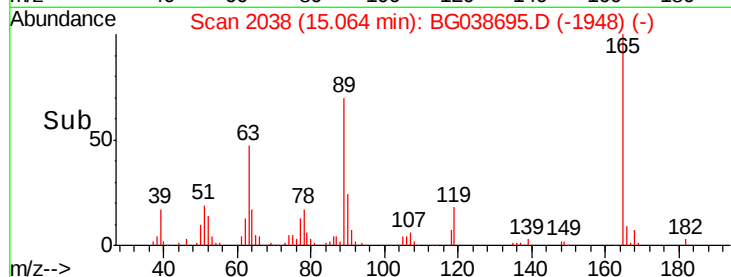
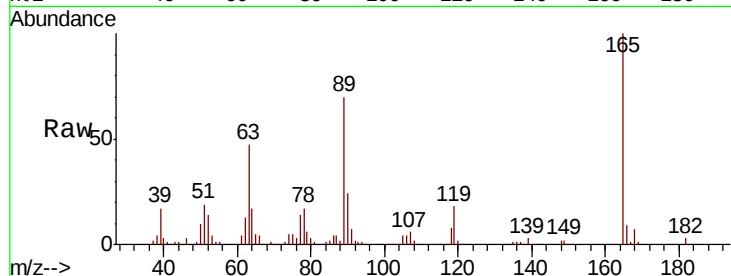




#57
2,4-Dinitrotoluene
Concen: 49.878 ng
RT: 15.06 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

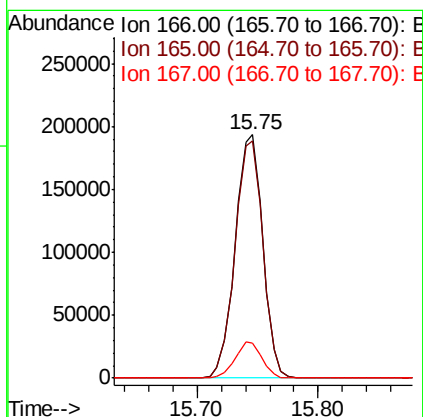
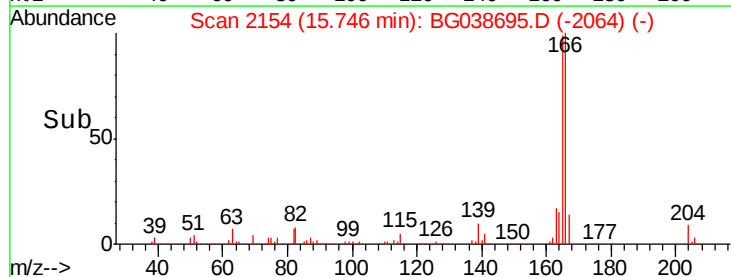
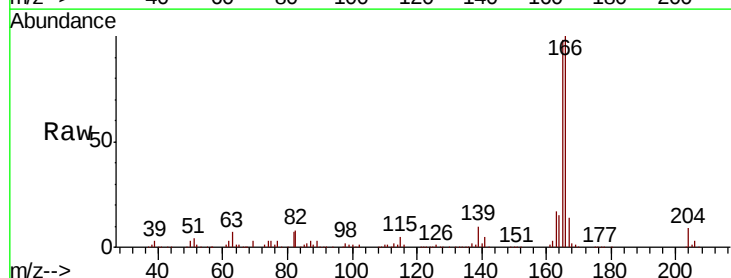
Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MSD

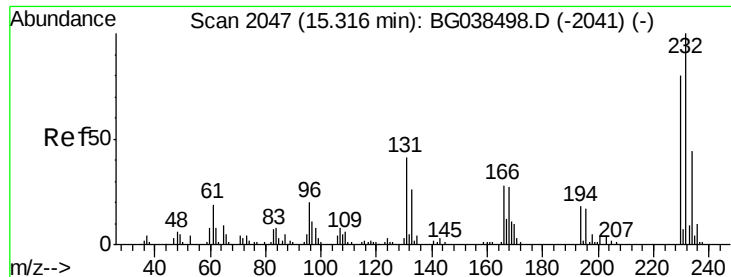
Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.3	39.0	58.4
89	70.1	58.0	87.0
182	2.8	2.3	3.5



#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	Lower	Upper
166	100		
165	97.6	80.6	120.8
167	14.3	12.0	18.0

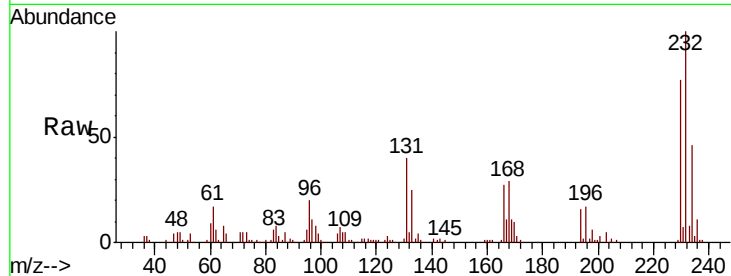




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.659 ng
 RT: 15.32 min Scan# 2081
 Delta R.T. 0.00 min
 Lab File: BG038695.D
 Acq: 18 Dec 2018 15:22

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-04_121218MSD

Tgt 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



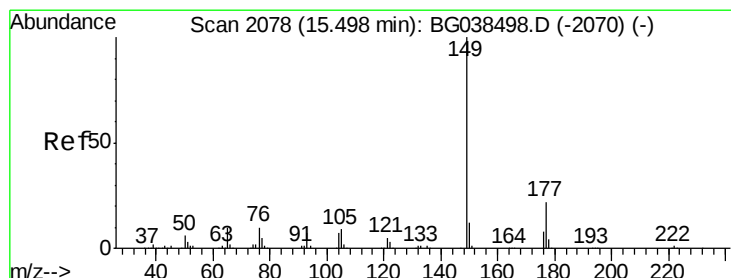
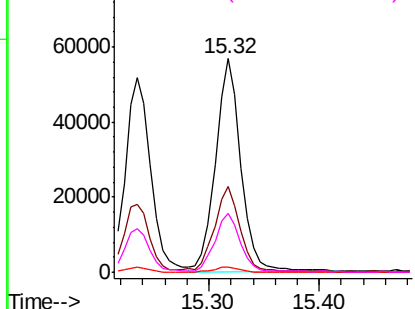
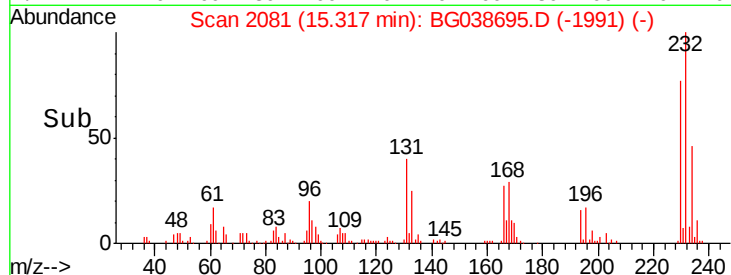
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

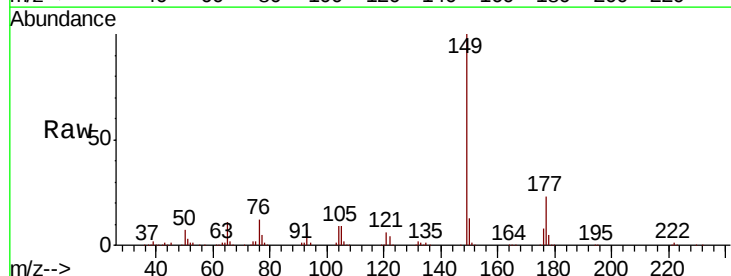
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 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	Ratio	Lower	Upper
149	100		
177	23.4	17.7	26.5
150	13.2	9.9	14.9

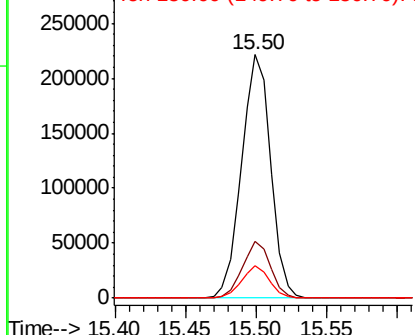
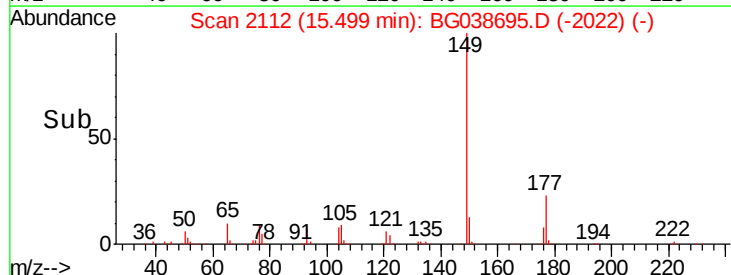


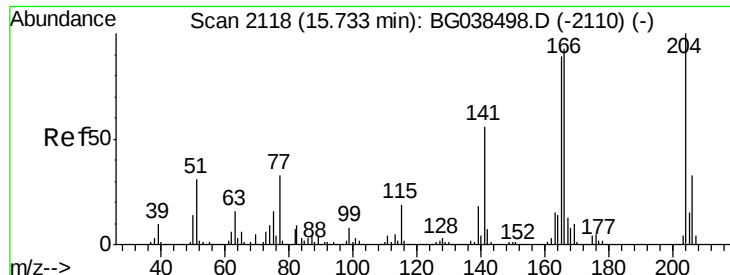
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

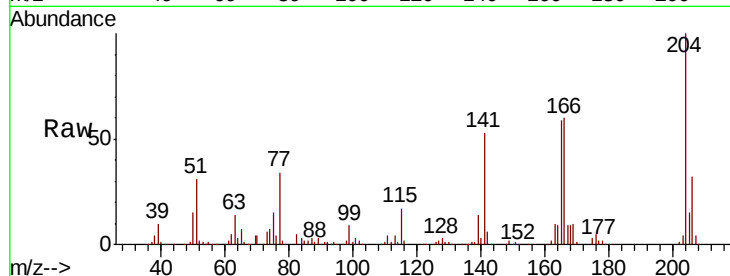




#61
 4-Chlorophenyl-phenylether
 Concen: 48.636 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.00 min
 Lab File: BG038695.D
 Acq: 18 Dec 2018 15:22

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-04_121218MSD

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

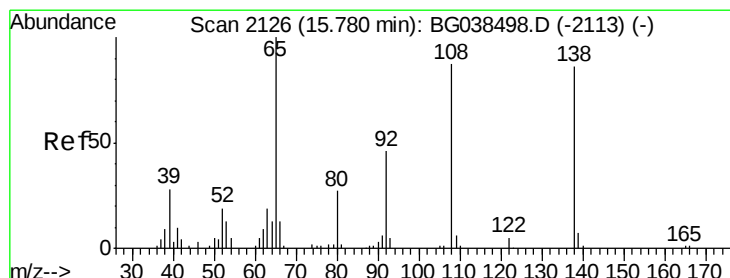
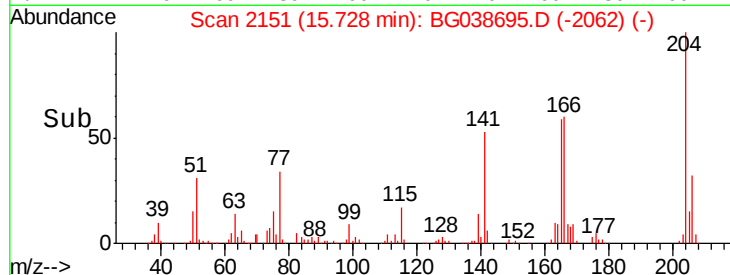
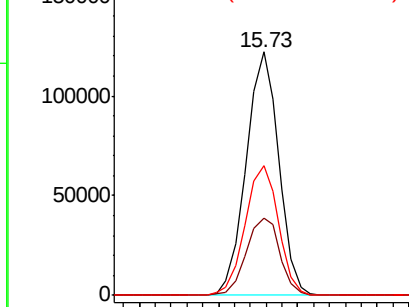


