

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032819\
 Data File : BG040216.D
 Acq On : 29 Mar 2019 2:24
 Operator : JU/SJ
 Sample : K2107-02MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MS

Manual Integrations
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Sohil
 3/29/2019 4:45:41 PM

Quant Time: Mar 29 08:08:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	50814	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	206842	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	136088	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	351397	20.00	ng	0.00
76) Chrysene-d12	21.72	240	364881	20.00	ng	0.00
87) Perylene-d12	25.03	264	382737	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	373601	122.23	ng	0.00
7) Phenol-d6	7.22	99	476949	112.91	ng	0.00
23) Nitrobenzene-d5	9.25	82	342592	88.04	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	227315	154.56	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	771285	83.98	ng	0.00
79) Terphenyl-d14	20.04	244	1410693	86.98	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	47614	33.128	ng	# 1
3) Pyridine	3.93	79	111642	28.850	ng	99
4) n-Nitrosodimethylamine	3.85	42	59149	33.043	ng	# 84
6) Aniline	7.40	93	55975	10.199	ng	100
8) 2-Chlorophenol	7.63	128	143396	40.076	ng	98
9) Benzaldehyde	7.21	77	34753	11.993	ng	96
10) Phenol	7.25	94	160291	34.958	ng	97
11) bis(2-Chloroethyl)ether	7.49	93	141568	38.549	ng	98
12) 1,3-Dichlorobenzene	7.96	146	136996	35.221	ng	97
13) 1,4-Dichlorobenzene	8.11	146	138192	35.672	ng	99
14) 1,2-Dichlorobenzene	8.42	146	135471	36.568	ng	97
15) Benzyl Alcohol	8.31	79	127125	37.367	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	263993	37.456	ng	99
17) 2-Methylphenol	8.50	107	127620	40.223	ng	98
18) Hexachloroethane	9.15	117	49950	33.897	ng	97
19) n-Nitroso-di-n-propylamine	8.87	70	114844	37.918	ng	98
20) 3+4-Methylphenols	8.83	107	173972	40.475	ng	98
22) Acetophenone	8.90	105	223435	43.304	ng	# 98
24) Nitrobenzene	9.29	77	169177	41.983	ng	94
25) Isophorone	9.80	82	344581	43.036	ng	98
26) 2-Nitrophenol	10.00	139	77682	40.684	ng	95
27) 2,4-Dimethylphenol	10.04	122	148202	48.863	ng	97
28) bis(2-Chloroethoxy)methane	10.29	93	198872	41.982	ng	97
29) 2,4-Dichlorophenol	10.53	162	153516	46.632	ng	100
30) 1,2,4-Trichlorobenzene	10.74	180	142451	39.407	ng	95
31) Naphthalene	10.94	128	439794	41.482	ng	99
32) Benzoic acid	10.17	122	3829m	2.089	ng	
33) 4-Chloroaniline	11.05	127	10620	2.348	ng	# 89
34) Hexachlorobutadiene	11.20	225	85811	37.118	ng	91
35) Caprolactam	11.83	113	41994m	32.144	ng	
36) 4-Chloro-3-methylphenol	12.16	107	177515	46.904	ng	100
37) 2-Methylnaphthalene	12.54	142	334480	42.657	ng	99
38) 1-Methylnaphthalene	12.75	142	326519	42.943	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	168020	38.845	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	190368	80.157	nq	95
43) 2,4,6-Trichlorophenol	13.13	196	126666	45.421	nq	95
44) 2,4,5-Trichlorophenol	13.21	196	138216	45.472	nq	97
46) 1,1'-Biphenyl	13.53	154	445859	41.465	nq	98
47) 2-Chloronaphthalene	13.58	162	347873	42.177	nq	98
48) 2-Nitroaniline	13.79	65	122665	44.090	nq	98
49) Acenaphthylene	14.43	152	596387	42.647	nq	98
50) Dimethylphthalate	14.15	163	492545	46.245	nq	99
51) 2,6-Dinitrotoluene	14.28	165	111674	46.696	nq	99
52) Acenaphthene	14.77	154	346693	43.265	nq	98
53) 3-Nitroaniline	14.62	138	21549	8.512	nq	93
54) 2,4-Dinitrophenol	14.82	184	32829	25.812	nq	96
55) Dibenzofuran	15.10	168	572311	44.447	nq	99
56) 4-Nitrophenol	14.91	139	164862	80.692	nq	97
57) 2,4-Dinitrotoluene	15.07	165	158105	47.579	nq	98
58) Fluorene	15.74	166	456880	45.131	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	135209	49.019	nq	98
60) Diethylphthalate	15.50	149	526862	48.341	nq	99
61) 4-Chlorophenyl-phenylether	15.73	204	245262	45.324	nq	100
62) 4-Nitroaniline	15.78	138	113632	41.827	nq	98
63) Azobenzene	16.03	77	471741	45.887	nq	98
65) 4,6-Dinitro-2-methylphenol	15.83	198	40719	20.625	nq	98
66) n-Nitrosodiphenylamine	15.95	169	441459	42.932	nq	98
67) 4-Bromophenyl-phenylether	16.63	248	166637	42.139	nq	99
68) Hexachlorobenzene	16.74	284	167885	42.225	nq	98
69) Atrazine	16.89	200	170042	44.454	nq	98
70) Pentachlorophenol	17.09	266	163826	71.269	nq	98
71) Phenanthrene	17.49	178	827453	44.800	nq	99
72) Anthracene	17.58	178	843136	45.607	nq	100
73) Carbazole	17.85	167	800659	45.763	nq	99
74) Di-n-butylphthalate	18.39	149	966449	46.601	nq	99
75) Fluoranthene	19.49	202	1027895	46.998	nq	99
77) Benzidine	19.68	184	109655	8.322	nq	94
78) Pyrene	19.86	202	1043340	43.481	nq	98
80) Butylbenzylphthalate	20.73	149	446065	43.443	nq	96
81) Benzo(a)anthracene	21.71	228	958981	42.669	nq	99
82) 3,3'-Dichlorobenzidine	21.62	252	95945	11.222	nq	# 97
83) Chrysene	21.77	228	927810	42.955	nq	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	634275	43.214	nq	99
85) Di-n-octyl phthalate	22.80	149	1091464	43.647	nq	99
86) Indeno(1,2,3-cd)pyrene	28.82	276	1163739	44.052	nq	# 93
88) Benzo(b)fluoranthene	23.97	252	1030118	43.961	nq	99
89) Benzo(k)fluoranthene	24.04	252	985042	45.712	nq	99
90) Benzo(a)pyrene	24.87	252	998497	45.415	nq	99
91) Dibenzo(a,h)anthracene	28.88	278	953628	46.702	nq	100
92) Benzo(g,h,i)perylene	30.01	276	956311	45.571	nq	99

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

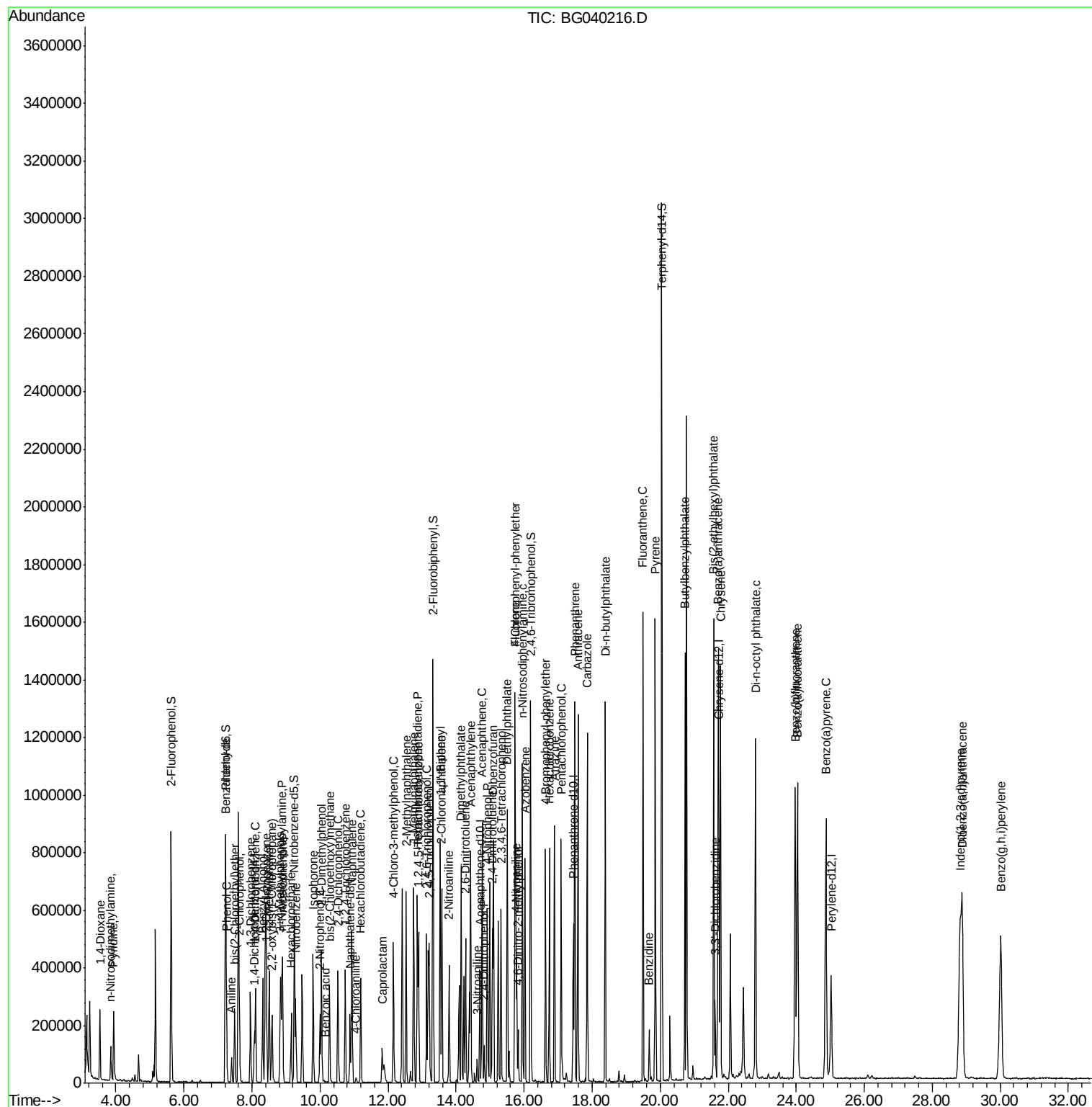
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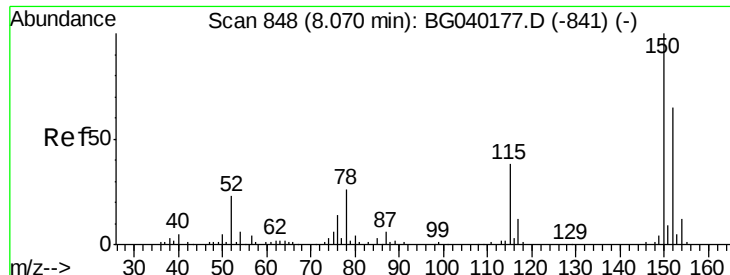
Instrument :
BNA_G
ClientSampled :
TP-1MS

