

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050719\
 Data File : BG040777.D
 Acq On : 7 May 2019 19:46
 Operator : HP/JU
 Sample : K2697-06MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-4-20190502MSD

Manual Integrations
 APPROVED

Quant Time: May 08 13:08:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	45619	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	176213	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	130255	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	351554	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	348652	20.00	ng	-0.02
87) Perylene-d12	25.15	264	363117	20.00	ng	-0.05

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System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	230809	89.19	ng	-0.01
7) Phenol-d6	7.28	99	237464	59.59	ng	-0.01
23) Nitrobenzene-d5	9.32	82	493222	129.33	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	41443	23.15	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	1039274	115.23	ng	-0.02
79) Terphenyl-d14	20.11	244	1916618	121.79	ng	-0.02

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Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	29713	25.246	ng	97
3) Pyridine	3.95	79	116962	34.286	ng	96
4) n-Nitrosodimethylamine	3.88	42	49868	26.355	ng	94
6) Aniline	7.47	93	232357	43.995	ng	100
8) 2-Chlorophenol	7.70	128	142945	45.236	ng	96
9) Benzaldehyde	7.28	77	110431	49.133	ng	96
10) Phenol	7.31	94	82085	19.164	ng	93
11) bis(2-Chloroethyl)ether	7.56	93	163302	50.841	ng	98
12) 1,3-Dichlorobenzene	8.03	146	161150	46.723	ng	98
13) 1,4-Dichlorobenzene	8.18	146	167629	47.943	ng	96
14) 1,2-Dichlorobenzene	8.50	146	157054	46.577	ng	99
15) Benzyl Alcohol	8.38	79	145857	35.180	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.66	45	276787	43.283	ng	96
17) 2-Methylphenol	8.57	107	115830	38.212	ng	96
18) Hexachloroethane	9.23	117	60242	42.002	ng	96
19) n-Nitroso-di-n-propylamine	8.95	70	162785	45.383	ng	96
20) 3+4-Methylphenols	8.90	107	145328	34.415	ng	97
22) Acetophenone	8.98	105	294493	60.100	ng	# 95
24) Nitrobenzene	9.37	77	247712	60.879	ng	98
25) Isophorone	9.88	82	468250	55.122	ng	100
26) 2-Nitrophenol	10.07	139	74921	51.367	ng	91
27) 2,4-Dimethylphenol	10.12	122	138910	50.760	ng	98
28) bis(2-Chloroethoxy)methane	10.36	93	238524	55.965	ng	97
29) 2,4-Dichlorophenol	10.60	162	192641	61.919	ng	93
30) 1,2,4-Trichlorobenzene	10.82	180	192224	55.716	ng	99
31) Naphthalene	11.02	128	519399	55.482	ng	98
33) 4-Chloroaniline	11.13	127	241524	58.188	ng	96
34) Hexachlorobutadiene	11.28	225	135142	53.057	ng	99
35) Caprolactam	11.89	113	14595	11.882	ng	94
36) 4-Chloro-3-methylphenol	12.22	107	212690	54.192	ng	96
37) 2-Methylnaphthalene	12.61	142	402349	57.483	ng	98
38) 1-Methylnaphthalene	12.83	142	387819	56.685	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	284544	58.641	ng	99
41) Hexachlorocyclopentadiene	12.94	237	205947	71.927	ng	99

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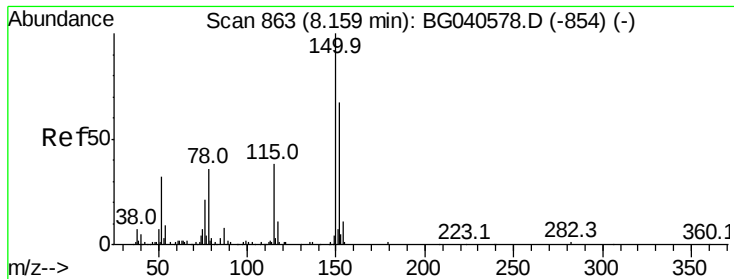
Instrument :
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 MW-4-20190502MSD

Manual Integrations
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.21	196	40294	13.741	nq	89
44) 2,4,5-Trichlorophenol	13.28	196	161128	50.442	nq	95
46) 1,1'-Biphenyl	13.61	154	558829	55.258	nq	96
47) 2-Chloronaphthalene	13.66	162	459684	58.082	nq	97
48) 2-Nitroaniline	13.86	65	192371	68.284	nq	95
49) Acenaphthylene	14.50	152	732547	54.555	nq	99
50) Dimethylphthalate	14.22	163	659874	60.549	nq	98
51) 2,6-Dinitrotoluene	14.35	165	142936	67.201	nq	94
52) Acenaphthene	14.84	154	428227	54.762	nq	96
53) 3-Nitroaniline	14.68	138	142338	65.312	nq	# 92
55) Dibenzofuran	15.17	168	769833	60.104	nq	100
56) 4-Nitrophenol	14.97	139	2018m	1.068	nq	5/9/2019 6:28:58 PM
57) 2,4-Dinitrotoluene	15.13	165	198600	68.714	nq	96
58) Fluorene	15.81	166	610290	58.951	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.39	232	6735m	2.095	nq	
60) Diethylphthalate	15.57	149	687187	59.763	nq	99
61) 4-Chlorophenyl-phenylether	15.80	204	375798	62.414	nq	98
62) 4-Nitroaniline	15.84	138	150028	61.541	nq	89
63) Azobenzene	16.10	77	653896	55.220	nq	97
65) 4,6-Dinitro-2-methylphenol	15.90	198	324m	7.261	nq	
66) n-Nitrosodiphenylamine	16.02	169	570176	55.126	nq	98
67) 4-Bromophenyl-phenylether	16.70	248	254165	58.030	nq	92
68) Hexachlorobenzene	16.81	284	264441	58.391	nq	96
69) Atrazine	16.96	200	252109	61.522	nq	100
70) Pentachlorophenol	17.15	266	1225m	0.462	nq	
71) Phenanthrene	17.56	178	1056966	55.819	nq	98
72) Anthracene	17.65	178	1081692	56.831	nq	99
73) Carbazole	17.92	167	948549	54.700	nq	99
74) Di-n-butylphthalate	18.45	149	1123249	53.666	nq	99
75) Fluoranthene	19.56	202	1353507	57.360	nq	99
77) Benzidine	19.74	184	884610	92.666	nq	99
78) Pyrene	19.92	202	1335527	61.117	nq	97
80) Butylbenzylphthalate	20.79	149	520411	61.104	nq	92
81) Benzo(a)anthracene	21.78	228	1300968	59.041	nq	99
82) 3,3'-Dichlorobenzidine	21.70	252	458244	58.346	nq	97
83) Chrysene	21.85	228	1292383	61.671	nq	98
84) Bis(2-ethylhexyl)phthalate	21.65	149	722964	58.805	nq	97
85) Di-n-octyl phthalate	22.91	149	1216645	58.761	nq	97
86) Indeno(1,2,3-cd)pyrene	29.01	276	1390004	54.861	nq	# 91
88) Benzo(b)fluoranthene	24.08	252	1321310	59.546	nq	97
89) Benzo(k)fluoranthene	24.16	252	1332473	64.300	nq	98
90) Benzo(a)pyrene	25.00	252	1285114	61.184	nq	# 97
91) Dibenzo(a,h)anthracene	29.09	278	1083712	50.985	nq	97
92) Benzo(g,h,i)perylene	30.22	276	1071746	50.663	nq	100

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



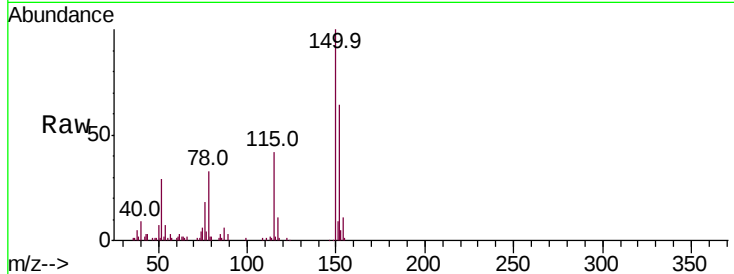
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.02 min
Lab File: BG040777.D
Acq: 7 May 2019 19:46

Instrument :
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ClientSampleId :
MW-4-20190502MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	120.2	180.2
115	64.6	46.2	69.2

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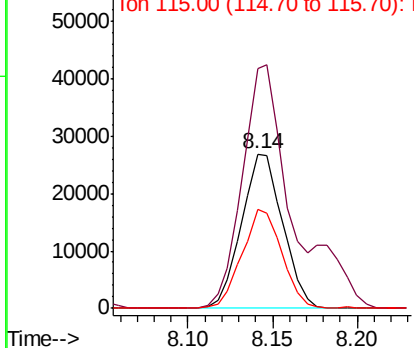


Abundance

Ion 152.00 (151.70 to 152.70): E

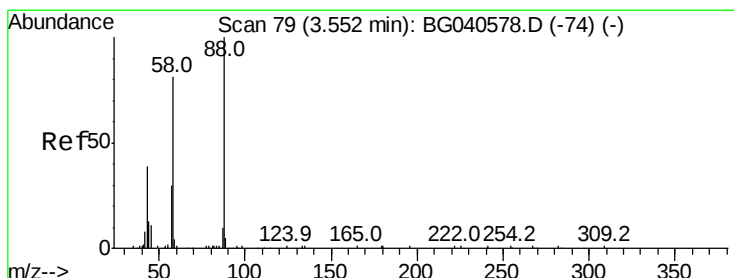
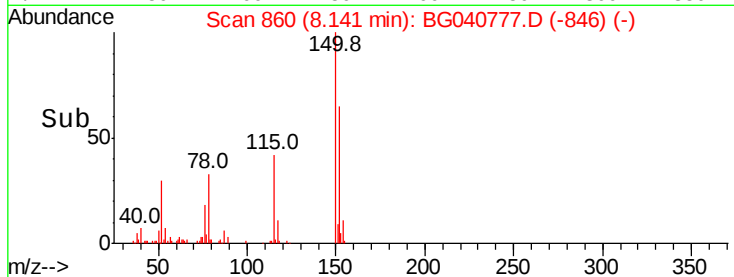
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



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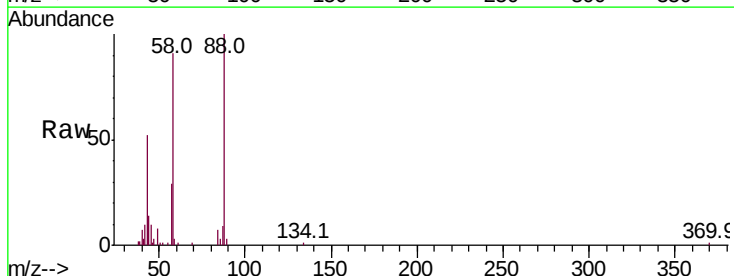
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#2

1,4-Dioxane
Concen: 25.246 ng
RT: 3.54 min Scan# 77
Delta R.T. -0.01 min
Lab File: BG040777.D
Acq: 7 May 2019 19:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.6	71.2	106.8
43	44.4	35.6	53.4

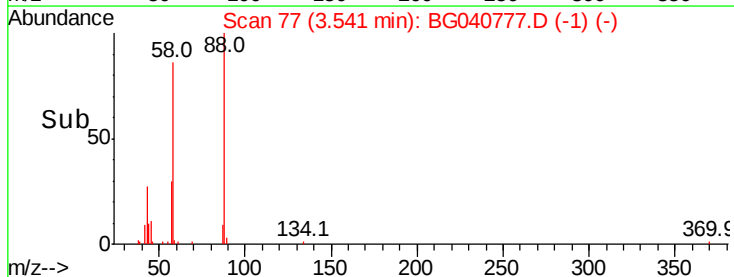
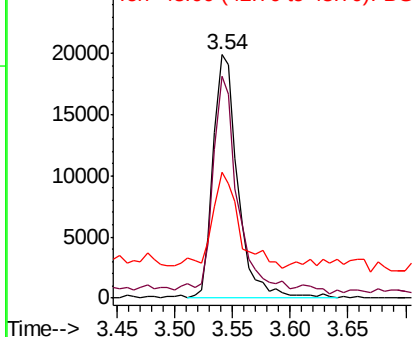


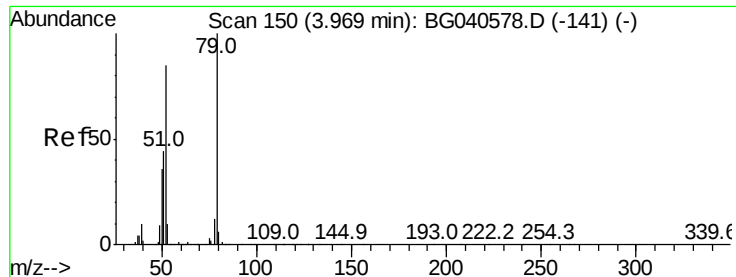
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC



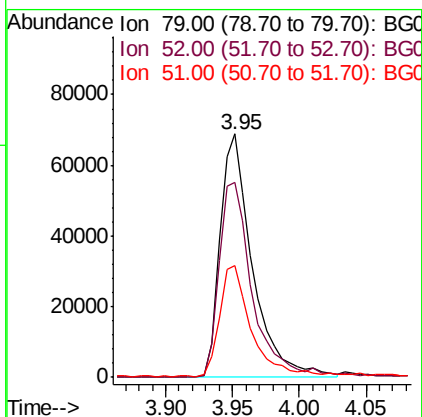
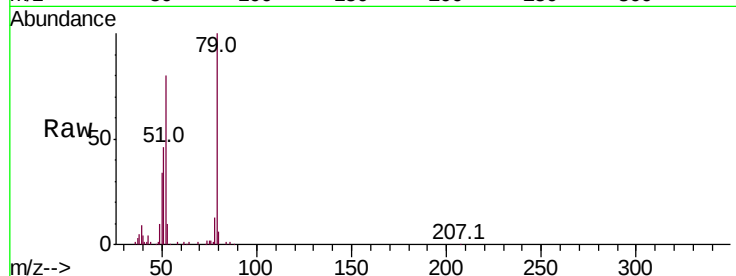


#3
Pvridine
Concen: 34.286 ng
RT: 3.95 min Scan# 147
Delta R.T. -0.02 min
Lab File: BG040777.D
Acq: 7 May 2019 19:46

Instrument :
BNA_G
ClientSampleId :
MW-4-20190502MSD

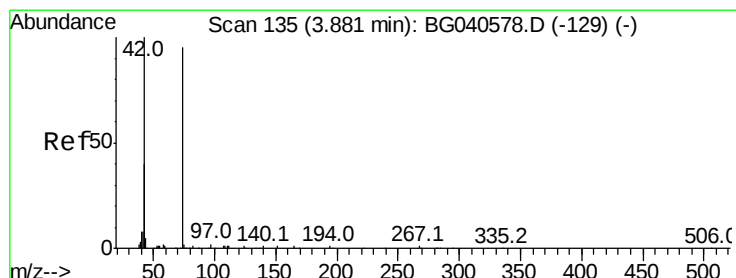
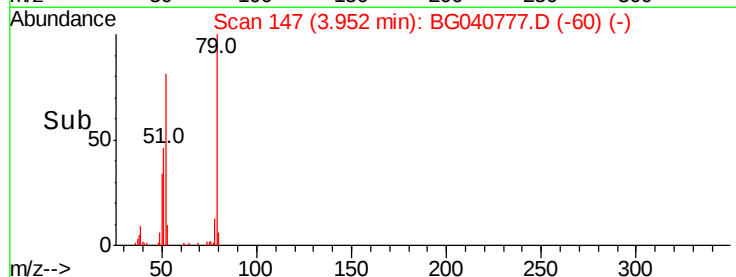
Tot Ion	Ratio	Lower	Upper
79	100		
52	80.3	67.5	101.3
51	46.2	35.6	53.4

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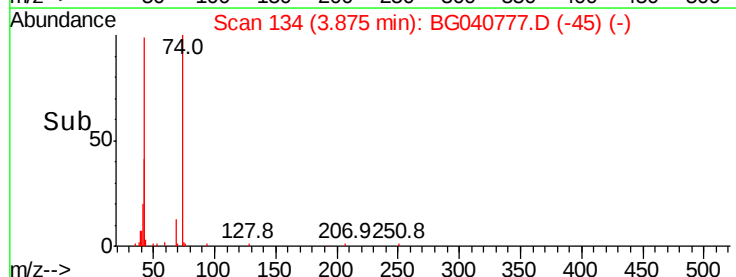
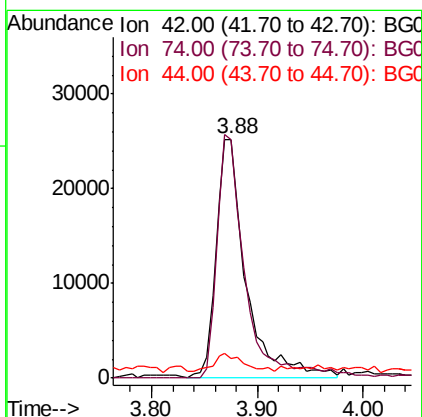
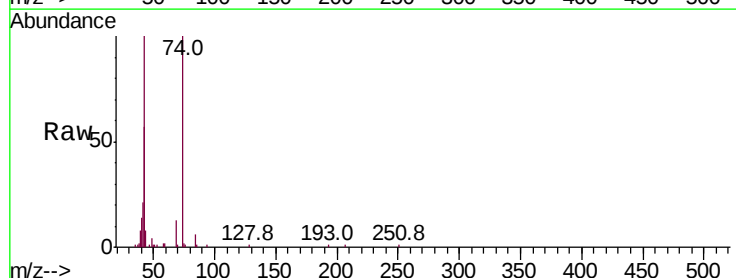
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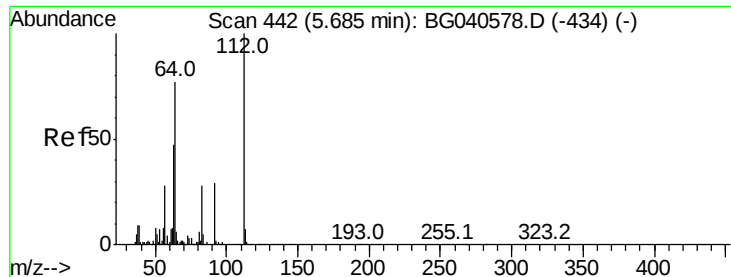
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#4
n-Nitrosodimethylamine
Concen: 26.355 ng
RT: 3.88 min Scan# 134
Delta R.T. -0.01 min
Lab File: BG040777.D
Acq: 7 May 2019 19:46

Tgt Ion	Ratio	Lower	Upper
42	100		
74	99.6	74.6	111.8
44	8.0	7.4	11.0





#5

2-Fluorophenol

Concen: 89.187 ng

RT: 5.67 min Scan# 440

Delta R.T. -0.01 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Instrument :

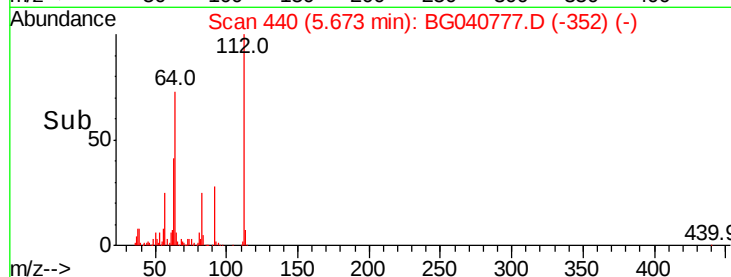
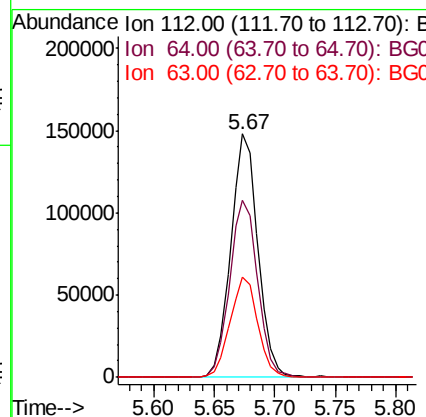
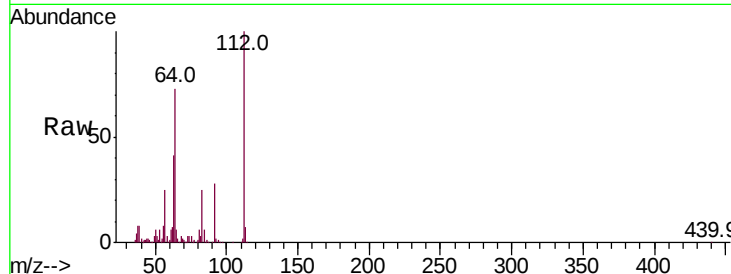
BNA_G

ClientSampleId :

MW-4-20190502MSD

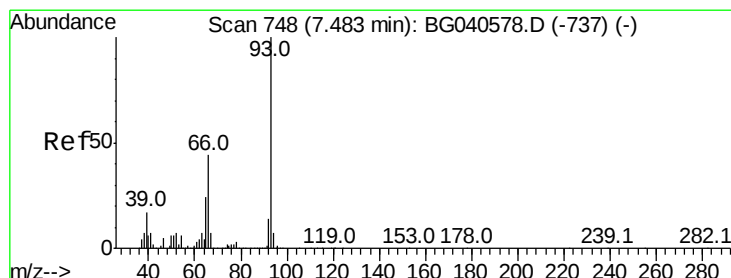
Tot Ion:	112	Resp:	230809
Ion Ratio	Lower	Upper	
112	100		
64	72.9	61.4	92.0
63	41.3	37.8	56.6

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#6

Aniline

Concen: 43.995 ng

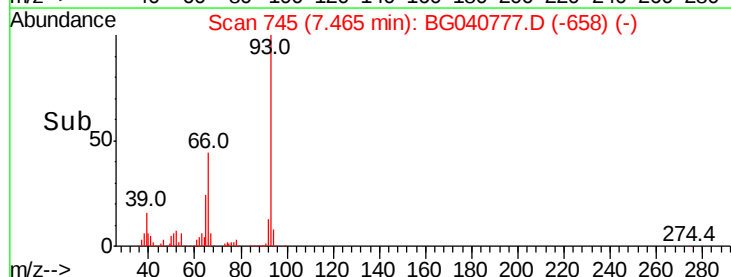
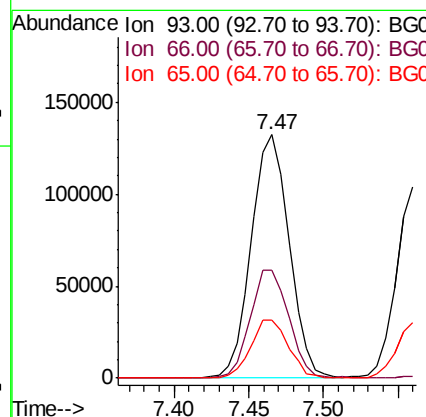
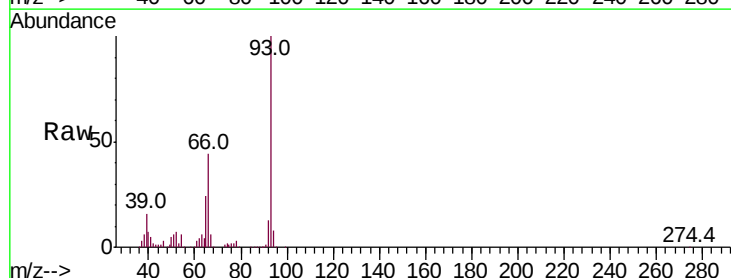
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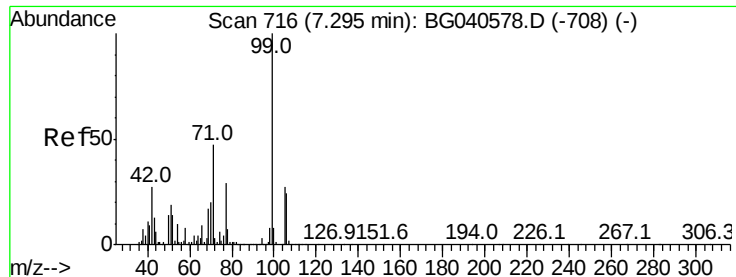
Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Tgt Ion:	93	Resp:	232357
Ion Ratio	Lower	Upper	
93	100		
66	44.3	35.5	53.3
65	23.6	19.2	28.8





#7

Phenol-d6

Concen: 59.594 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Instrument :

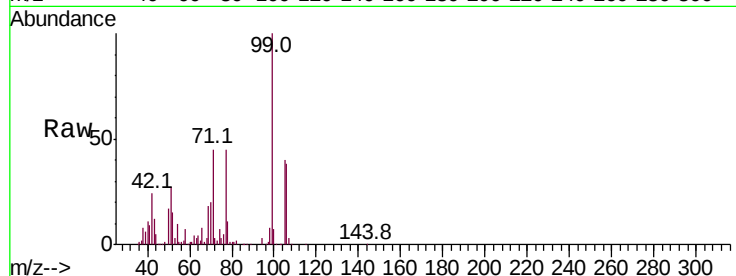
BNA_G

ClientSampleId :

MW-4-20190502MSD

Tot Ion:	99	Resp:	237464
Ion Ratio	Lower	Upper	
99	100		
42	24.3	21.8	32.8
71	45.1	38.6	57.8

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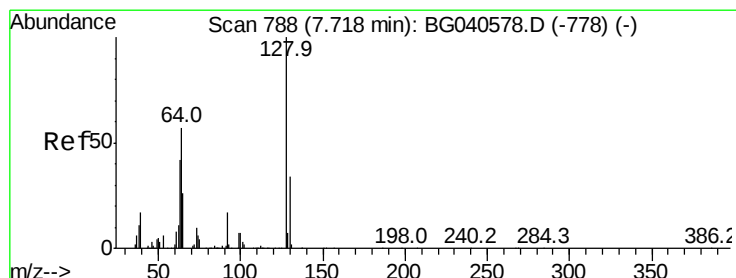
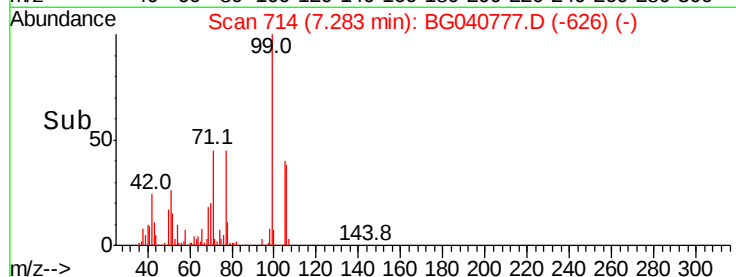
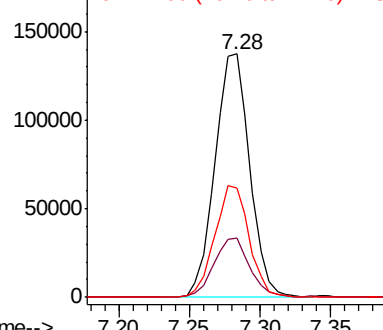


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 45.236 ng

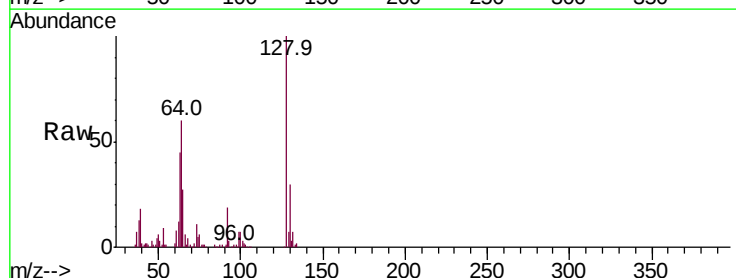
RT: 7.70 min Scan# 785

Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Tgt Ion:	128	Resp:	142945
Ion Ratio	Lower	Upper	
128	100		
130	30.4	14.5	54.5
64	60.0	38.4	78.4

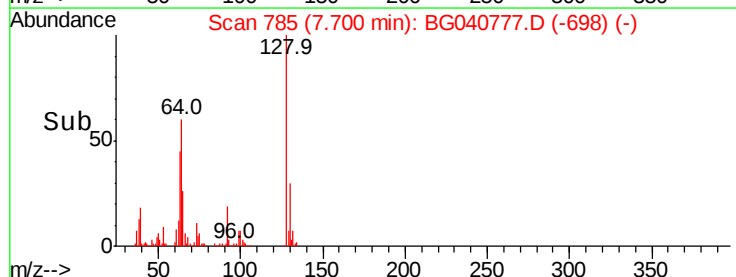
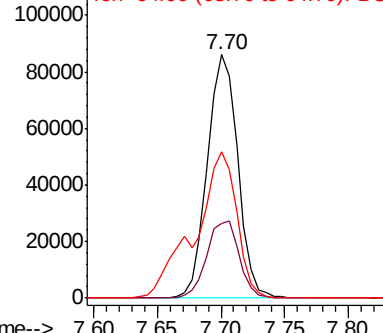


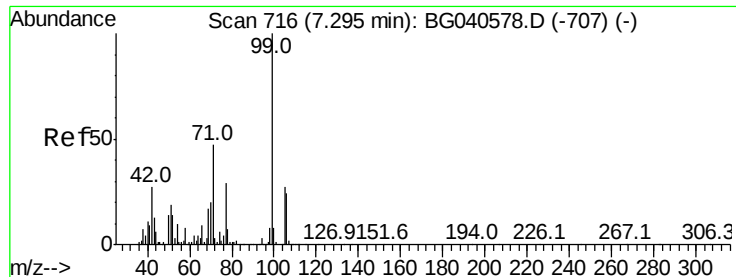
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 49.133 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Instrument :

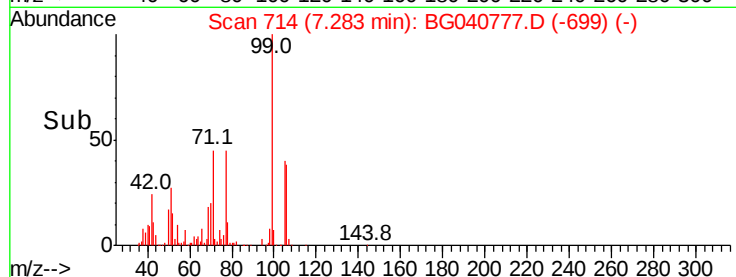
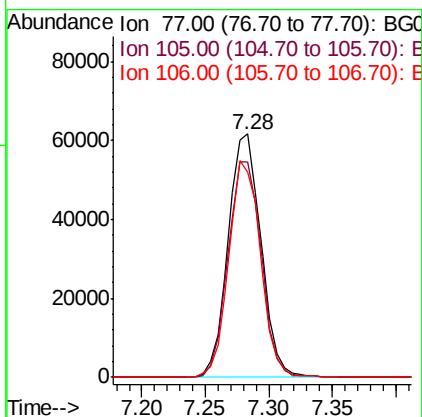
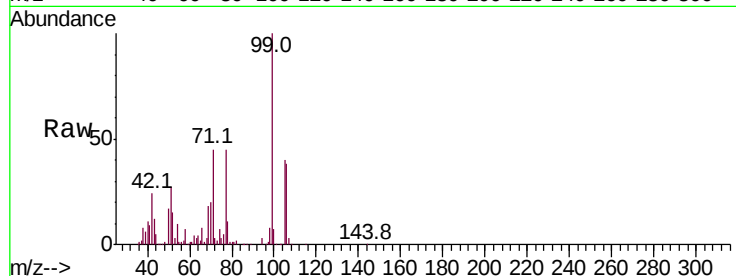
BNA_G

ClientSampleId :

MW-4-20190502MSD

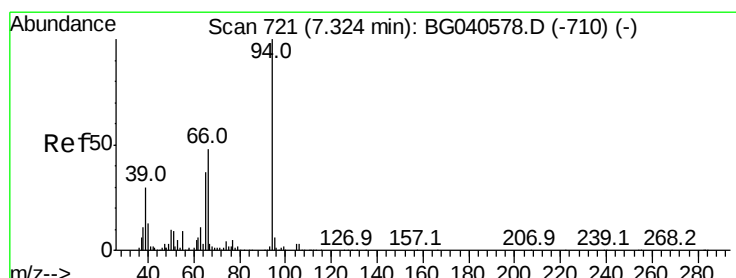
Tot Ion:	77	Resp:	110431
Ion Ratio	Lower	Upper	
77	100		
105	88.5	72.0	112.0
106	84.2	61.2	101.2