Abundance

Ion 204.00 (203.70 to 204.70): E

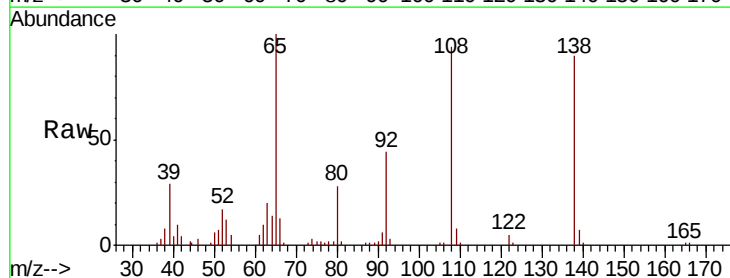
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#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

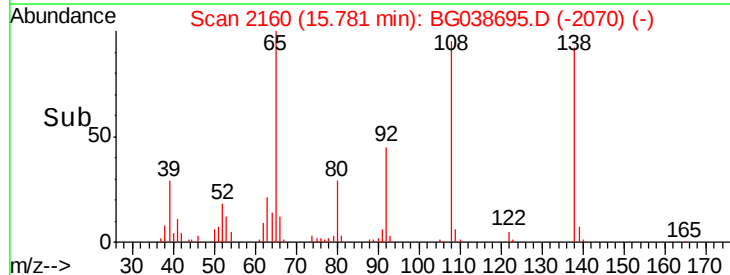
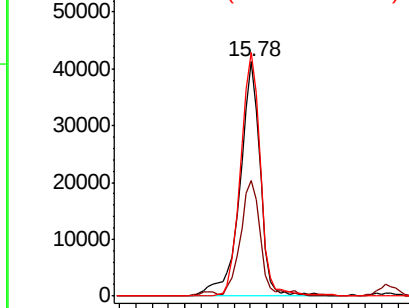


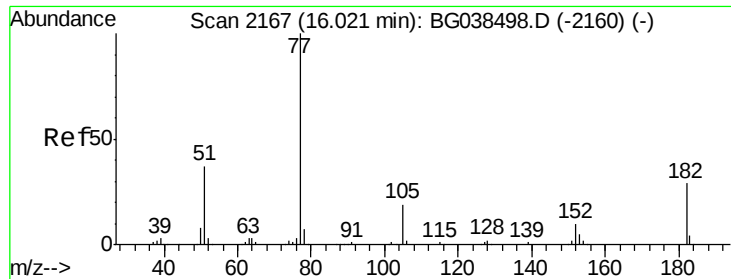
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#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

Tgt Ion: 77 Resp: 276350

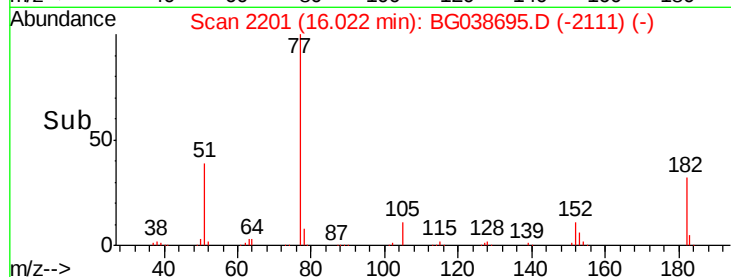
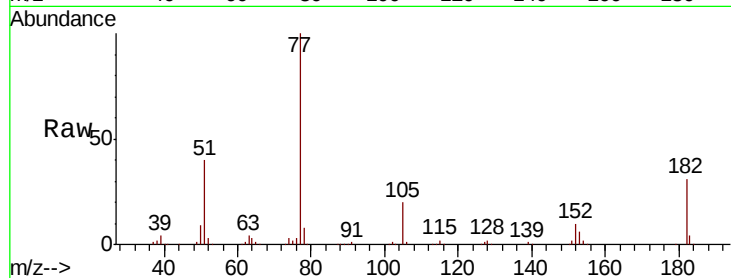
Ion Ratio Lower Upper

77 100

182 30.6 8.7 48.7

105 19.5 0.0 38.7

51 40.4 16.6 56.6

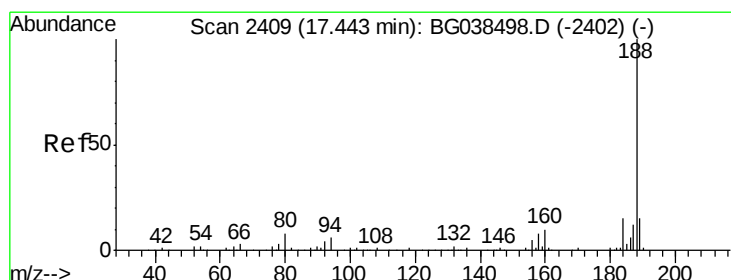
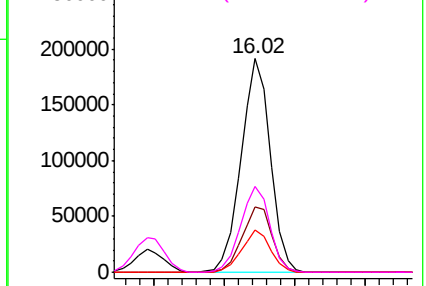


Abundance Ion 77.00 (76.70 to 77.70): BGC

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

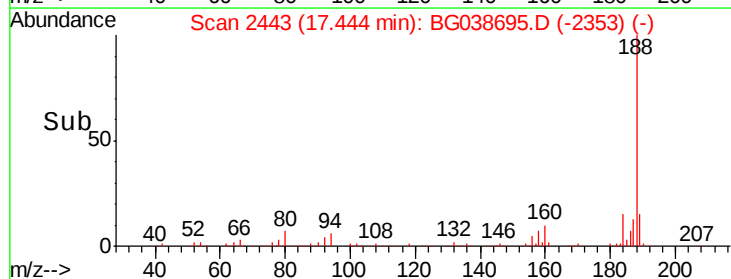
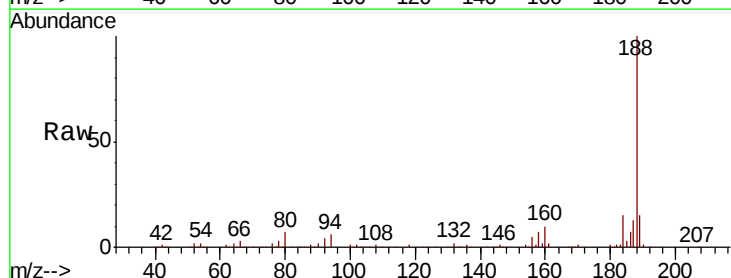
Tgt Ion: 188 Resp: 193898

Ion Ratio Lower Upper

188 100

94 5.9 5.1 7.7

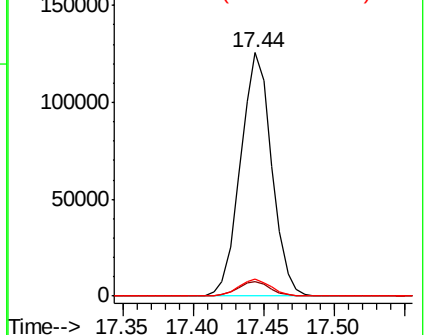
80 7.0 6.1 9.1

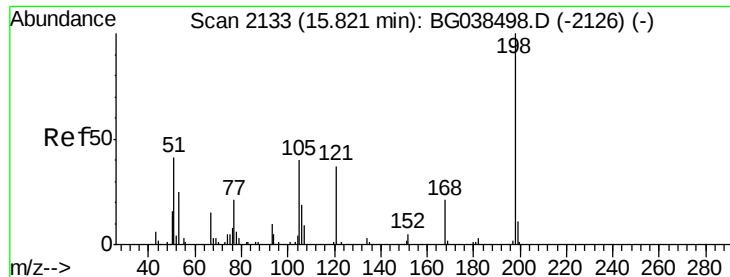


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

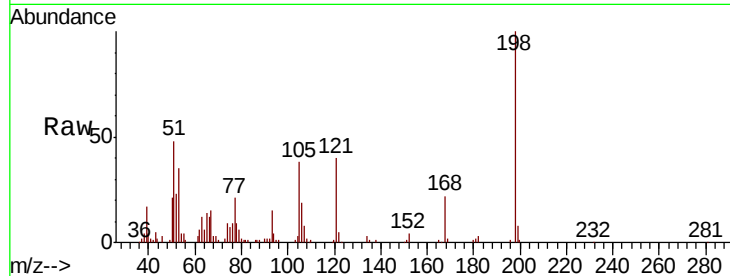




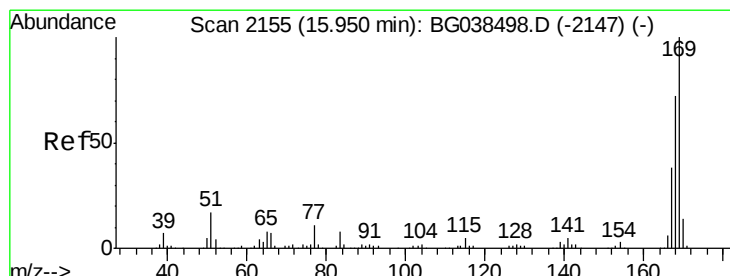
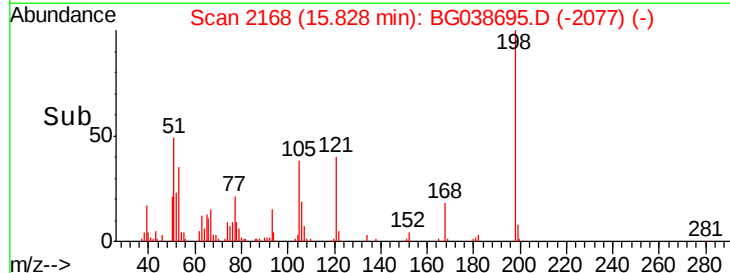
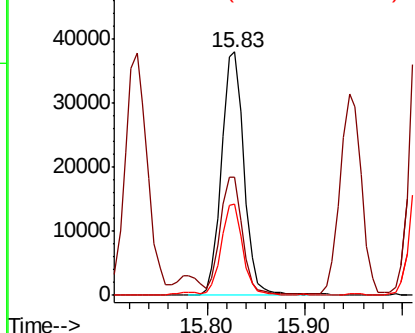
#65
 4,6-Dinitro-2-methylphenol
 Concen: 43.906 ng
 RT: 15.83 min Scan# 2168
 Delta R.T. 0.01 min
 Lab File: BG038695.D
 Acq: 18 Dec 2018 15:22

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-04_121218MSD

Tgt Ion:198 Resp: 60729
 Ion Ratio Lower Upper
 198 100
 51 48.5 28.6 68.6
 105 37.5 20.4 60.4