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#1

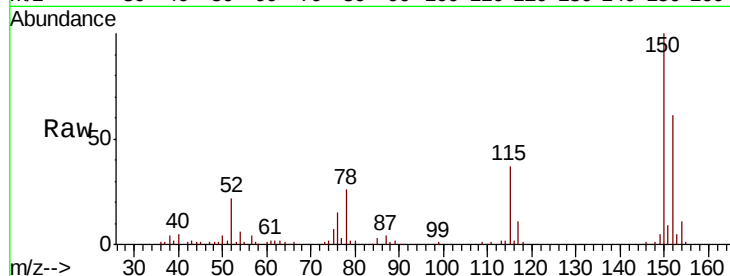
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. 0.00 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Instrument :
BNA_G
ClientSampled :
TP-1MS

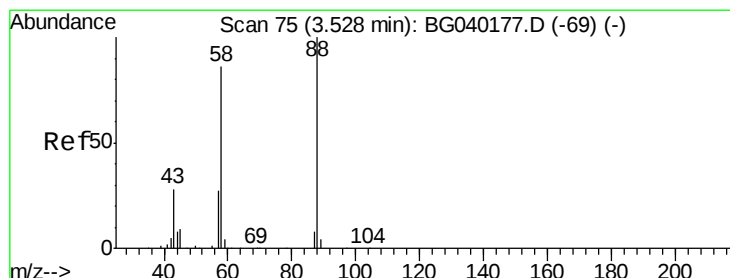
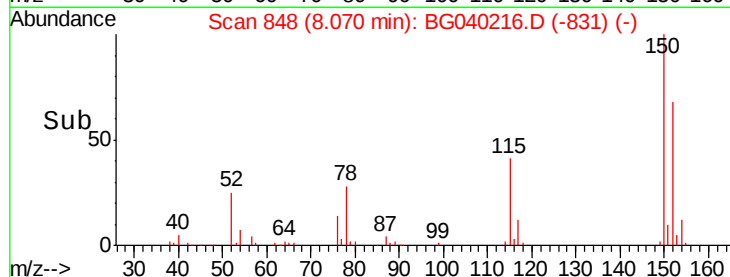
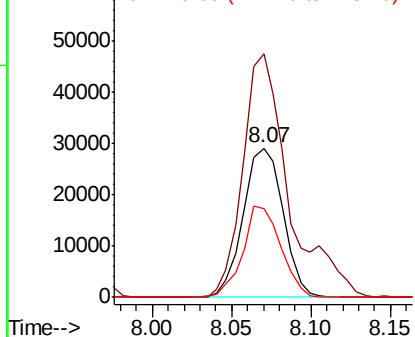
Tot Ion	Ratio	Lower	Upper
152	100		
150	163.5	123.7	185.5
115	60.0	46.9	70.3

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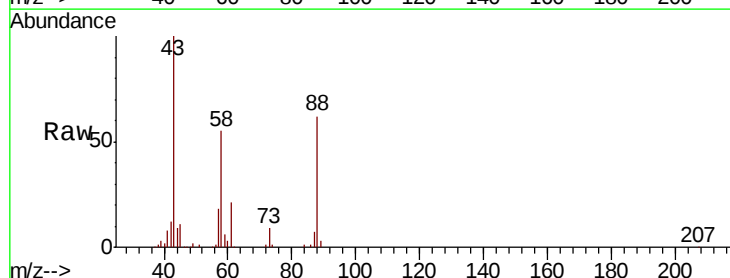
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



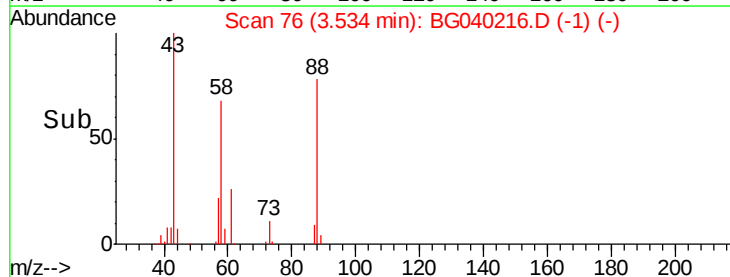
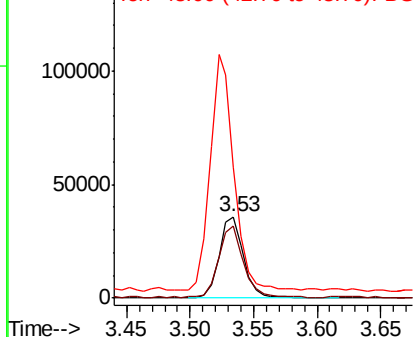
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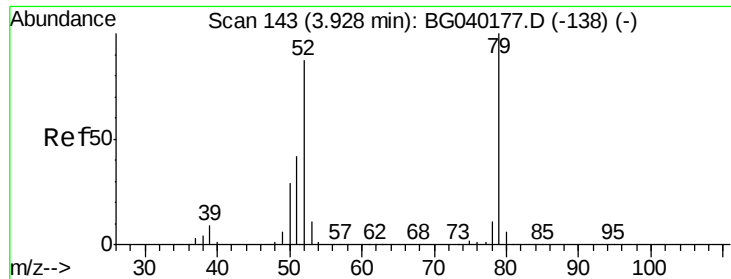
1,4-Dioxane
Concen: 33.128 ng
RT: 3.53 min Scan# 76
Delta R.T. 0.01 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.1	70.6	106.0
43	284.2	24.8	37.2#



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: 28.850 ng

RT: 3.93 min Scan# 144

Delta R.T. 0.01 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

Instrument :

BNA_G

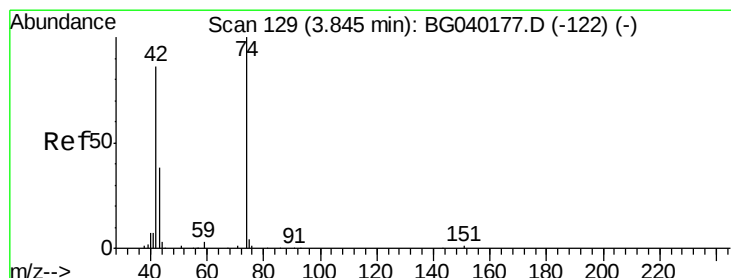
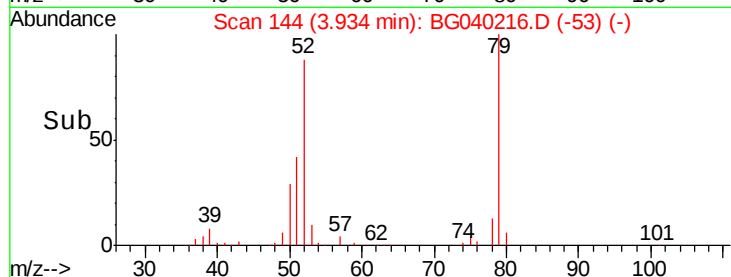
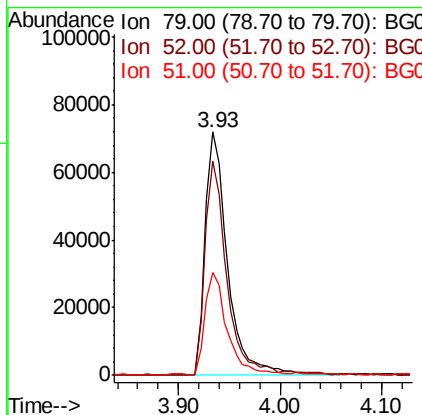
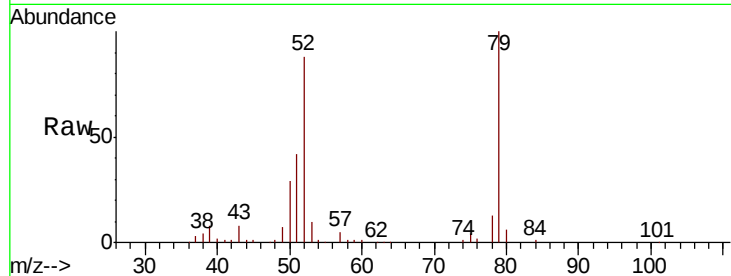
ClientSampled :

TP-1MS

Tot Ion:	79	Resp:	111642
Ion Ratio	Lower	Upper	
79	100		
52	87.9	69.8	104.8
51	42.2	33.9	50.9

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#4

n-Nitrosodimethylamine

Concen: 33.043 ng

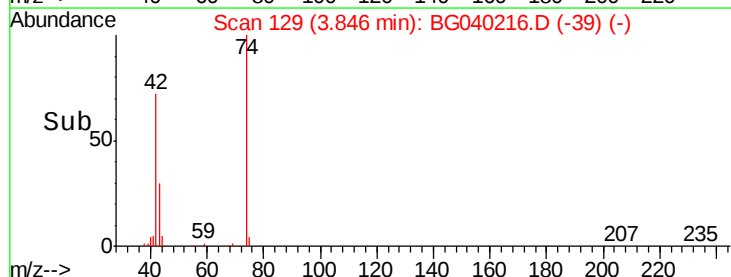
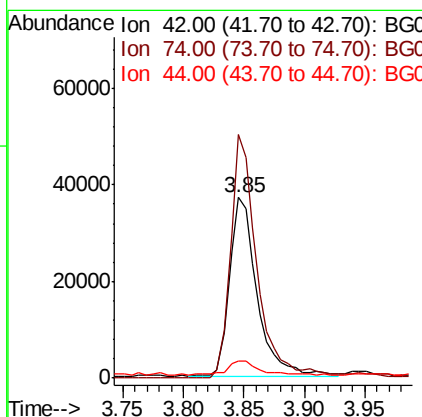
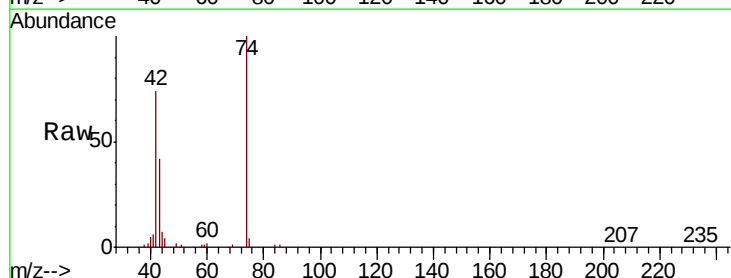
RT: 3.85 min Scan# 129

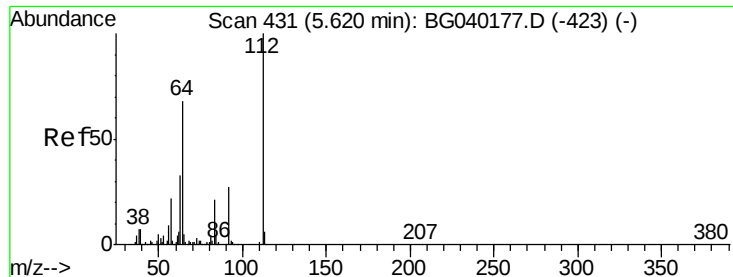
Delta R.T. 0.00 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

Tgt Ion:	42	Resp:	59149
Ion Ratio	Lower	Upper	
42	100		
74	135.0	92.9	139.3
44	9.5	9.7	14.5#