Manual Integrations
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#10

Phenol

Concen: 19.164 ng

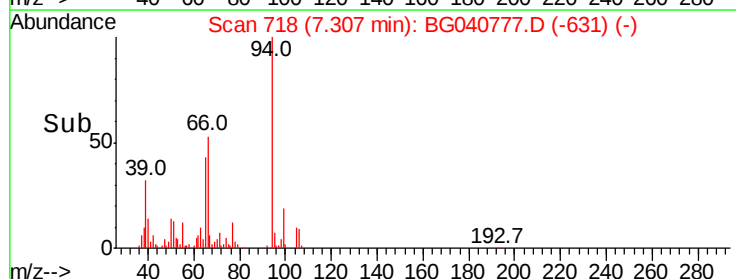
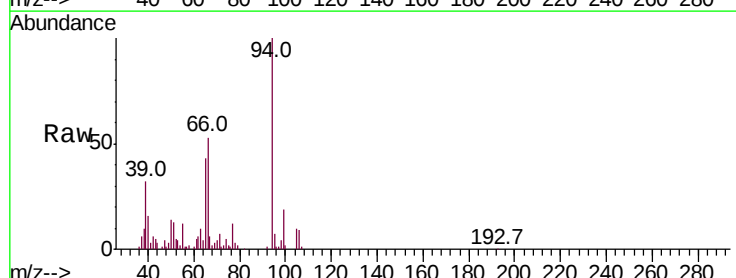
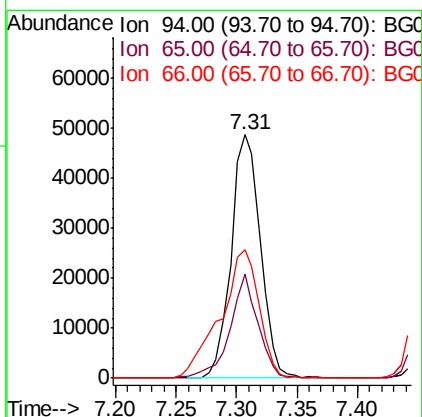
RT: 7.31 min Scan# 718

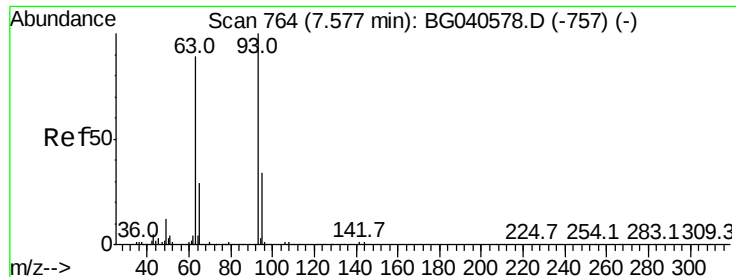
Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Tgt Ion:	94	Resp:	82085
Ion Ratio	Lower	Upper	
94	100		
65	42.5	17.0	57.0
66	52.7	28.6	68.6



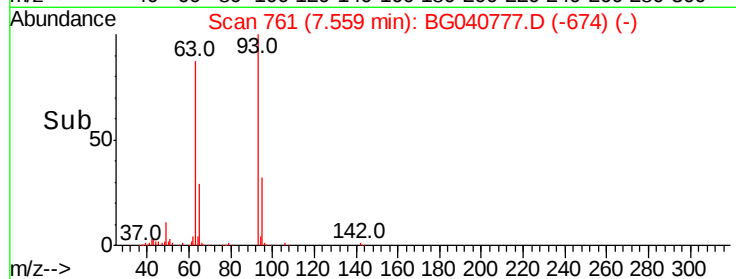
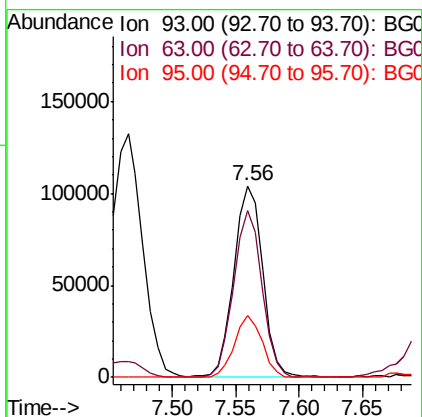
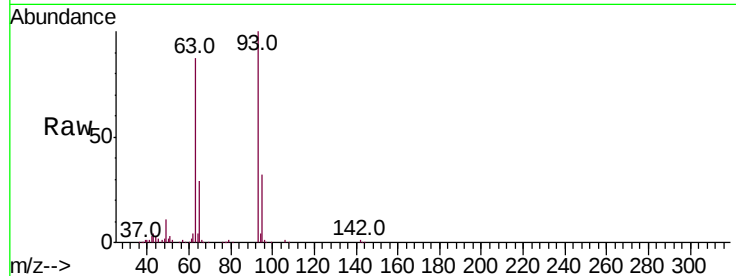


#11
bis(2-Chloroethyl)ether
Concen: 50.841 ng
RT: 7.56 min Scan# 761
Delta R.T. -0.02 min
Lab File: BG040777.D
Acq: 7 May 2019 19:46

Instrument :
BNA_G
ClientSampleId :
MW-4-20190502MSD

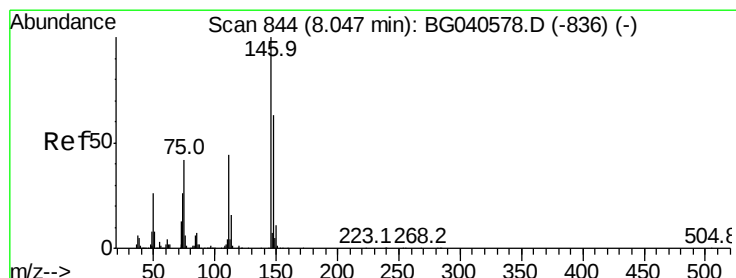
Tot Ion	Ratio	Lower	Upper
93	100		
63	87.0	68.2	108.2
95	32.3	14.3	54.3

Manual Integrations
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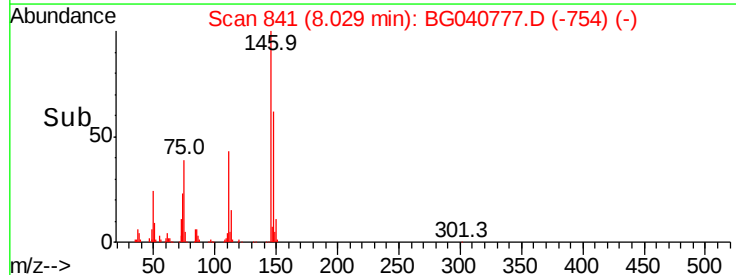
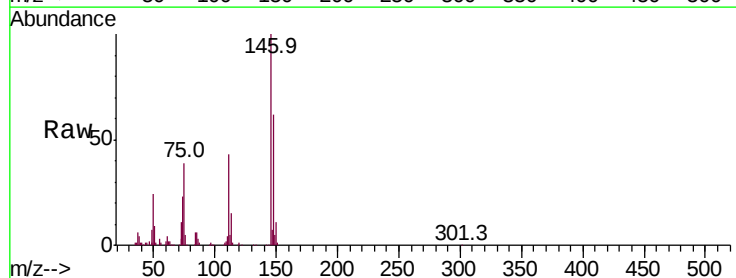
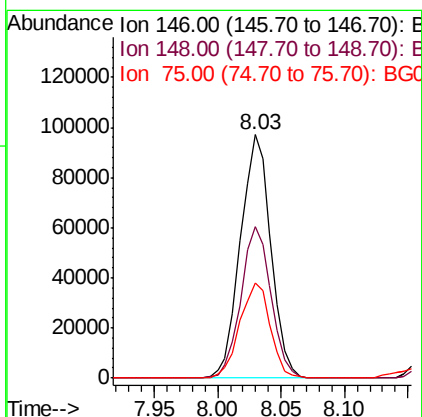
sohil

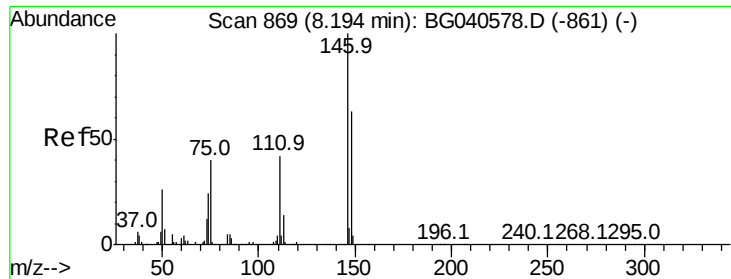
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#12
1,3-Dichlorobenzene
Concen: 46.723 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG040777.D
Acq: 7 May 2019 19:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	50.7	76.1
75	39.3	33.4	50.2



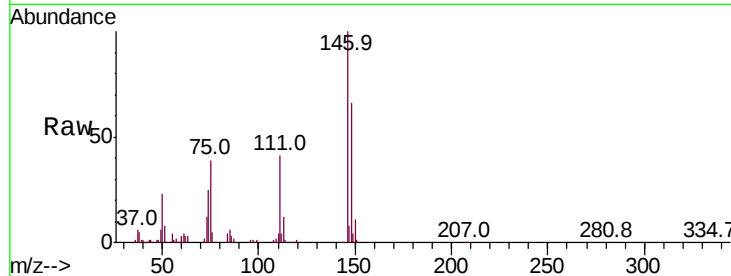


#13
1,4-Dichlorobenzene
Concen: 47.943 ng
RT: 8.18 min Scan# 867
Delta R.T. -0.01 min
Lab File: BG040777.D
Acq: 7 May 2019 19:46

Instrument :
BNA_G
ClientSampleId :
MW-4-20190502MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.1	50.6	75.8
111	40.7	34.3	51.5

Manual Integrations
APPROVED

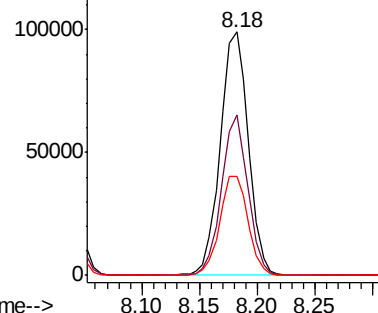


Abundance

Ion 146.00 (145.70 to 146.70): E

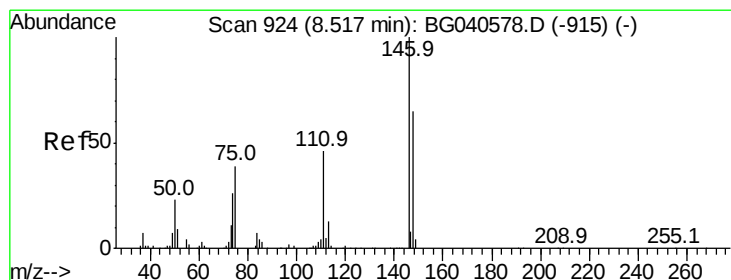
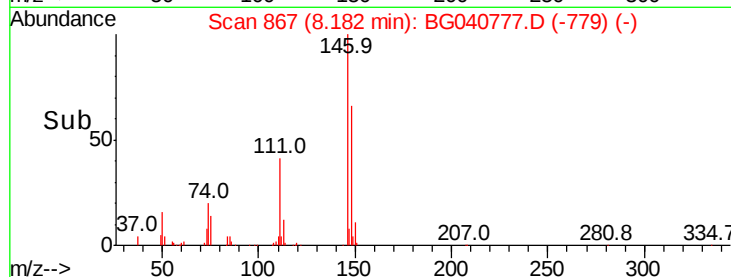
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



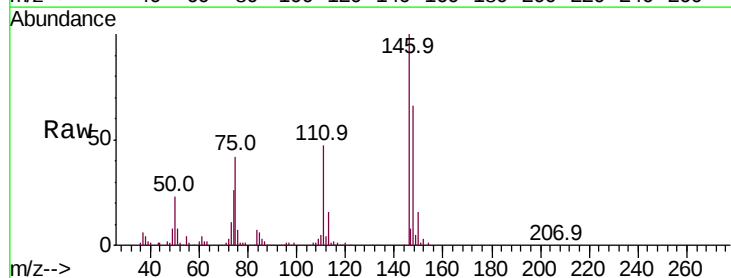
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#14
1,2-Dichlorobenzene
Concen: 46.577 ng
RT: 8.50 min Scan# 921
Delta R.T. -0.02 min
Lab File: BG040777.D
Acq: 7 May 2019 19:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	52.2	78.4
111	47.1	37.4	56.0

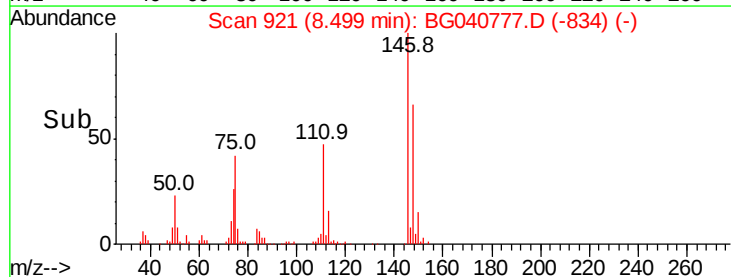
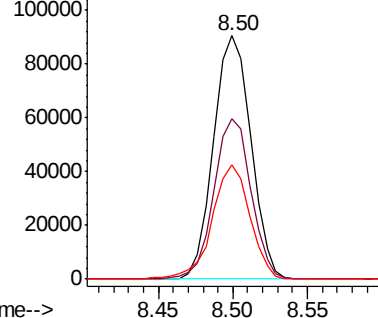


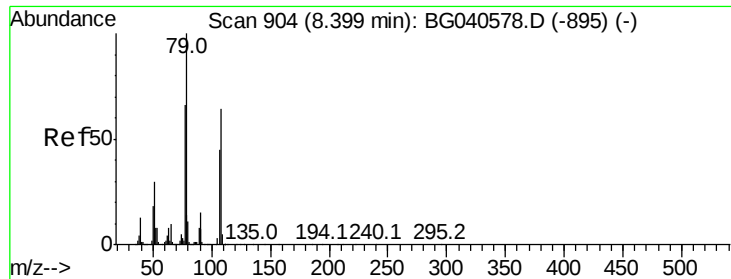
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.180 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Instrument :

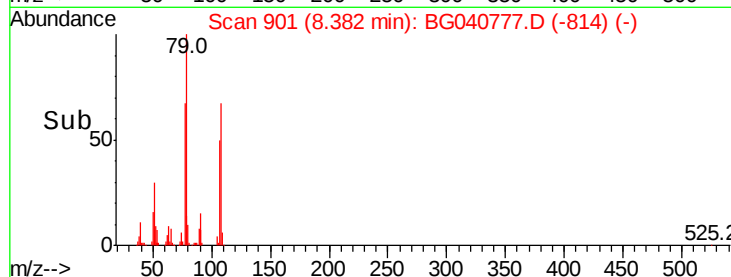
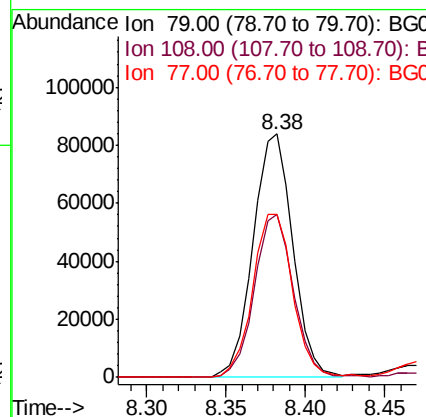
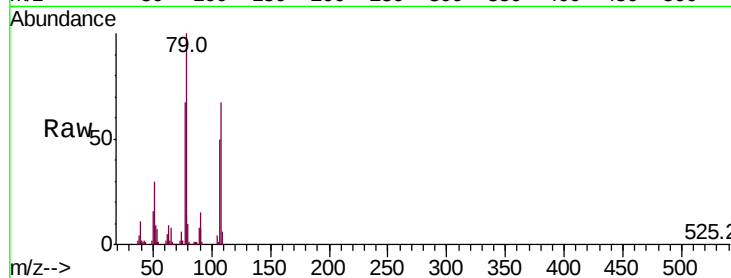
BNA_G

ClientSampleId :

MW-4-20190502MSD

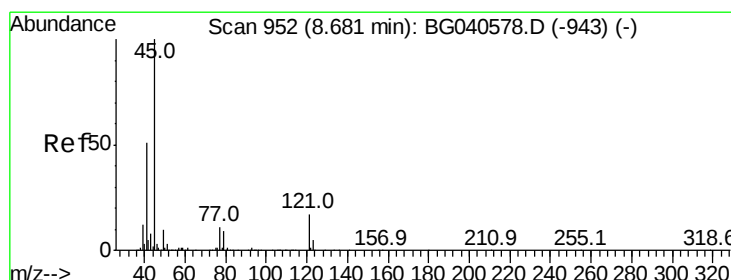
Tot Ion:	79	Resp:	145857
Ion Ratio	Lower	Upper	
79	100		
108	67.1	51.4	77.0
77	66.8	52.6	79.0

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.283 ng

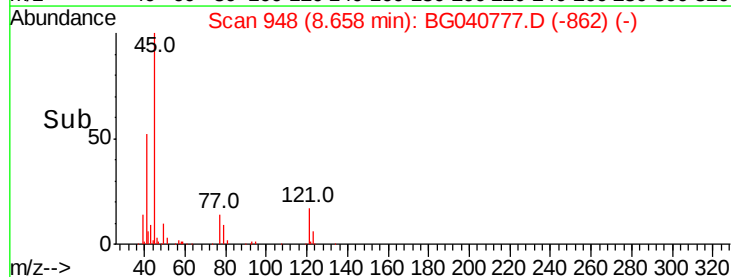
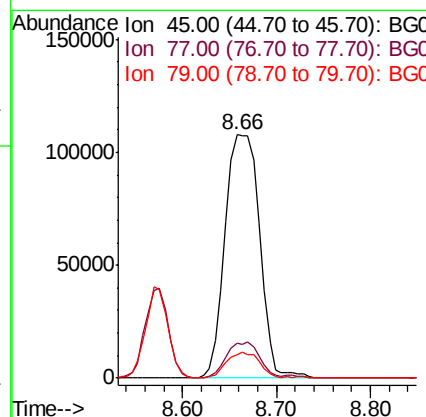
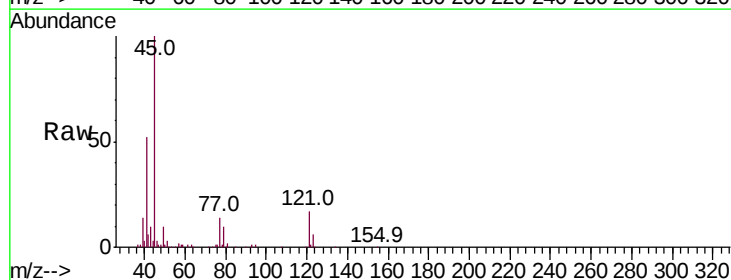
RT: 8.66 min Scan# 948

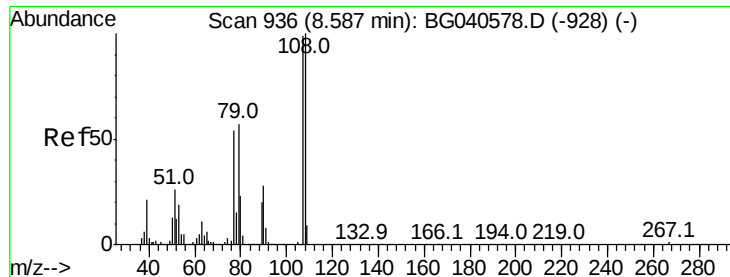
Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Tgt Ion:	45	Resp:	276787
Ion Ratio	Lower	Upper	
45	100		
77	14.4	0.0	31.5
79	9.6	0.0	29.4





#17

2-Methylphenol

Concen: 38.212 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Instrument :

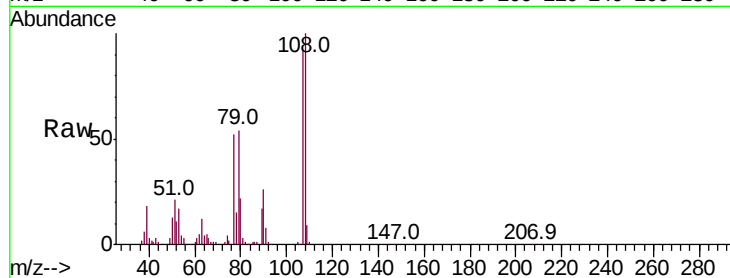
BNA_G

ClientSampleId :

MW-4-20190502MSD

Tot Ion:	107	Resp:	115830
Ion Ratio	Lower	Upper	
107	100		
108	109.0	81.2	121.8
77	56.4	44.4	66.6
79	58.5	47.0	70.4

Manual Integrations
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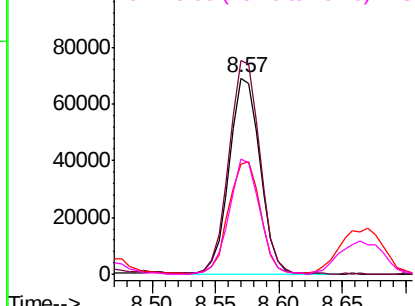
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

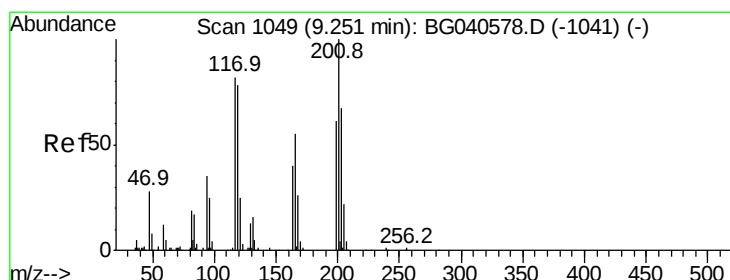
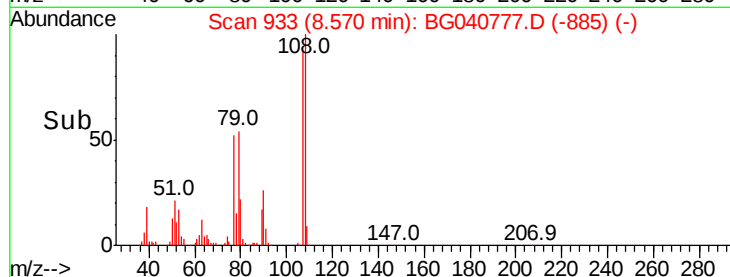
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



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#18

Hexachloroethane

Concen: 42.002 ng

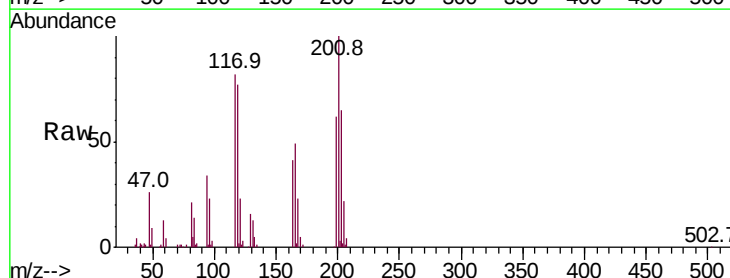
RT: 9.23 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Tgt Ion:	117	Resp:	60242
Ion Ratio	Lower	Upper	
117	100		
119	93.1	76.6	114.8
201	121.4	101.0	151.6

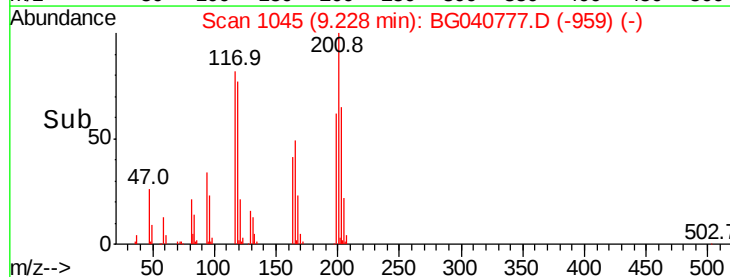
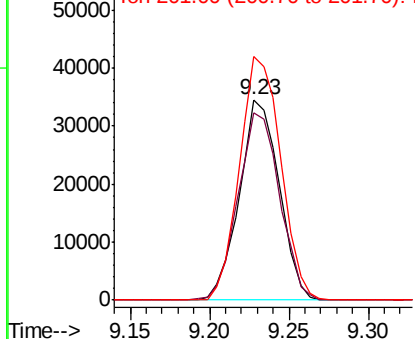


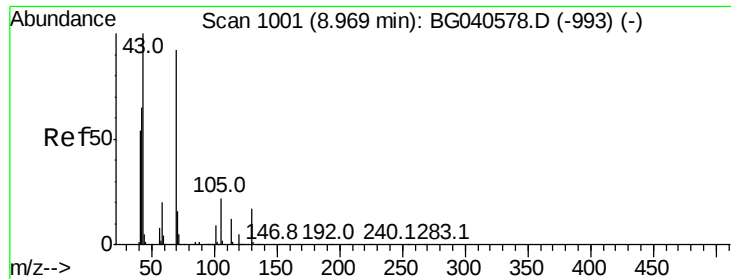
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



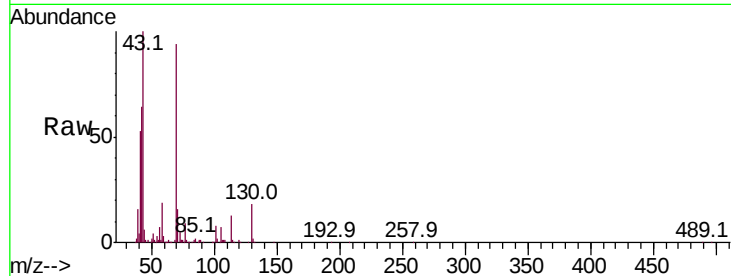


#19
n-Nitroso-di-n-propylamine
Concen: 45.383 ng
RT: 8.95 min Scan# 997
Delta R.T. -0.02 min
Lab File: BG040777.D
Acq: 7 May 2019 19:46

Instrument :
BNA_G
ClientSampleId :
MW-4-20190502MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	67.5	57.1	85.7
101	9.0	7.8	11.8
130	19.4	14.6	21.8

Manual Integrations
APPROVED



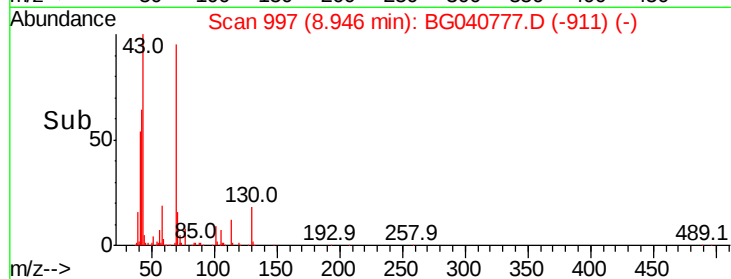
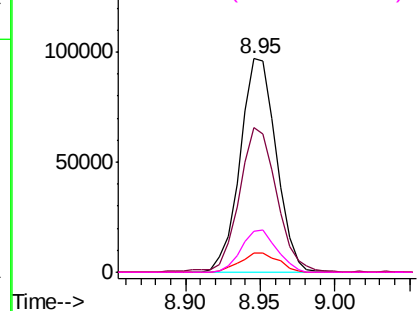
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

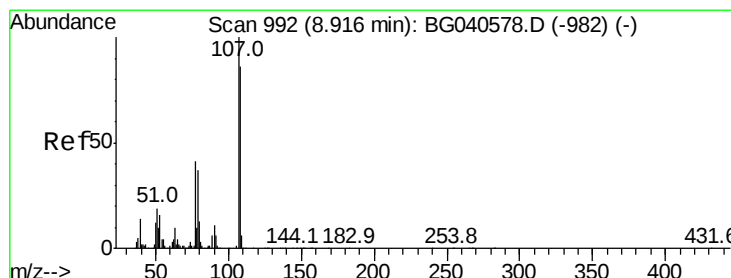
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



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#20
3+4-Methylphenols
Concen: 34.415 ng
RT: 8.90 min Scan# 989
Delta R.T. -0.02 min
Lab File: BG040777.D
Acq: 7 May 2019 19:46

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.3	66.1	106.1
77	44.2	21.6	61.6
79	33.5	17.4	57.4

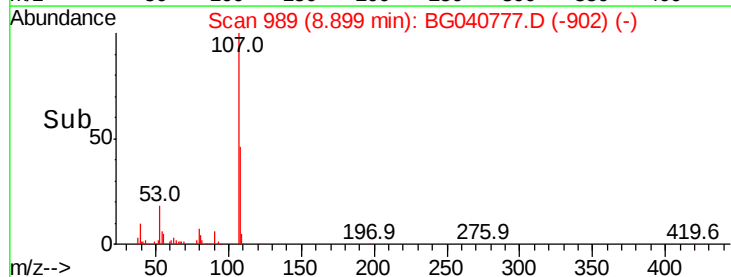
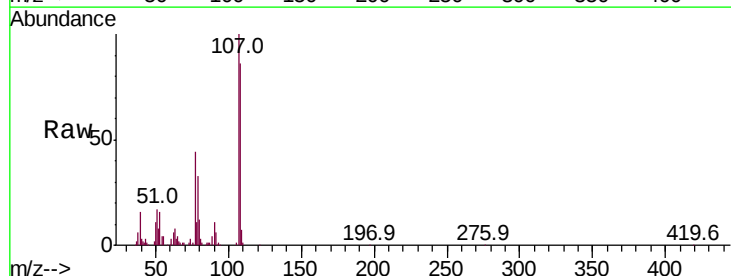
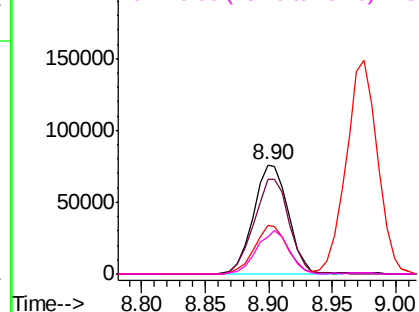
Abundance

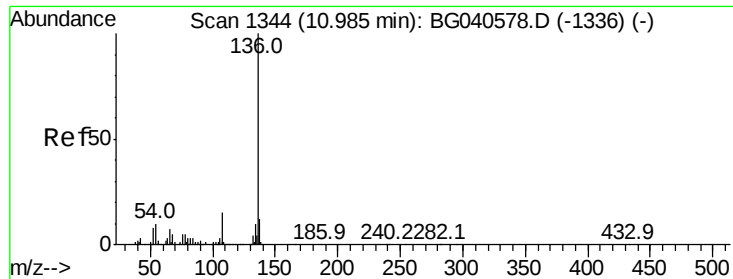
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



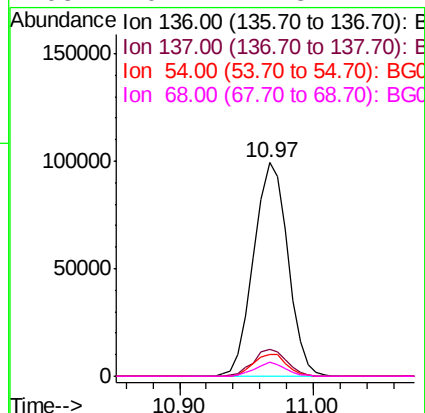
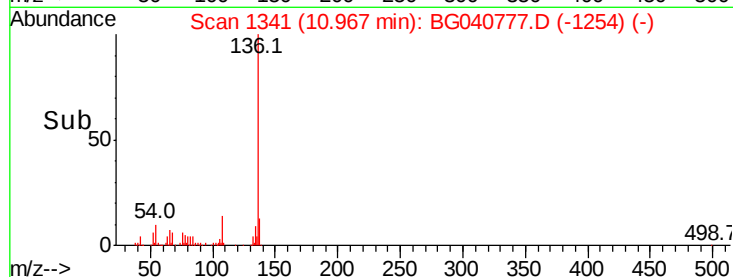
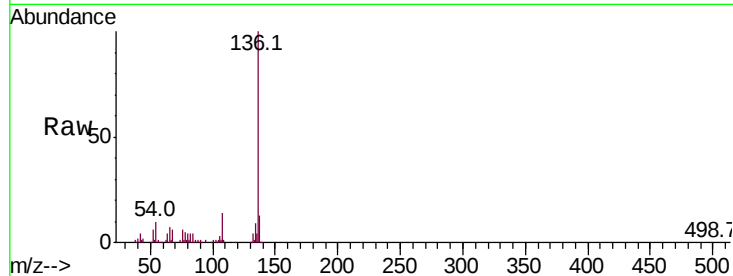