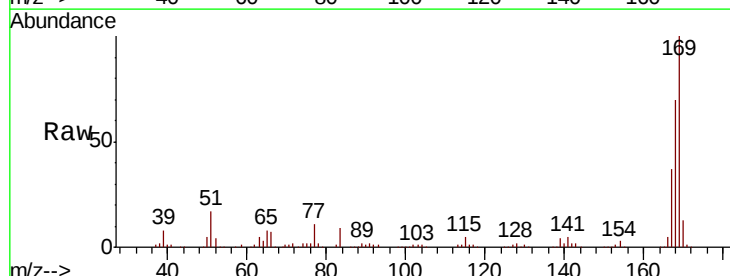


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

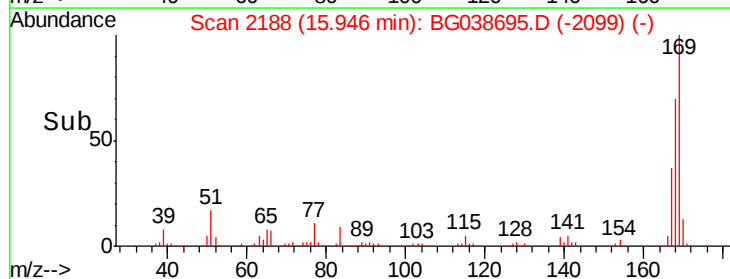
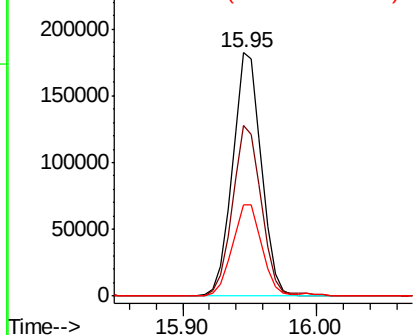


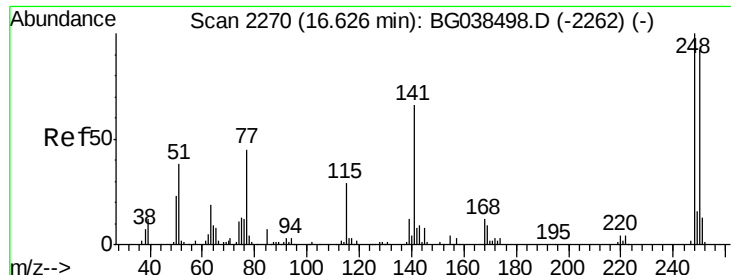
#66
 n-Nitrosodiphenylamine
 Concen: 47.658 ng
 RT: 15.95 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: BG038695.D
 Acq: 18 Dec 2018 15:22

Tgt Ion:169 Resp: 271512
 Ion Ratio Lower Upper
 169 100
 168 69.9 57.5 86.3
 167 37.4 30.2 45.2



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

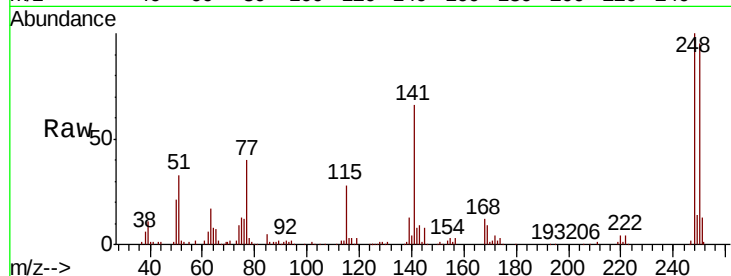




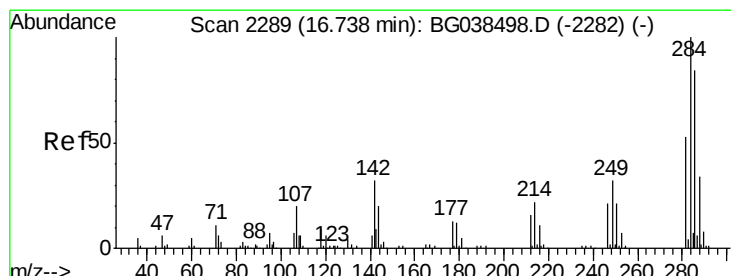
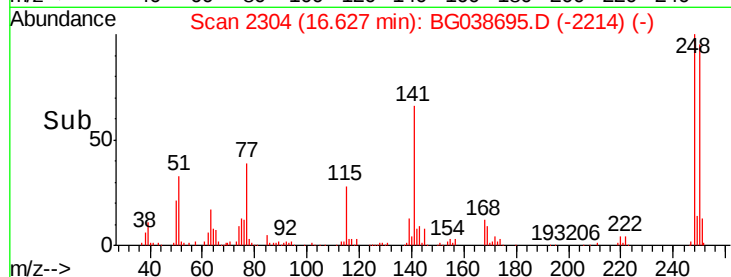
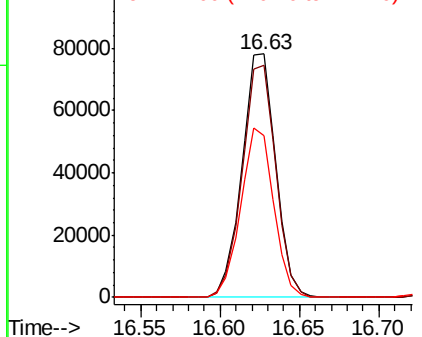
#67
 4-Bromophenyl-phenylether
 Concen: 48.609 ng
 RT: 16.63 min Scan# 2304
 Delta R.T. 0.00 min
 Lab File: BG038695.D
 Acq: 18 Dec 2018 15:22

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-04_121218MSD

Tgt Ion:248 Resp: 115109
 Ion Ratio Lower Upper
 248 100
 250 95.1 73.4 110.2
 141 66.2 52.9 79.3

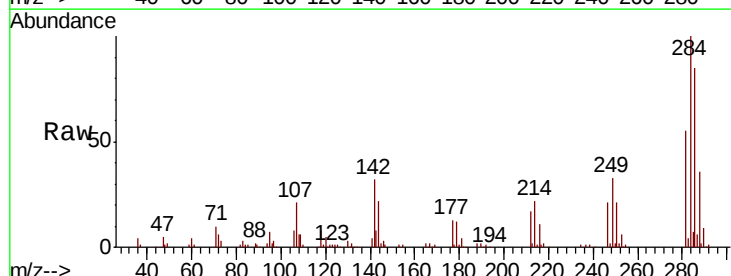


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

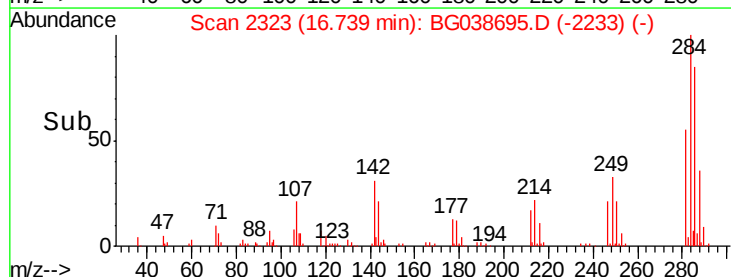
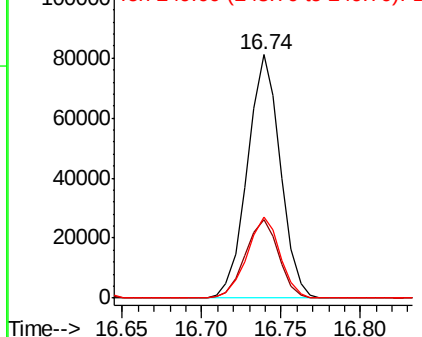


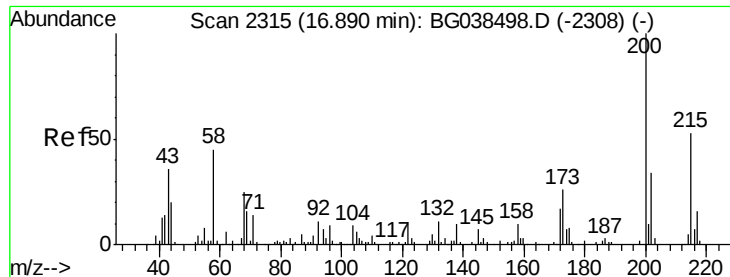
#68
 Hexachlorobenzene
 Concen: 47.761 ng
 RT: 16.74 min Scan# 2323
 Delta R.T. 0.00 min
 Lab File: BG038695.D
 Acq: 18 Dec 2018 15:22

Tgt Ion:284 Resp: 117242
 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

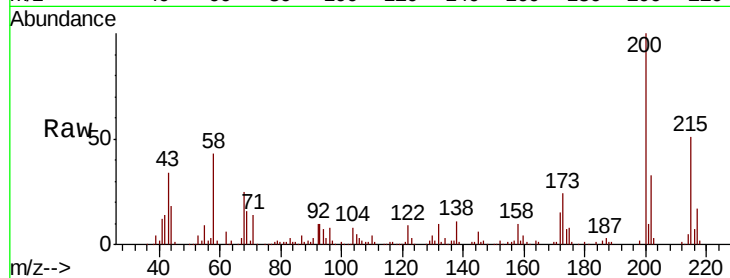
Tgt Ion:200 Resp: 111779

Ion Ratio Lower Upper

200 100

173 23.5 5.9 45.9

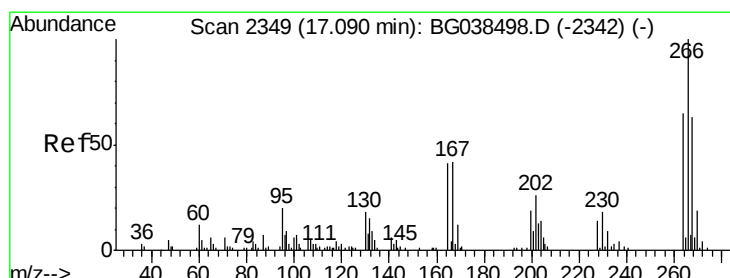
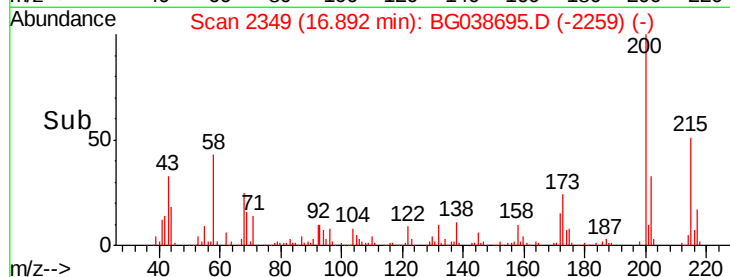
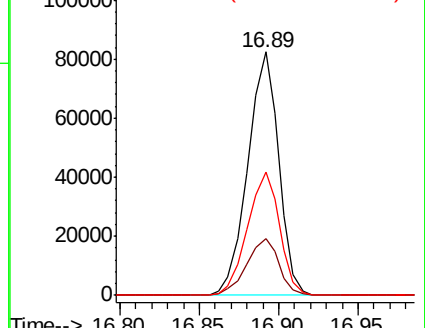
215 50.8 33.1 73.1



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

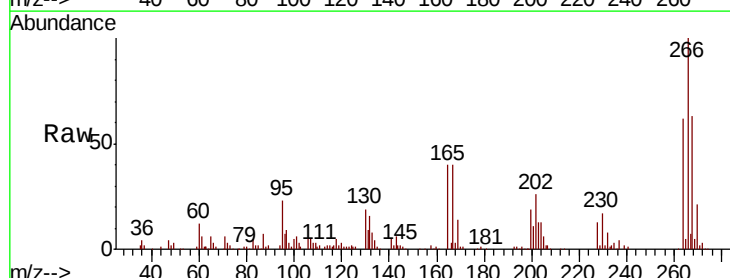
Tgt Ion:266 Resp: 120732

Ion Ratio Lower Upper

266 100

268 68.1 55.0 82.6

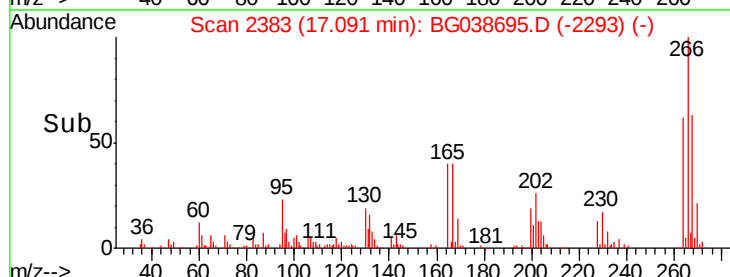
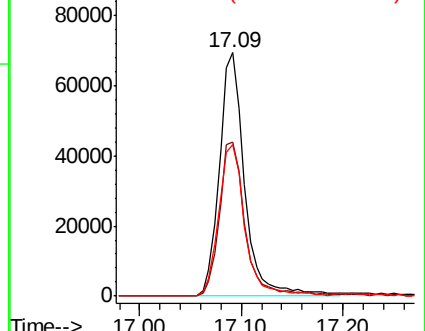
264 67.5 56.7 85.1