#5

2-Fluorophenol

Concen: 122.226 ng

RT: 5.63 min Scan# 432

Delta R.T. 0.01 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

Instrument :

BNA_G

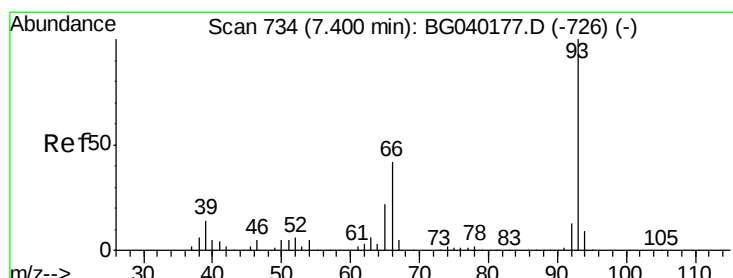
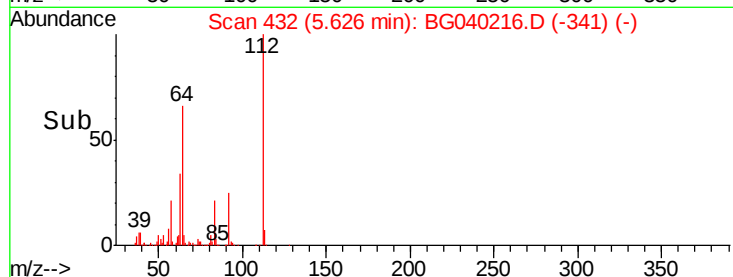
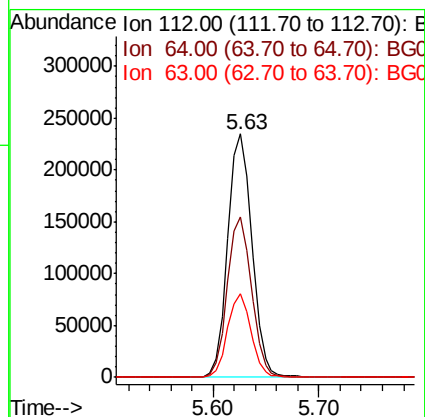
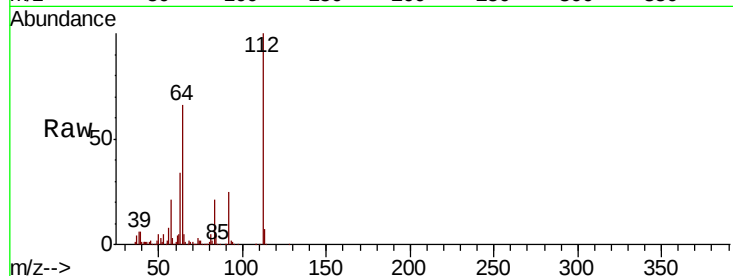
ClientSampleId :

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Tot Ion:	112	Resp:	373601
Ion Ratio	Lower	Upper	
112	100		
64	65.7	54.2	81.2
63	34.4	26.4	39.6

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#6

Aniline

Concen: 10.199 ng

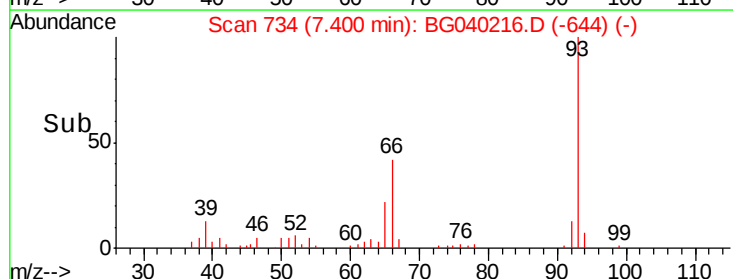
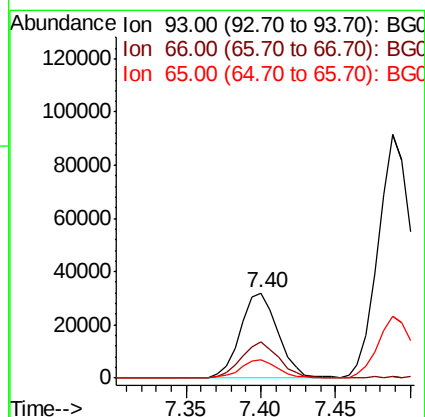
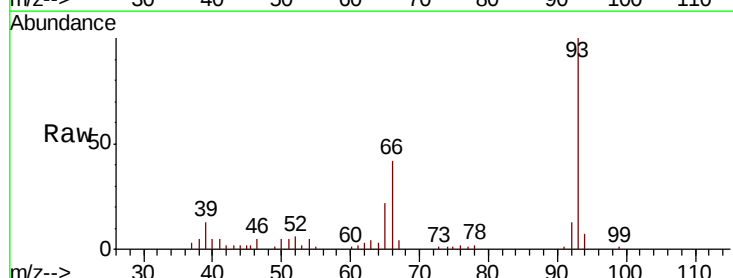
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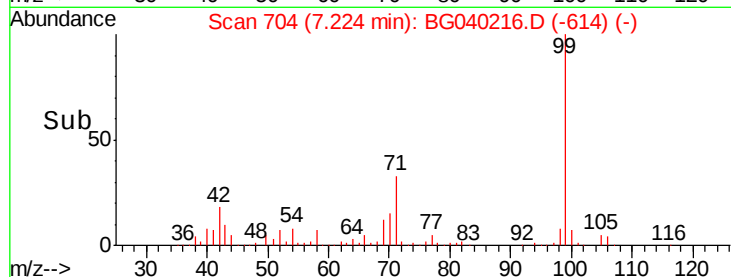
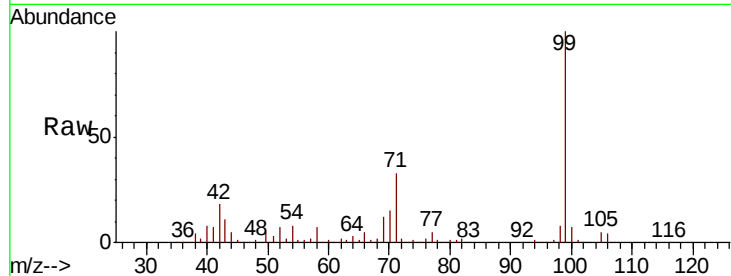
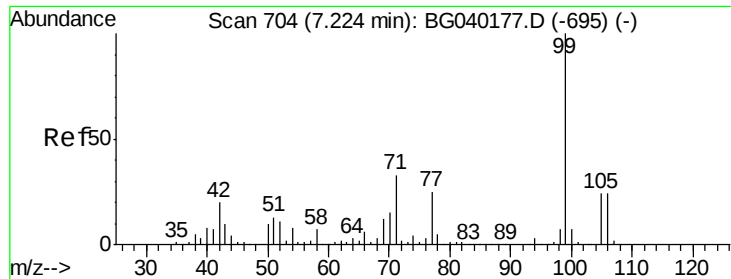
Delta R.T. 0.00 min

Lab File: BG040216.D

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Tgt Ion:	93	Resp:	55975
Ion Ratio	Lower	Upper	
93	100		
66	42.0	33.6	50.4
65	22.1	17.4	26.2





#7

Phenol-d6

Concen: 112.905 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

Tot Ion:	99	Resp:	476949
Ion Ratio	Lower	Upper	
99	100		
42	18.5	16.2	24.2
71	33.3	26.8	40.2

Instrument :

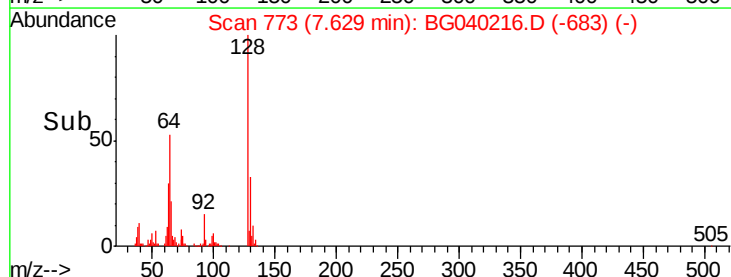
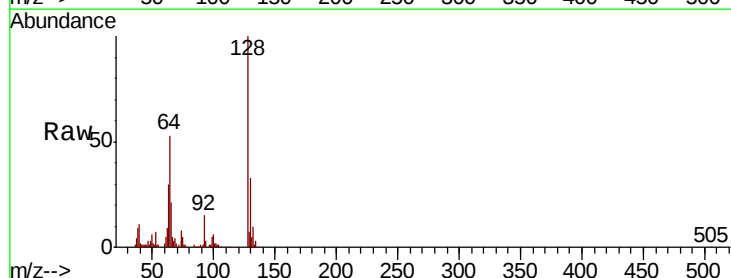
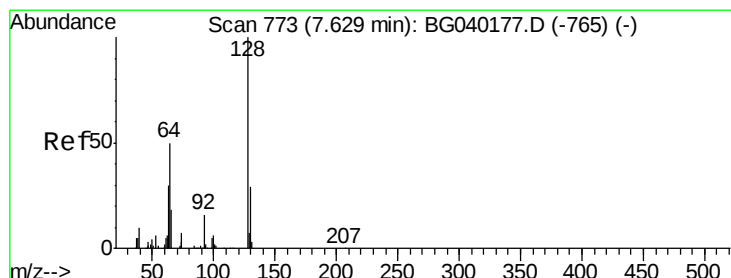
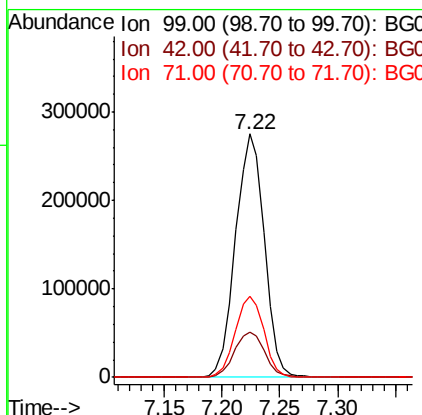
BNA_G

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TP-1MS

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#8

2-Chlorophenol

Concen: 40.076 ng

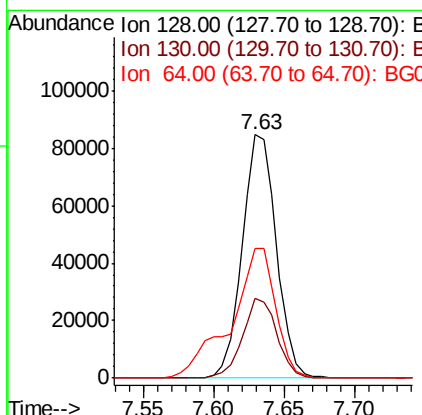
RT: 7.63 min Scan# 773

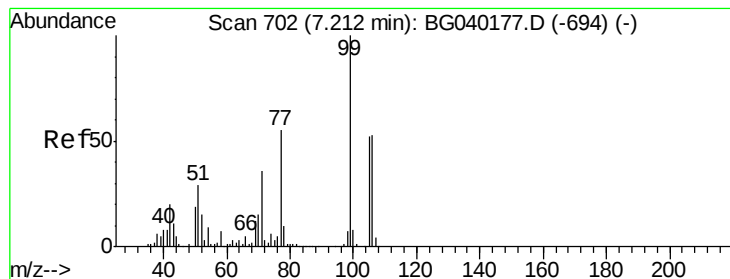
Delta R.T. 0.00 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