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040777.D
Acq: 7 May 2019 19:46

Instrument :
BNA_G
ClientSampleId :
MW-4-20190502MSD

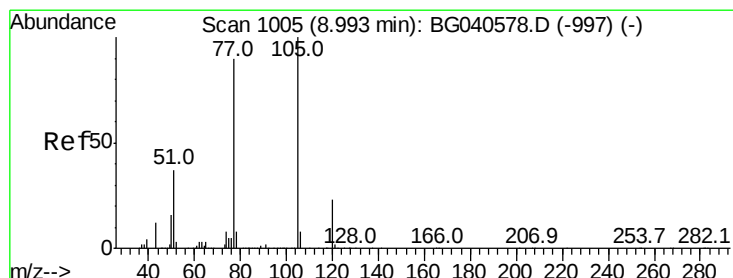
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	12.7	9.7	14.5	
54	9.9	8.6	12.8	
68	6.4	4.8	7.2	

Manual Integrations
APPROVED



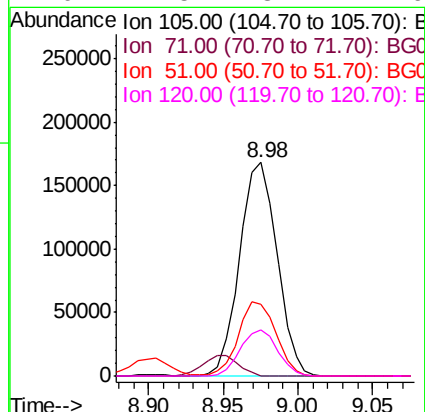
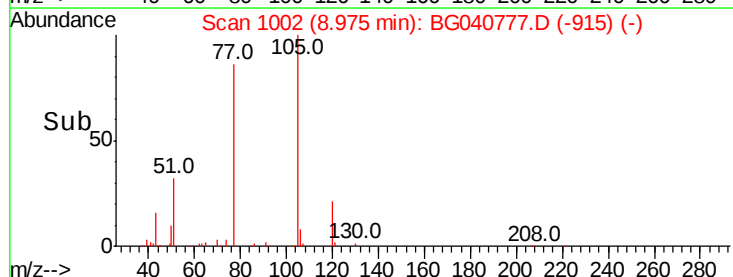
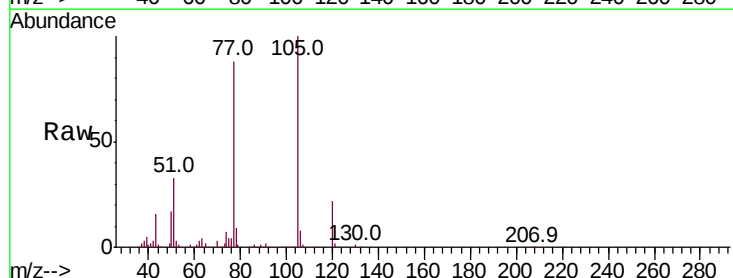
sohil

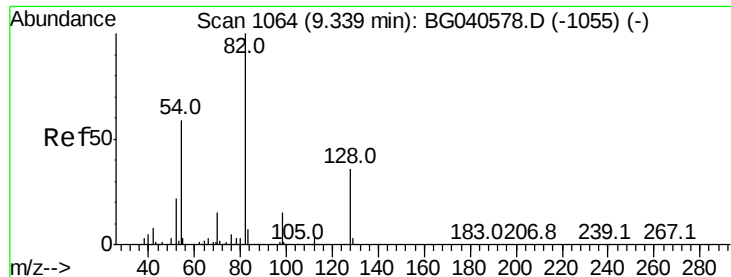
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#22
Acetophenone
Concen: 60.100 ng
RT: 8.98 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG040777.D
Acq: 7 May 2019 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.3	1.8	2.8#	
51	33.4	29.8	44.8	
120	21.5	18.4	27.6	



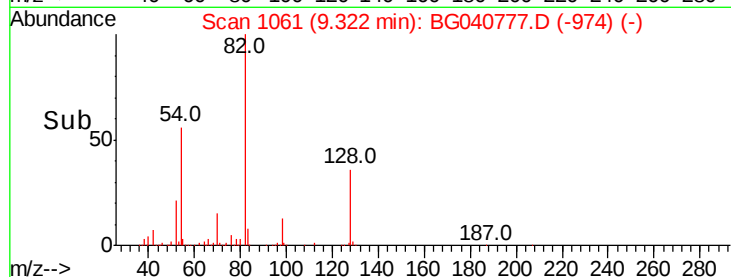
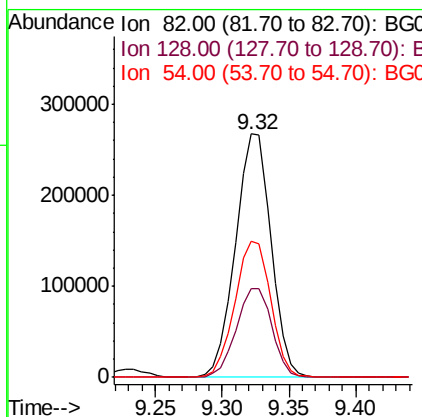
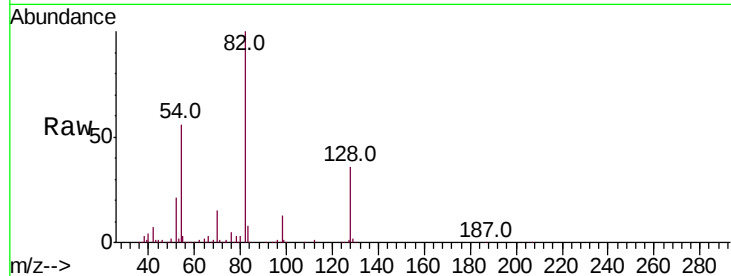


#23
Nitrobenzene-d5
Concen: 129.332 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040777.D
Acq: 7 May 2019 19:46

Instrument :
BNA_G
ClientSampleId :
MW-4-20190502MSD

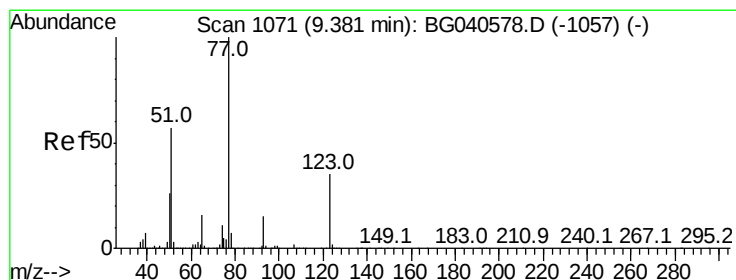
Tot Ion	Ratio	Lower	Upper
82	100		
128	36.3	28.9	43.3
54	56.1	47.2	70.8

Manual Integrations
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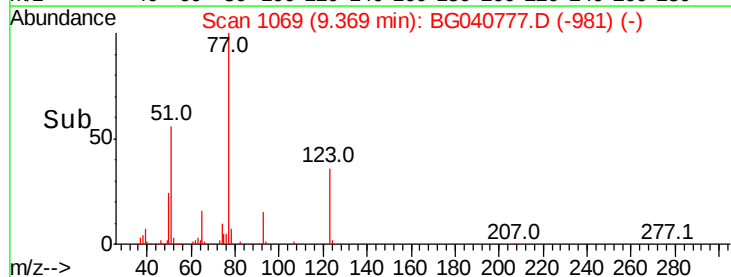
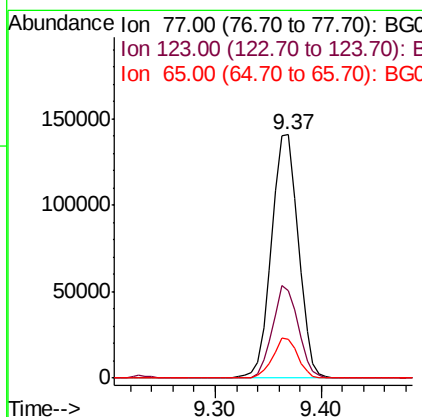
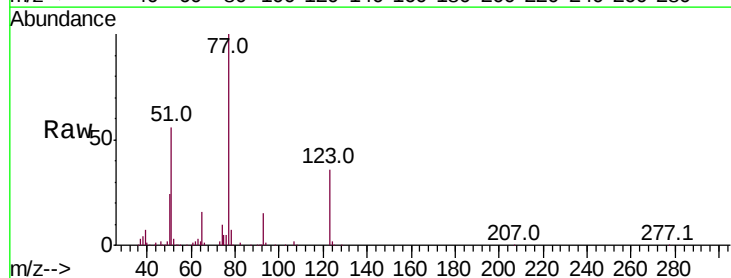
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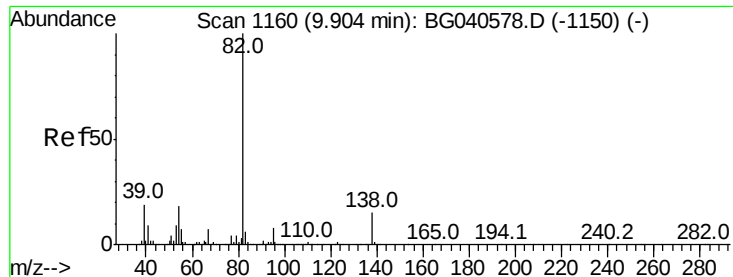
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#24
Nitrobenzene
Concen: 60.879 ng
RT: 9.37 min Scan# 1069
Delta R.T. -0.01 min
Lab File: BG040777.D
Acq: 7 May 2019 19:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	35.9	27.8	41.6
65	15.9	12.4	18.6





#25

Isophorone

Concen: 55.122 ng

RT: 9.88 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Instrument :

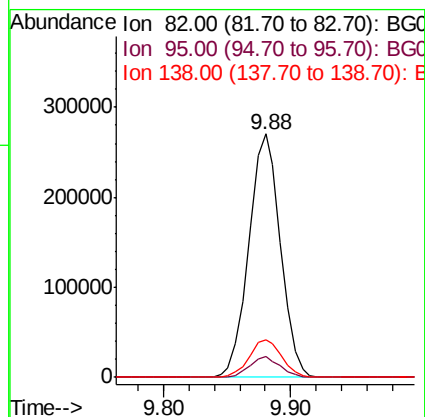
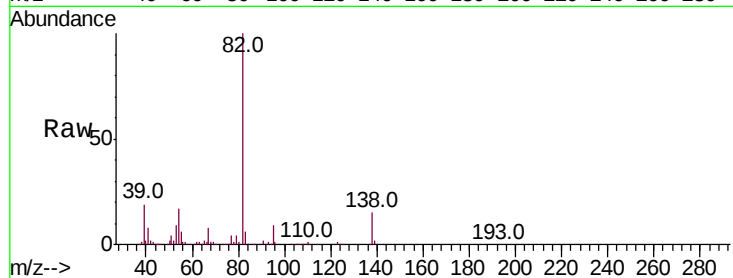
BNA_G

ClientSampleId :

MW-4-20190502MSD

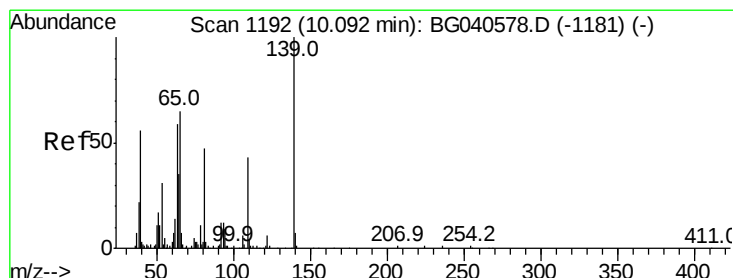
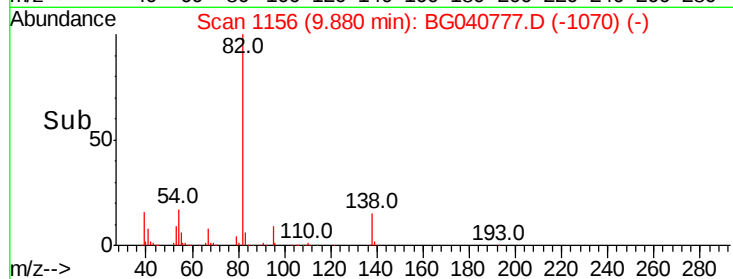
Tot Ion:	82	Resp:	468250
Ion Ratio	Lower	Upper	
82	100		
95	8.6	6.9	10.3
138	15.4	12.3	18.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 51.367 ng

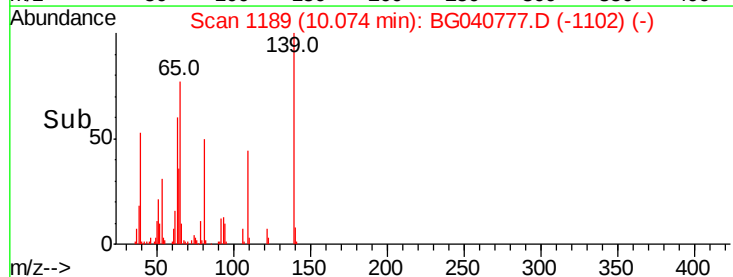
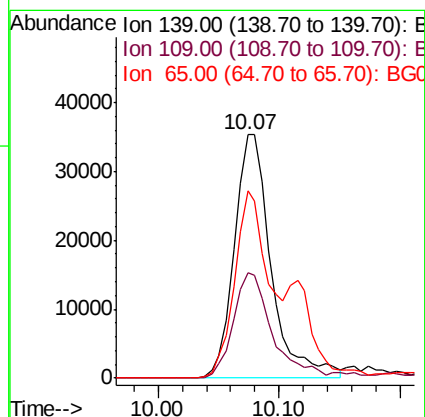
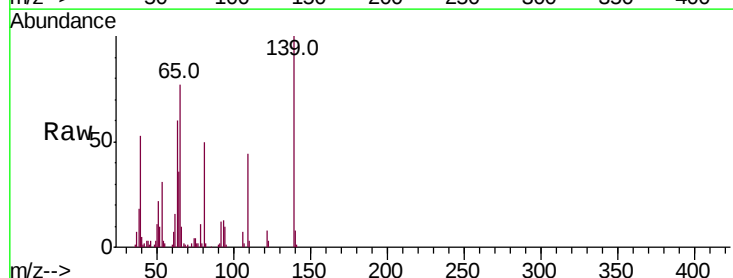
RT: 10.07 min Scan# 1189

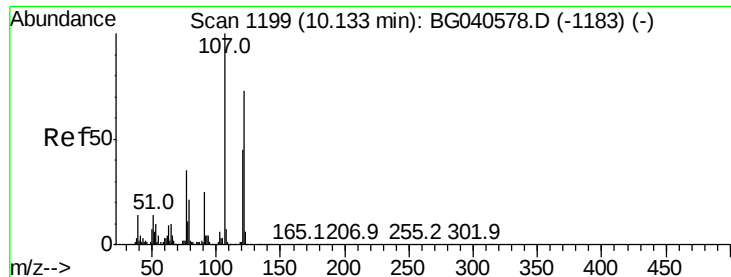
Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Tgt Ion:	139	Resp:	74921
Ion Ratio	Lower	Upper	
139	100		
109	43.5	35.6	53.4
65	77.2	52.3	78.5



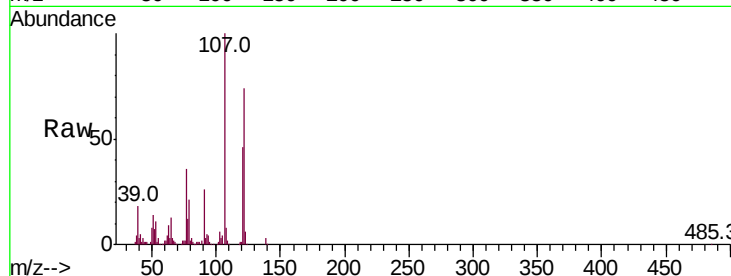


#27
2,4-Dimethylphenol
Concen: 50.760 ng
RT: 10.12 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BG040777.D
Acq: 7 May 2019 19:46

Instrument :
BNA_G
ClientSampleId :
MW-4-20190502MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	135.2	110.1	165.1
121	62.4	49.4	74.0

Manual Integrations
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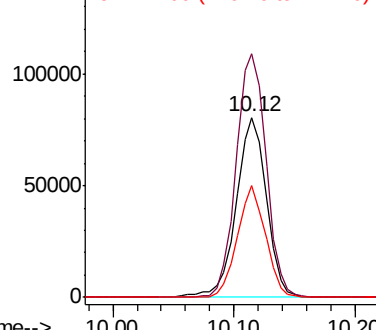


Abundance

Ion 122.00 (121.70 to 122.70): E

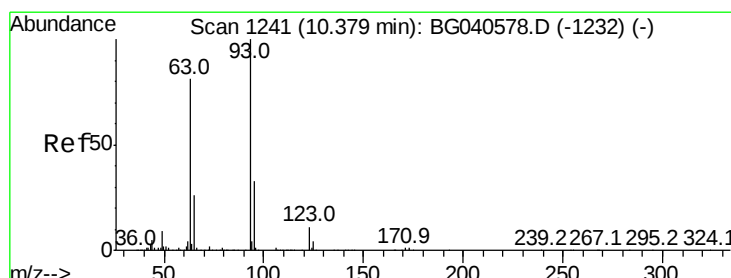
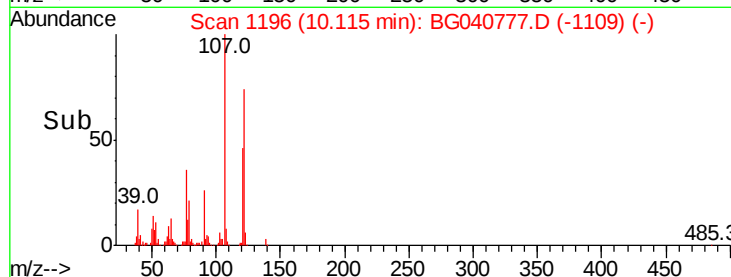
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



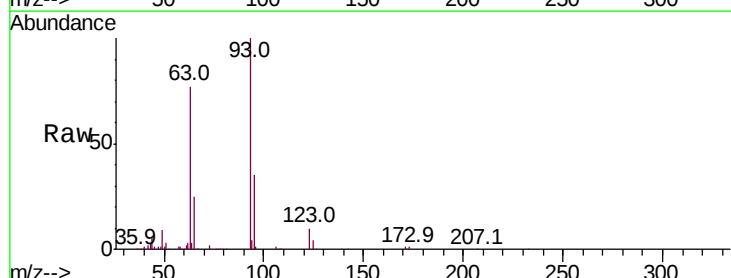
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#28
bis(2-Chloroethoxy)methane
Concen: 55.965 ng
RT: 10.36 min Scan# 1238
Delta R.T. -0.02 min
Lab File: BG040777.D
Acq: 7 May 2019 19:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.9	26.6	40.0
123	10.1	9.0	13.4

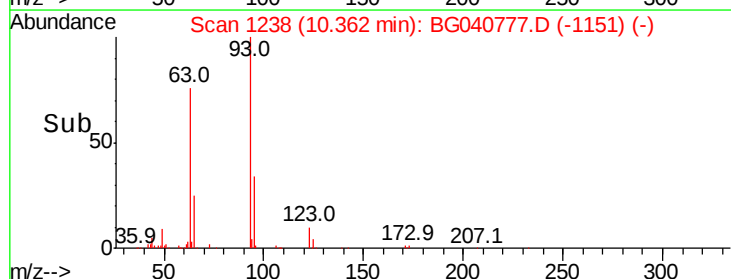
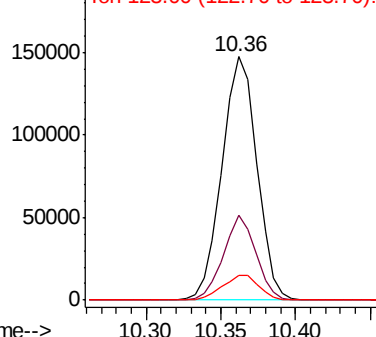


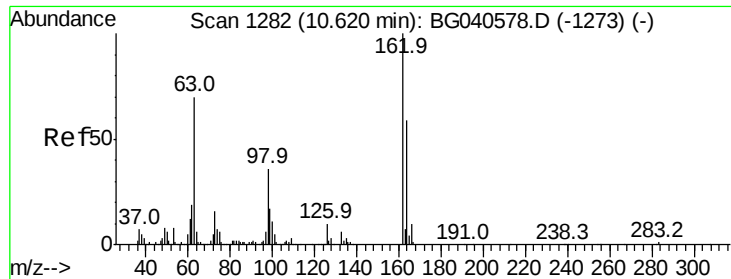
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E



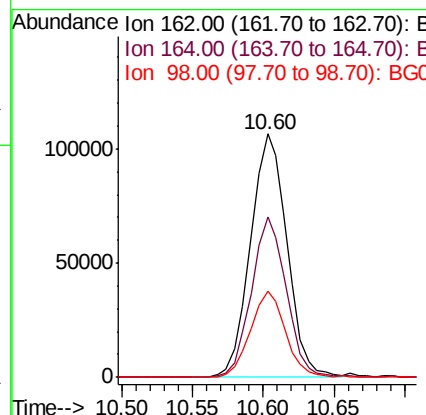
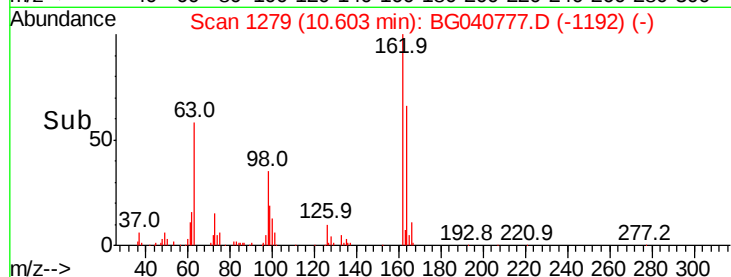
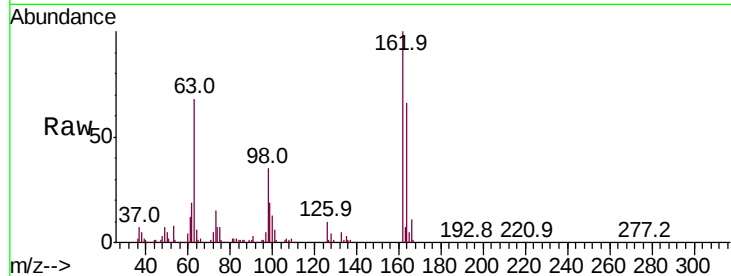


#29
2,4-Dichlorophenol
Concen: 61.919 ng
RT: 10.60 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BG040777.D
Acq: 7 May 2019 19:46

Instrument :
BNA_G
ClientSampleId :
MW-4-20190502MSD

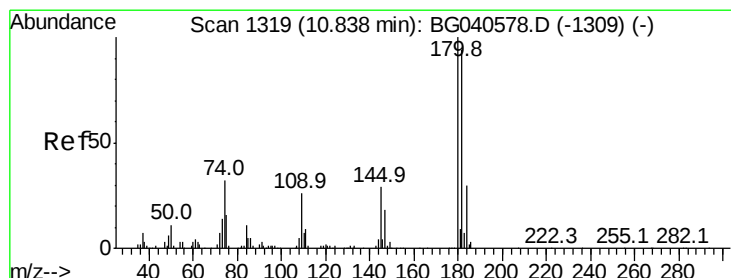
Tot Ion	Ratio	Resp	Lower	Upper
162	100	192641		
164	66.1	38.9	78.9	
98	35.2	16.8	56.8	

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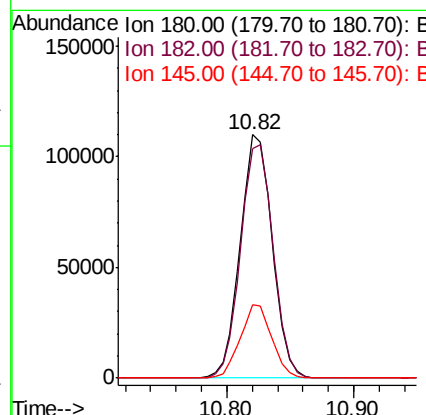
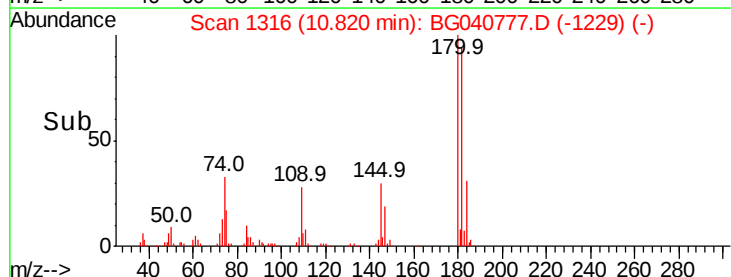
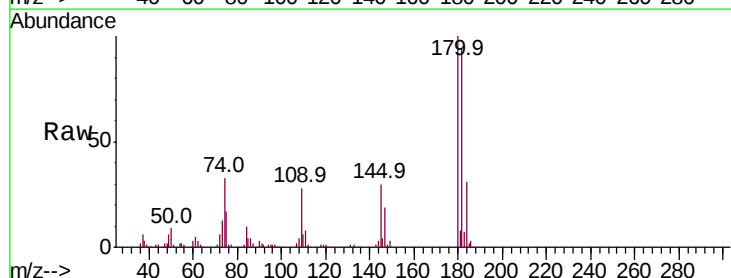
sohil

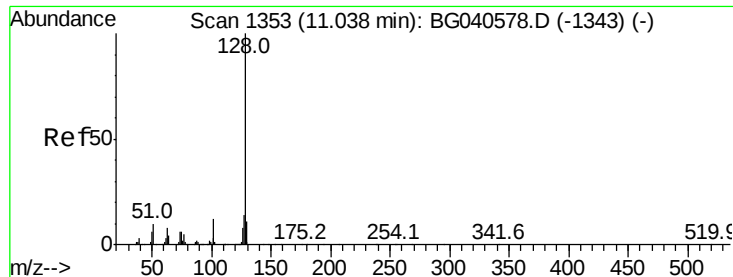
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#30
1,2,4-Trichlorobenzene
Concen: 55.716 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BG040777.D
Acq: 7 May 2019 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	192224		
182	94.5	75.2	112.8	
145	30.3	23.6	35.4	



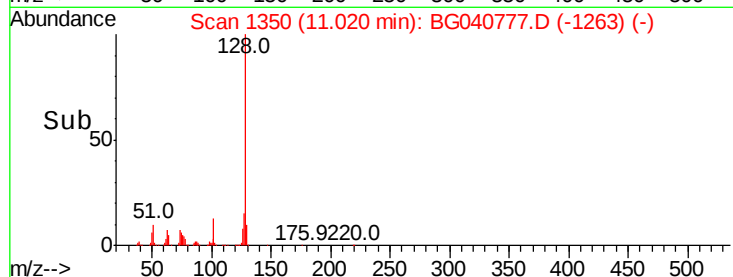
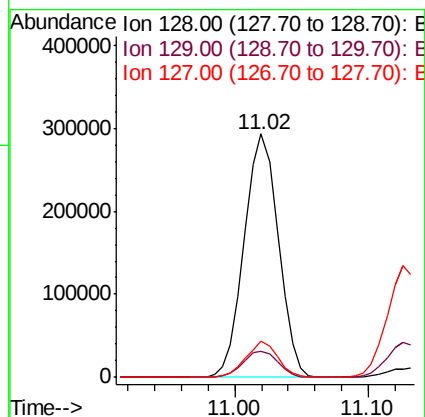
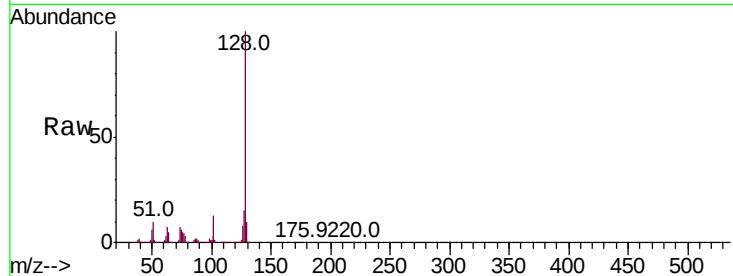


#31
Naphthalene
Concen: 55.482 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG040777.D
Acq: 7 May 2019 19:46

Instrument :
BNA_G
ClientSampleId :
MW-4-20190502MSD

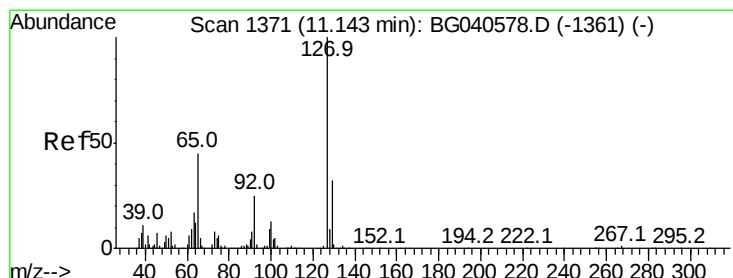
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.4	9.0	13.6
127	14.7	11.3	16.9

Manual Integrations
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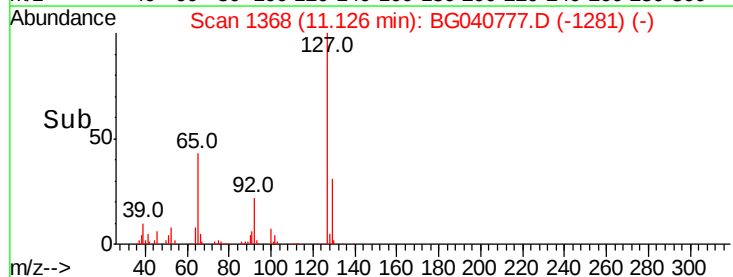
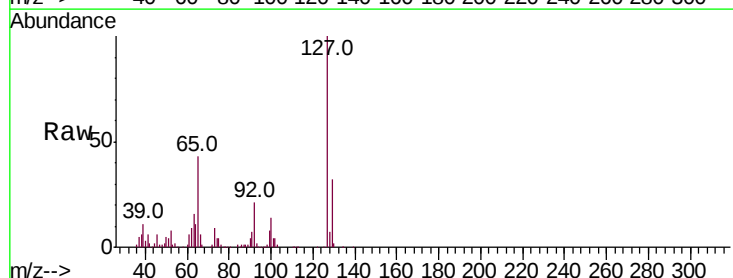
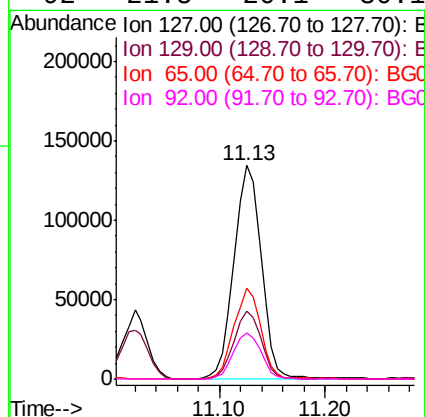
sohil

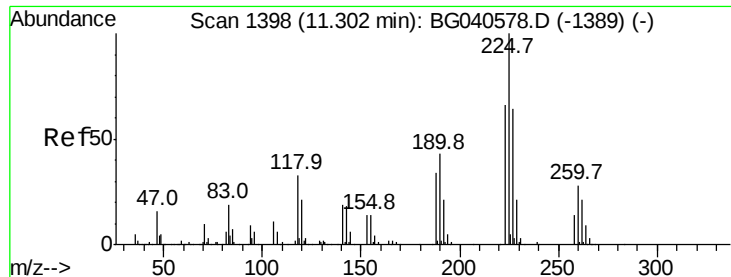
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#33
4-Chloroaniline
Concen: 58.188 ng
RT: 11.13 min Scan# 1368
Delta R.T. -0.02 min
Lab File: BG040777.D
Acq: 7 May 2019 19:46

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.7	38.5
65	42.8	36.1	54.1
92	21.5	20.1	30.1