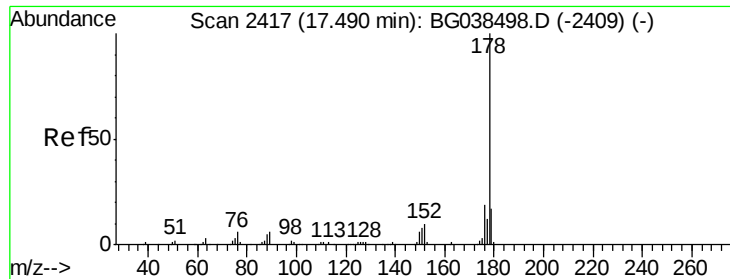


Abundance Ion 265.70 (265.40 to 266.40): E

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

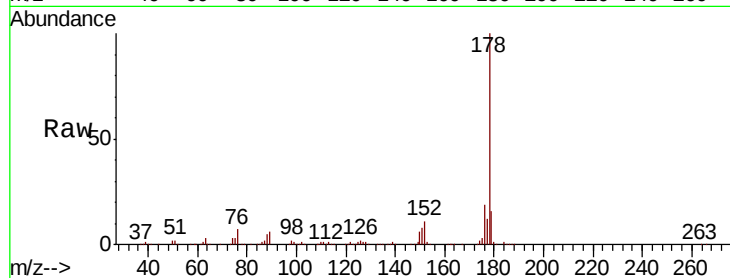
Tgt Ion:178 Resp: 517329

Ion Ratio Lower Upper

178 100

176 19.3 15.1 22.7

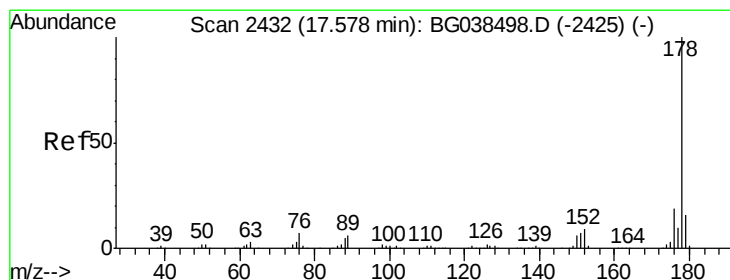
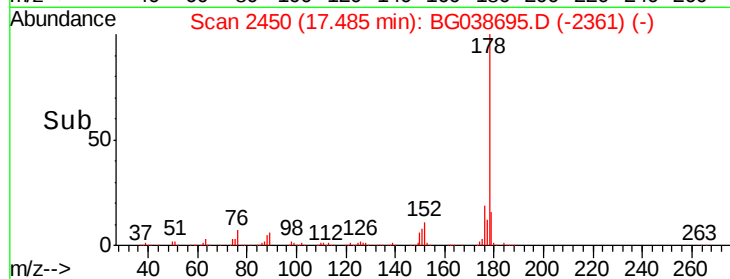
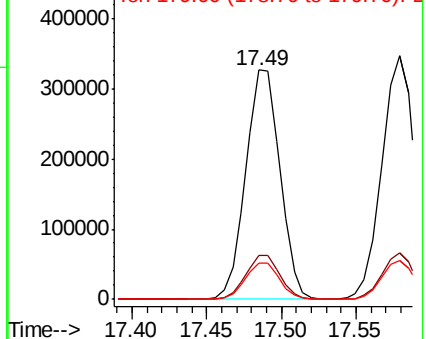
179 15.8 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#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

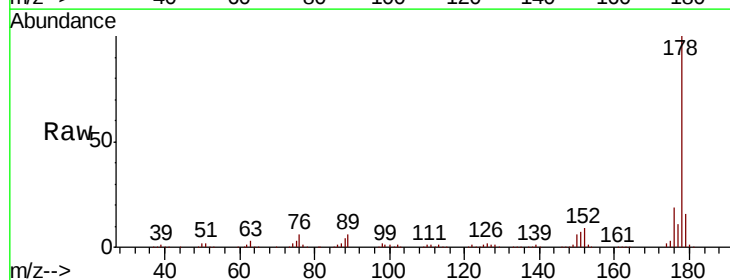
Tgt Ion:178 Resp: 532143

Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

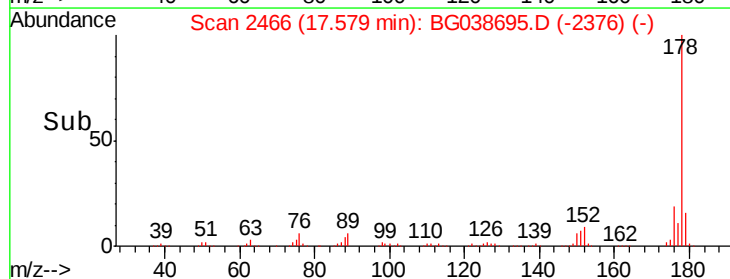
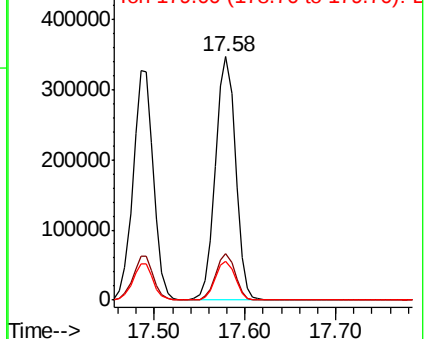
179 16.1 12.9 19.3

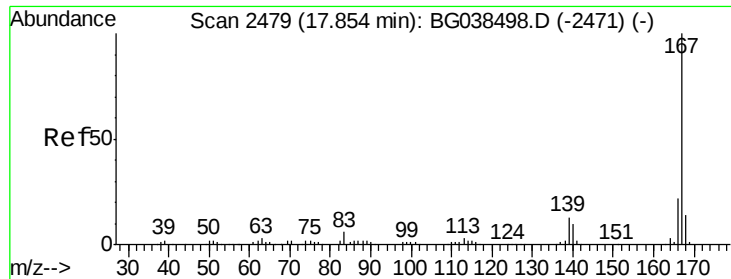


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

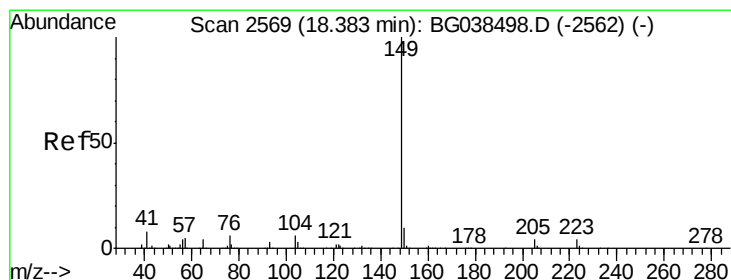
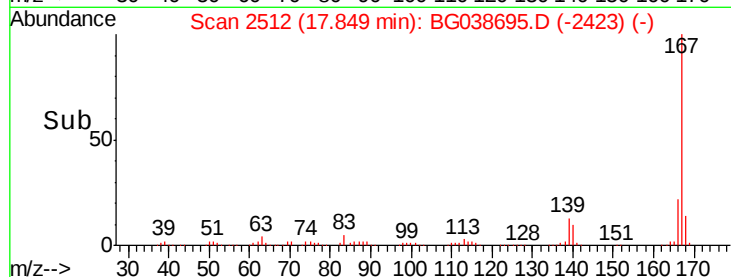
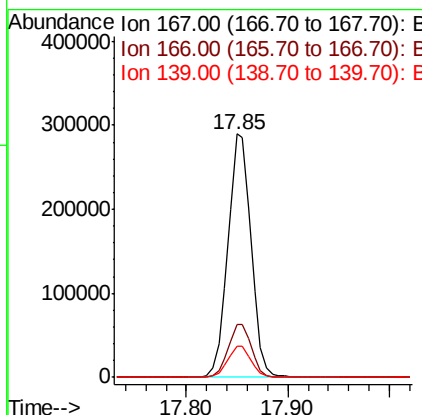
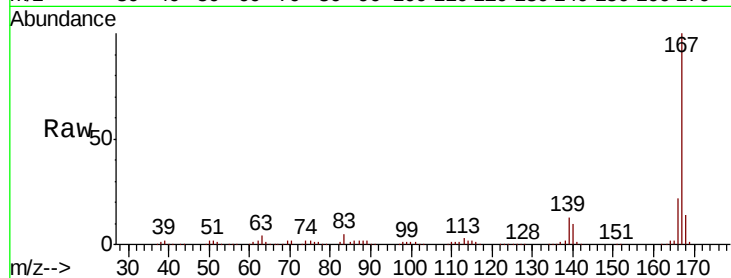




#73
 Carbazole
 Concen: 46.643 ng
 RT: 17.85 min Scan# 2512
 Delta R.T. -0.00 min
 Lab File: BG038695.D
 Acq: 18 Dec 2018 15:22

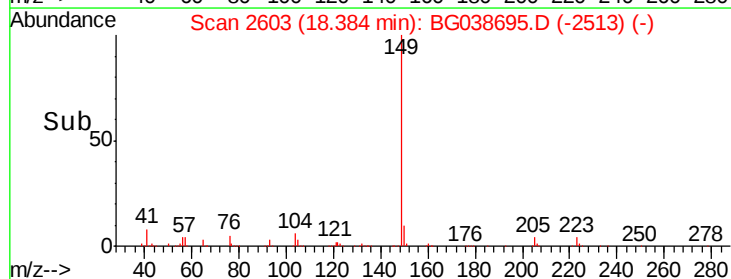
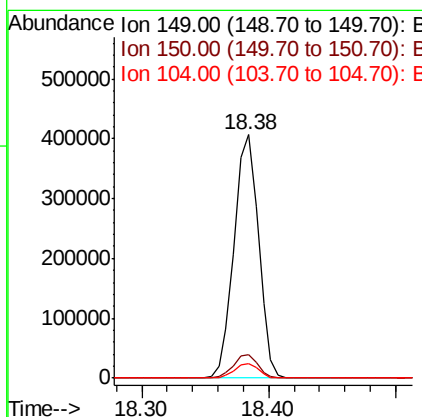
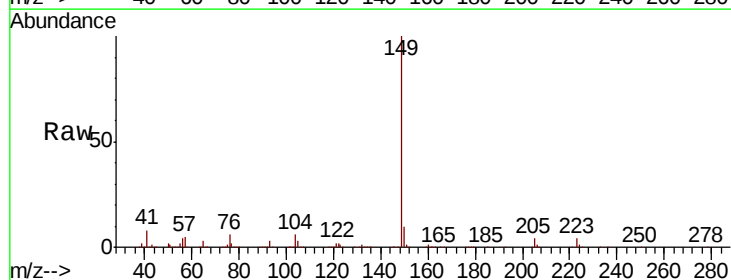
Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-04_121218MSD