Tgt Ion:	128	Resp:	143396
Ion Ratio	Lower	Upper	
128	100		
130	32.6	9.1	49.1
64	53.1	33.1	73.1





#9

Benzaldehyde

Concen: 11.993 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

Instrument :

BNA_G

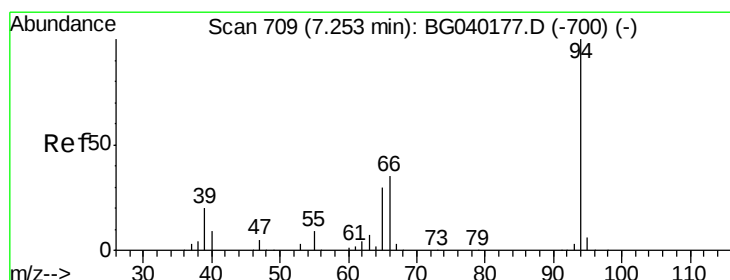
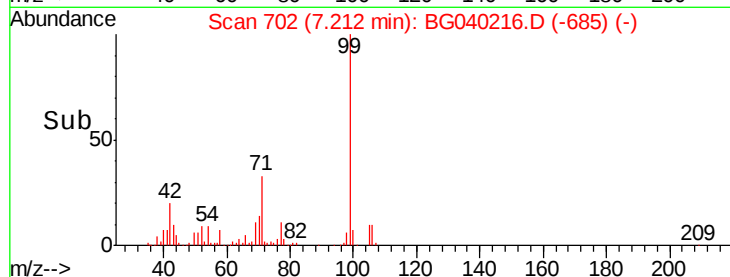
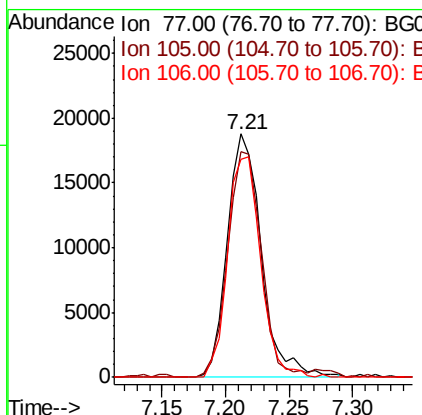
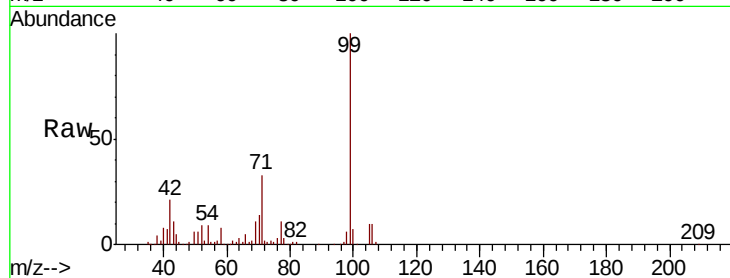
ClientSampled :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	92.6	75.0	115.0		
106	89.8	75.7	115.7		

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#10

Phenol

Concen: 34.958 ng

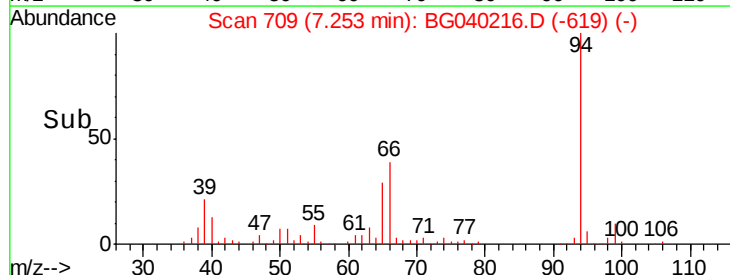
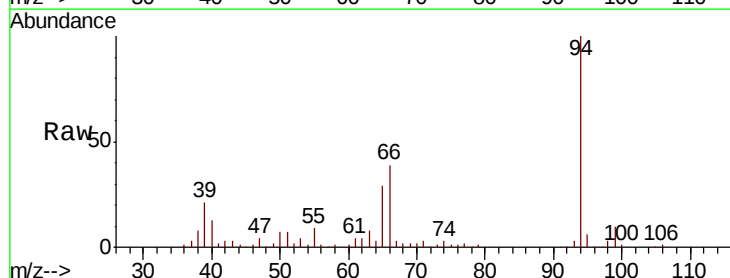
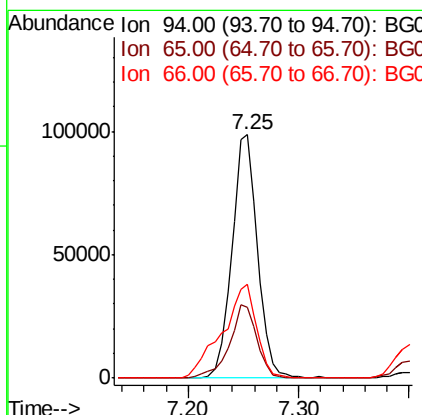
RT: 7.25 min Scan# 709

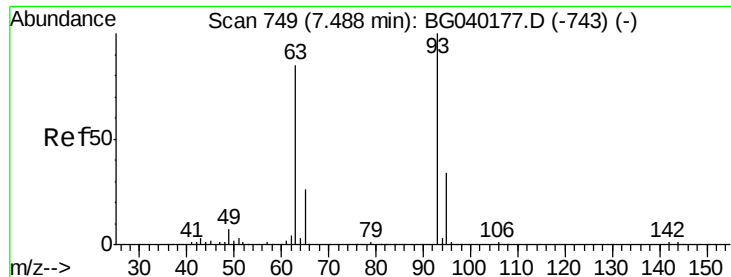
Delta R.T. 0.00 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	29.3	10.5	50.5		
66	38.6	16.9	56.9		





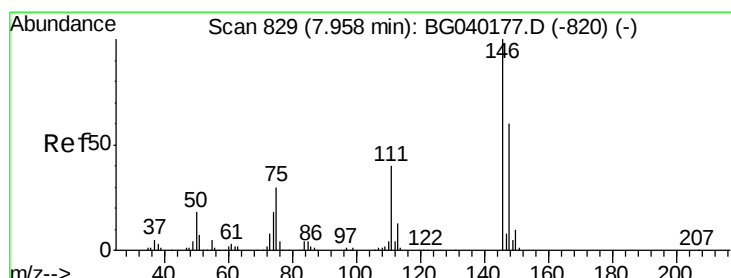
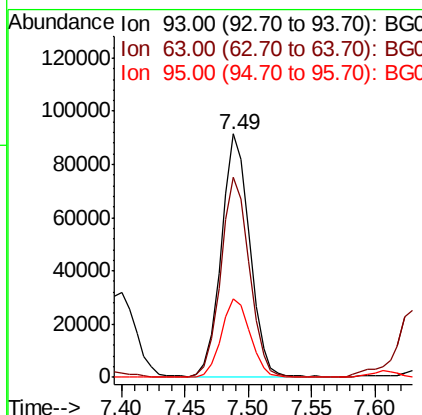
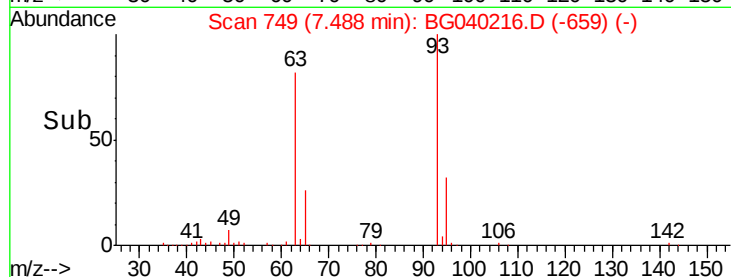
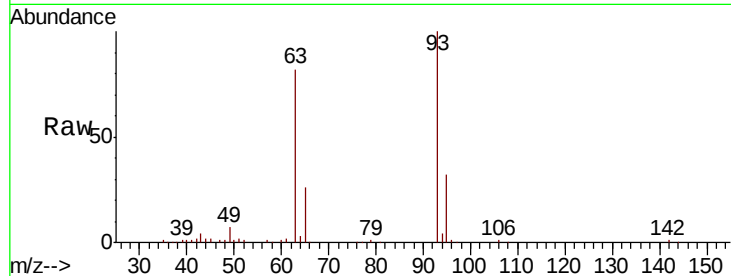
#11
bis(2-Chloroethyl)ether
Concen: 38.549 ng
RT: 7.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	82.4	64.2	104.2
95	32.0	14.0	54.0

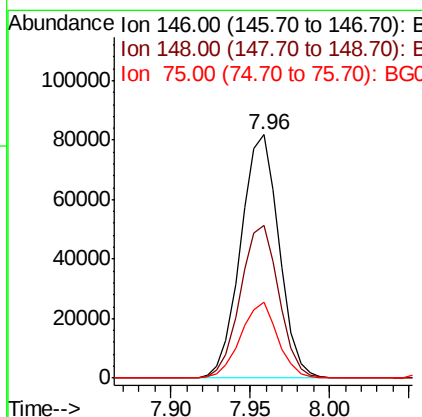
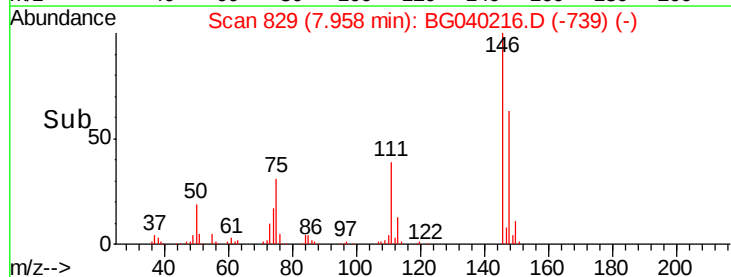
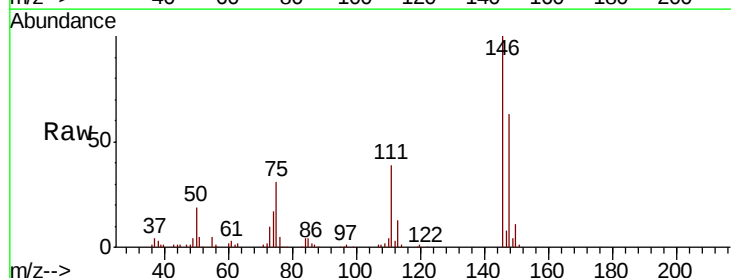
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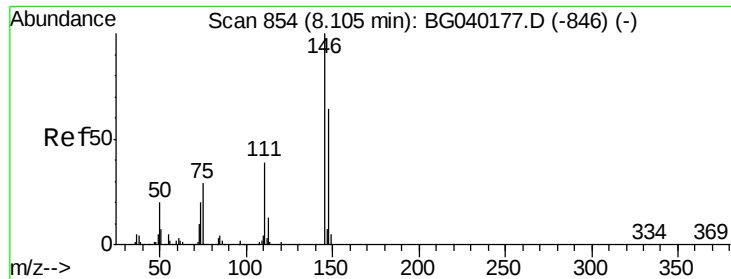
Sohil
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#12
1,3-Dichlorobenzene
Concen: 35.221 ng
RT: 7.96 min Scan# 829
Delta R.T. 0.00 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	48.2	72.2
75	31.4	24.1	36.1