#34

Hexachlorobutadiene

Concen: 53.057 ng

RT: 11.28 min Scan# 1395

Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Instrument :

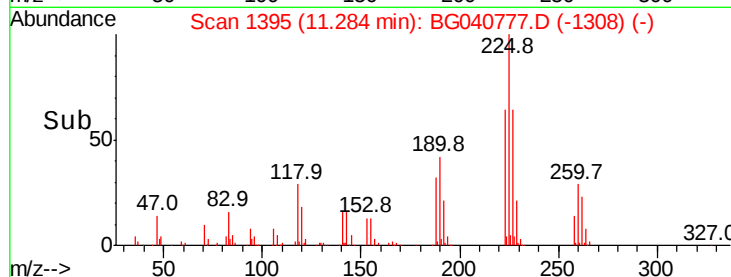
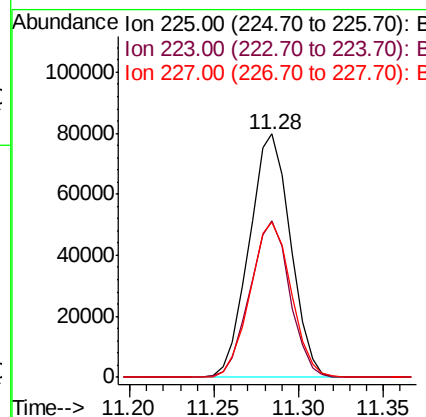
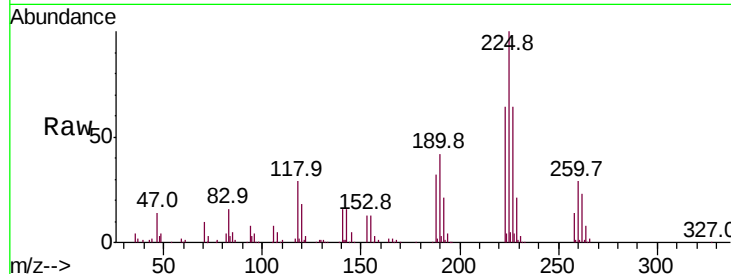
BNA_G

ClientSampleId :

MW-4-20190502MSD

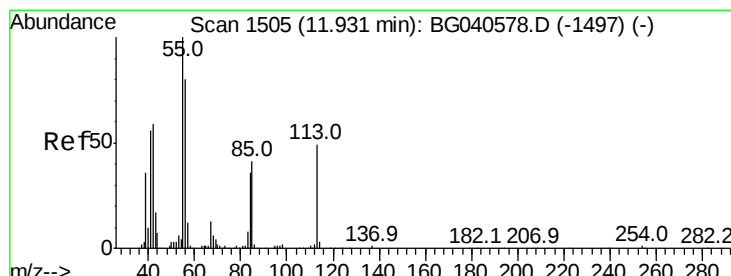
Tot Ion:	225	Resp:	135142
Ion Ratio	Lower	Upper	
225	100		
223	64.3	50.4	75.6
227	64.0	51.0	76.6

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#35

Caprolactam

Concen: 11.882 ng

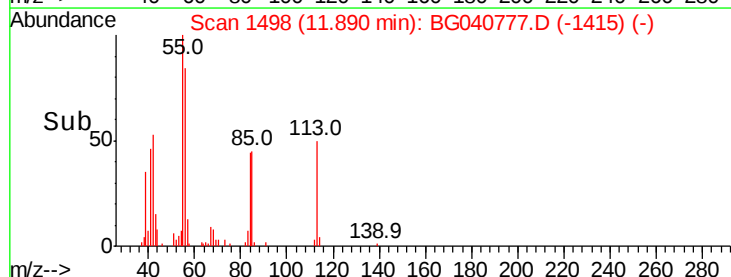
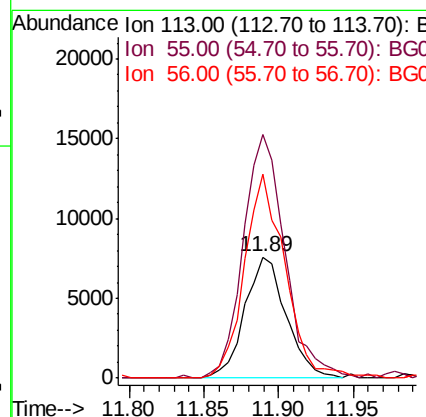
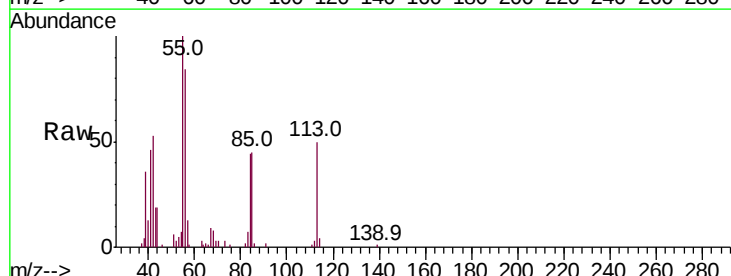
RT: 11.89 min Scan# 1498

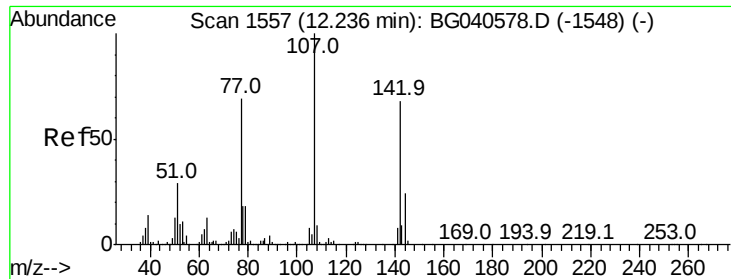
Delta R.T. -0.04 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Tgt Ion:	113	Resp:	14595
Ion Ratio	Lower	Upper	
113	100		
55	200.7	198.6	238.6
56	167.8	148.4	188.4



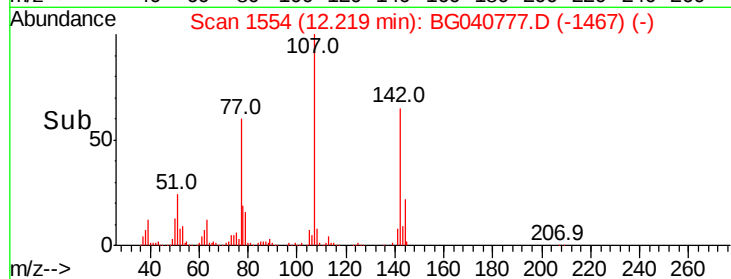
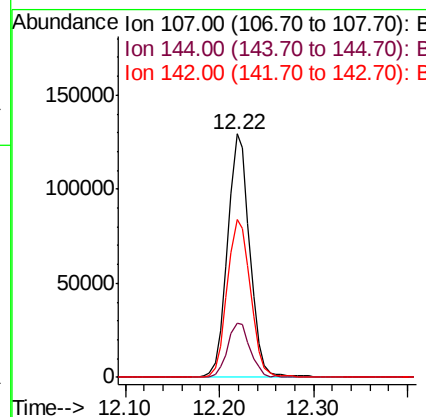
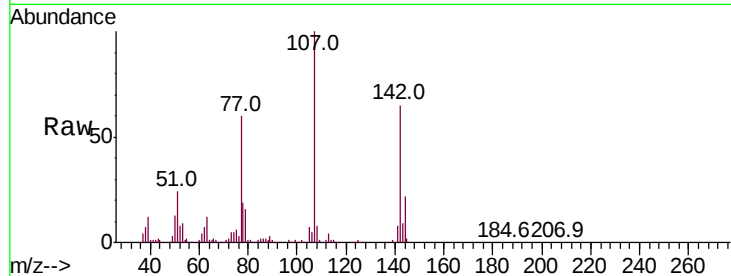


#36
 4-Chloro-3-methylphenol
 Concen: 54.192 ng
 RT: 12.22 min Scan# 1554
 Delta R.T. -0.02 min
 Lab File: BG040777.D
 Acq: 7 May 2019 19:46

Instrument :
 BNA_G
 ClientSampleId :
 MW-4-20190502MSD

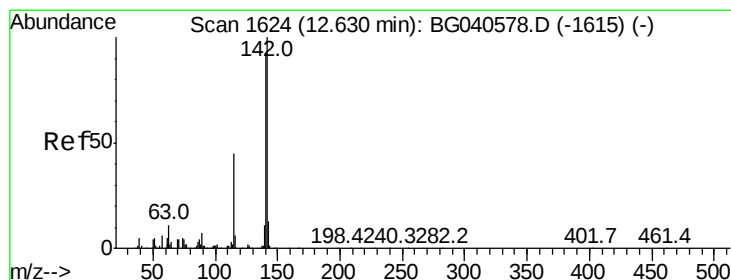
Tot Ion:	107	Resp:	212690
Ion Ratio	Lower	Upper	
107	100		
144	22.2	19.3	28.9
142	65.0	54.6	81.8

Manual Integrations
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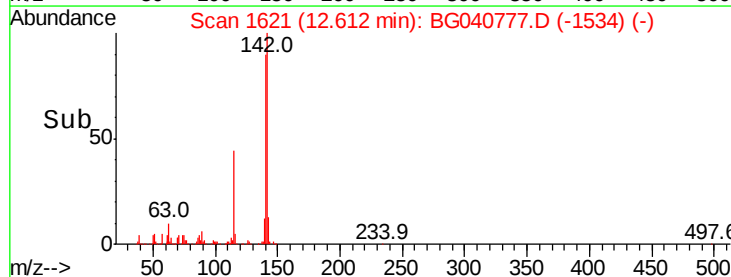
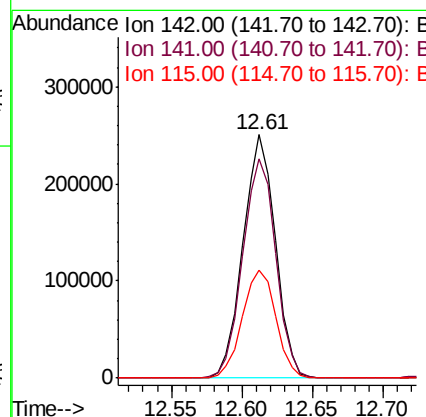
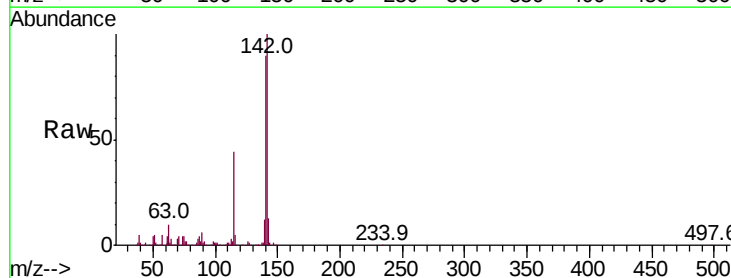
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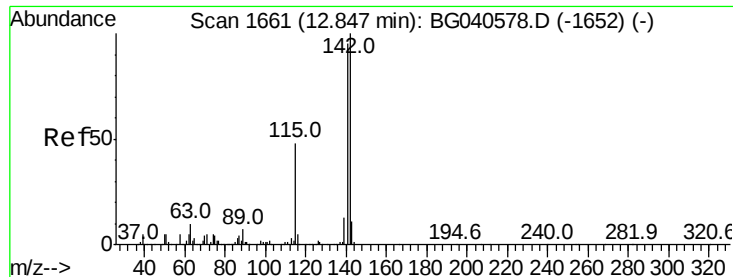
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#37
 2-Methylnaphthalene
 Concen: 57.483 ng
 RT: 12.61 min Scan# 1621
 Delta R.T. -0.02 min
 Lab File: BG040777.D
 Acq: 7 May 2019 19:46

Tgt Ion:	142	Resp:	402349
Ion Ratio	Lower	Upper	
142	100		
141	90.2	73.4	110.2
115	44.3	36.2	54.4



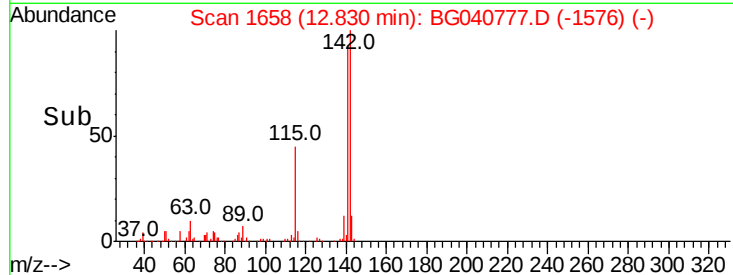
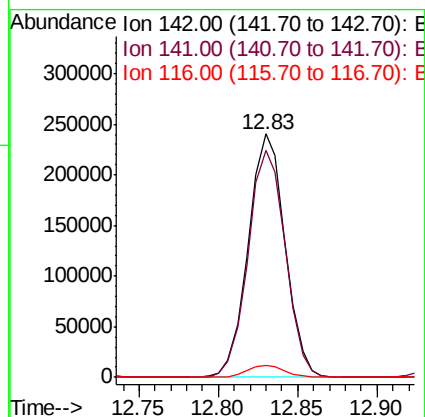
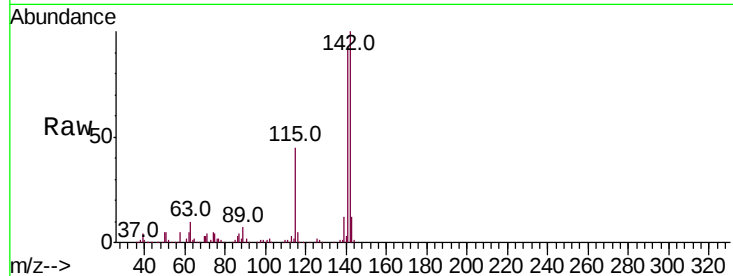


#38
1-Methylnaphthalene
Concen: 56.685 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BG040777.D
Acq: 7 May 2019 19:46

Instrument :
BNA_G
ClientSampleId :
MW-4-20190502MSD

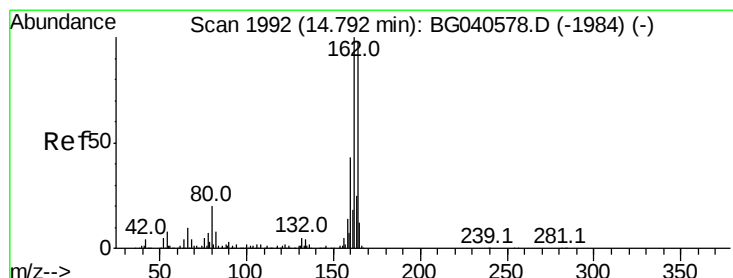
Tot Ion:	142	Resp:	387819
Ion Ratio	Lower	Upper	
142	100		
141	93.1	75.9	113.9
116	4.9	4.2	6.4

Manual Integrations
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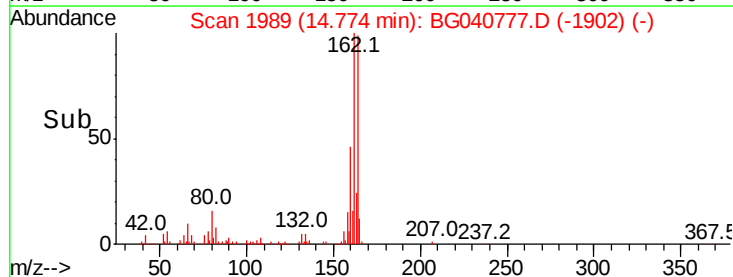
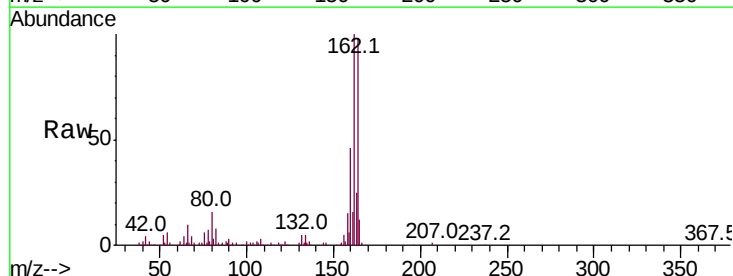
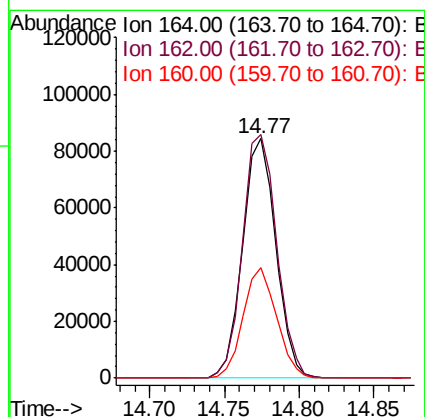
sohil

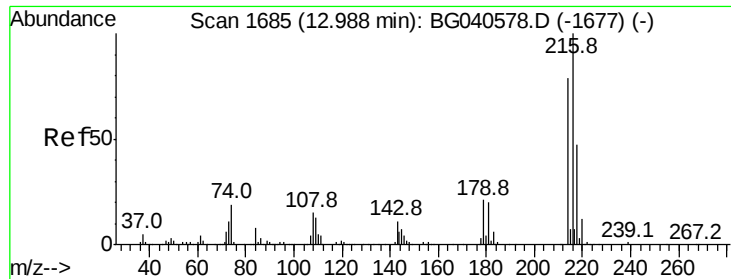
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BG040777.D
Acq: 7 May 2019 19:46

Tgt Ion:	164	Resp:	130255
Ion Ratio	Lower	Upper	
164	100		
162	101.6	81.9	122.9
160	46.3	35.4	53.2



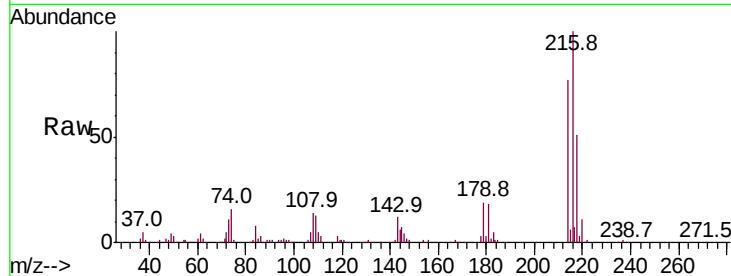


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 58.641 ng
 RT: 12.97 min Scan# 1682
 Delta R.T. -0.02 min
 Lab File: BG040777.D
 Acq: 7 May 2019 19:46

Instrument :
 BNA_G
 ClientSampleId :
 MW-4-20190502MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	284544		
214	79.6	63.7	95.5	
179	19.2	16.6	24.8	
108	16.9	14.7	22.1	

Manual Integrations
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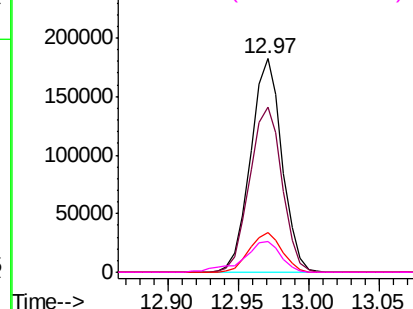
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

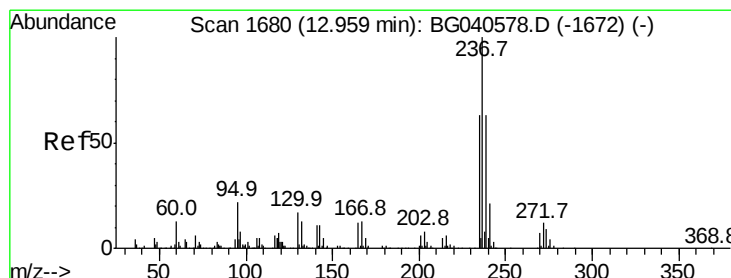
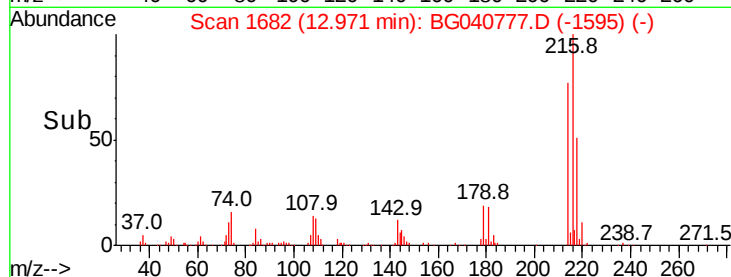
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



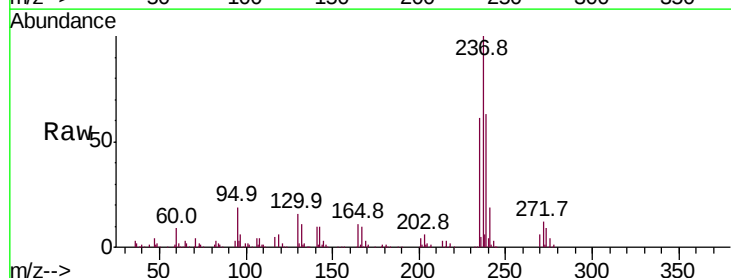
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#41
 Hexachlorocyclopentadiene
 Concen: 71.927 ng
 RT: 12.94 min Scan# 1677
 Delta R.T. -0.02 min
 Lab File: BG040777.D
 Acq: 7 May 2019 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	205947		
235	61.5	42.5	82.5	
272	12.3	0.0	31.6	

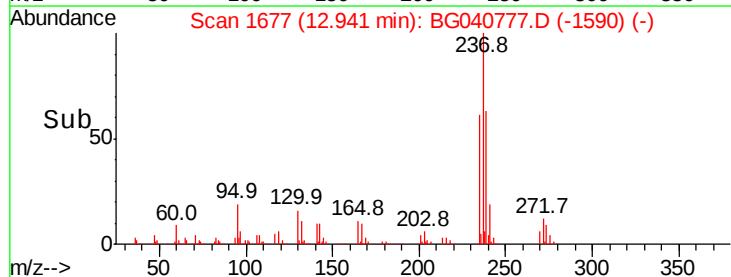
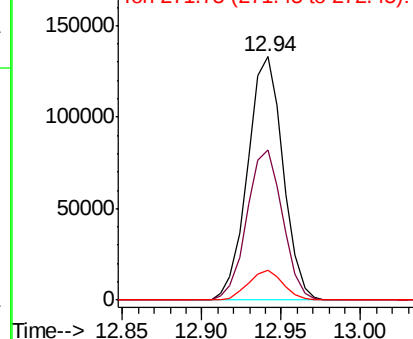


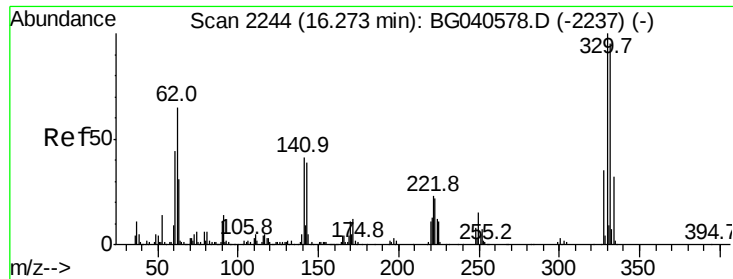
Abundance

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



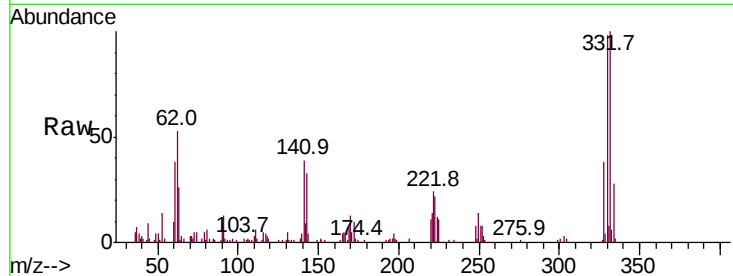


#42
 2,4,6-Tribromophenol
 Concen: 23.148 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.01 min
 Lab File: BG040777.D
 Acq: 7 May 2019 19:46

Instrument :
 BNA_G
 ClientSampleId :
 MW-4-20190502MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	88.9	75.9	113.9
141	34.2	32.4	48.6

Manual Integrations
 APPROVED

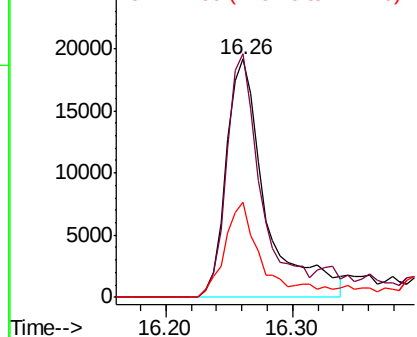


Abundance

Ion 329.80 (329.50 to 330.50): E

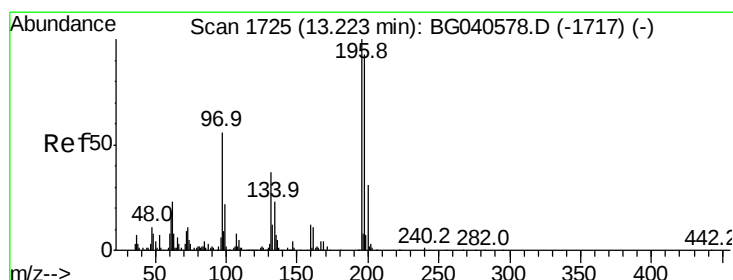
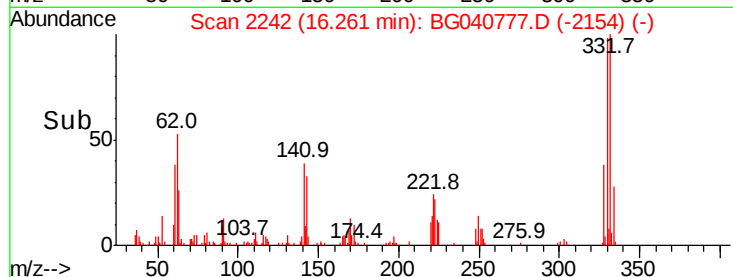
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



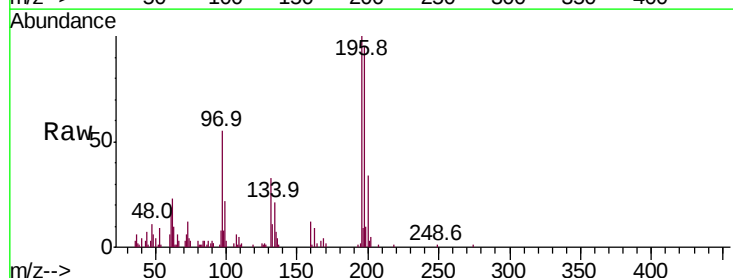
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#43
 2,4,6-Trichlorophenol
 Concen: 13.741 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG040777.D
 Acq: 7 May 2019 19:46

Tgt Ion	Ratio	Lower	Upper
196	100		
198	105.2	74.8	112.2
200	34.3	24.9	37.3

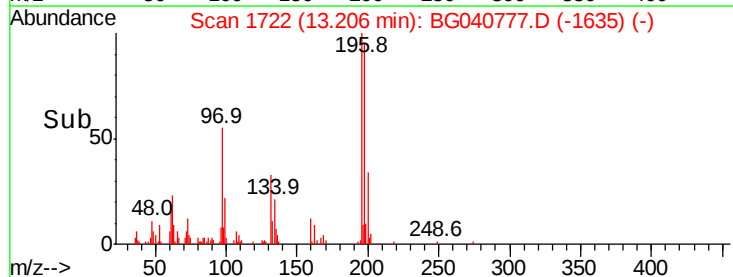
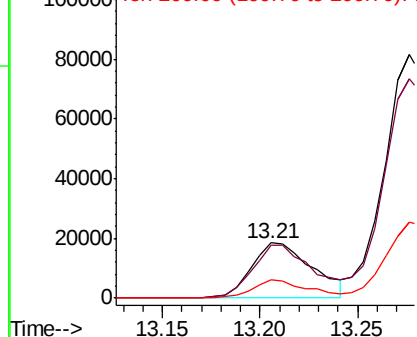


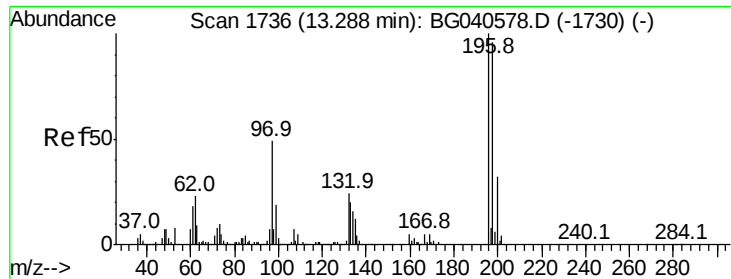
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





#44

2,4,5-Trichlorophenol

Concen: 50.442 ng

RT: 13.28 min Scan# 1734

Delta R.T. -0.01 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Instrument :

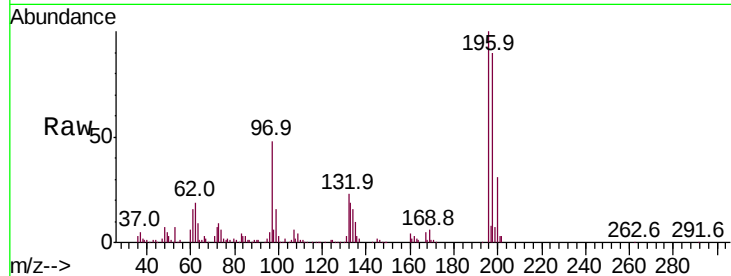
BNA_G

ClientSampleId :

MW-4-20190502MSD

Tot Ion:	196	Resp:	161128
Ion Ratio	Lower	Upper	
196	100		
198	90.1	77.0	115.6
97	47.9	40.0	60.0
132	23.2	19.2	28.8

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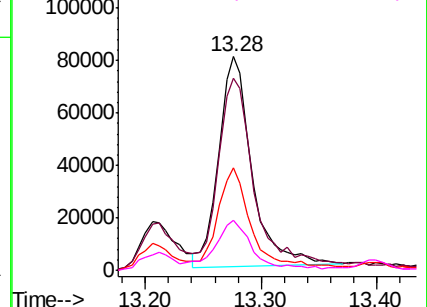
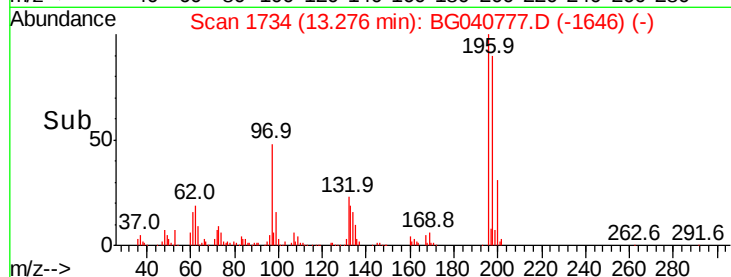
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

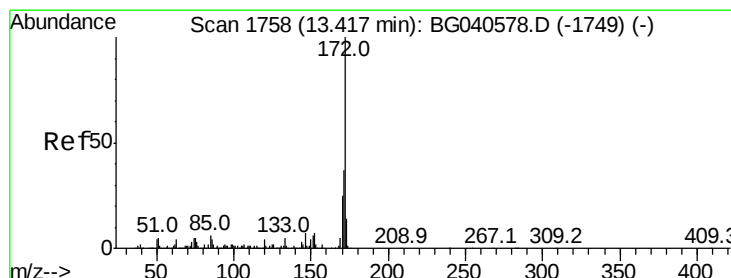
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



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#45

2-Fluorobiphenyl

Concen: 115.229 ng

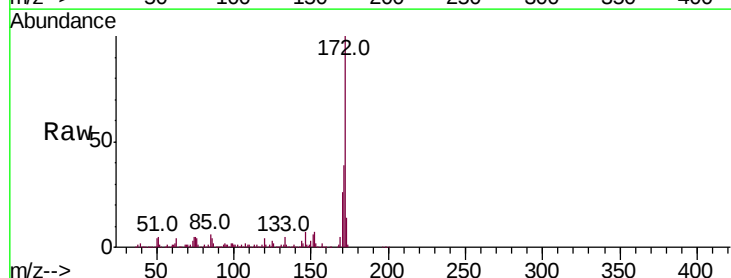
RT: 13.40 min Scan# 1755

Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Tgt Ion:	172	Resp:	1039274
Ion Ratio	Lower	Upper	
172	100		
171	39.2	29.4	44.2
170	25.9	19.9	29.9