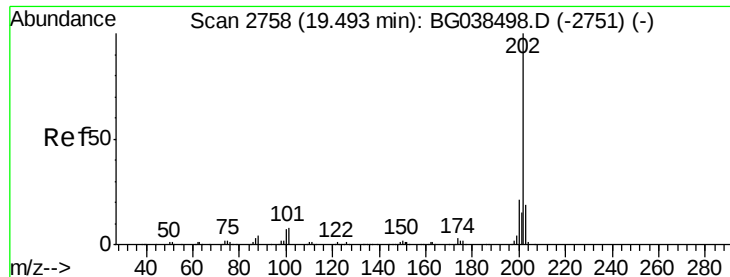
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.9	26.9
139	12.8	10.2	15.2



#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	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

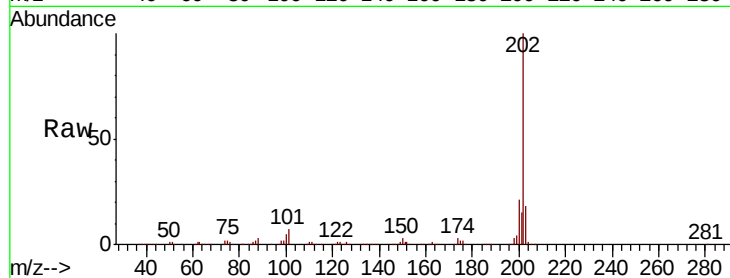
Tgt Ion:202 Resp: 631866

Ion Ratio Lower Upper

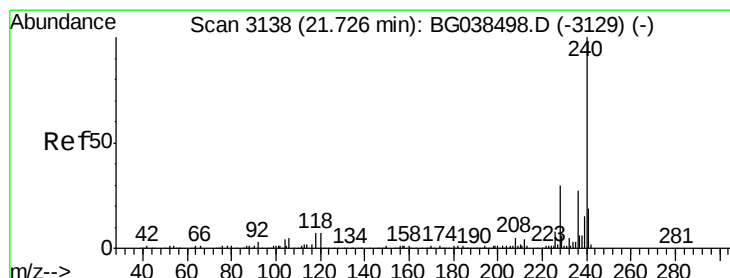
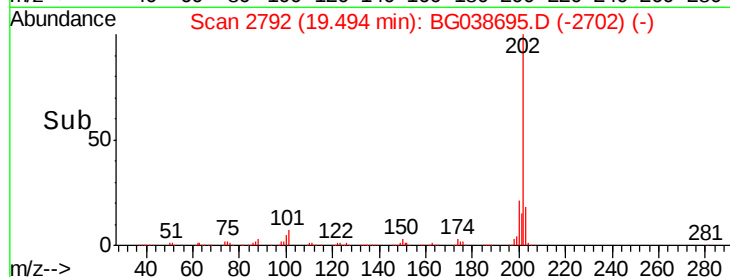
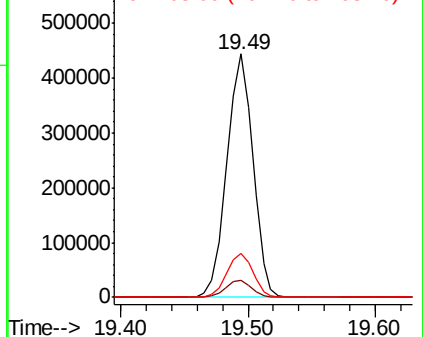
202 100

101 6.8 0.0 28.1

203 18.2 0.0 39.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#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

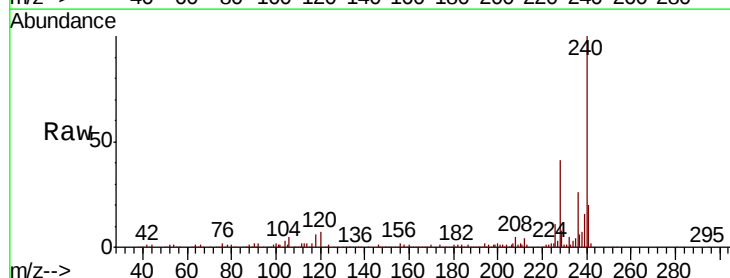
Tgt Ion:240 Resp: 191013

Ion Ratio Lower Upper

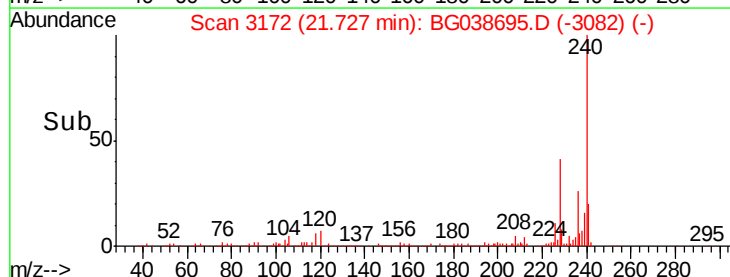
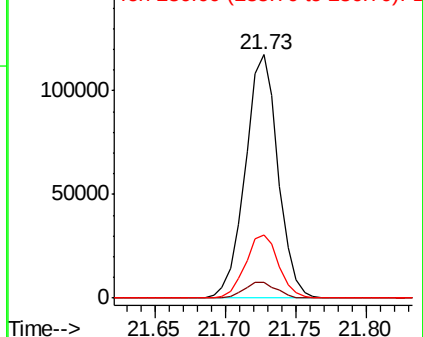
240 100

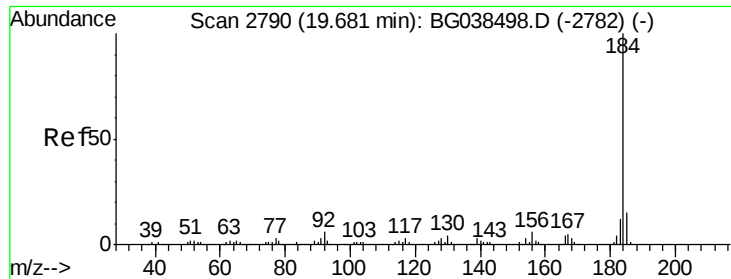
120 6.7 5.3 7.9

236 25.9 21.4 32.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

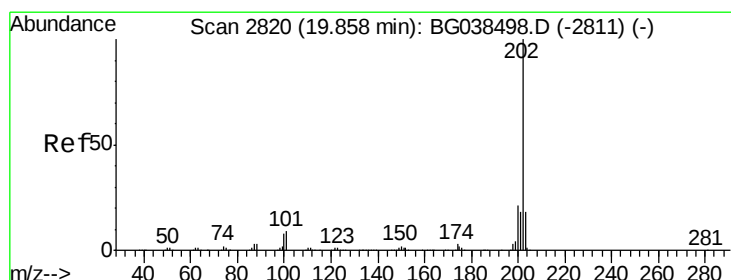
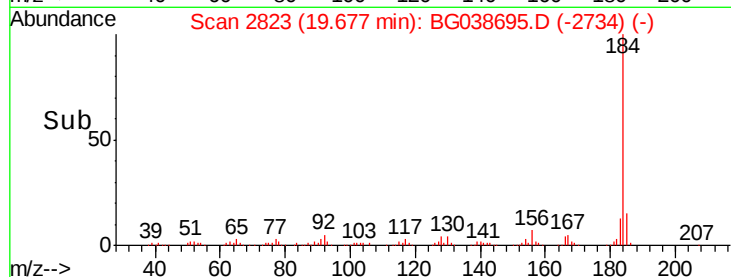
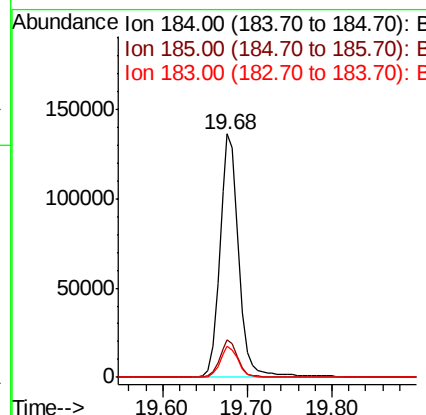
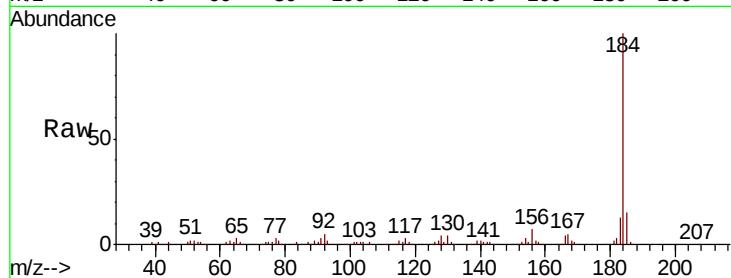




#77
Benzidine
Concen: 38.022 ng
RT: 19.68 min Scan# 2823
Delta R.T. -0.00 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

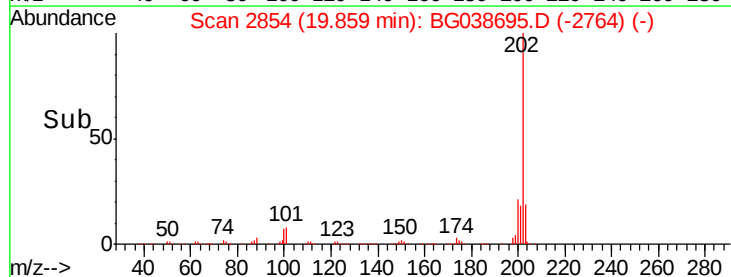
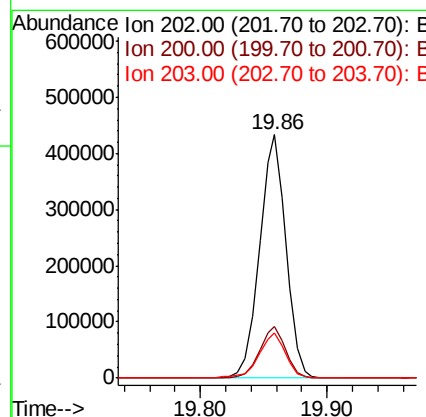
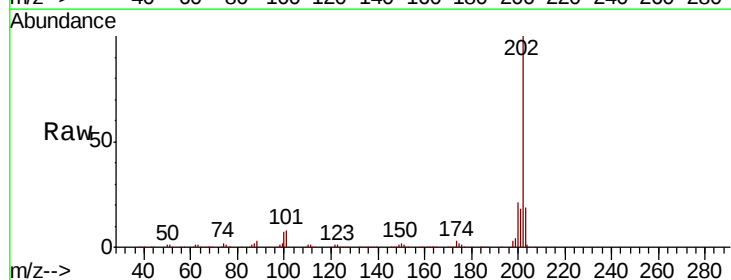
Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MSD

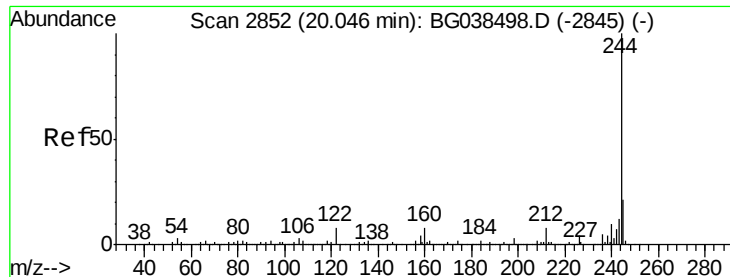
Tgt Ion:184 Resp: 214790
Ion Ratio Lower Upper
184 100
185 15.3 12.2 18.2
183 12.8 9.6 14.4