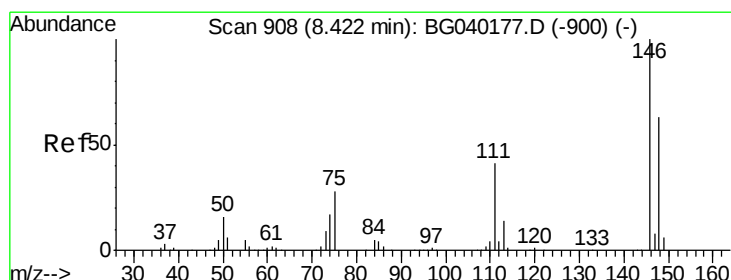
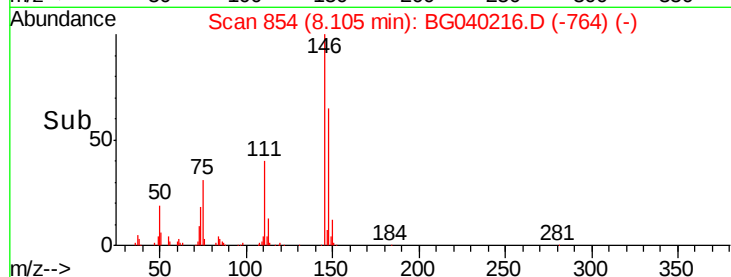
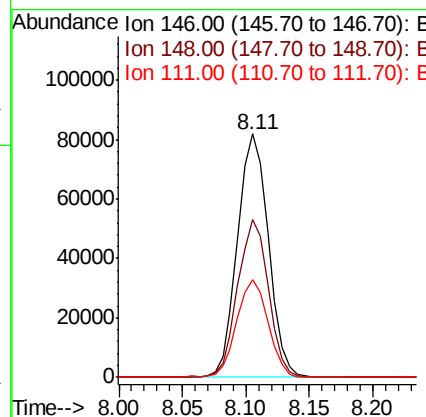
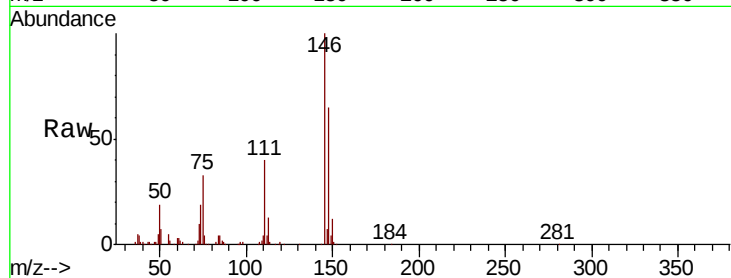
#13
 1,4-Dichlorobenzene
 Concen: 35.672 ng
 RT: 8.11 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: BG040216.D
 Acq: 29 Mar 2019 2:24

Instrument :
 BNA_G
 ClientSampled :
 TP-1MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.0	76.4
111	40.3	31.8	47.6

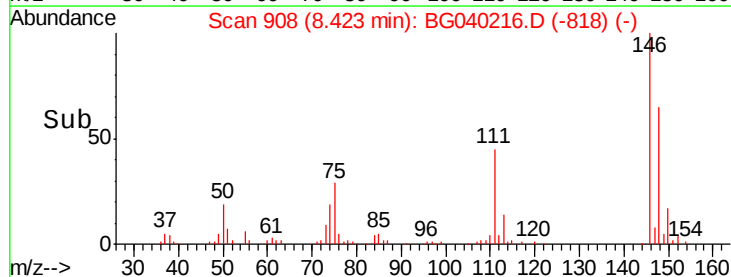
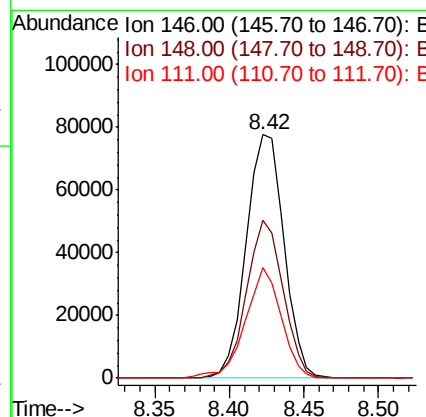
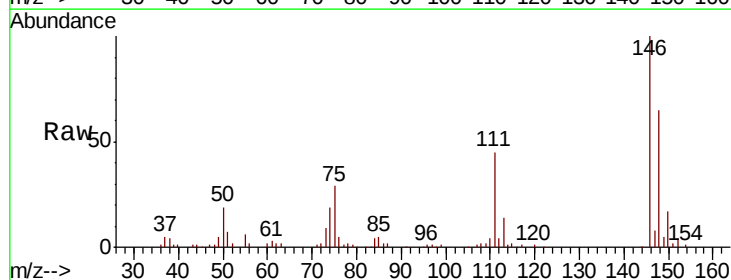
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#14
 1,2-Dichlorobenzene
 Concen: 36.568 ng
 RT: 8.42 min Scan# 908
 Delta R.T. 0.00 min
 Lab File: BG040216.D
 Acq: 29 Mar 2019 2:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.8	76.2
111	45.3	33.4	50.0





#15

Benzyl Alcohol

Concen: 37.367 ng

RT: 8.31 min Scan# 889

Delta R.T. 0.00 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

Instrument :

BNA_G

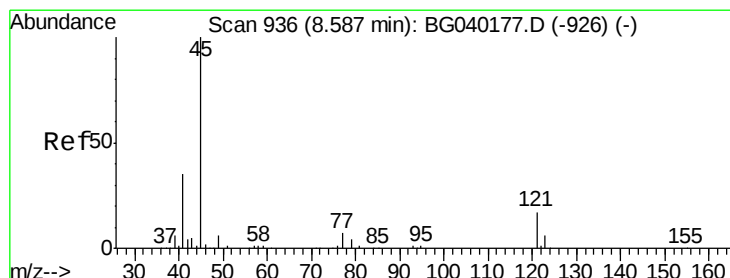
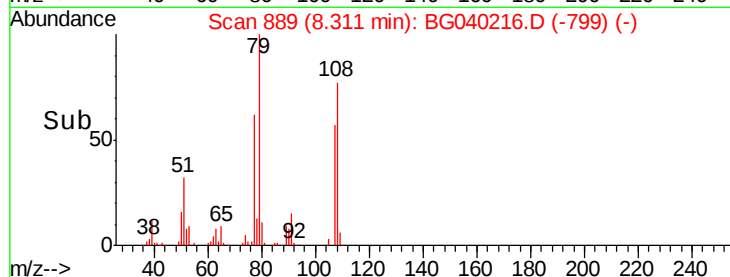
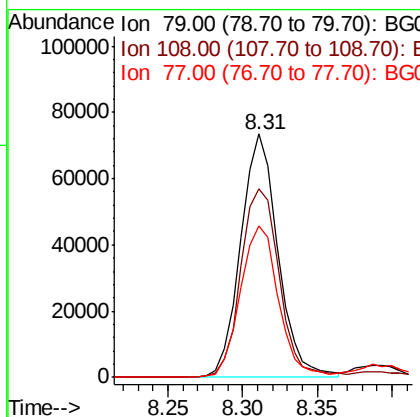
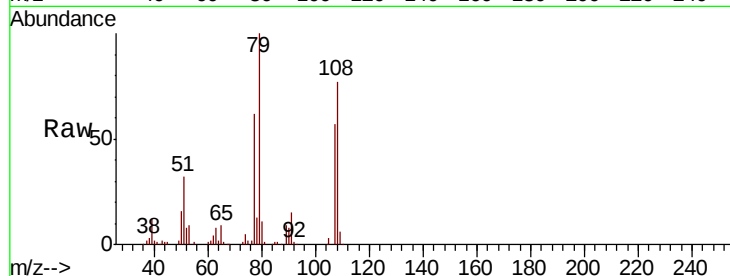
ClientSampled :

TP-1MS

Tot Ion:	79	Resp:	127125
Ion Ratio	Lower	Upper	
79	100		
108	77.3	62.1	93.1
77	62.3	51.9	77.9

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.456 ng

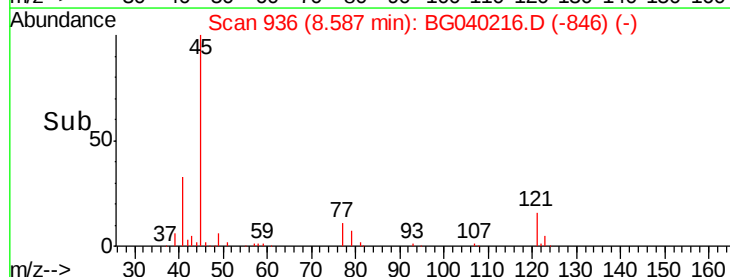
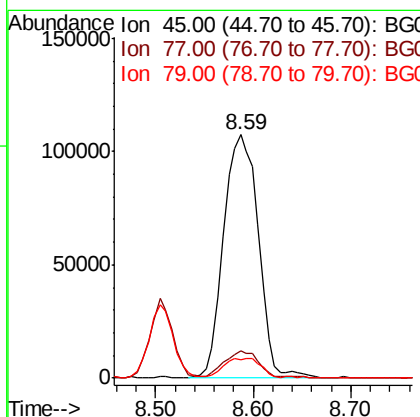
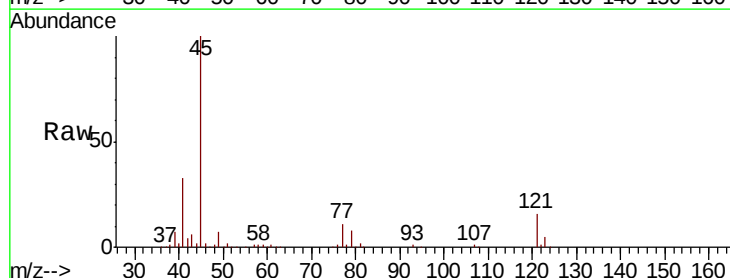
RT: 8.59 min Scan# 936

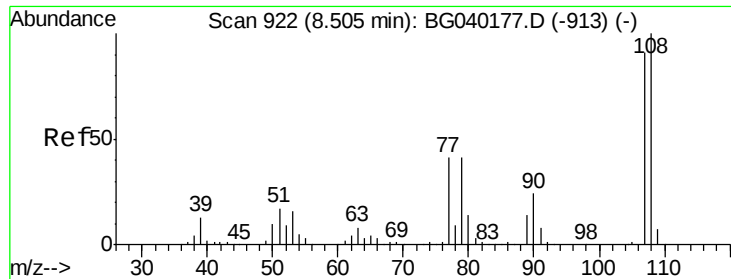
Delta R.T. 0.00 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

Tgt Ion:	45	Resp:	263993
Ion Ratio	Lower	Upper	
45	100		
77	11.0	0.0	31.4
79	7.5	0.0	28.3