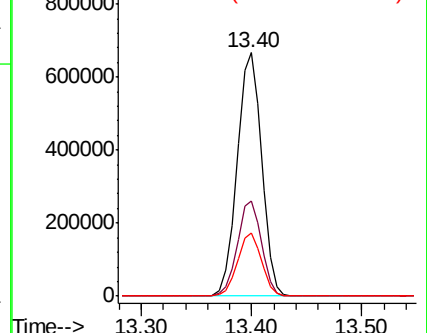
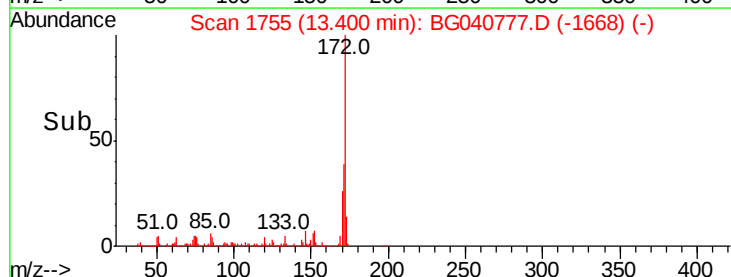


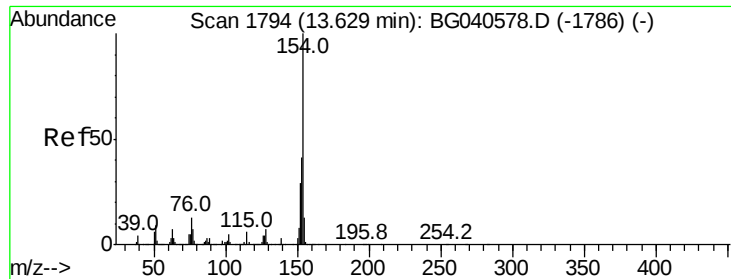
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#46

1,1'-Biphenyl

Concen: 55.258 ng

RT: 13.61 min Scan# 1791

Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Instrument :

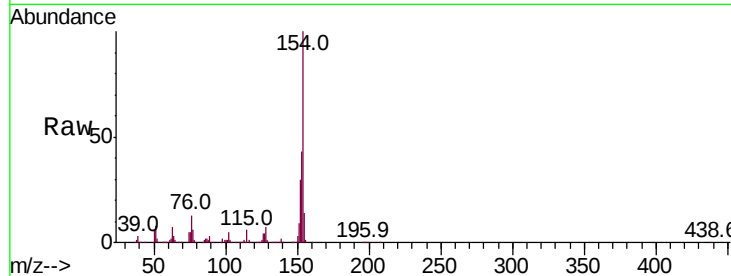
BNA_G

ClientSampleId :

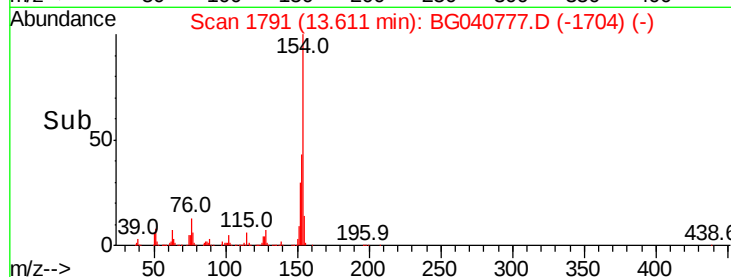
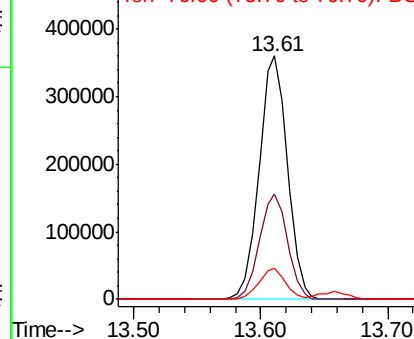
MW-4-20190502MSD

Tot Ion:	154	Resp:	558829
Ion Ratio	Lower	Upper	
154	100		
153	43.3	20.5	60.5
76	12.6	0.0	32.5

Manual Integrations
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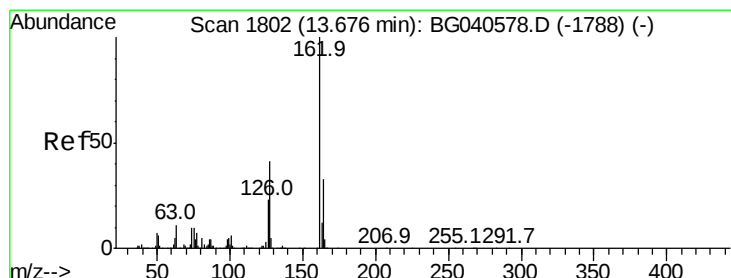


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC



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#47

2-Chloronaphthalene

Concen: 58.082 ng

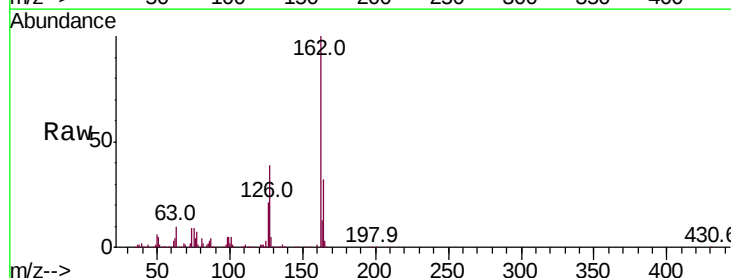
RT: 13.66 min Scan# 1799

Delta R.T. -0.02 min

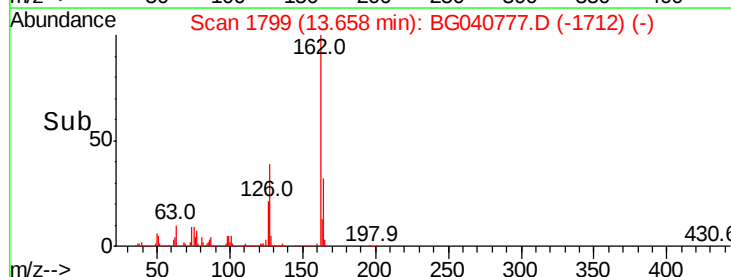
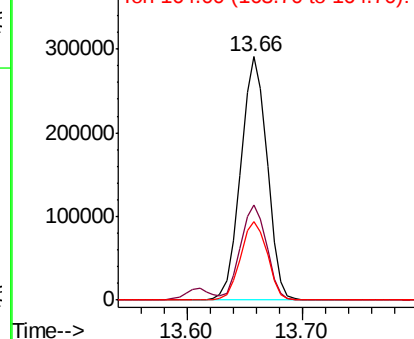
Lab File: BG040777.D

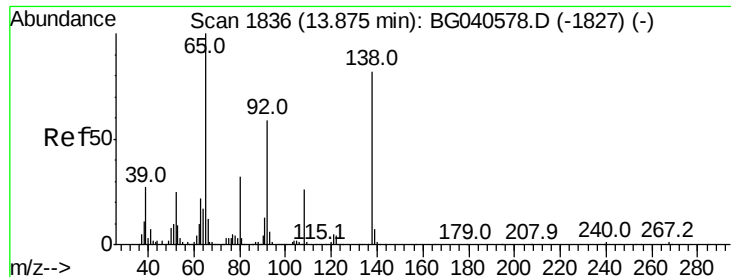
Acq: 7 May 2019 19:46

Tgt Ion:	162	Resp:	459684
Ion Ratio	Lower	Upper	
162	100		
127	39.1	33.0	49.4
164	32.0	26.8	40.2



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



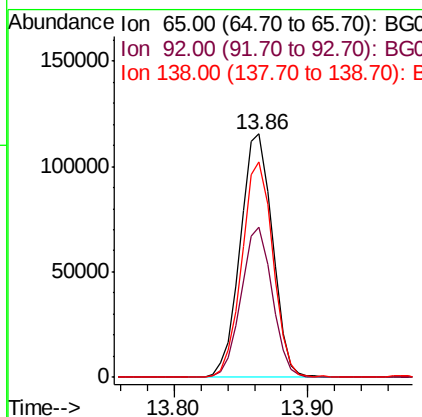
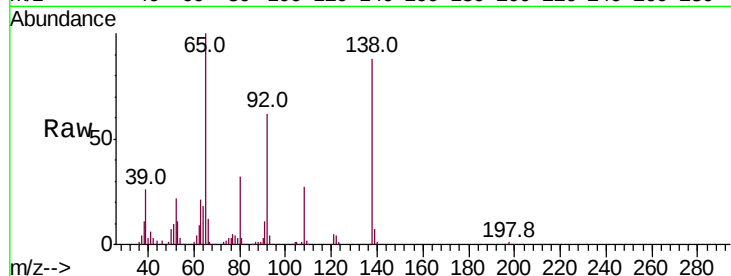


#48
2-Nitroaniline
Concen: 68.284 ng
RT: 13.86 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BG040777.D
Acq: 7 May 2019 19:46

Instrument :
BNA_G
ClientSampleId :
MW-4-20190502MSD

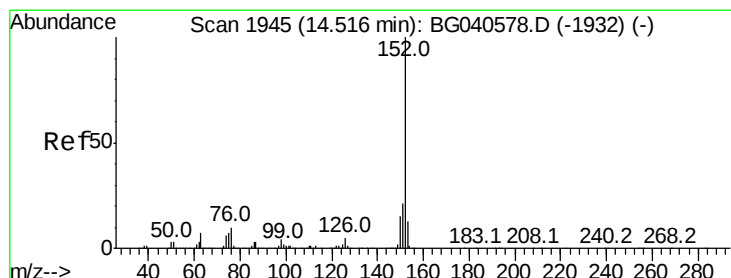
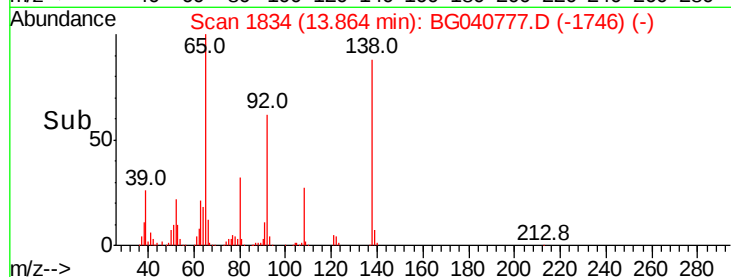
Tot Ion	Ratio	Lower	Upper
65	100		
92	61.6	47.4	71.0
138	88.3	66.1	99.1

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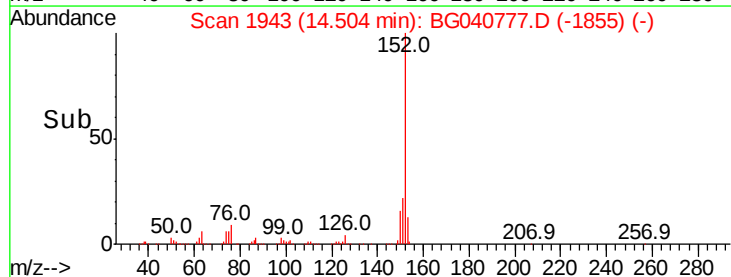
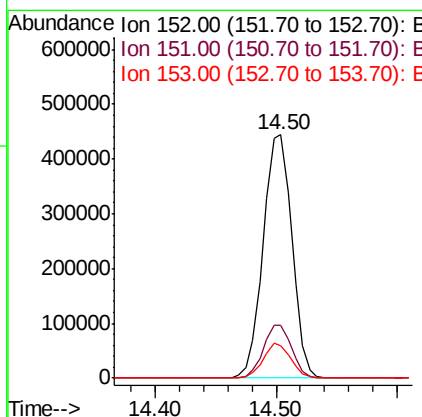
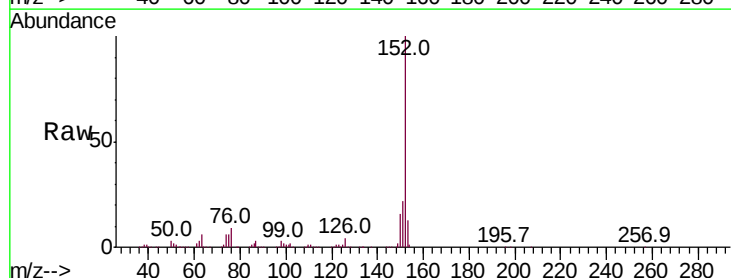
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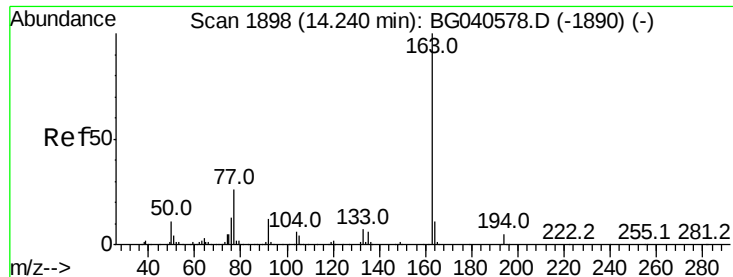
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#49
Acenaphthylene
Concen: 54.555 ng
RT: 14.50 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BG040777.D
Acq: 7 May 2019 19:46

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.0	17.2	25.8
153	13.5	10.7	16.1



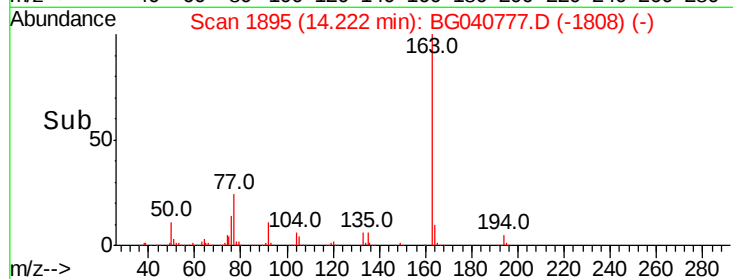
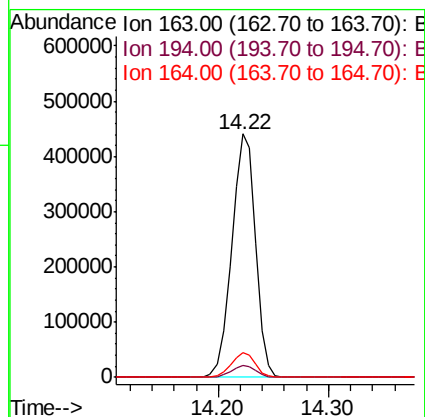
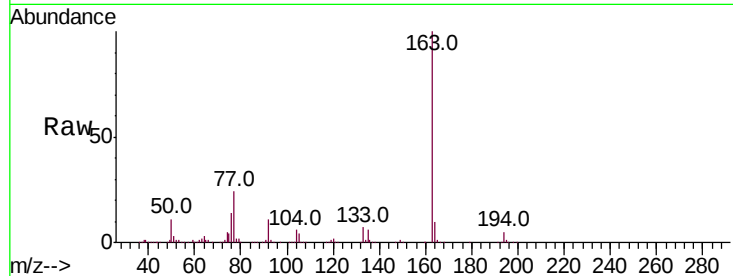


#50
Dimethylphthalate
Concen: 60.549 ng
RT: 14.22 min Scan# 1895
Delta R.T. -0.02 min
Lab File: BG040777.D
Acq: 7 May 2019 19:46

Instrument :
BNA_G
ClientSampleId :
MW-4-20190502MSD

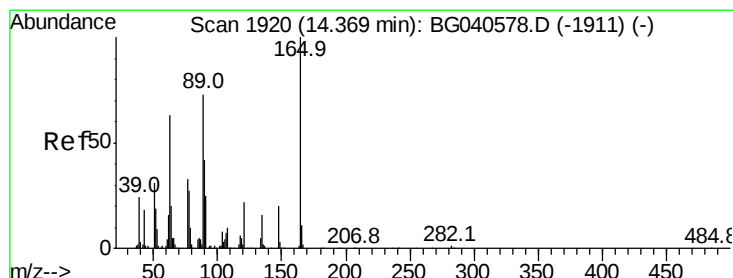
Tot Ion:163	Resp: 659874
Ion Ratio	Lower Upper
163 100	
194 5.1	3.8 5.8
164 10.2	8.8 13.2

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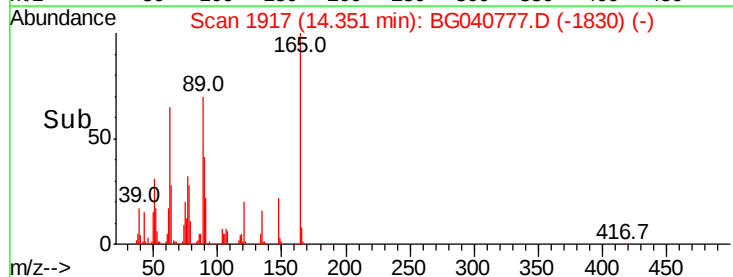
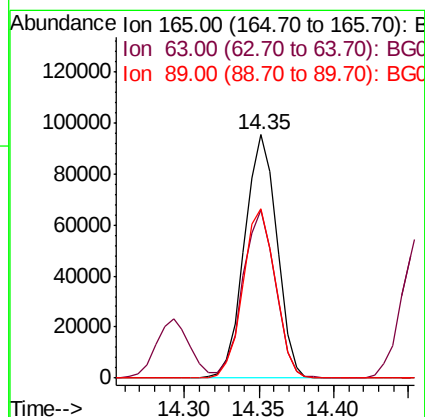
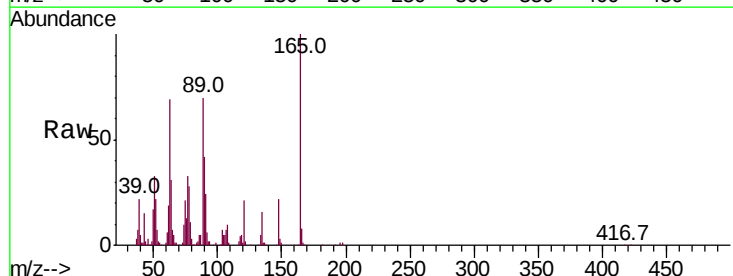
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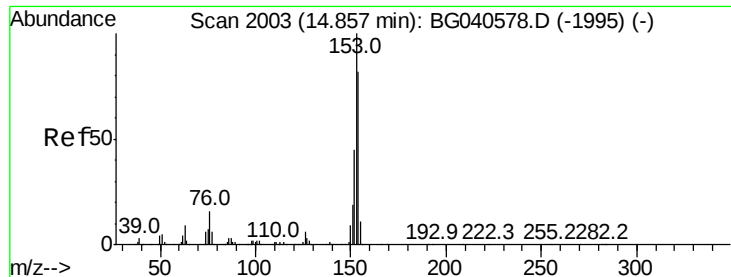
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#51
2,6-Dinitrotoluene
Concen: 67.201 ng
RT: 14.35 min Scan# 1917
Delta R.T. -0.02 min
Lab File: BG040777.D
Acq: 7 May 2019 19:46

Tgt Ion:165	Resp: 142936
Ion Ratio	Lower Upper
165 100	
63 69.0	61.0 91.4
89 69.5	58.6 87.8





#52

Acenaphthene

Concen: 54.762 ng

RT: 14.84 min Scan# 2000

Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Instrument :

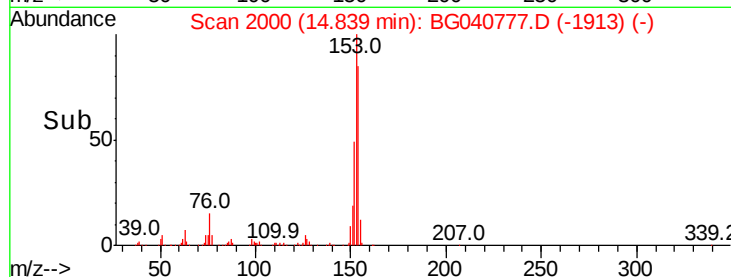
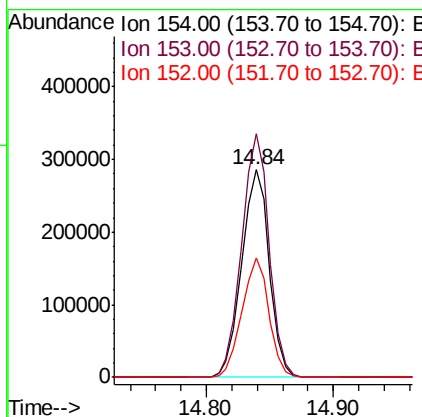
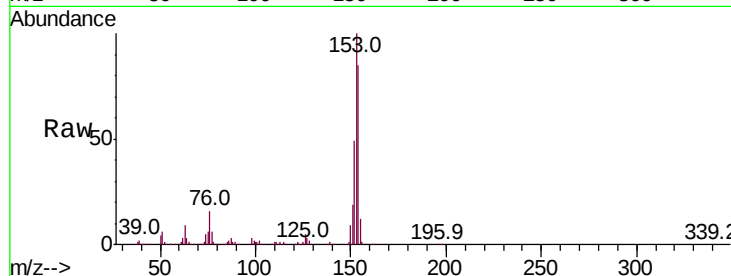
BNA_G

ClientSampleId :

MW-4-20190502MSD

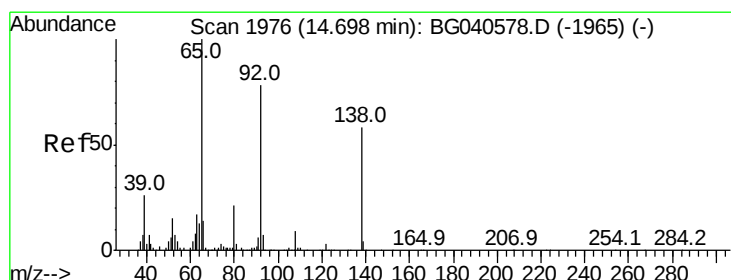
Tot Ion:	154	Resp:	428227
Ion Ratio	Lower	Upper	
154	100		
153	117.3	97.0	145.6
152	57.8	44.1	66.1

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#53

3-Nitroaniline

Concen: 65.312 ng

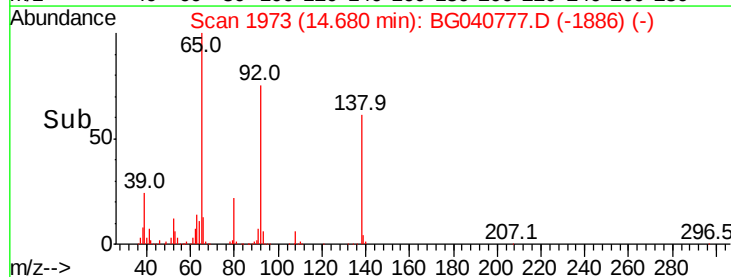
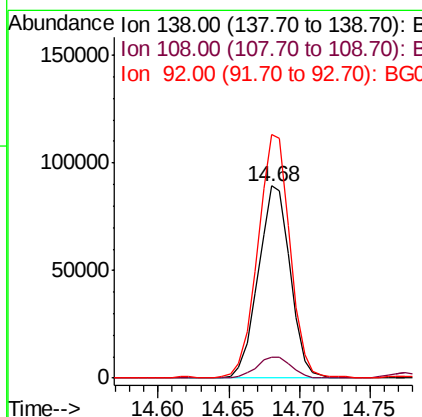
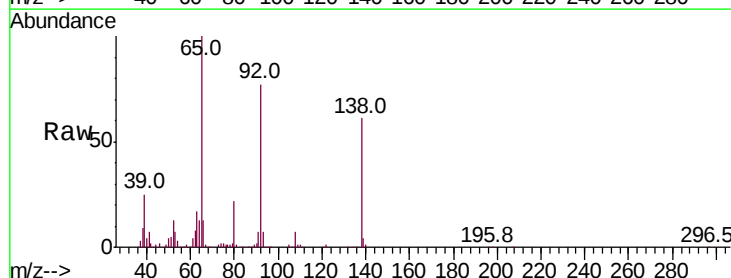
RT: 14.68 min Scan# 1973

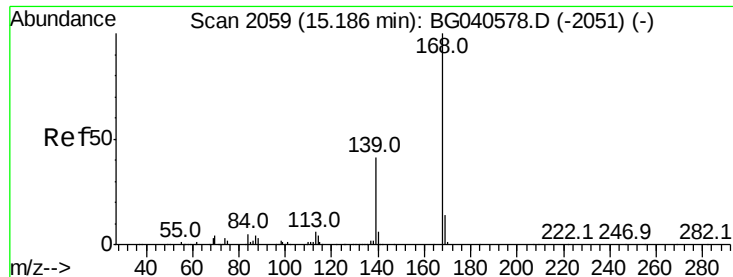
Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Tgt Ion:	138	Resp:	142338
Ion Ratio	Lower	Upper	
138	100		
108	11.2	12.4	18.6#
92	126.8	108.6	162.8



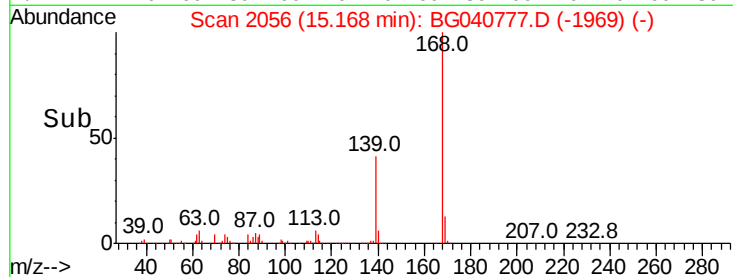
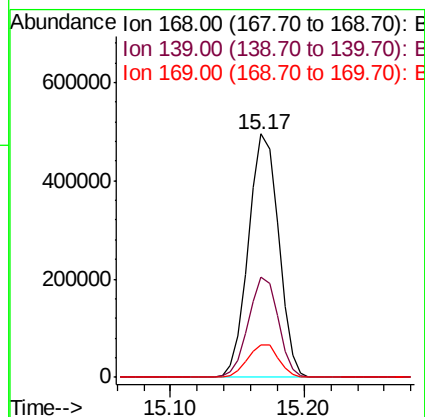
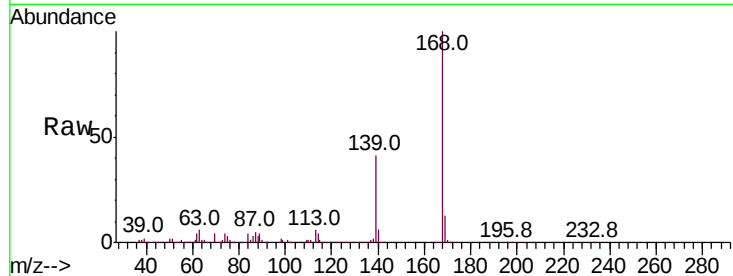


#55
Dibenzofuran
Concen: 60.104 ng
RT: 15.17 min Scan# 2056
Delta R.T. -0.02 min
Lab File: BG040777.D
Acq: 7 May 2019 19:46

Instrument :
BNA_G
ClientSampleId :
MW-4-20190502MSD

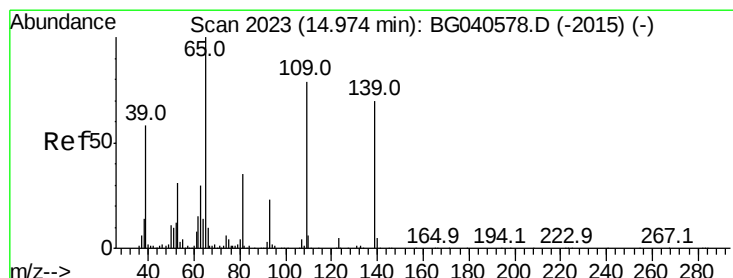
Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	41.0	33.0	49.4	
169	13.5	11.0	16.4	

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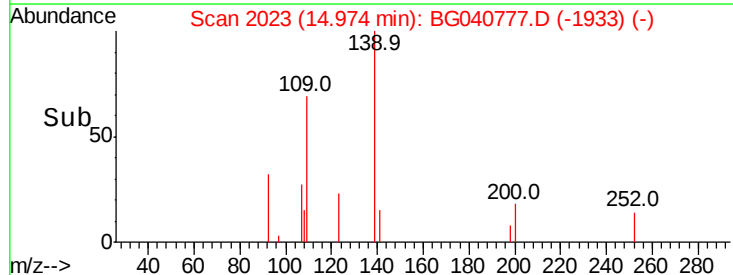
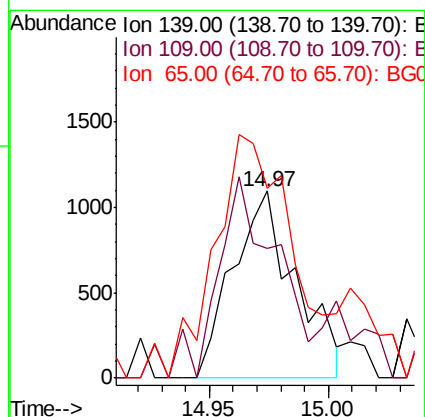
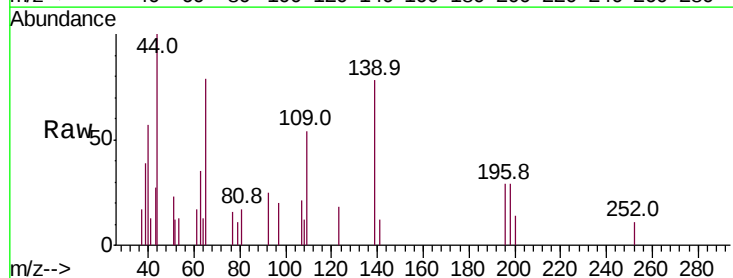
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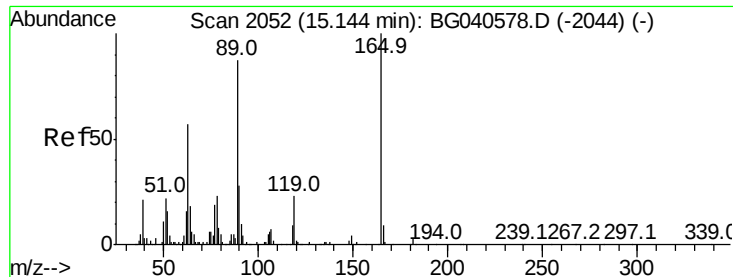
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#56
4-Nitrophenol
Concen: 1.068 ng m
RT: 14.97 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BG040777.D
Acq: 7 May 2019 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	69.0	93.8	133.8#	
65	101.3	122.7	162.7#	



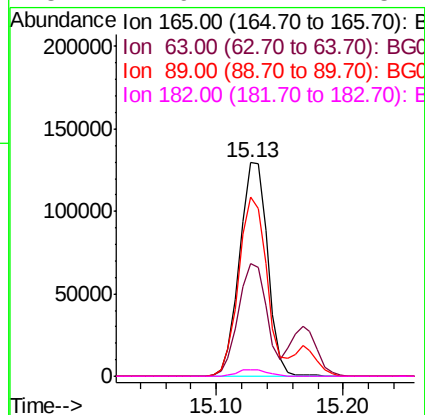
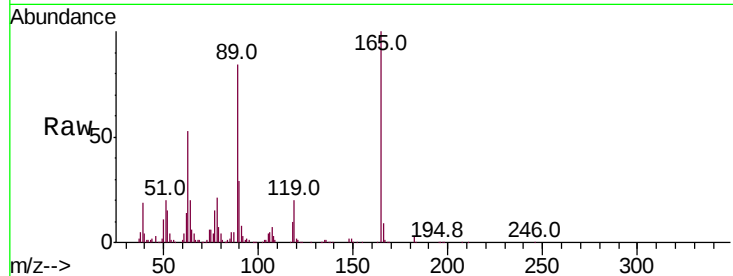


#57
2,4-Dinitrotoluene
Concen: 68.714 ng
RT: 15.13 min Scan# 2049
Delta R.T. -0.02 min
Lab File: BG040777.D
Acq: 7 May 2019 19:46