#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





#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

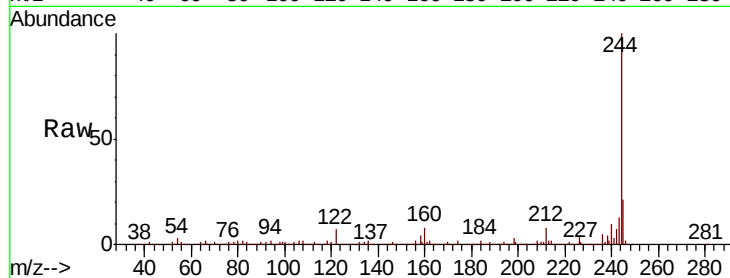
Tgt Ion:244 Resp: 927426

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

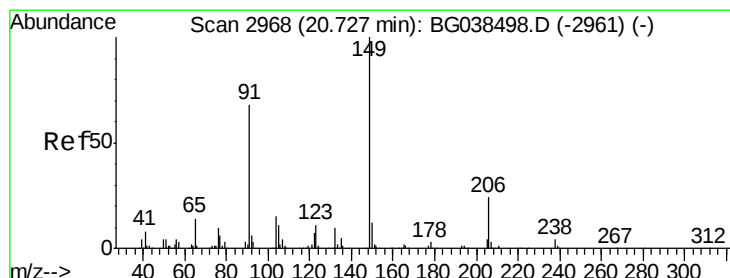
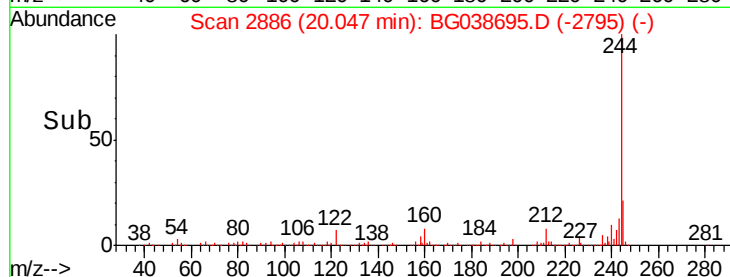
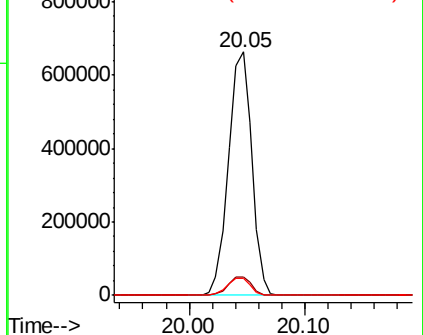
122 7.2 6.3 9.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 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

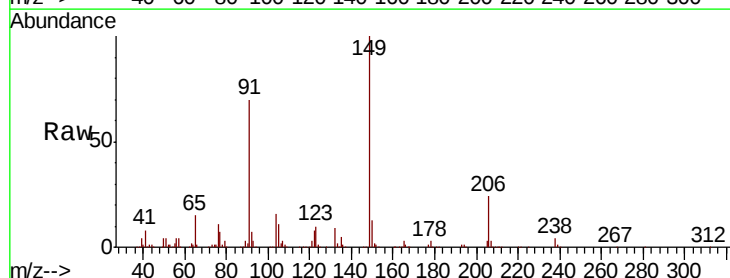
Tgt Ion:149 Resp: 247605

Ion Ratio Lower Upper

149 100

91 69.6 54.5 81.7

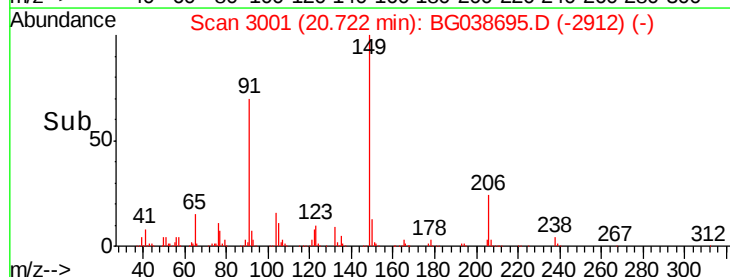
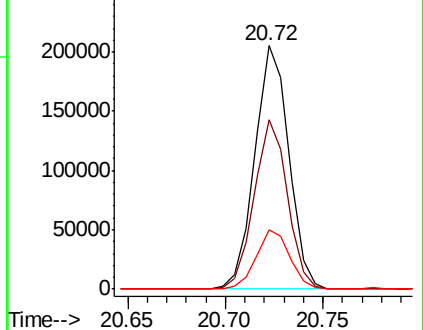
206 24.4 19.0 28.6

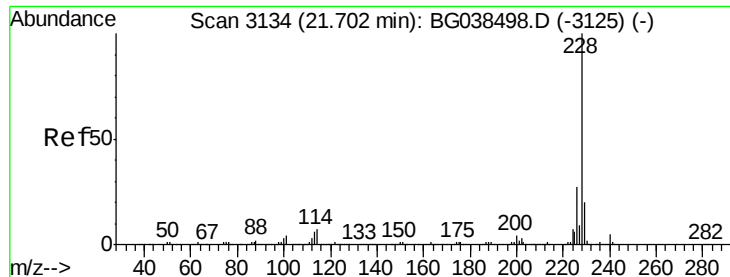


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 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

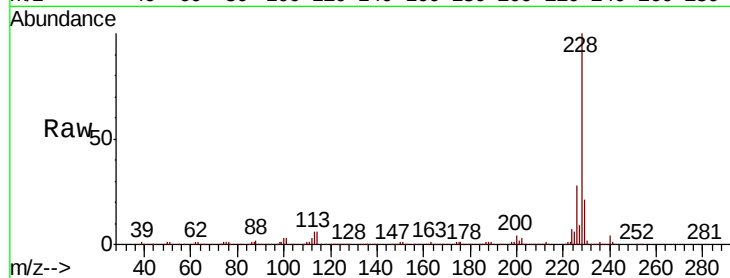
Tgt Ion:228 Resp: 616982

Ion Ratio Lower Upper

228 100

226 27.8 21.8 32.8

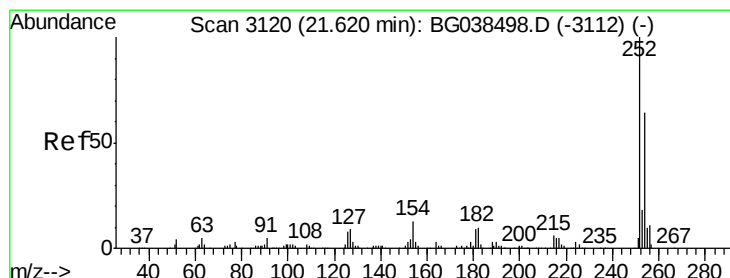
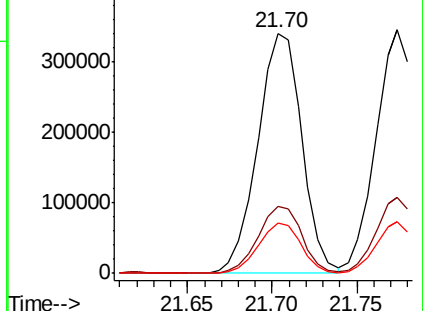
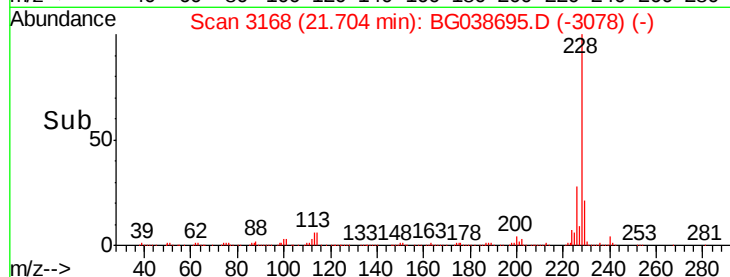
229 21.1 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#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

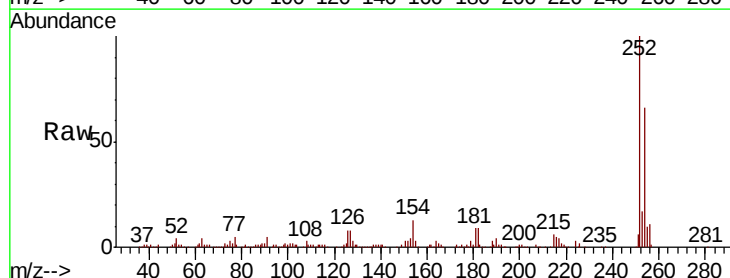
Tgt Ion:252 Resp: 155035

Ion Ratio Lower Upper

252 100

254 65.8 50.9 76.3

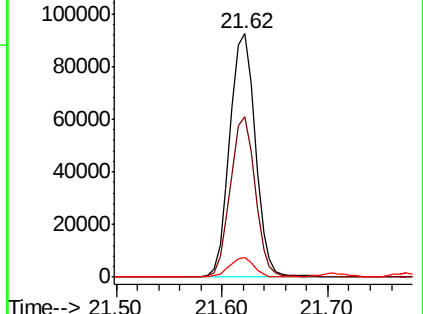
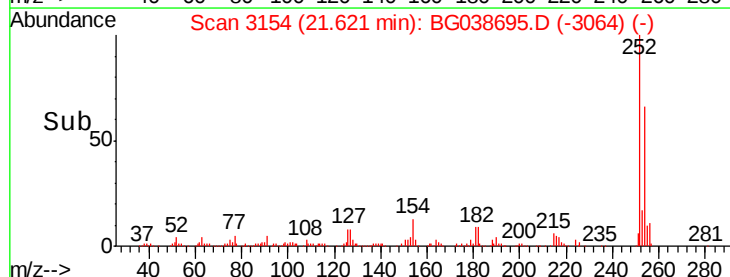
126 8.2 6.3 9.5

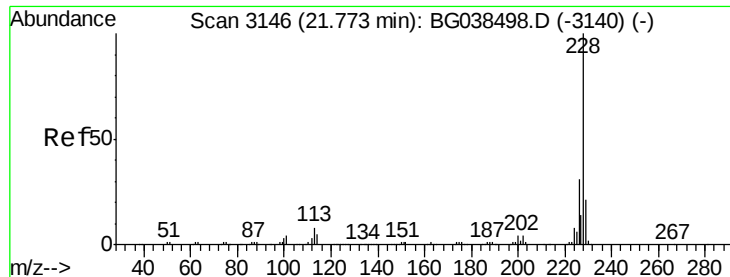


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#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

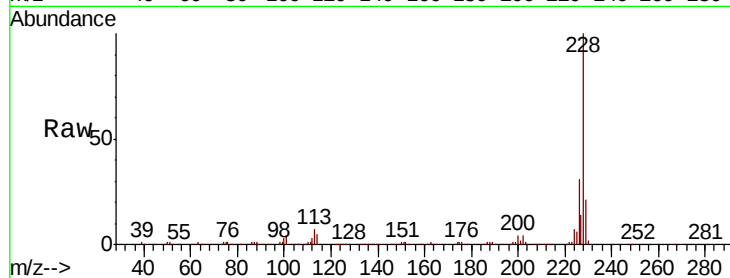
Tgt Ion: 228 Resp: 573003

Ion Ratio Lower Upper

228 100

226 30.9 25.0 37.4

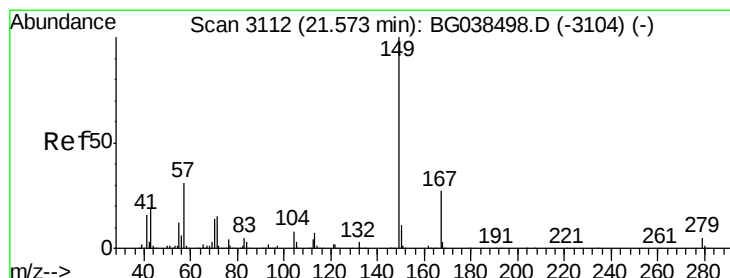
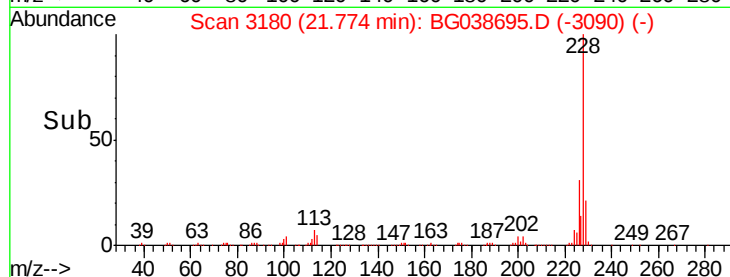
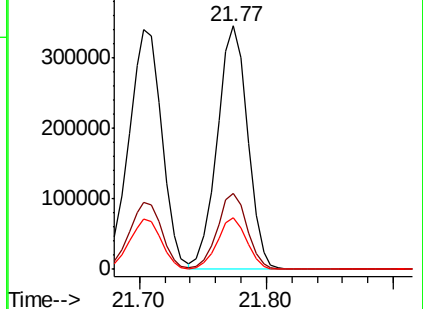
229 21.2 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#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