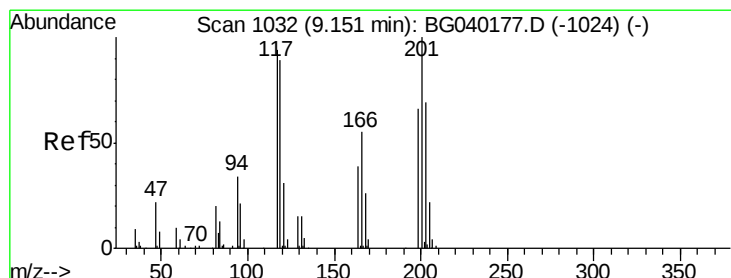
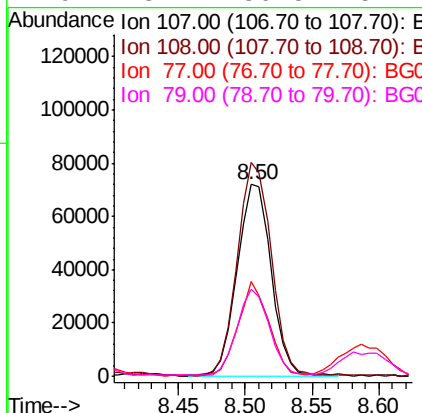
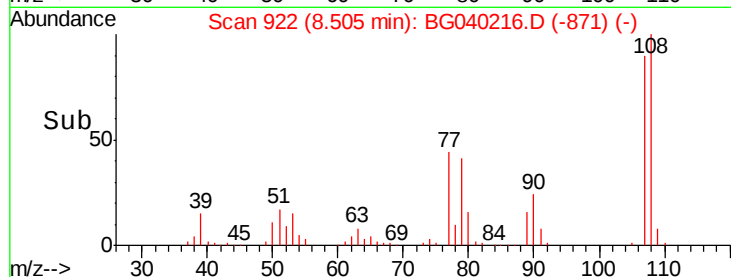
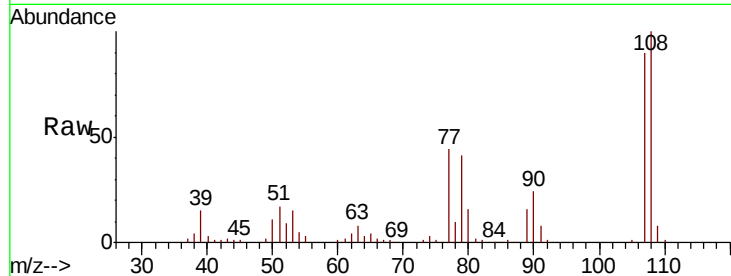
#17
2-Methylphenol
Concen: 40.223 ng
RT: 8.50 min Scan# 922
Delta R.T. 0.00 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.5	88.2	132.4	
77	49.2	36.6	55.0	
79	45.4	36.5	54.7	

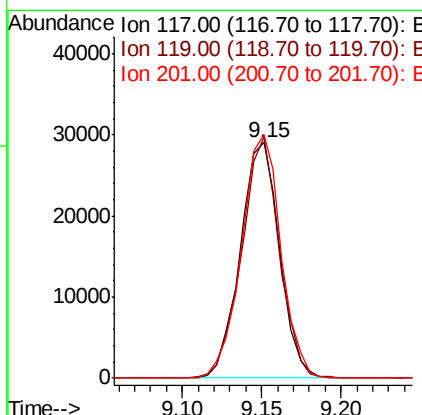
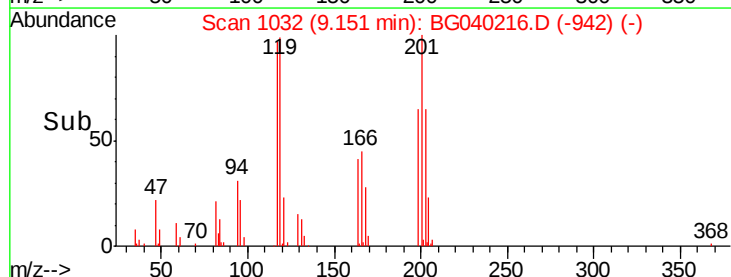
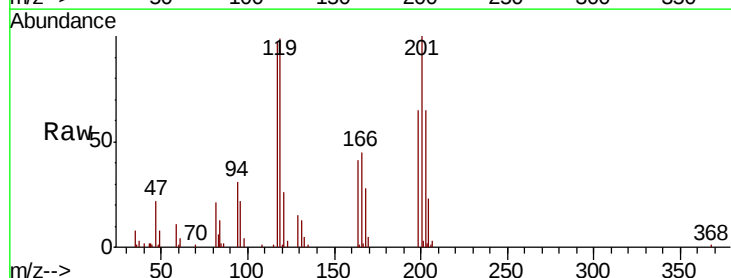
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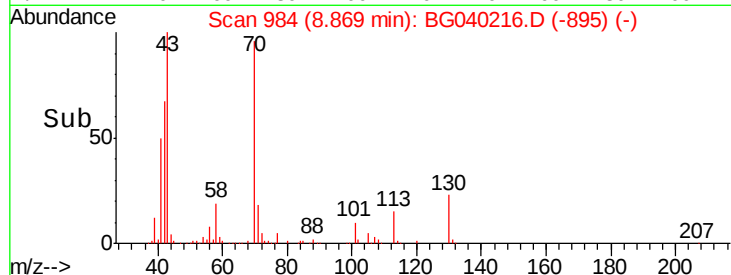
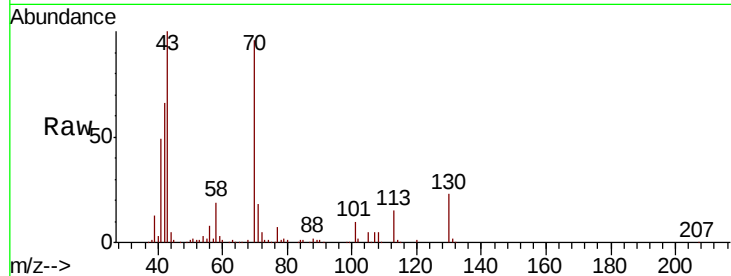
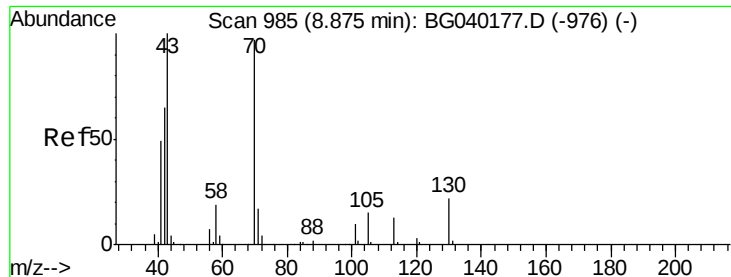
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#18
Hexachloroethane
Concen: 33.897 ng
RT: 9.15 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	102.6	76.6	115.0	
201	106.3	85.0	127.4	





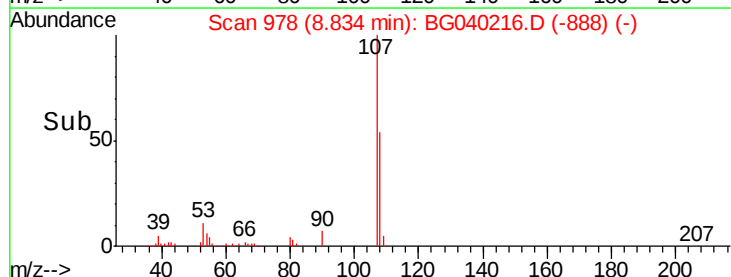
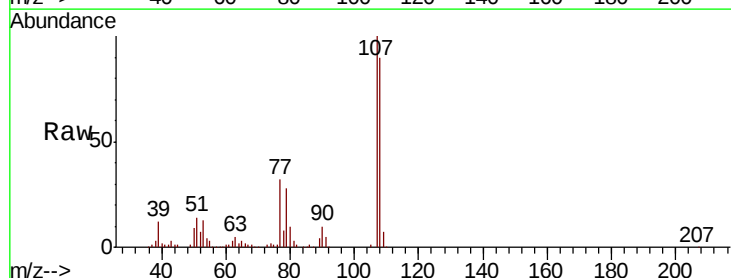
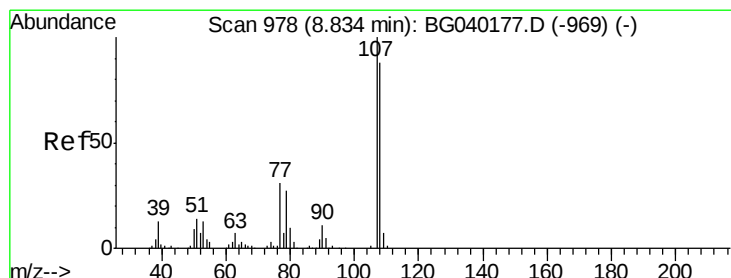
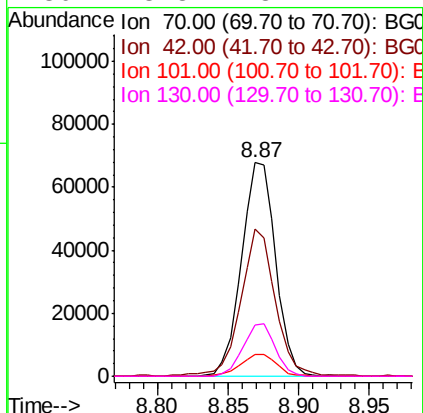
#19
n-Nitroso-di-n-propylamine
Concen: 37.918 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Instrument :
BNA_G
ClientSampled :
TP-1MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	69.2	54.0	81.0	
101	10.1	8.6	13.0	
130	23.8	18.2	27.2	

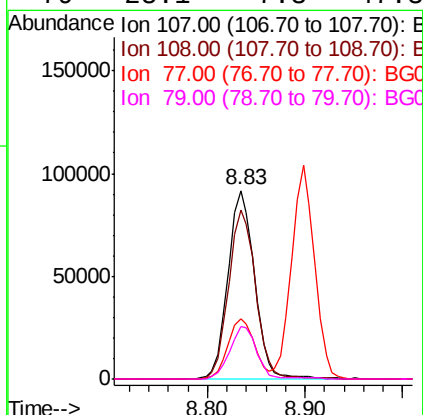
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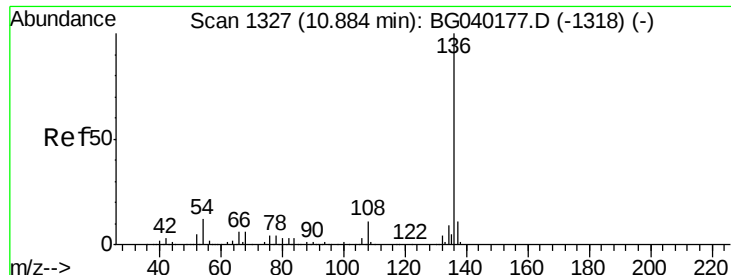
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#20
3+4-Methylphenols
Concen: 40.475 ng
RT: 8.83 min Scan# 978
Delta R.T. 0.00 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.0	68.3	108.3	
77	31.9	11.3	51.3	
79	28.1	7.3	47.3	