Instrument :
BNA_G
ClientSampleId :
MW-4-20190502MSD

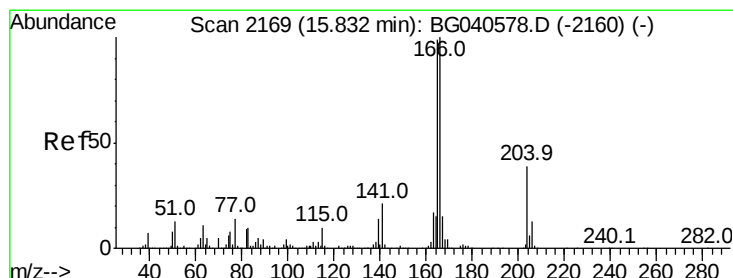
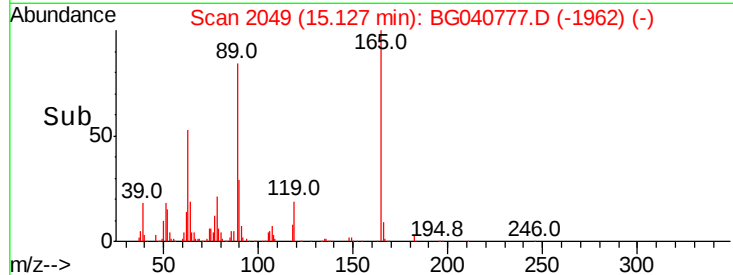
Tot Ion	Ratio	Resp	Lower	Upper
165	100	198600		
63	53.0		45.8	68.8
89	84.0		69.4	104.2
182	2.9		2.2	3.4

Manual Integrations
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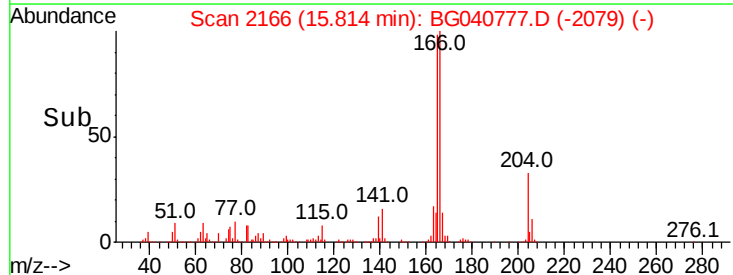
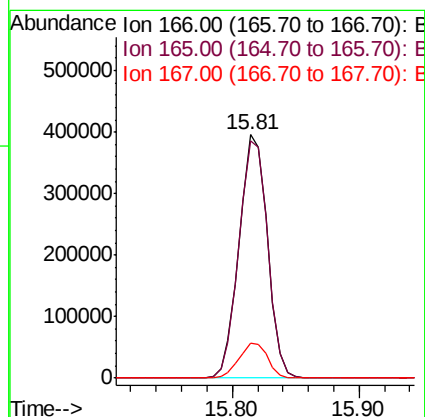
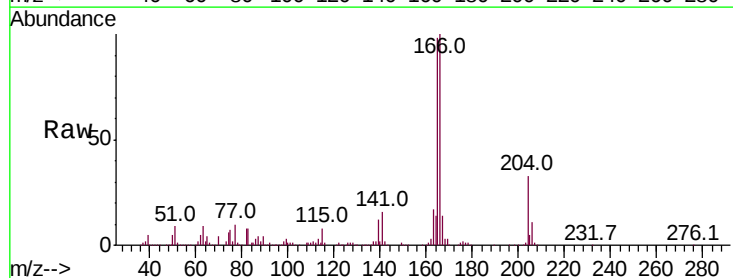
sohil

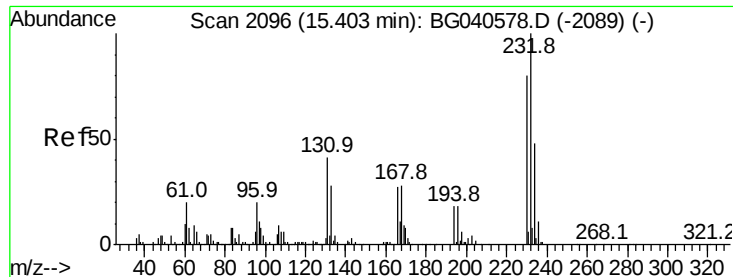
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#58
Fluorene
Concen: 58.951 ng
RT: 15.81 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BG040777.D
Acq: 7 May 2019 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	610290		
165	97.7		79.6	119.4
167	14.4		12.2	18.2



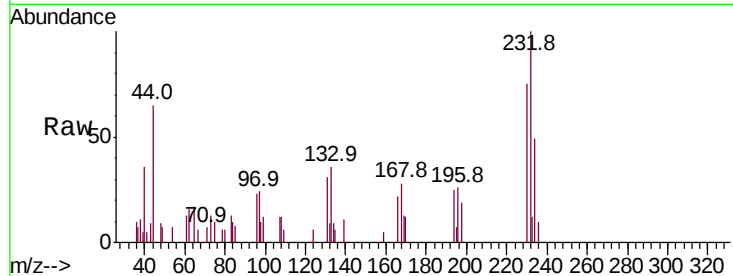


#59
 2,3,4,6-Tetrachlorophenol
 Concen: 2.095 ng/ml
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BG040777.D
 Acq: 7 May 2019 19:46

Instrument :
 BNA_G
 ClientSampleId :
 MW-4-20190502MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	6735		
131	0.0	33.0	49.4#	
130	0.0	2.0	3.0#	
166	0.0	22.1	33.1#	

Manual Integrations
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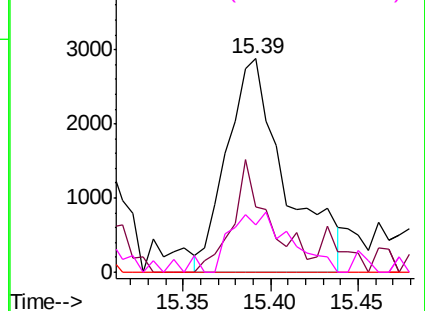
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

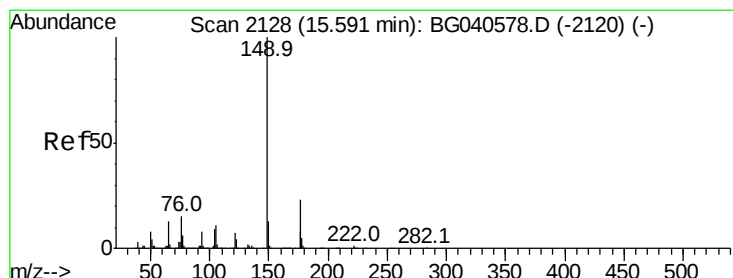
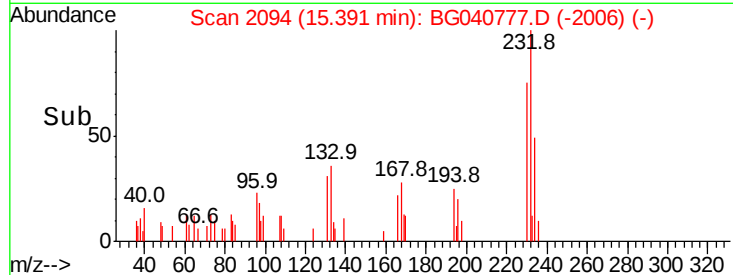
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



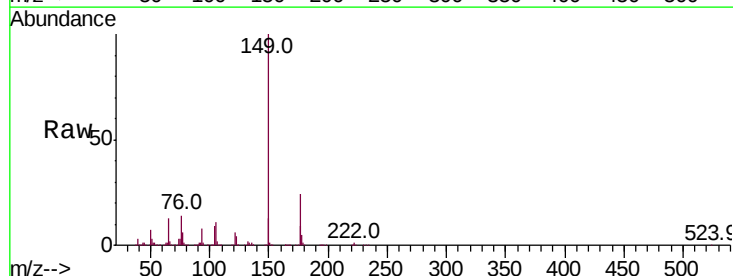
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#60
 Diethylphthalate
 Concen: 59.763 ng
 RT: 15.57 min Scan# 2124
 Delta R.T. -0.02 min
 Lab File: BG040777.D
 Acq: 7 May 2019 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	687187		
177	23.8	18.5	27.7	
150	13.4	10.2	15.4	

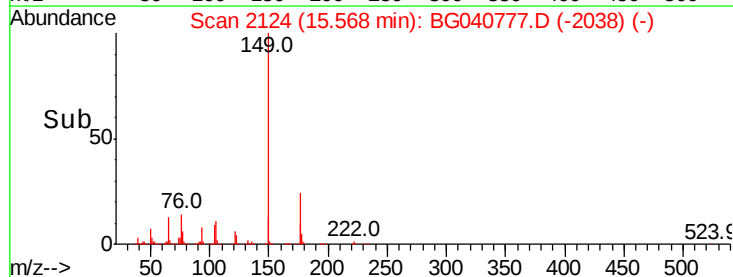
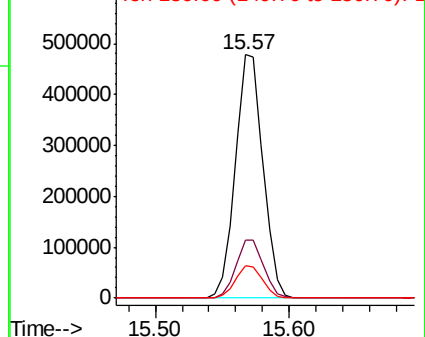


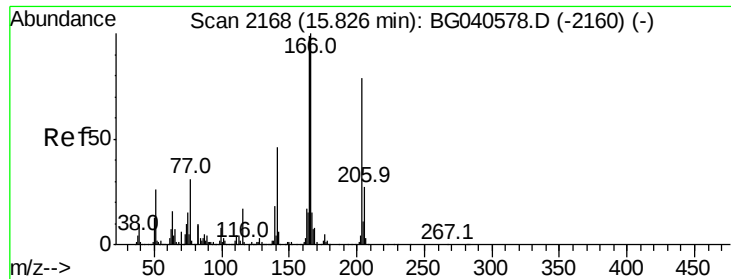
Abundance

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



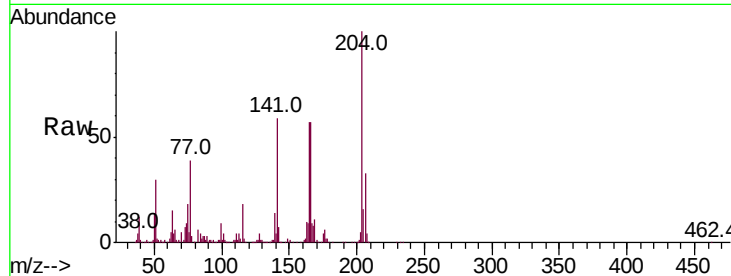


#61
4-Chlorophenyl-phenylether
Concen: 62.414 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG040777.D
Acq: 7 May 2019 19:46

Instrument :
BNA_G
ClientSampleId :
MW-4-20190502MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	27.4	41.2
141	59.3	46.0	69.0

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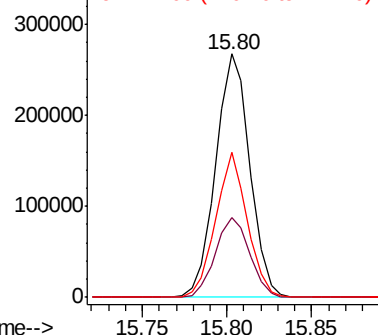


Abundance

Ion 204.00 (203.70 to 204.70): E

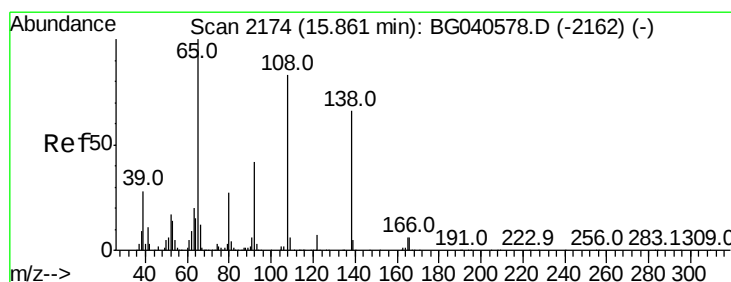
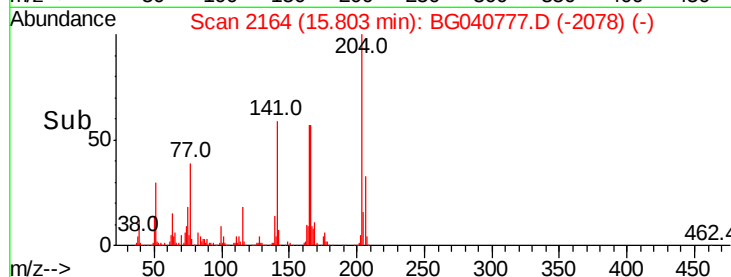
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



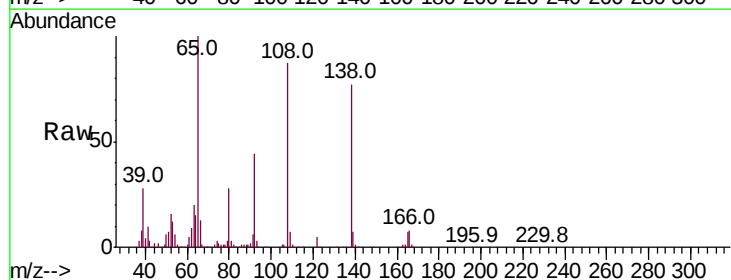
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#62
4-Nitroaniline
Concen: 61.541 ng
RT: 15.84 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BG040777.D
Acq: 7 May 2019 19:46

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.9	43.9	83.9
108	112.5	106.5	146.5

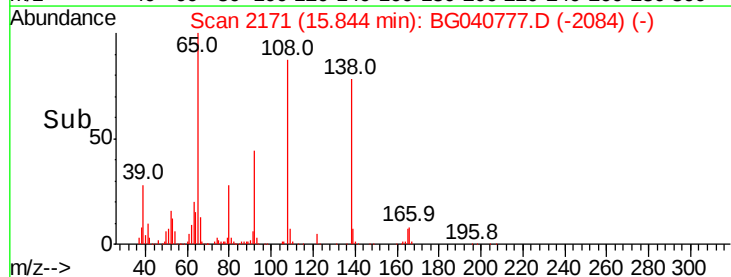
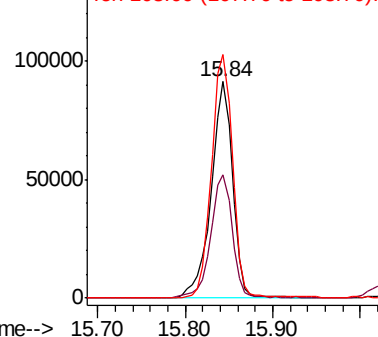


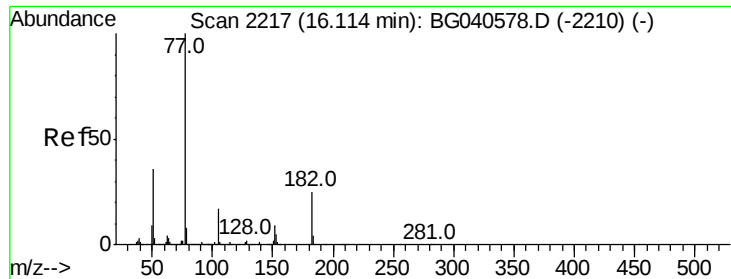
Abundance

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



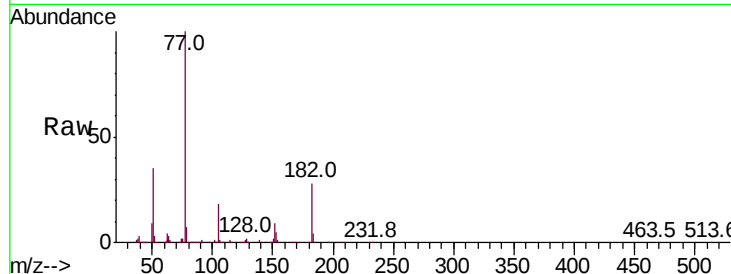


#63
Azobenzene
Concen: 55.220 ng
RT: 16.10 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BG040777.D
Acq: 7 May 2019 19:46

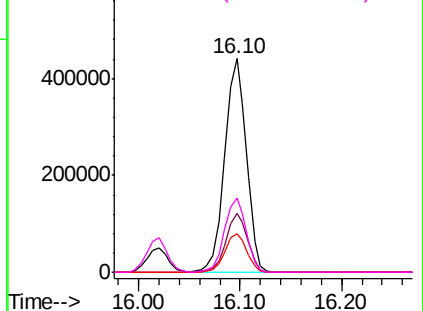
Instrument :
BNA_G
ClientSampleId :
MW-4-20190502MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	27.7	5.0	45.0		
105	17.9	0.0	37.6		
51	34.9	16.3	56.3		

Manual Integrations
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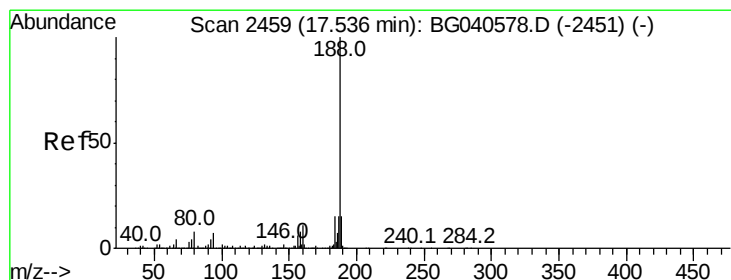
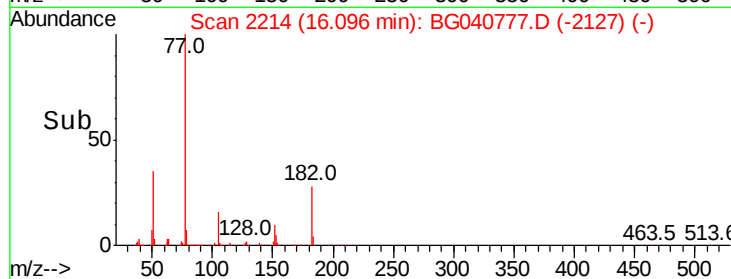


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



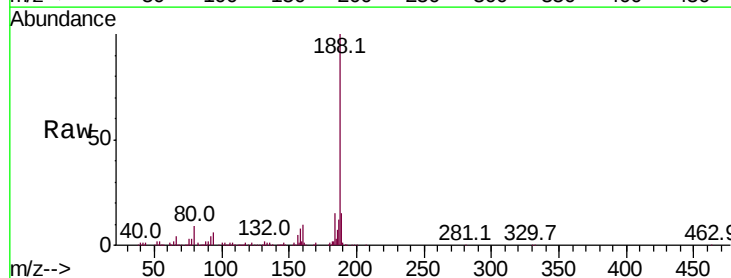
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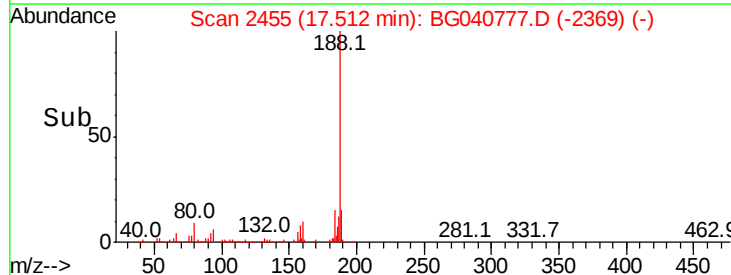
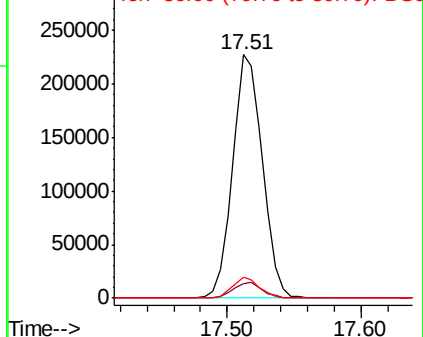


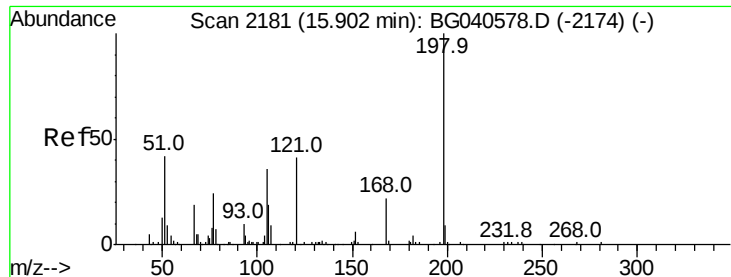
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040777.D
Acq: 7 May 2019 19:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	5.9	5.6	8.4		
80	8.5	6.4	9.6		



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: 7.261 ng/ml

RT: 15.90 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Instrument :

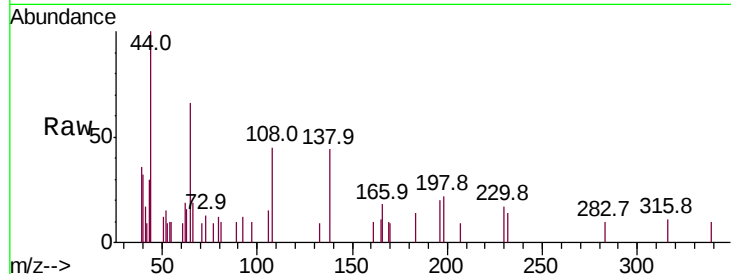
BNA_G

ClientSampleId :

MW-4-20190502MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	55.8	35.9	75.9
105	0.0	21.2	61.2

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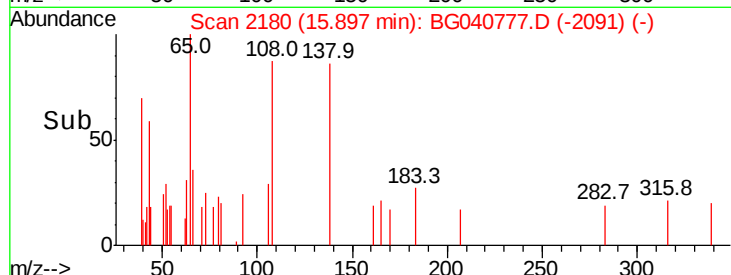
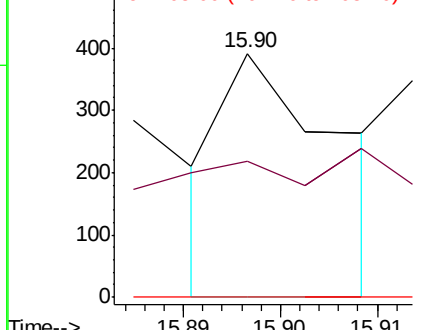


Abundance

Ion 198.00 (197.70 to 198.70): E

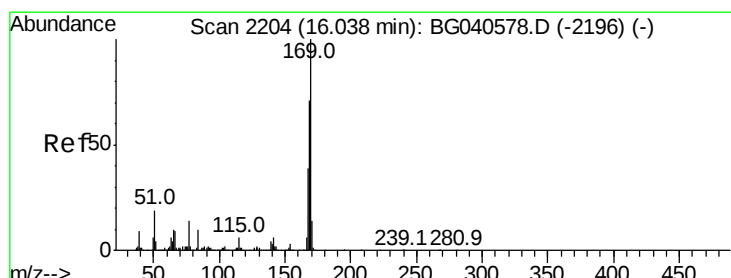
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



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#66

n-Nitrosodiphenylamine

Concen: 55.126 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

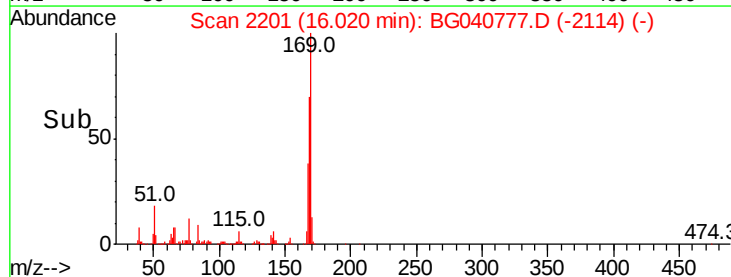
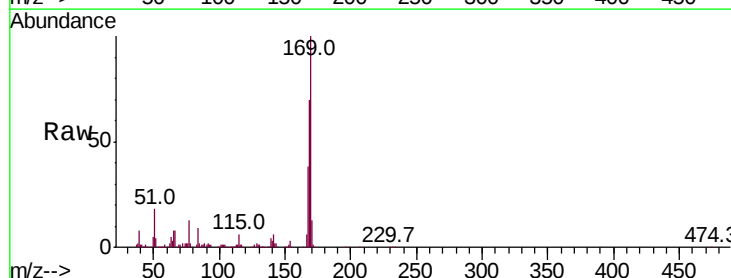
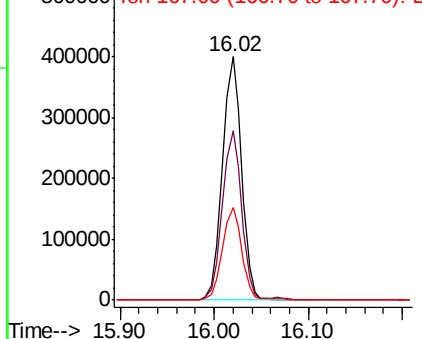
Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.7	56.8	85.2
167	37.8	31.4	47.0

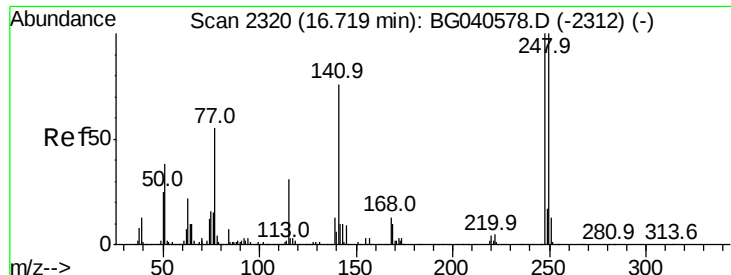
Abundance

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



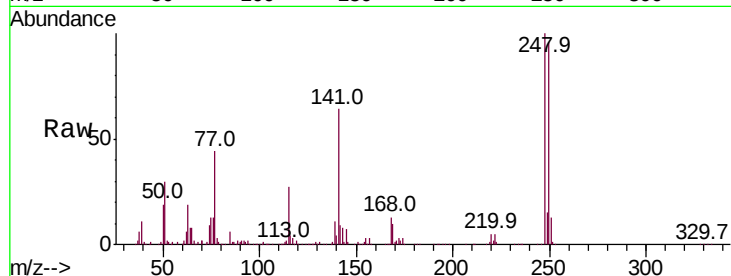


#67
4-Bromophenyl-phenylether
Concen: 58.030 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.02 min
Lab File: BG040777.D
Acq: 7 May 2019 19:46

Instrument :
BNA_G
ClientSampleId :
MW-4-20190502MSD

Tot Ion	Ratio	Resp	Lower	Upper
248	100	254165		
250	96.0		79.8	119.6
141	64.5		60.8	91.2

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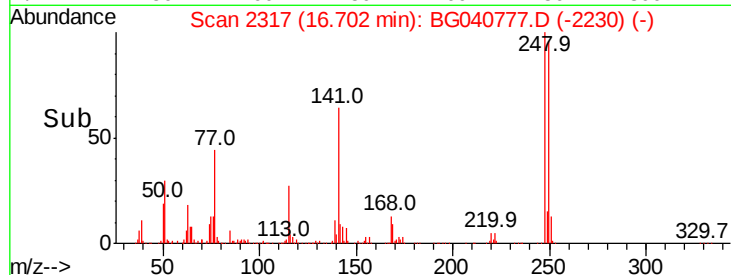
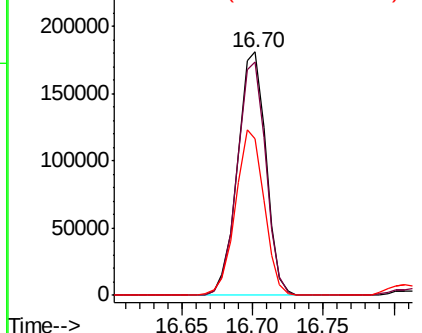


Abundance

Ion 248.00 (247.70 to 248.70): E

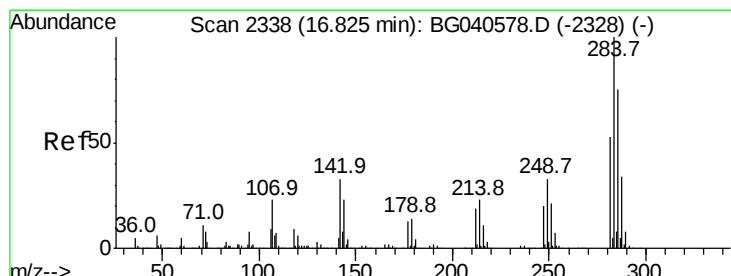
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



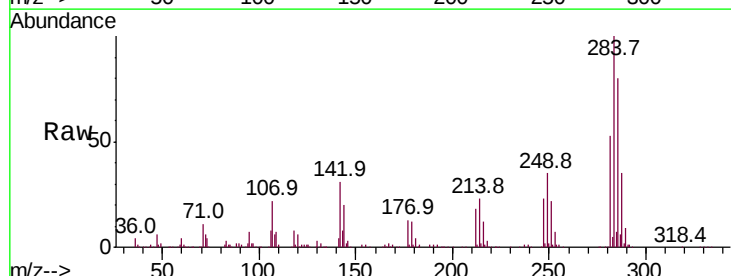
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#68
Hexachlorobenzene
Concen: 58.391 ng
RT: 16.81 min Scan# 2335
Delta R.T. -0.02 min
Lab File: BG040777.D
Acq: 7 May 2019 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	264441		
142	31.2		26.6	40.0
249	35.5		26.0	39.0

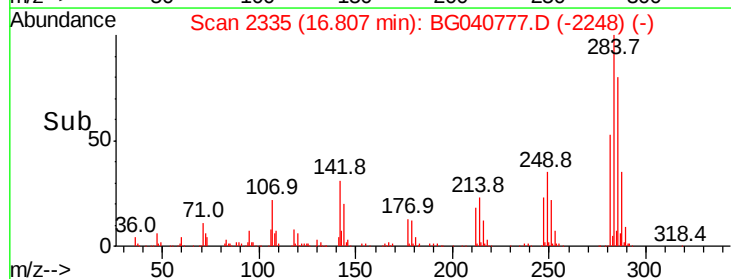
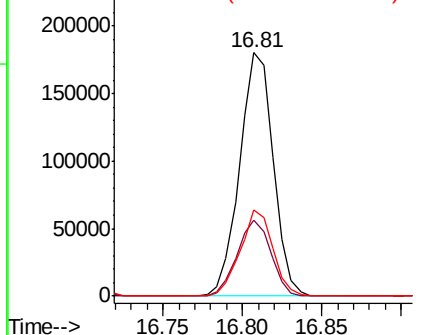


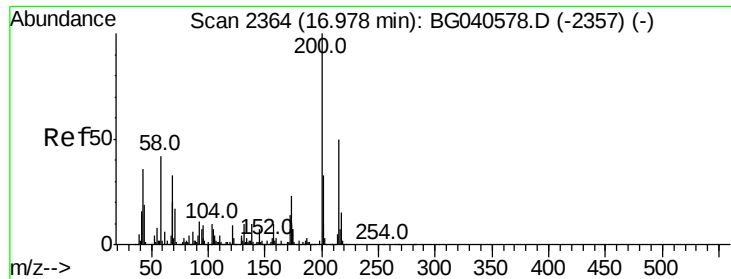
Abundance

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



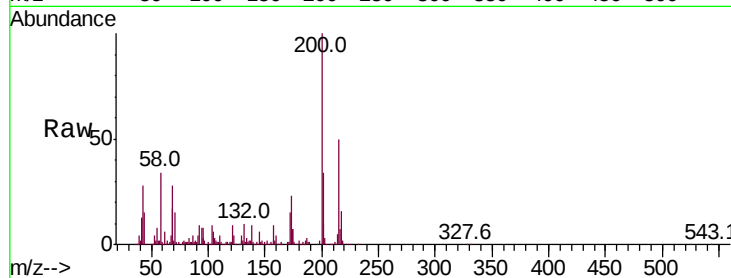


#69
Atrazine
Concen: 61.522 ng
RT: 16.96 min Scan# 2361
Delta R.T. -0.02 min
Lab File: BG040777.D
Acq: 7 May 2019 19:46