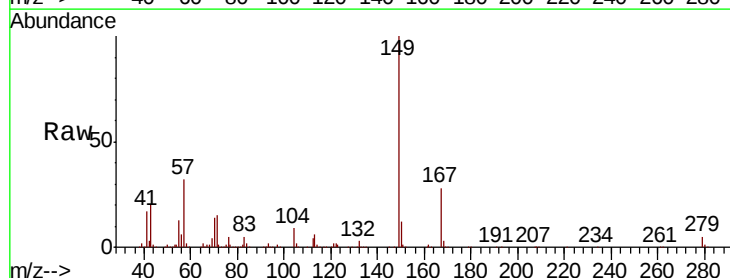
Tgt Ion: 149 Resp: 338315

Ion Ratio Lower Upper

149 100

167 28.2 21.9 32.9

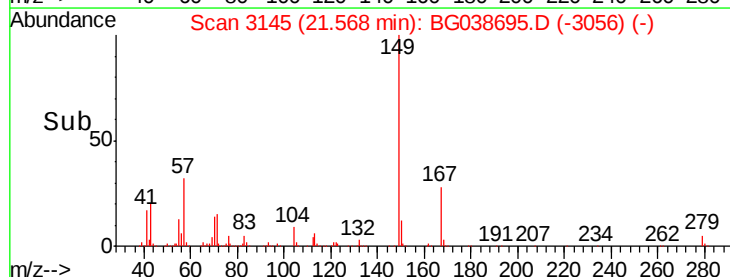
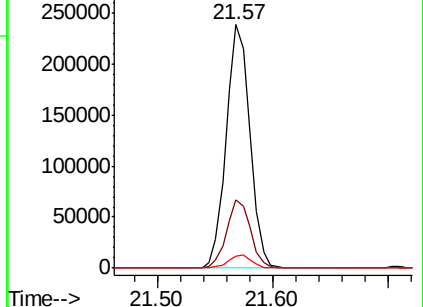
279 5.1 4.2 6.2

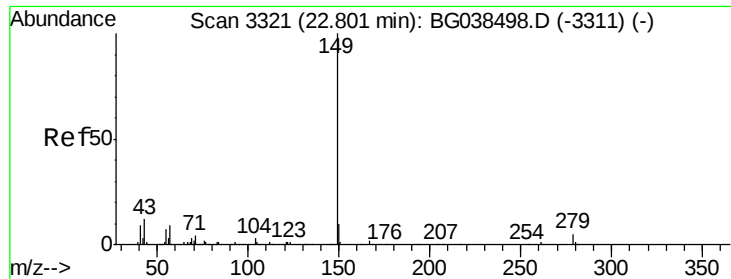


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

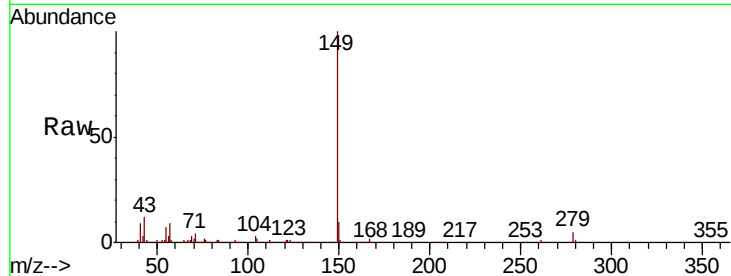




#85
Di-n-octyl phthalate
Concen: 49.356 ng
RT: 22.80 min Scan# 3355
Delta R.T. 0.00 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MSD

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

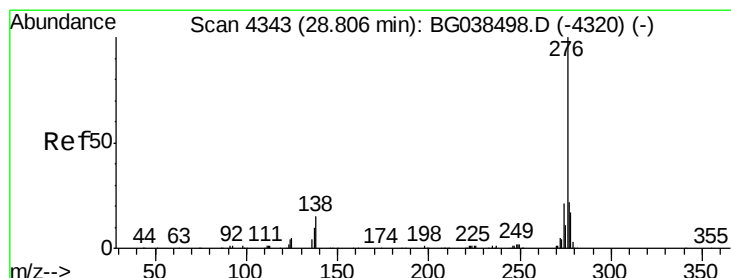
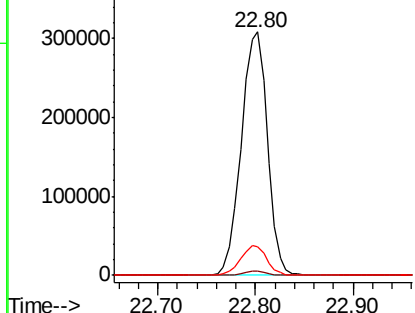
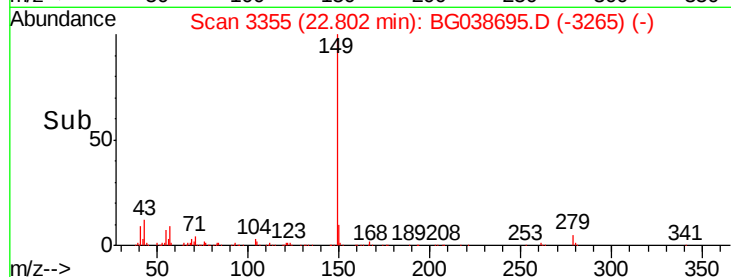


Abundance

Ion 149.00 (148.70 to 149.70): E

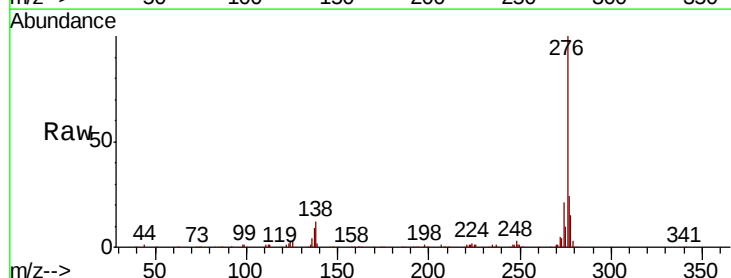
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#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	Lower	Upper
276	100		
138	15.7	14.4	21.6
277	25.3	0.0	0.0#

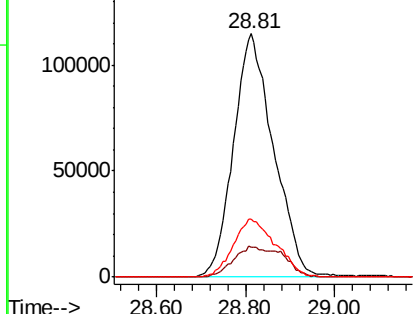
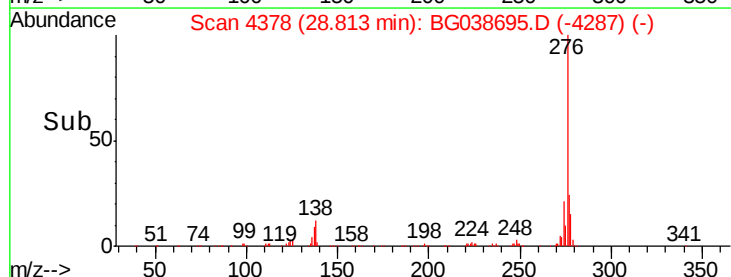


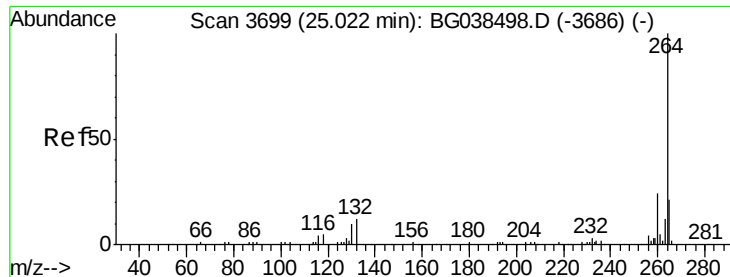
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

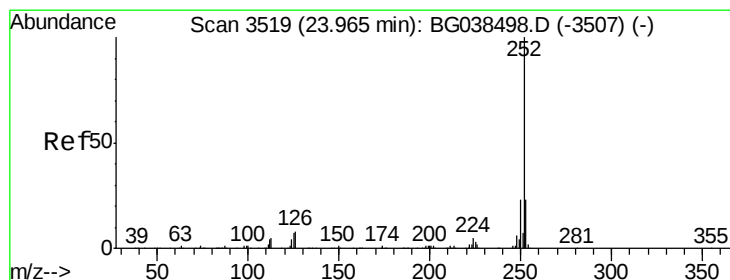
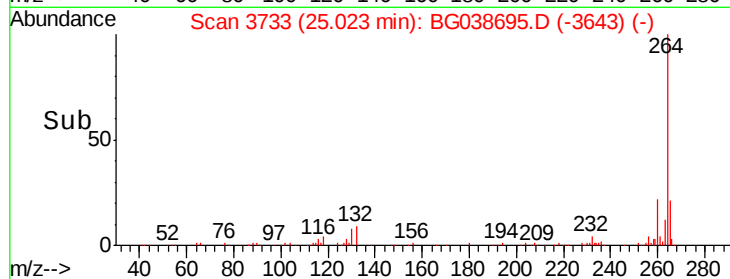
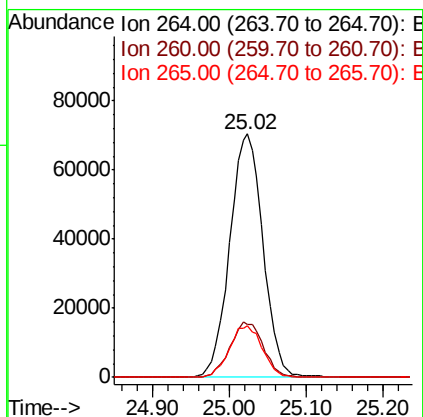
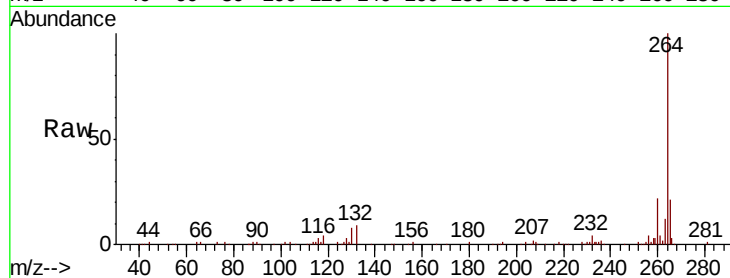




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3733
Delta R.T. 0.00 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