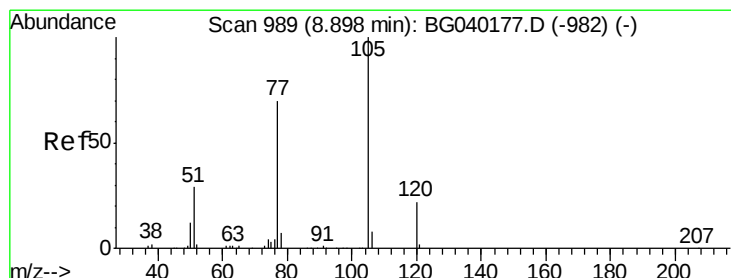
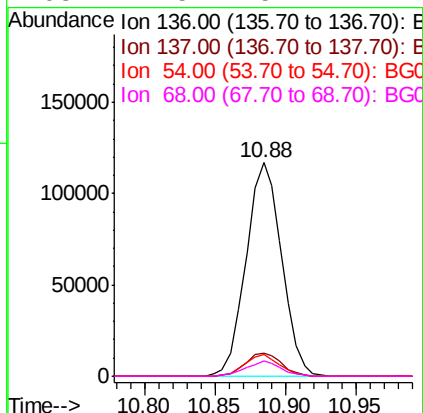
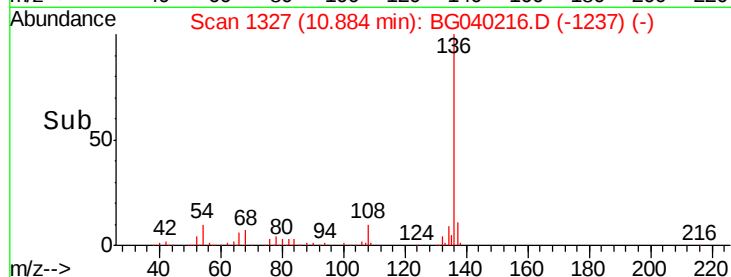
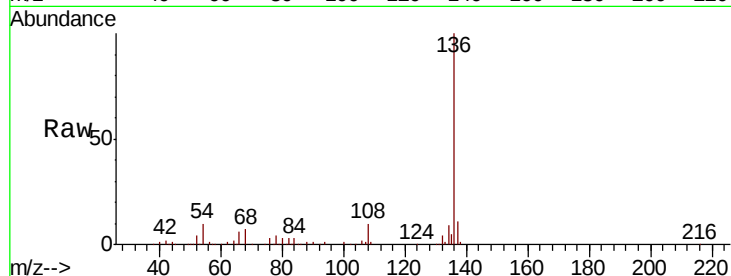
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Instrument :
BNA_G
ClientSampled :
TP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.9	13.3	
54	10.0	9.6	14.4	
68	7.5	5.1	7.7	

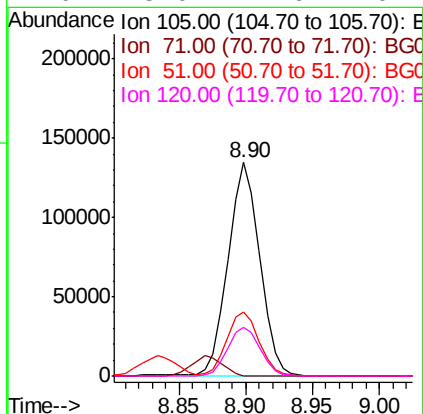
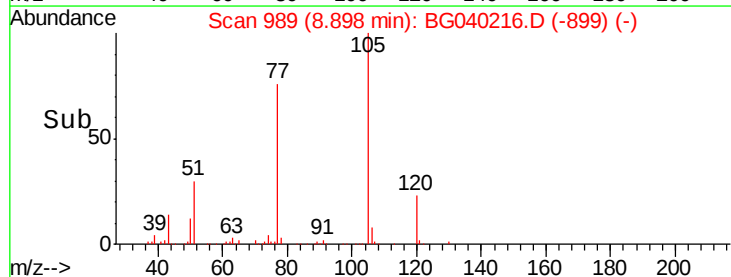
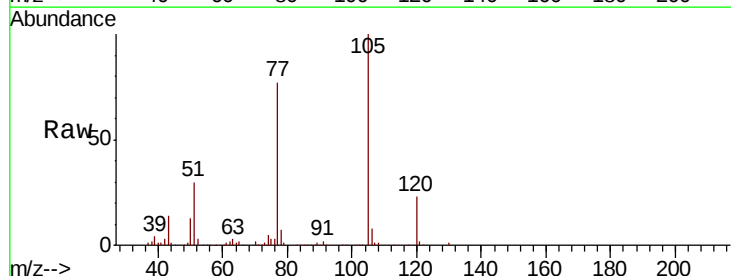
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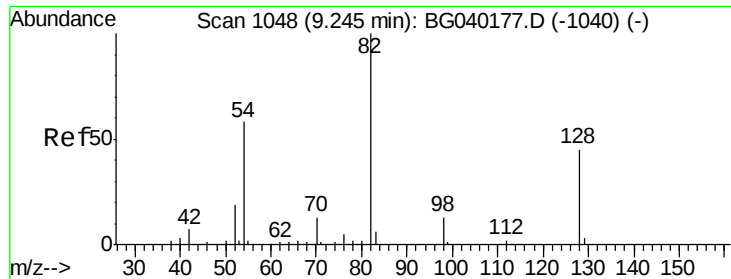
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#22
Acetophenone
Concen: 43.304 ng
RT: 8.90 min Scan# 989
Delta R.T. 0.00 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.3	0.6	1.0#	
51	30.1	25.1	37.7	
120	23.0	17.6	26.4	





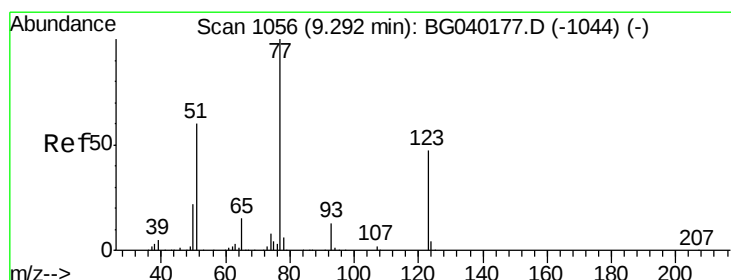
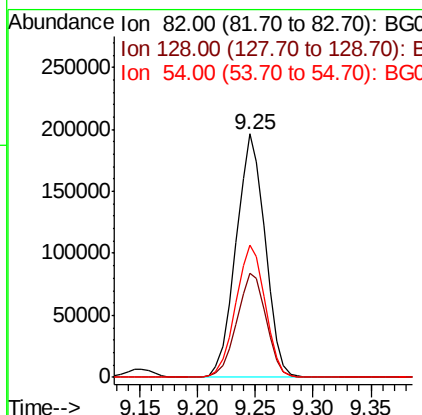
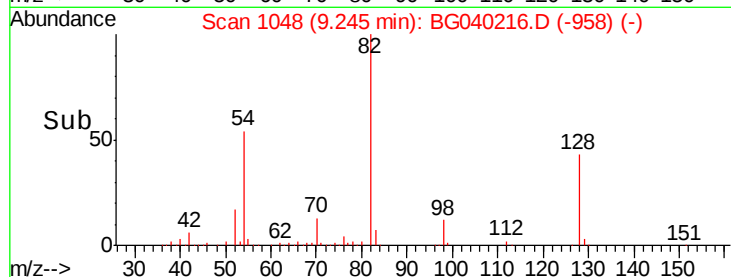
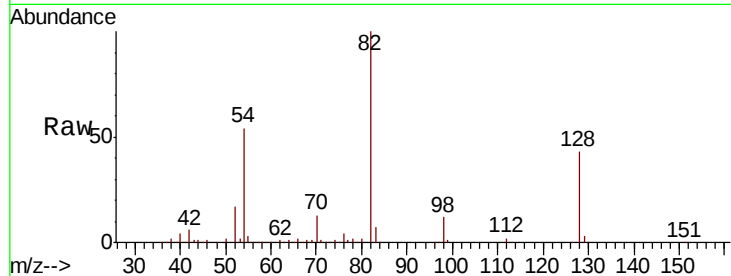
#23
Nitrobenzene-d5
Concen: 88.038 ng
RT: 9.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Instrument :
BNA_G
ClientSampled :
TP-1MS

Tot Ion	82	Resp	342592
Ion Ratio	100	Lower	Upper
82	100		
128	43.0	35.8	53.8
54	54.3	46.2	69.2

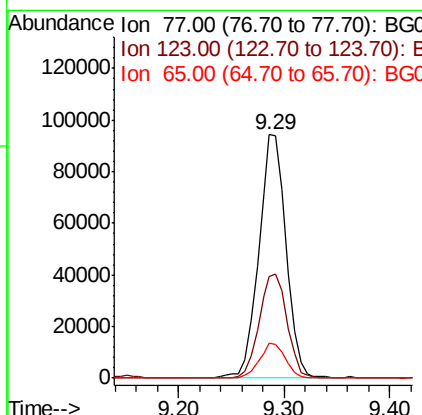
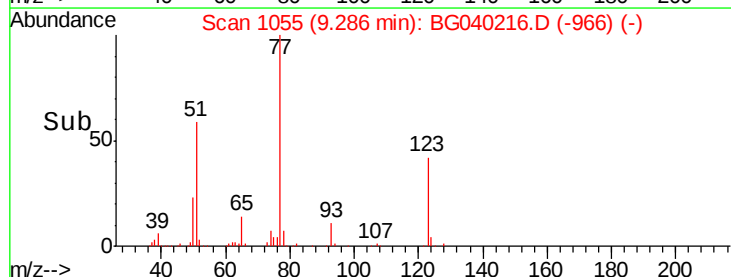
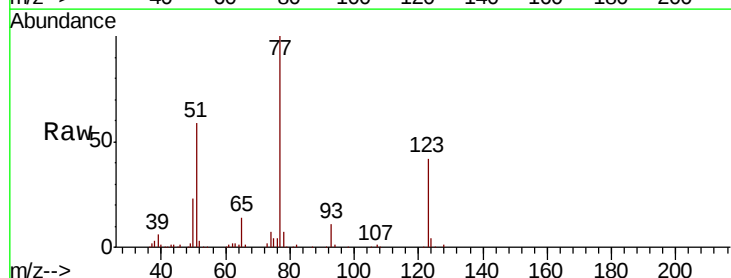
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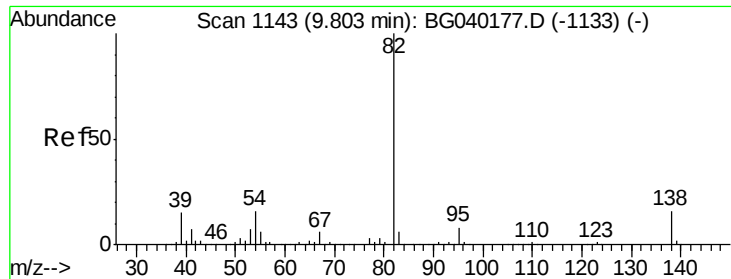
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#24
Nitrobenzene
Concen: 41.983 ng
RT: 9.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Tgt Ion	77	Resp	169177
Ion Ratio	100	Lower	Upper
77	100		
123	41.8	37.8	56.6
65	14.4	12.0	18.0