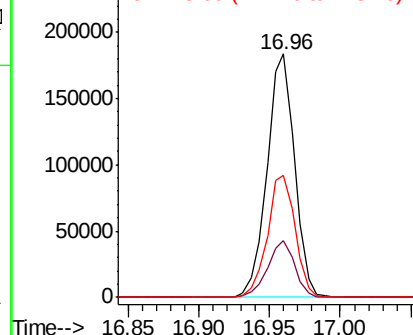
Instrument :
BNA_G
ClientSampleId :
MW-4-20190502MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.1	2.8	42.8
215	50.3	30.2	70.2

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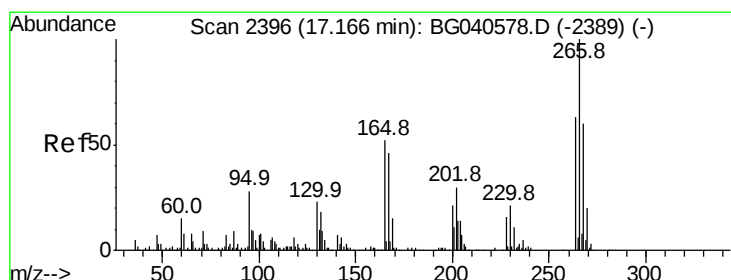
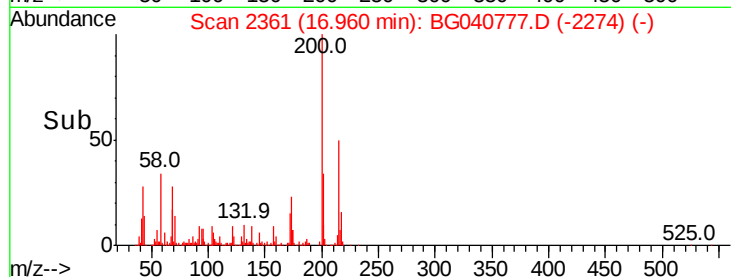


Abundance Ion 200.00 (199.70 to 200.70): E
250000
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



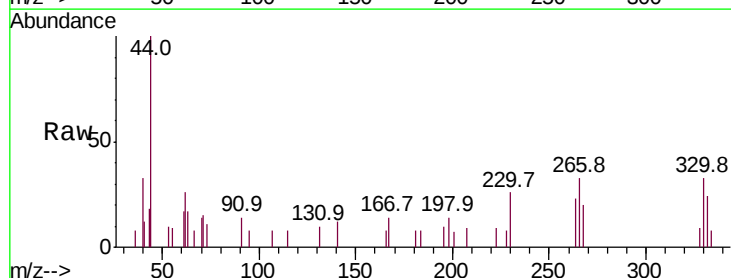
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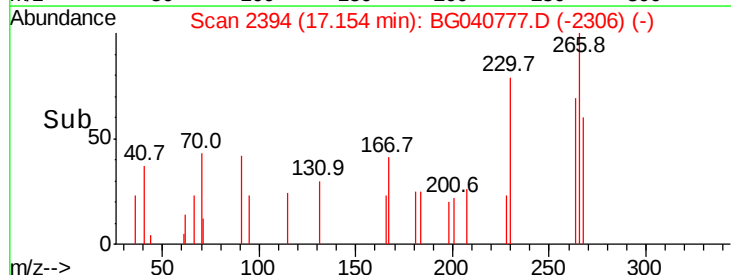
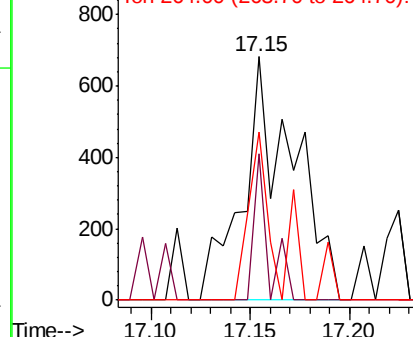


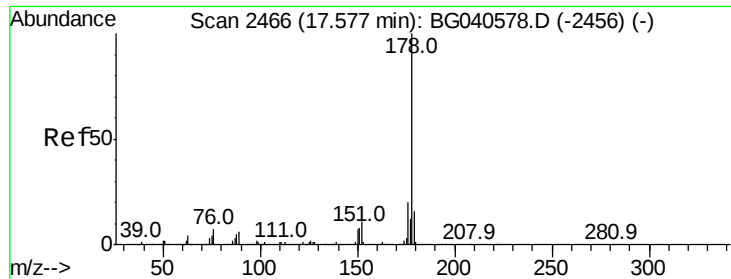
#70
Pentachlorophenol
Concen: 0.462 ng m
RT: 17.15 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BG040777.D
Acq: 7 May 2019 19:46

Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.1	52.3	78.5
264	68.9	50.0	75.0



Abundance Ion 265.70 (265.40 to 266.40): E
800
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



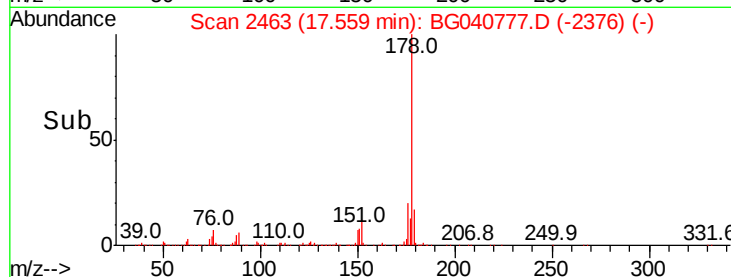
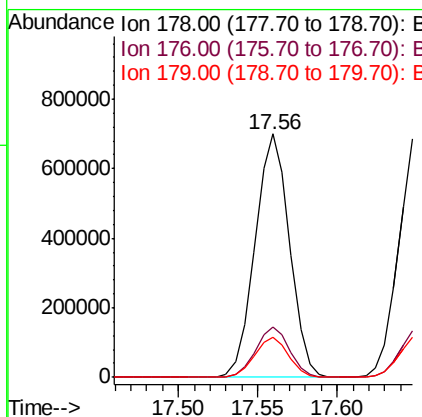
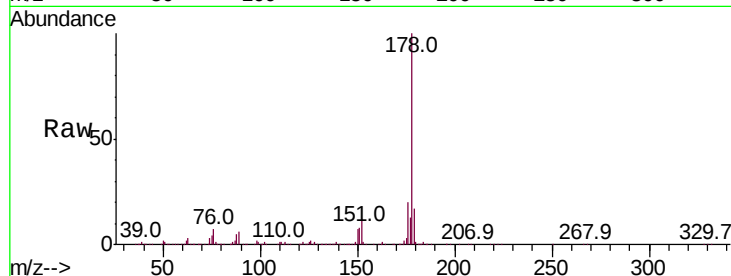


#71
Phenanthrene
Concen: 55.819 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040777.D
Acq: 7 May 2019 19:46

Instrument :
BNA_G
ClientSampleId :
MW-4-20190502MSD

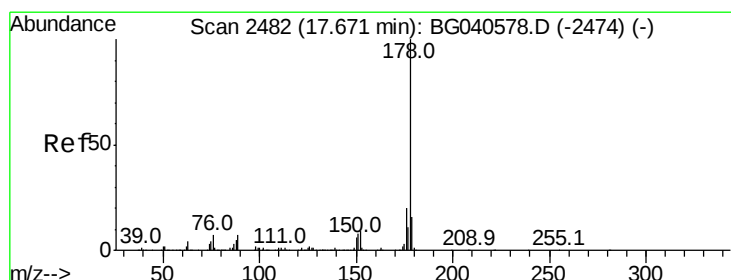
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.8	23.6
179	16.5	12.6	18.8

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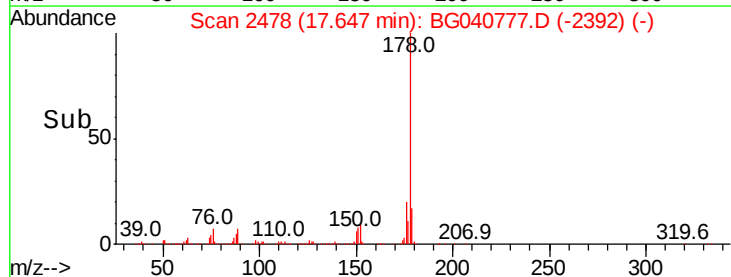
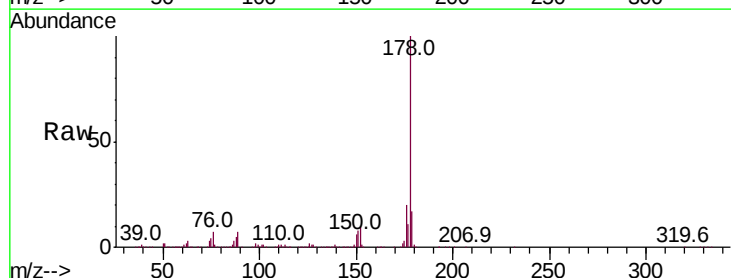
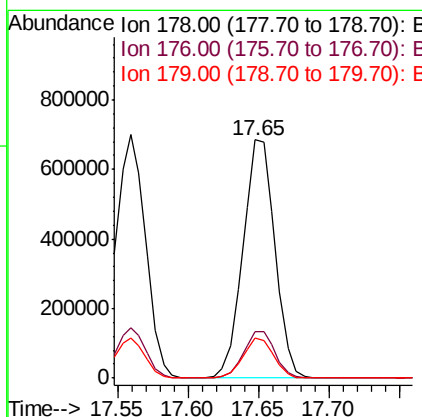
sohil

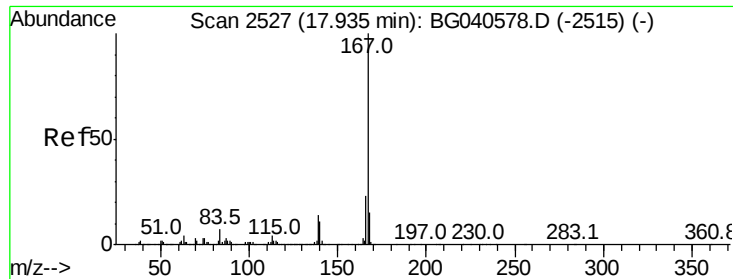
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#72
Anthracene
Concen: 56.831 ng
RT: 17.65 min Scan# 2478
Delta R.T. -0.02 min
Lab File: BG040777.D
Acq: 7 May 2019 19:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.6	23.4
179	16.7	12.9	19.3



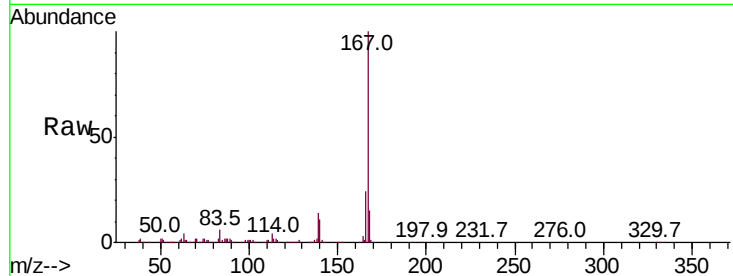


#73
 Carbazole
 Concen: 54.700 ng
 RT: 17.92 min Scan# 2525
 Delta R.T. -0.01 min
 Lab File: BG040777.D
 Acq: 7 May 2019 19:46

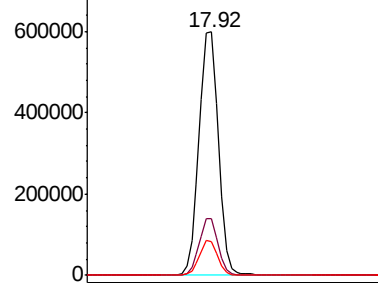
Instrument :
 BNA_G
 ClientSampleId :
 MW-4-20190502MSD

Tot Ion:	167	Resp:	948549
Ion Ratio	Lower	Upper	
167	100		
166	23.5	18.2	27.4
139	13.9	11.4	17.0

Manual Integrations
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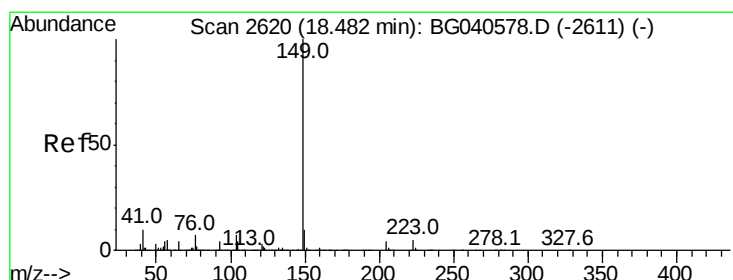
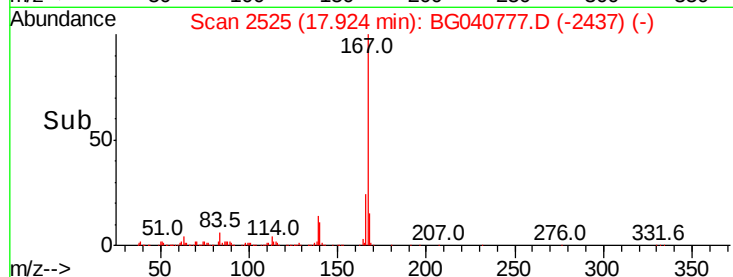


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



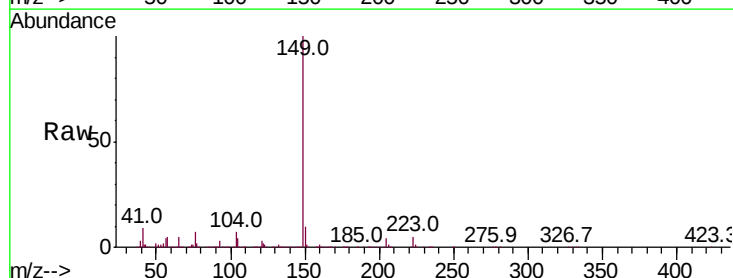
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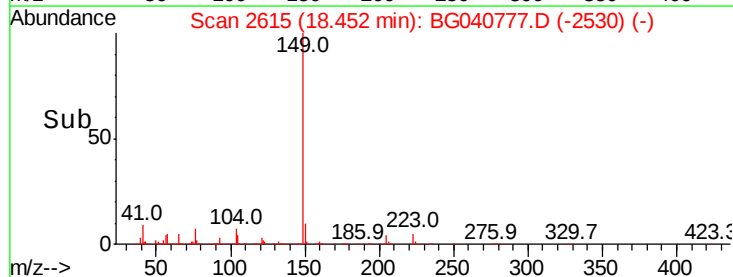
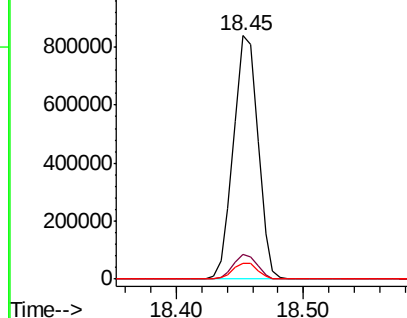


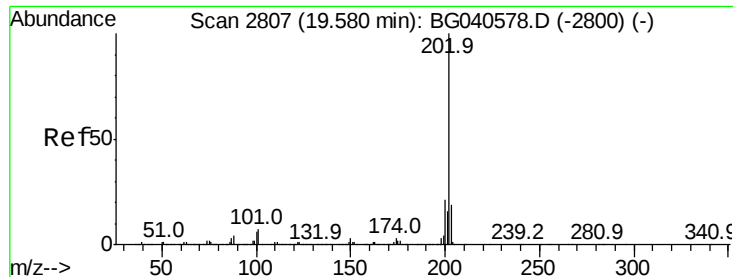
#74
 Di-n-butylphthalate
 Concen: 53.666 ng
 RT: 18.45 min Scan# 2615
 Delta R.T. -0.03 min
 Lab File: BG040777.D
 Acq: 7 May 2019 19:46

Tgt Ion:	149	Resp:	1123249
Ion Ratio	Lower	Upper	
149	100		
150	10.4	8.2	12.2
104	6.6	5.4	8.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 57.360 ng

RT: 19.56 min Scan# 2803

Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Instrument :

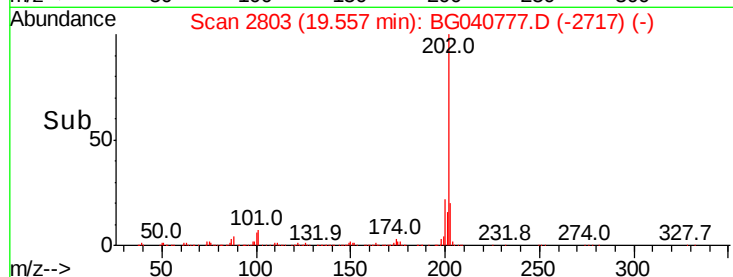
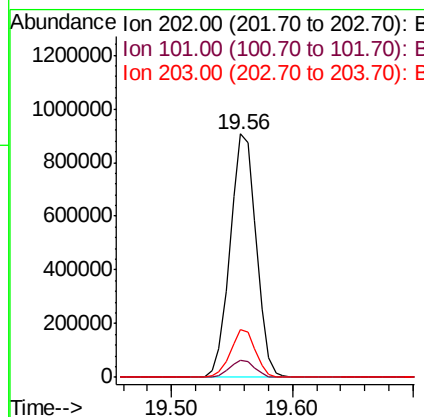
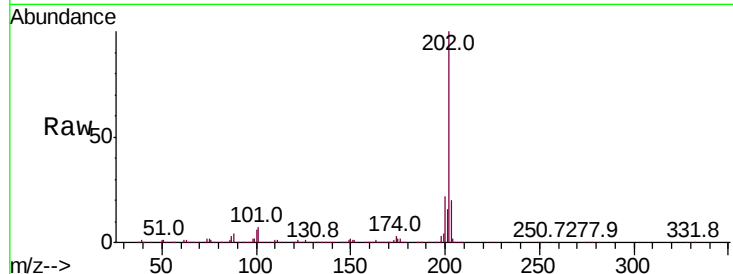
BNA_G

ClientSampleId :

MW-4-20190502MSD

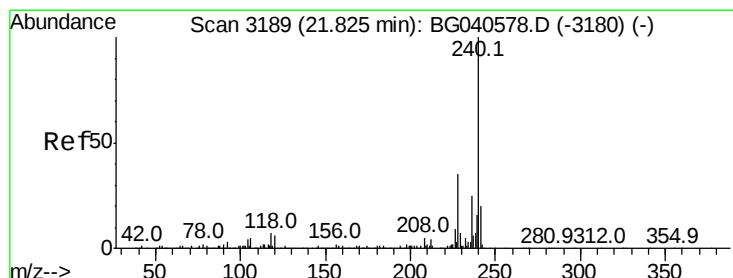
Tot Ion:	202	Resp:	1353507
Ion	Ratio	Lower	Upper
202	100		
101	7.2	0.0	27.5
203	19.7	0.0	39.3

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#76

Chrysene-d12

Concen: 20.000 ng

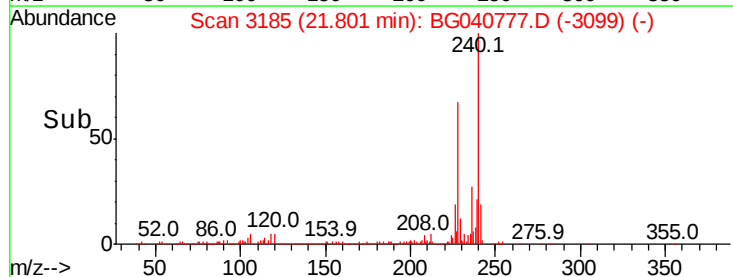
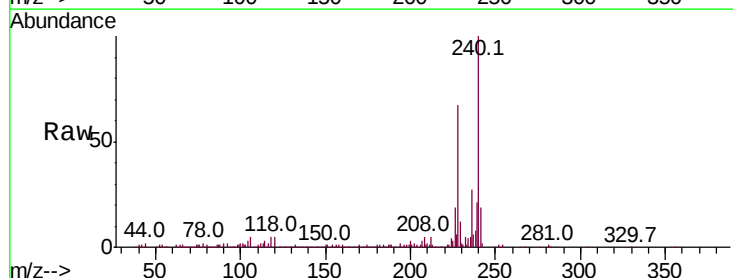
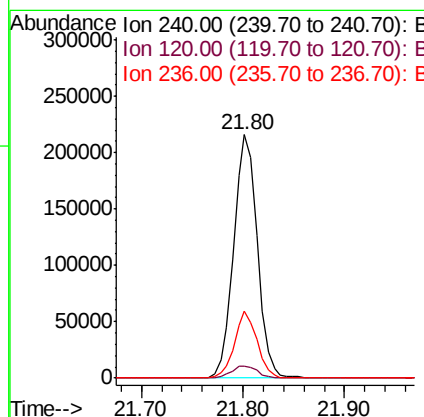
RT: 21.80 min Scan# 3185

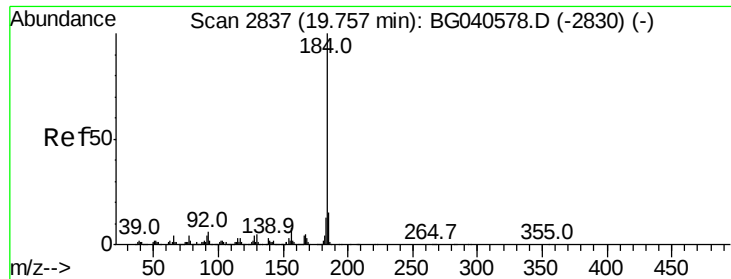
Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Tgt Ion:	240	Resp:	348652
Ion	Ratio	Lower	Upper
240	100		
120	5.1	5.0	7.6
236	27.4	20.3	30.5





#77

Benzidine

Concen: 92.666 ng

RT: 19.74 min Scan# 2834

Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Instrument :

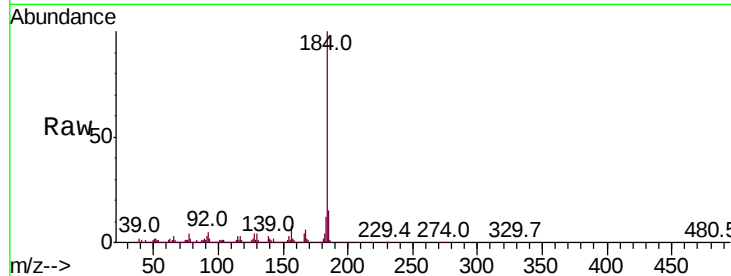
BNA_G

ClientSampleId :

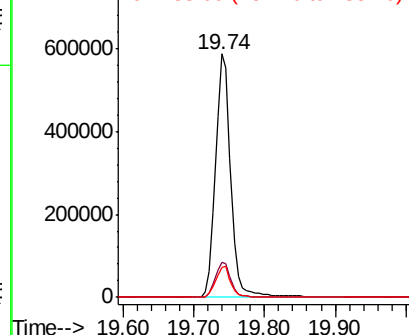
MW-4-20190502MSD

Tot Ion:184	Resp:	884610
Ion Ratio	Lower	Upper
184	100	
185	14.6	11.8 17.8
183	12.3	10.2 15.2

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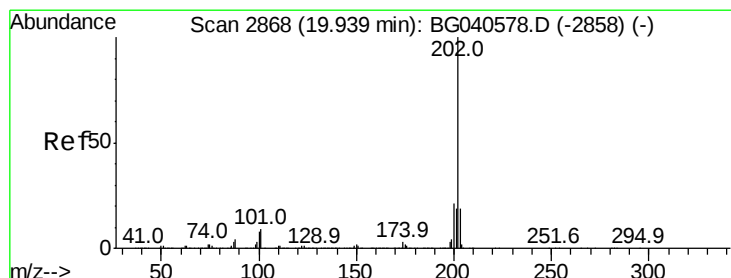
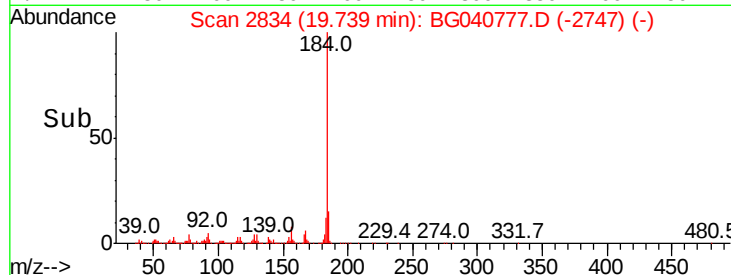


Abundance Ion 184.00 (183.70 to 184.70): E
800000
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



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#78

Pyrene

Concen: 61.117 ng

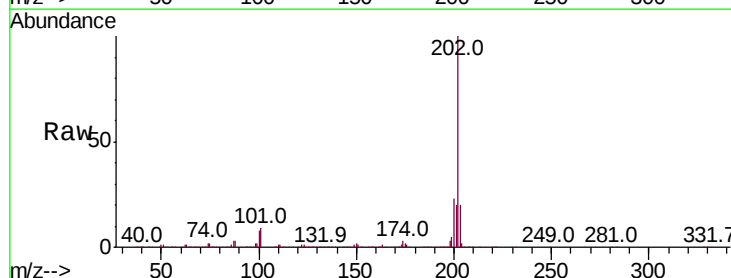
RT: 19.92 min Scan# 2865

Delta R.T. -0.02 min

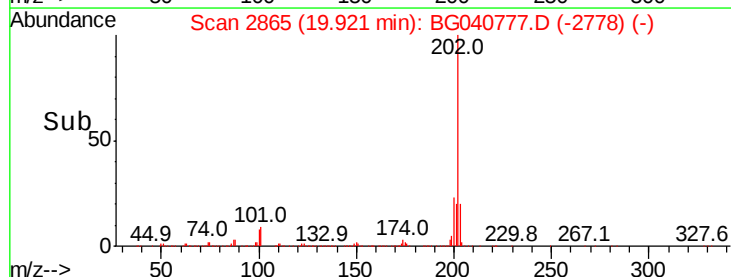
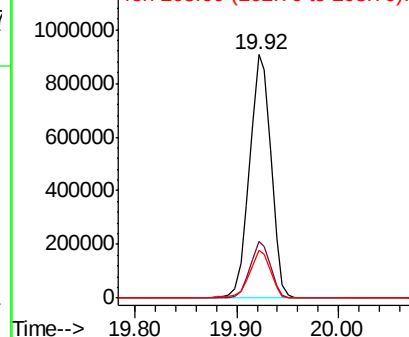
Lab File: BG040777.D

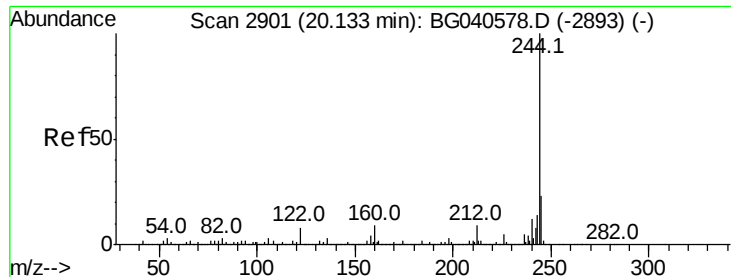
Acq: 7 May 2019 19:46

Tgt Ion:202	Resp:	1335527
Ion Ratio	Lower	Upper
202	100	
200	23.2	17.2 25.8
203	19.6	15.0 22.4



Abundance Ion 202.00 (201.70 to 202.70): E
1200000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 121.787 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Instrument :

BNA_G

ClientSampleId :

MW-4-20190502MSD

Tot Ion:244 Resp: 1916618

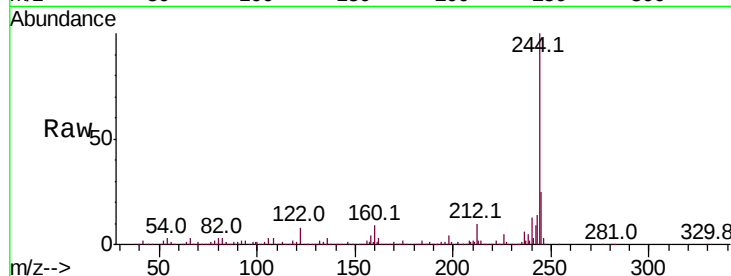
Ion Ratio Lower Upper

244 100

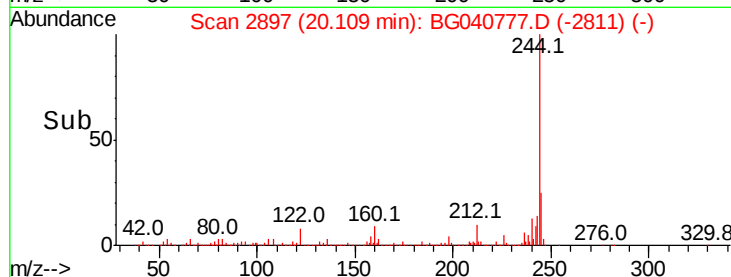
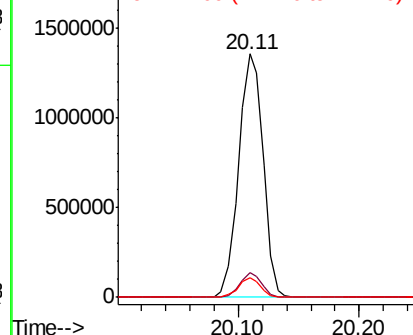
212 10.1 7.2 10.8

122 8.2 6.6 10.0

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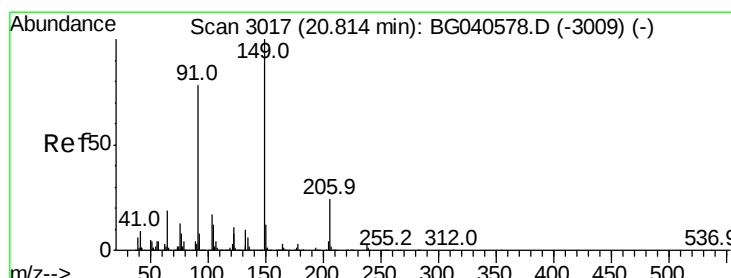


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



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#80

Butylbenzylphthalate

Concen: 61.104 ng

RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

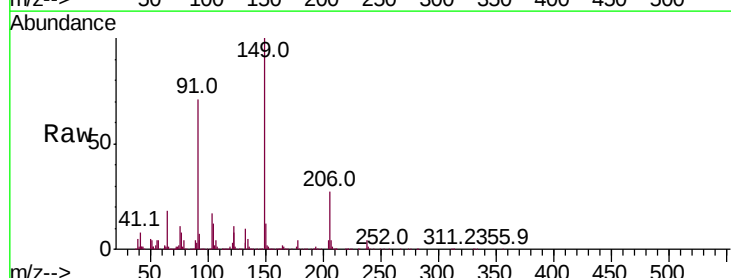
Tgt Ion:149 Resp: 520411

Ion Ratio Lower Upper

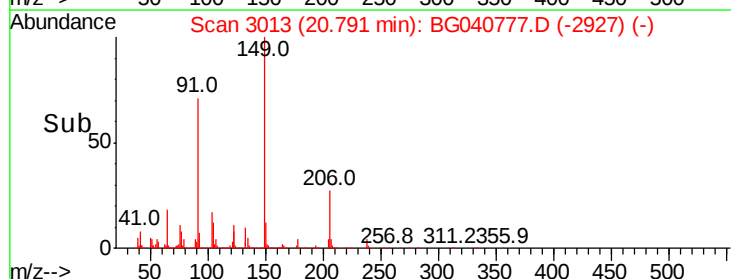
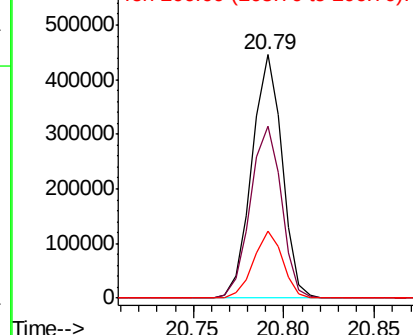
149 100