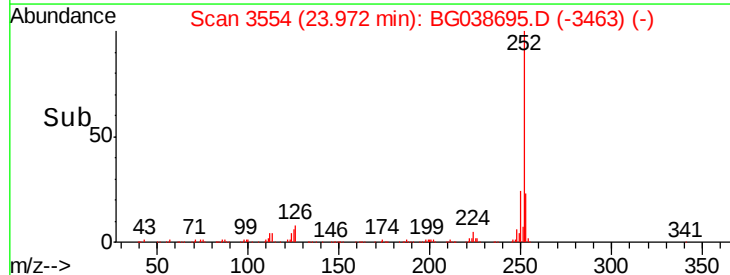
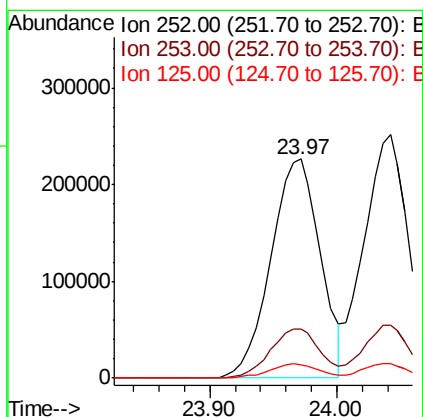
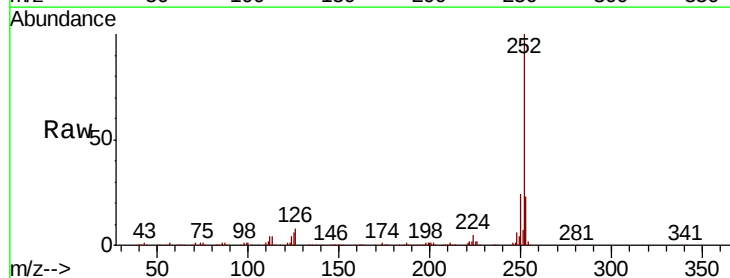
Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MSD

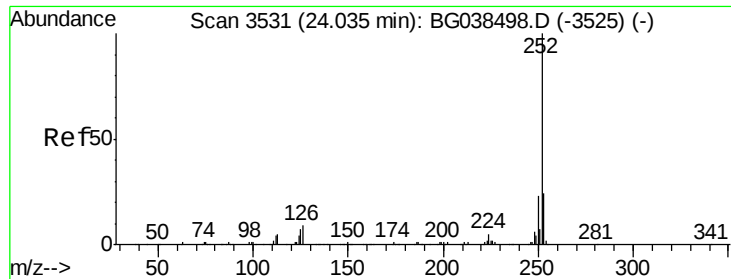
Tgt Ion:264 Resp: 211514
Ion Ratio Lower Upper
264 100
260 21.5 18.9 28.3
265 21.1 17.0 25.4



#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:252 Resp: 612631
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 6.0 5.5 8.3

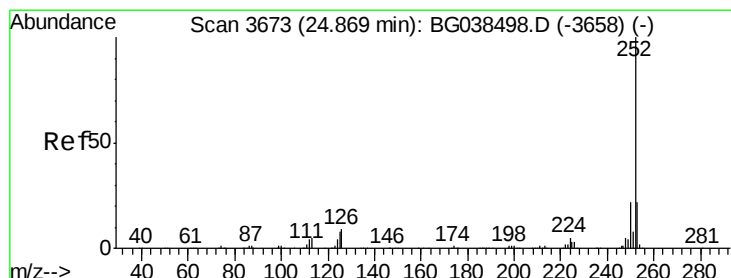
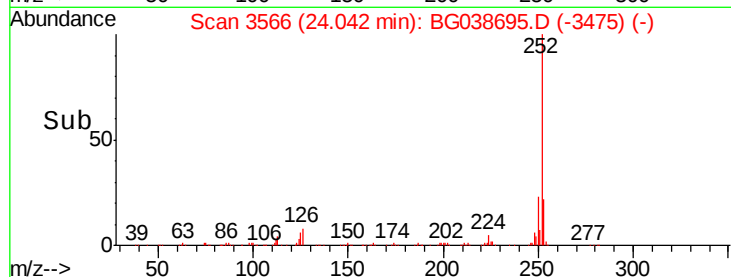
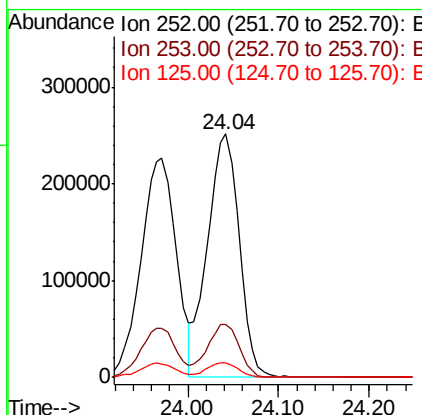
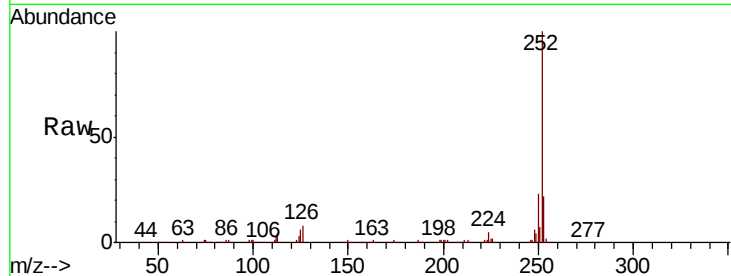




#89
Benzo(k)fluoranthene
Concen: 52.795 ng
RT: 24.04 min Scan# 3566
Delta R.T. 0.01 min
Lab File: BG038695.D
Acq: 18 Dec 2018 15:22

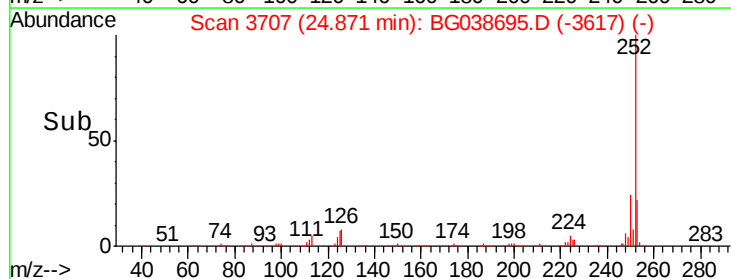
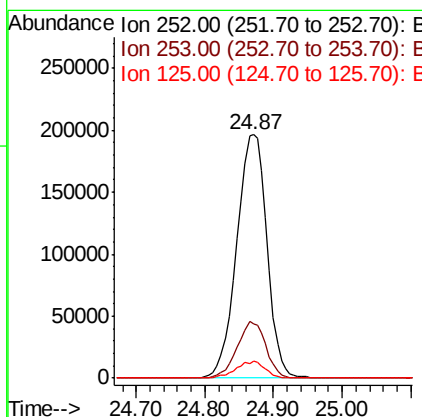
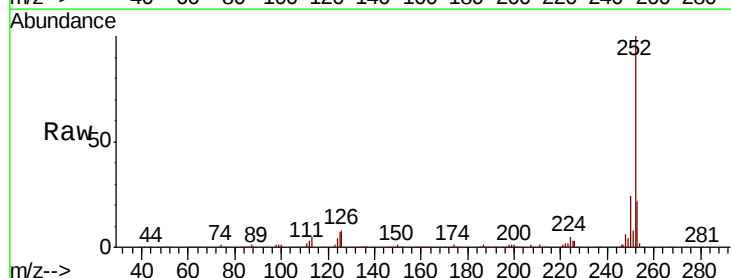
Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MSD

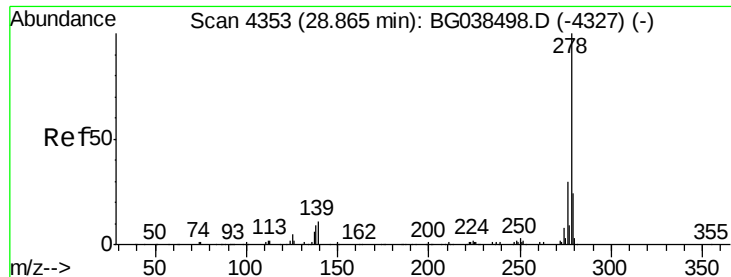
Tgt Ion:252 Resp: 610519
Ion Ratio Lower Upper
252 100
253 21.9 18.9 28.3
125 5.8 5.4 8.2



#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

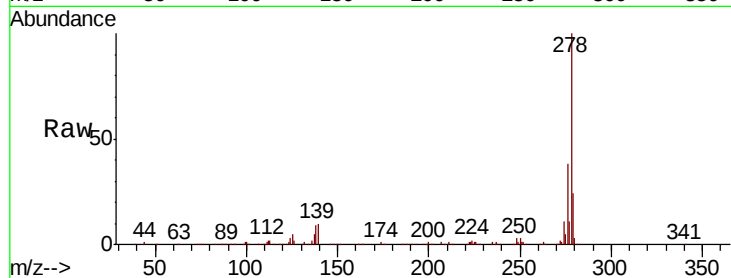
Tgt Ion:278 Resp: 592436

Ion Ratio Lower Upper

278 100

139 10.0 8.6 12.8

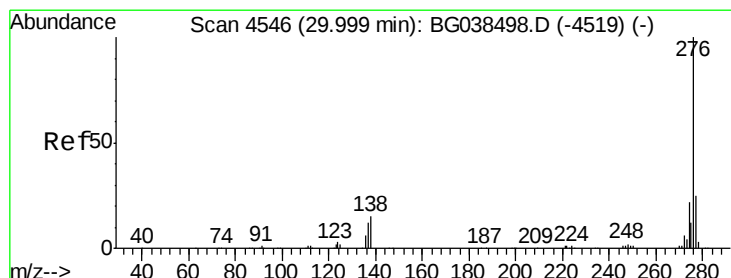
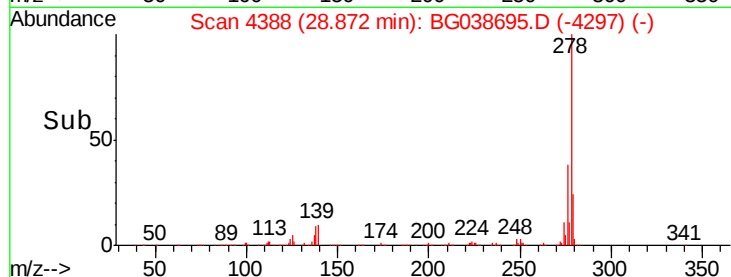
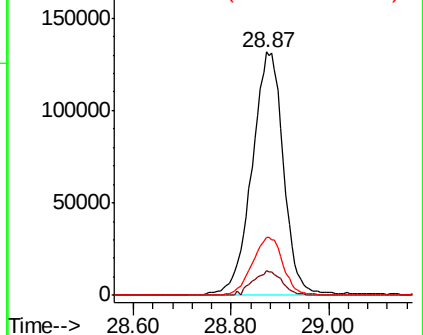
279 23.9 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#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

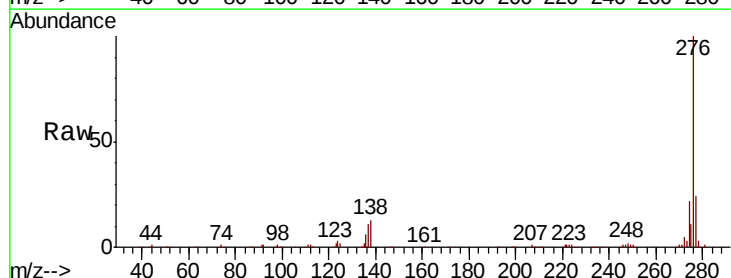
Tgt Ion:276 Resp: 586502

Ion Ratio Lower Upper

276 100

277 23.6 19.8 29.8

138 12.9 11.8 17.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