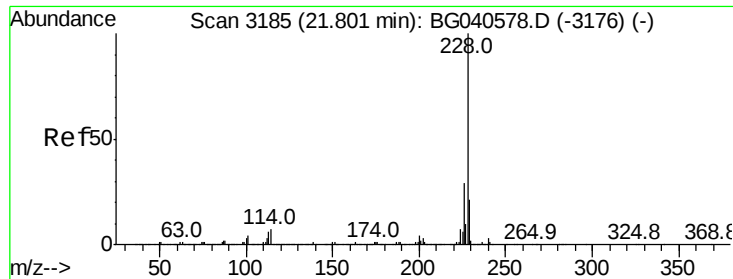
91 70.8 62.6 93.8

206 27.3 19.4 29.2



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: 59.041 ng

RT: 21.78 min Scan# 3182

Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Instrument :

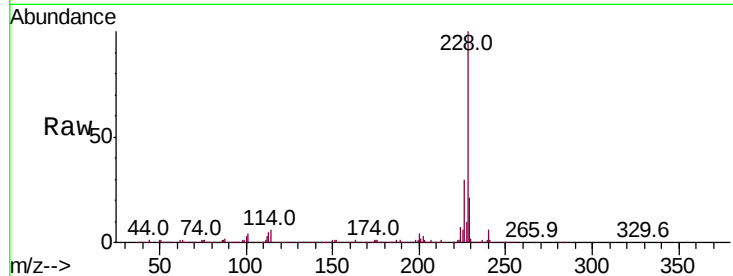
BNA_G

ClientSampleId :

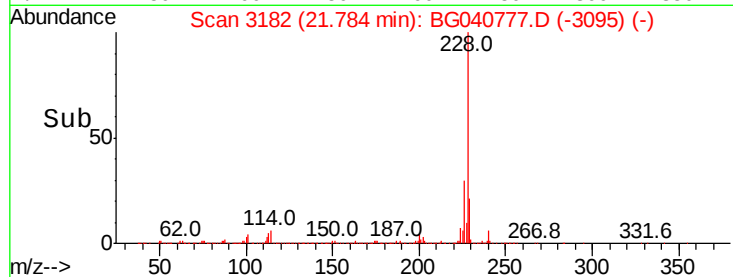
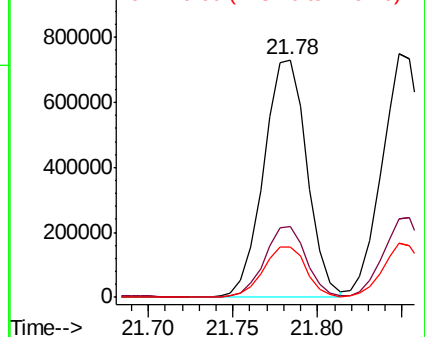
MW-4-20190502MSD

Tot Ion:	228	Resp:	1300968
Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.1	34.7
229	21.2	17.0	25.4

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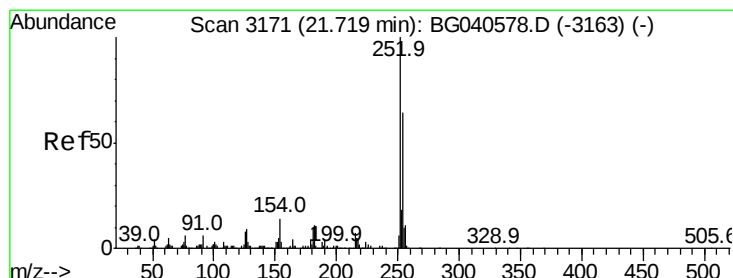


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



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#82

3,3'-Dichlorobenzidine

Concen: 58.346 ng

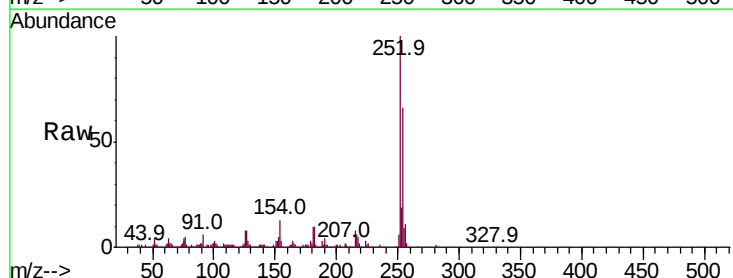
RT: 21.70 min Scan# 3167

Delta R.T. -0.02 min

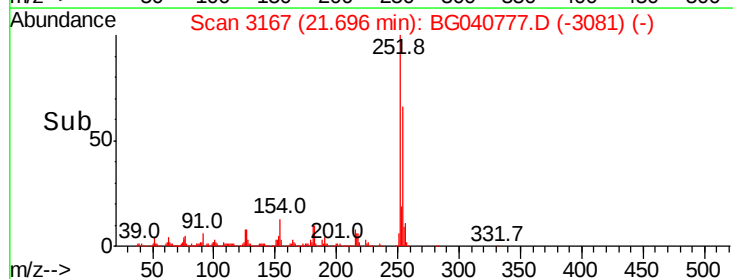
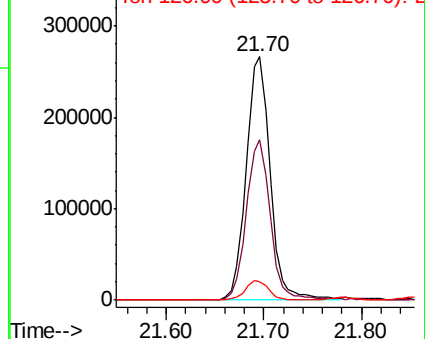
Lab File: BG040777.D

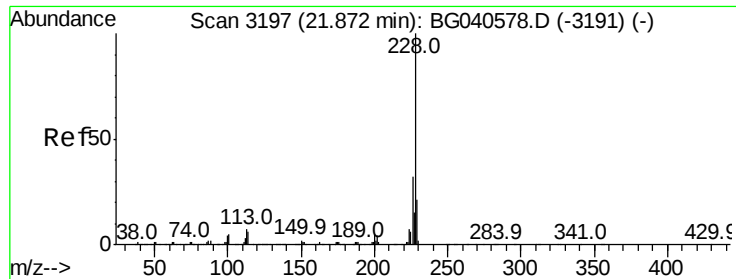
Acq: 7 May 2019 19:46

Tgt Ion:	252	Resp:	458244
Ion	Ratio	Lower	Upper
252	100		
254	66.1	51.2	76.8
126	7.6	6.6	10.0



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: 61.671 ng

RT: 21.85 min Scan# 3193

Delta R.T. -0.02 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Instrument :

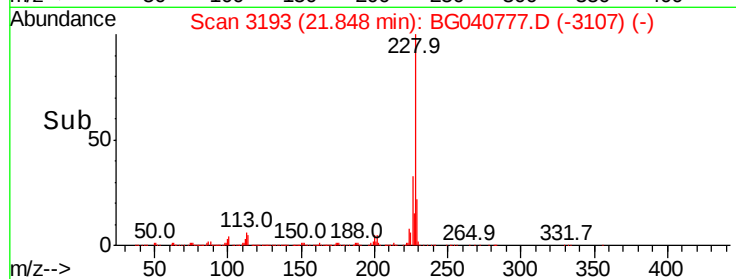
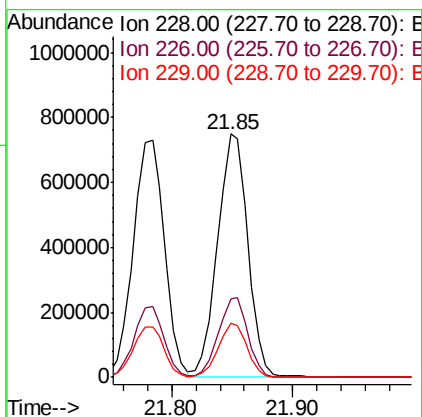
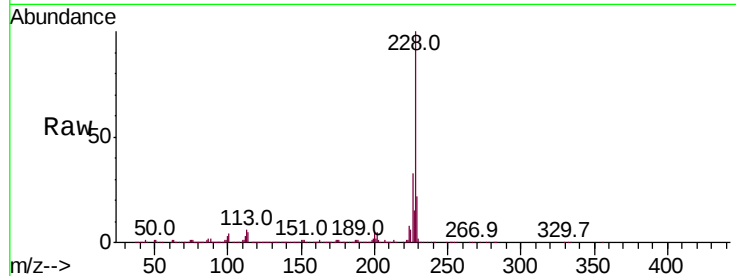
BNA_G

ClientSampleId :

MW-4-20190502MSD

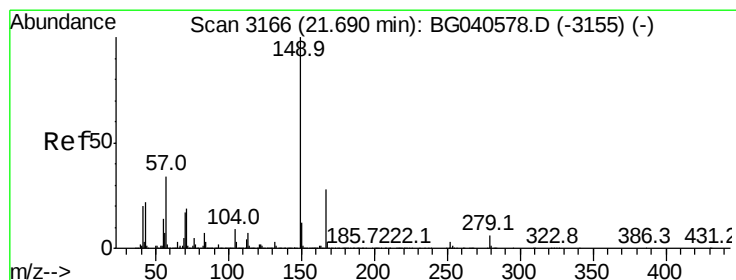
Tot Ion:	228	Resp:	1292383
Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.5	38.3
229	22.1	16.8	25.2

Manual Integrations
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#84

Bis(2-ethylhexyl)phthalate

Concen: 58.805 ng

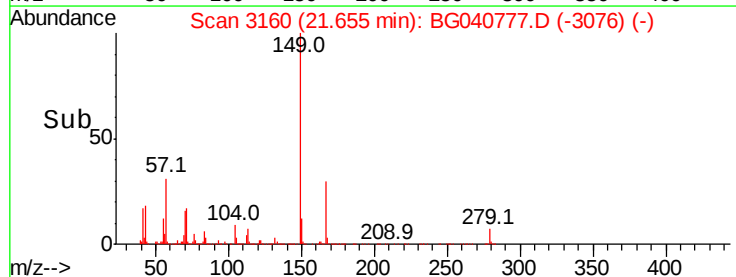
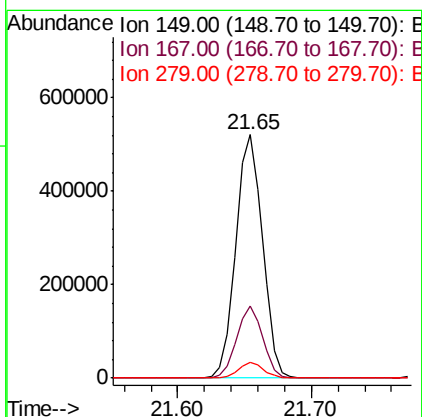
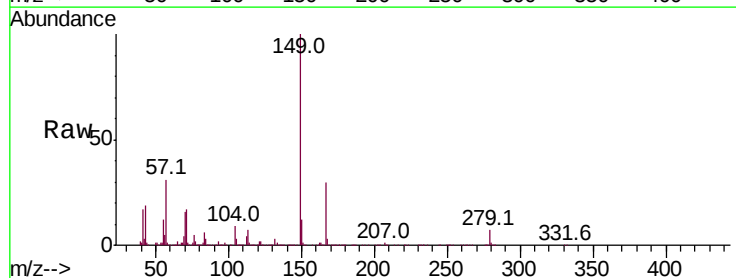
RT: 21.65 min Scan# 3160

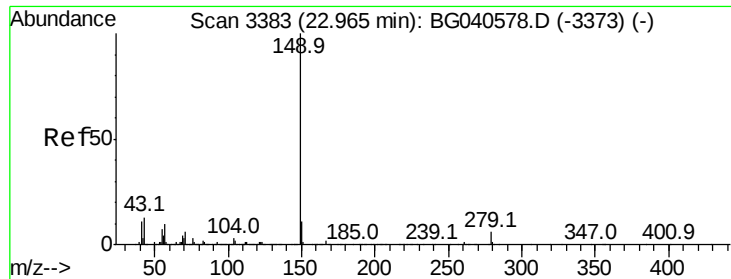
Delta R.T. -0.04 min

Lab File: BG040777.D

Acq: 7 May 2019 19:46

Tgt Ion:	149	Resp:	722964
Ion	Ratio	Lower	Upper
149	100		
167	29.9	22.4	33.6
279	6.5	4.6	6.8



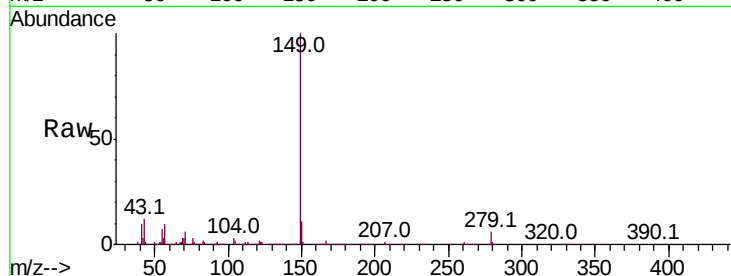


#85
Di-n-octyl phthalate
Concen: 58.761 ng
RT: 22.91 min Scan# 3373
Delta R.T. -0.06 min
Lab File: BG040777.D
Acq: 7 May 2019 19:46

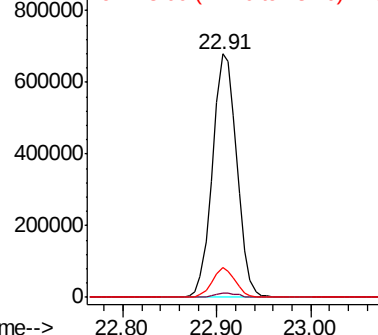
Instrument :
BNA_G
ClientSampleId :
MW-4-20190502MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.2
43	11.4	10.2	15.2

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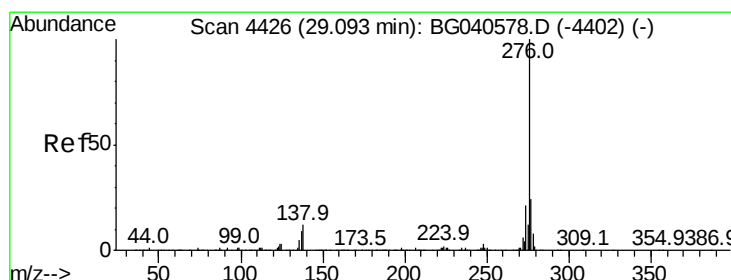
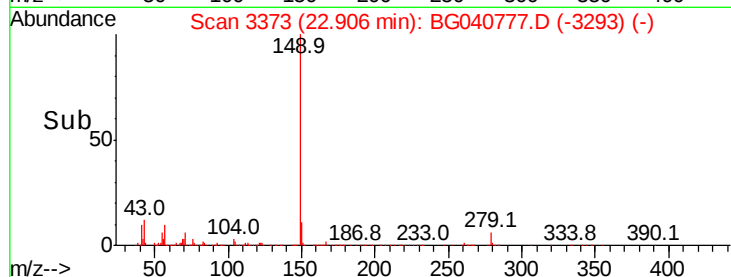


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



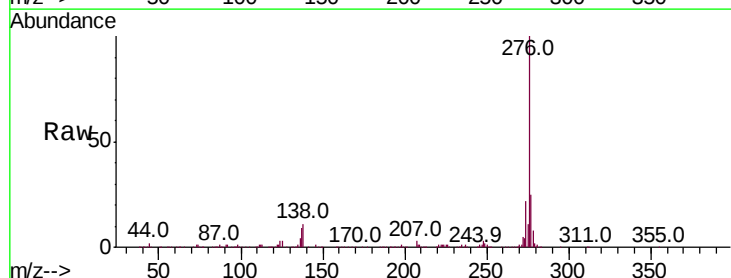
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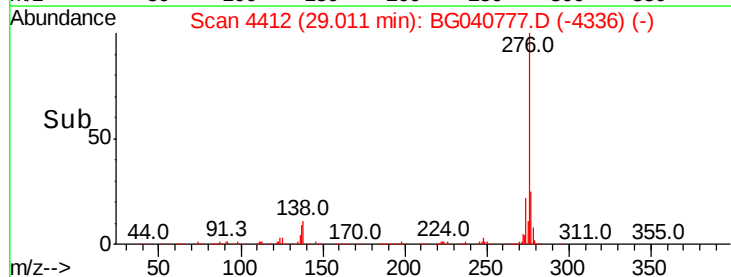
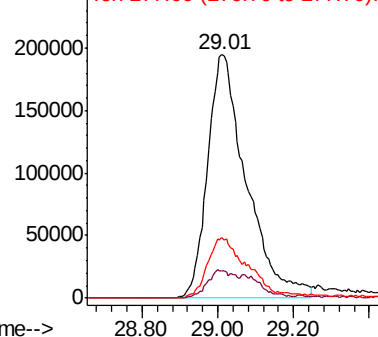


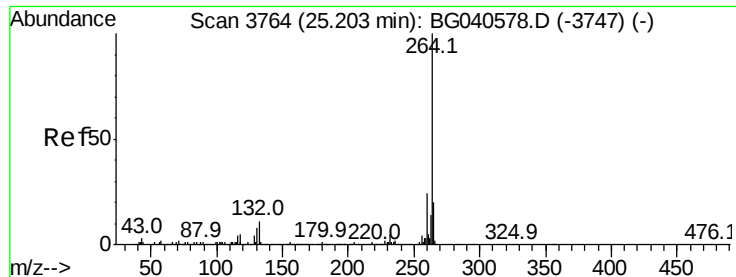
#86
Indeno(1,2,3-cd)pyrene
Concen: 54.861 ng
RT: 29.01 min Scan# 4412
Delta R.T. -0.08 min
Lab File: BG040777.D
Acq: 7 May 2019 19:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.4	9.8	14.6#
277	25.5	17.3	25.9



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



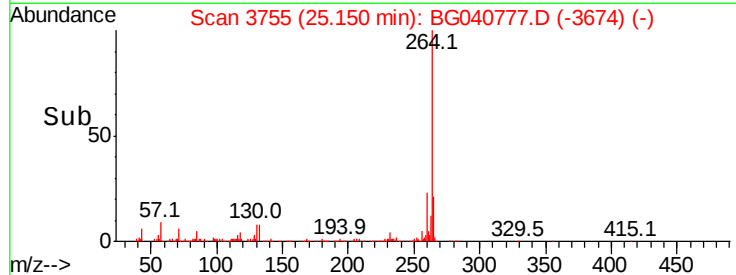
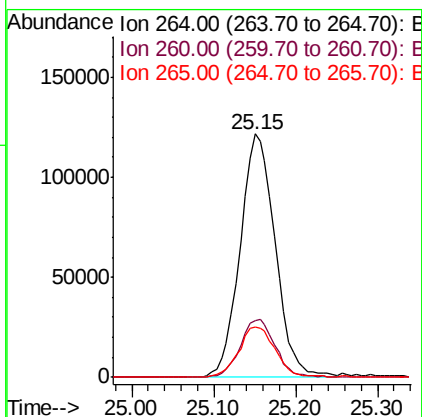
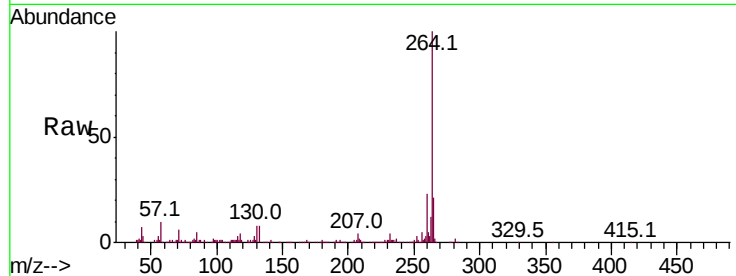


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.15 min Scan# 3755
Delta R.T. -0.05 min
Lab File: BG040777.D
Acq: 7 May 2019 19:46

Instrument :
BNA_G
ClientSampleId :
MW-4-20190502MSD

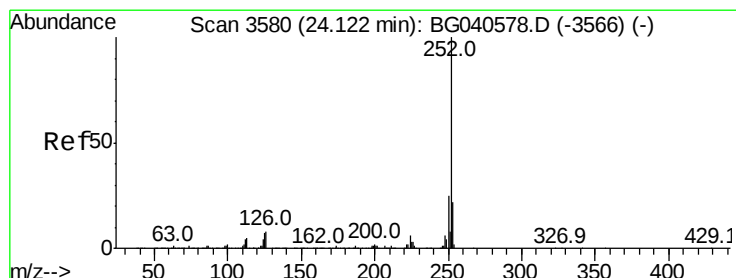
Tot Ion:	264	Resp:	363117
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.2	28.8
265	20.9	16.6	25.0

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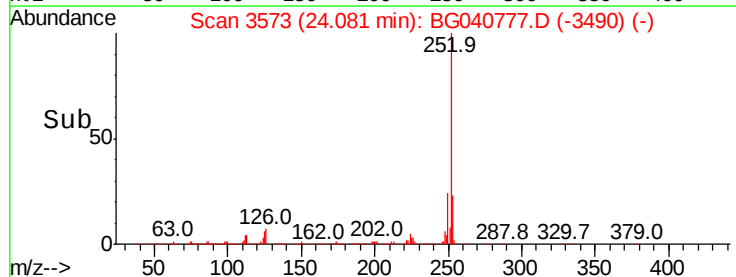
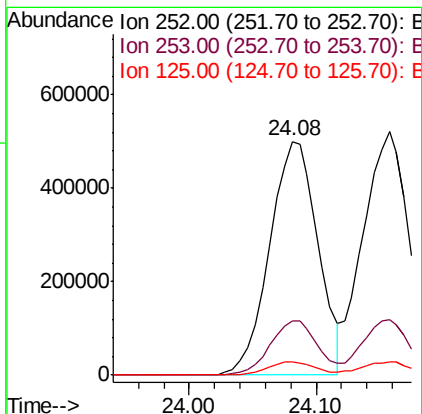
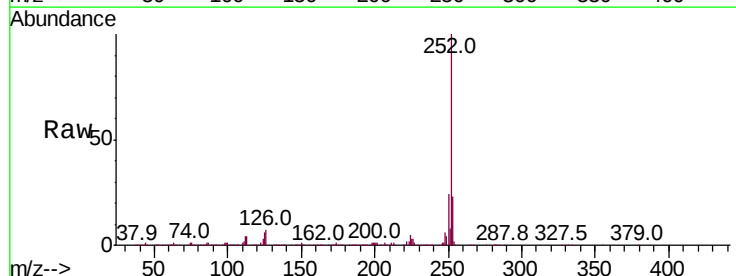
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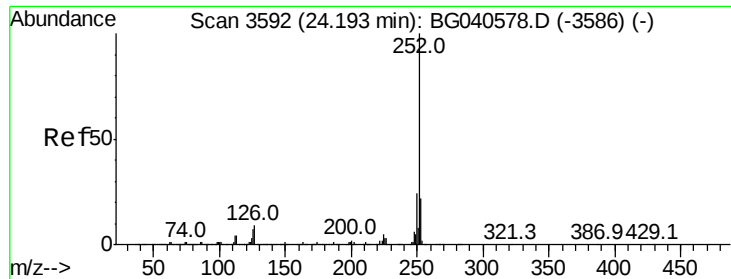
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#88
Benzo(b)fluoranthene
Concen: 59.546 ng
RT: 24.08 min Scan# 3573
Delta R.T. -0.04 min
Lab File: BG040777.D
Acq: 7 May 2019 19:46

Tgt Ion:	252	Resp:	1321310
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.6	26.4
125	5.5	5.4	8.0



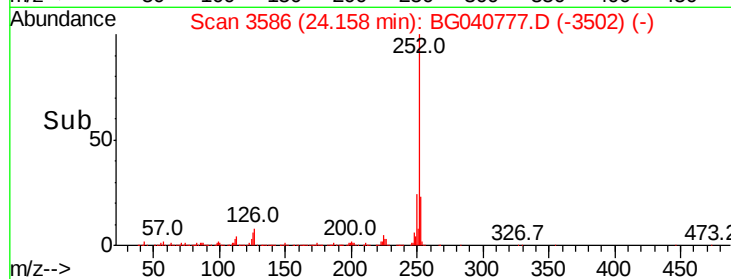
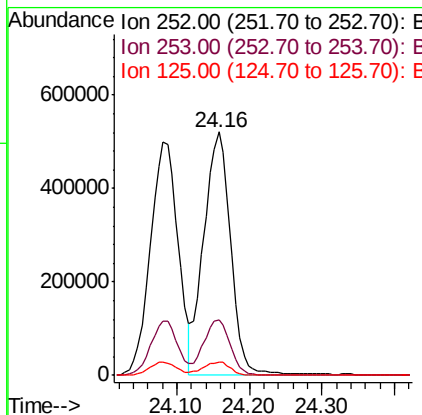
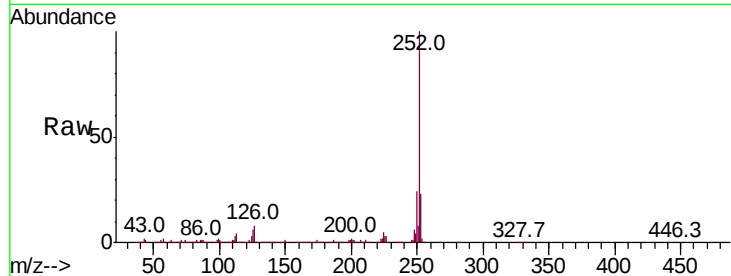


#89
Benzo(k)fluoranthene
Concen: 64.300 ng
RT: 24.16 min Scan# 3586
Delta R.T. -0.04 min
Lab File: BG040777.D
Acq: 7 May 2019 19:46

Instrument :
BNA_G
ClientSampleId :
MW-4-20190502MSD

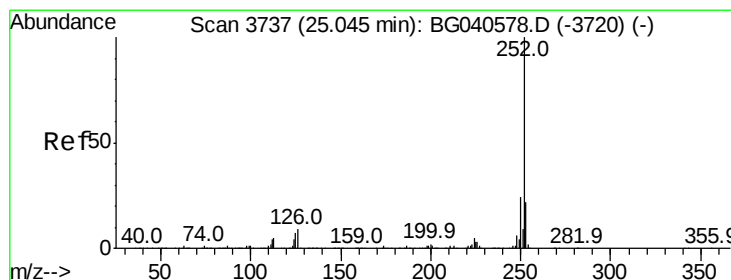
Tot Ion:252 Resp: 1332473
Ion Ratio Lower Upper
252 100
253 23.0 17.6 26.4
125 5.6 5.5 8.3

Manual Integrations
APPROVED



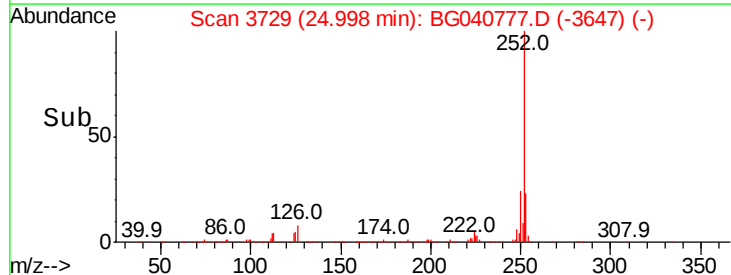
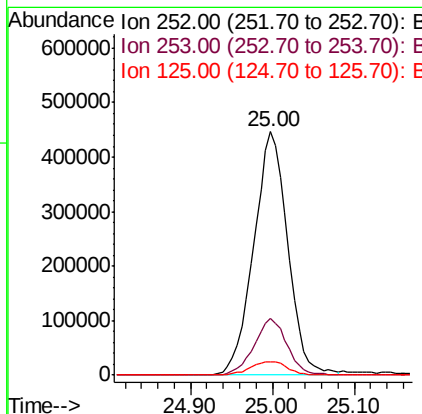
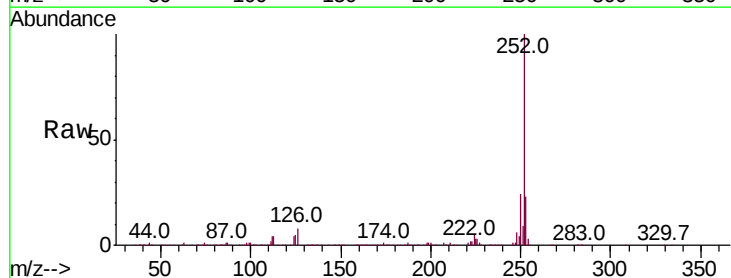
sohil

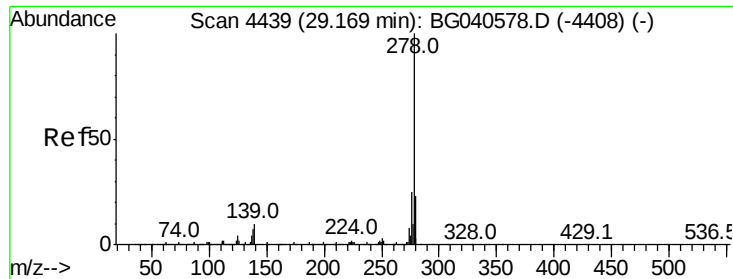
5/9/2019 6:28:58 PM



#90
Benzo(a)pyrene
Concen: 61.184 ng
RT: 25.00 min Scan# 3729
Delta R.T. -0.05 min
Lab File: BG040777.D
Acq: 7 May 2019 19:46

Tgt Ion:252 Resp: 1285114
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.6
125 5.3 5.7 8.5#



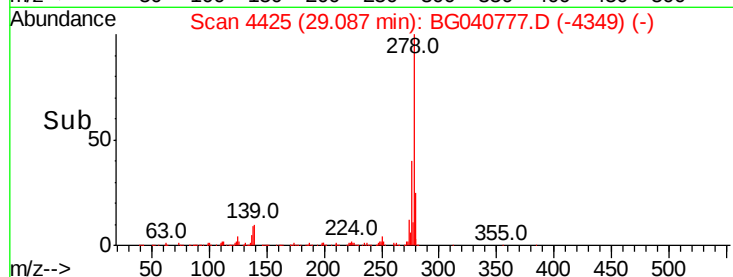
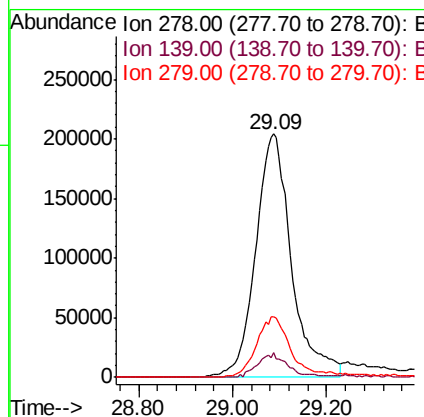
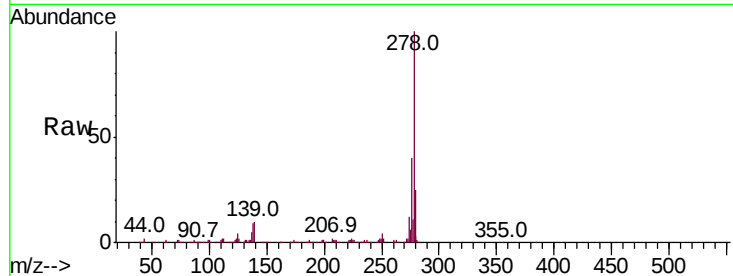


#91
Dibenzo(a,h)anthracene
Concen: 50.985 ng
RT: 29.09 min Scan# 4425
Delta R.T. -0.08 min
Lab File: BG040777.D
Acq: 7 May 2019 19:46

Instrument :
BNA_G
ClientSampleId :
MW-4-20190502MSD

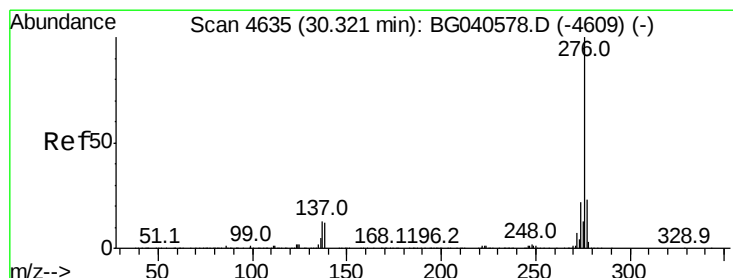
Tot	Ion:278	Resp:	1083712
Ion	Ratio	Lower	Upper
278	100		
139	9.9	8.2	12.4
279	24.7	18.5	27.7

Manual Integrations
APPROVED



sohil

5/9/2019 6:28:58 PM



#92
Benzo(g,h,i)perylene
Concen: 50.663 ng
RT: 30.22 min Scan# 4618
Delta R.T. -0.10 min
Lab File: BG040777.D
Acq: 7 May 2019 19:46

Tgt	Ion:276	Resp:	1071746
Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.4	27.6
138	12.3	9.8	14.6