#25

Isophorone

Concen: 43.036 ng

RT: 9.80 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

Instrument :

BNA_G

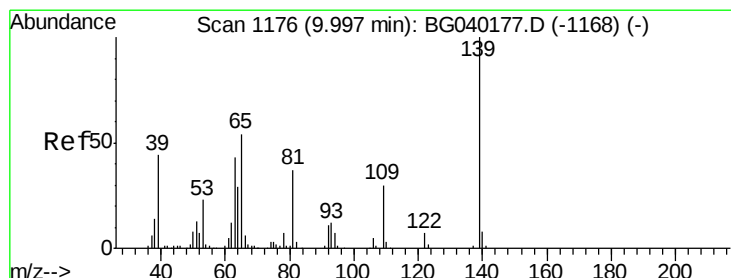
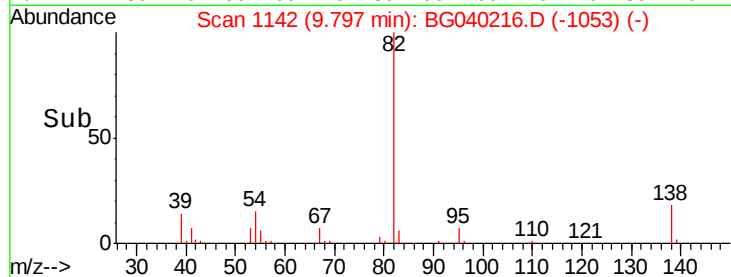
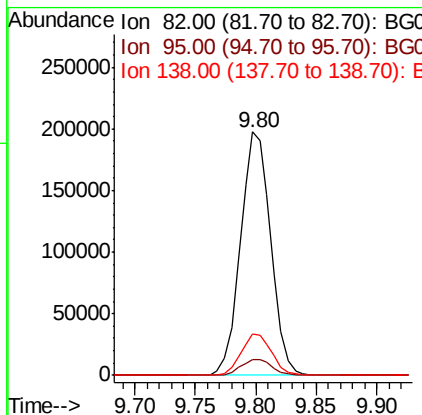
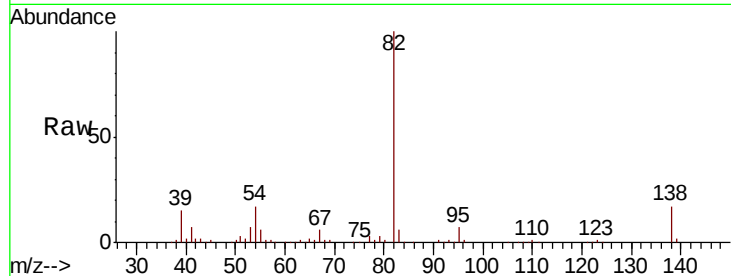
ClientSampled :

TP-1MS

Tot Ion:	82	Resp:	344581
Ion Ratio	Lower	Upper	
82	100		
95	6.5	6.1	9.1
138	17.2	13.2	19.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.684 ng

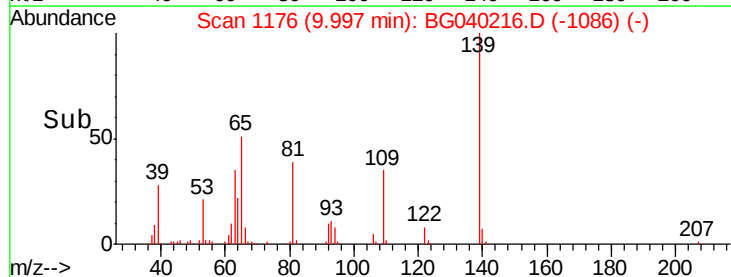
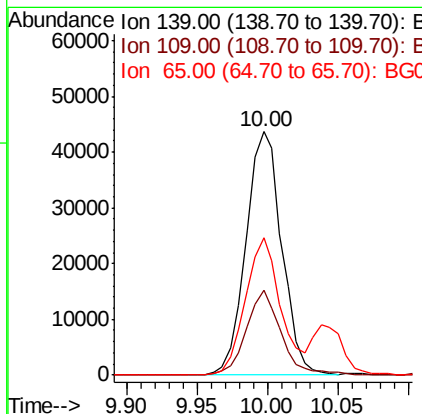
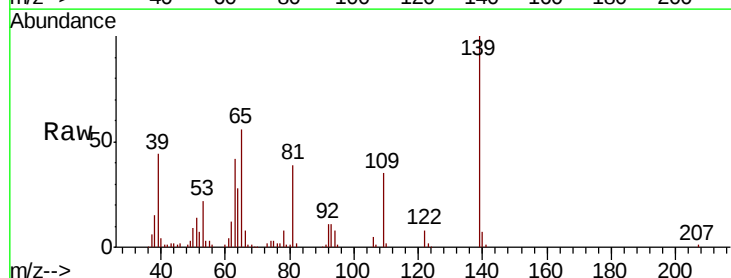
RT: 10.00 min Scan# 1176

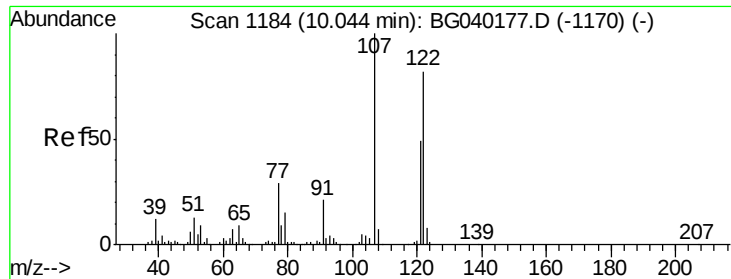
Delta R.T. 0.00 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

Tgt Ion:	139	Resp:	77682
Ion Ratio	Lower	Upper	
139	100		
109	34.7	24.1	36.1
65	56.5	43.0	64.6





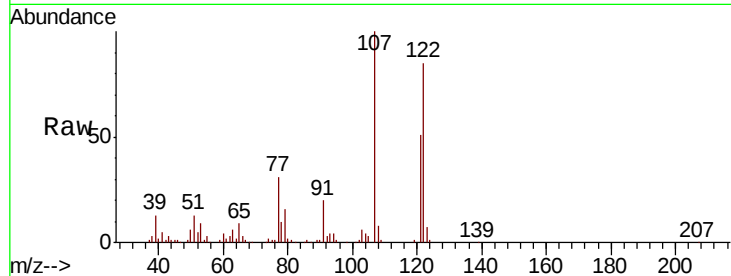
#27
2,4-Dimethylphenol
Concen: 48.863 ng
RT: 10.04 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Instrument :
BNA_G
ClientSampled :
TP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	148202		
107	118.0	97.4	146.2	
121	60.2	47.7	71.5	

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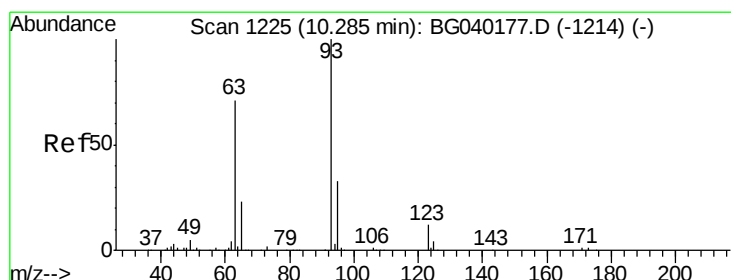
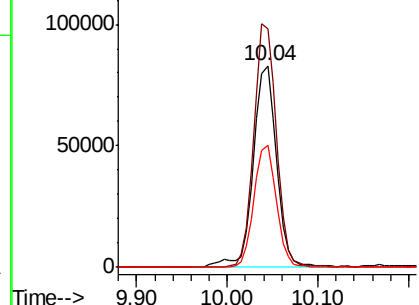
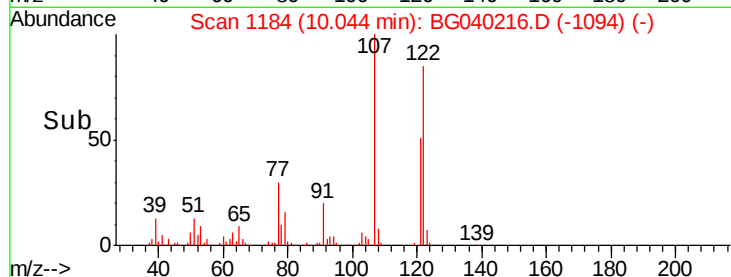


Abundance

Ion 122.00 (121.70 to 122.70): E

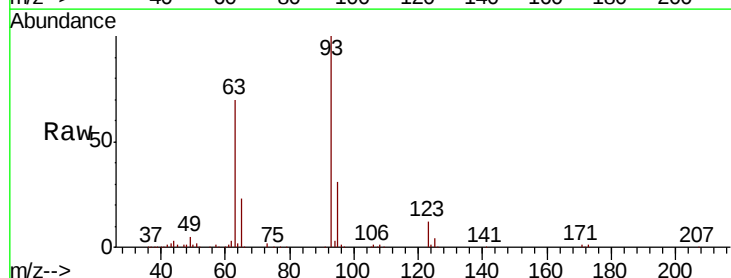
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 41.982 ng
RT: 10.29 min Scan# 1225
Delta R.T. 0.00 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	198872		
95	30.8	26.2	39.4	
123	11.7	9.4	14.0	

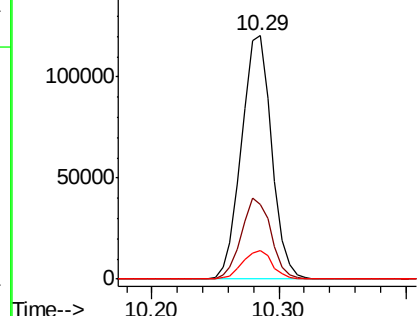
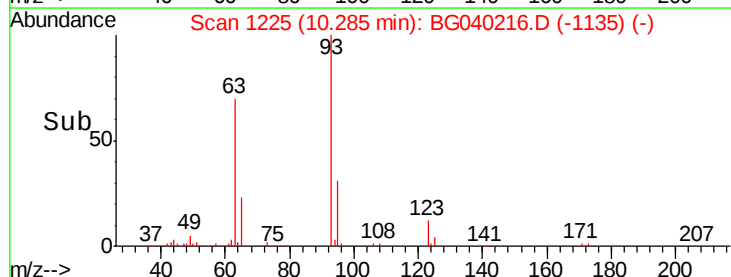


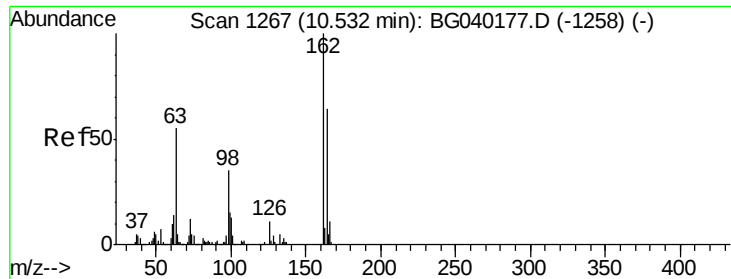
Abundance

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





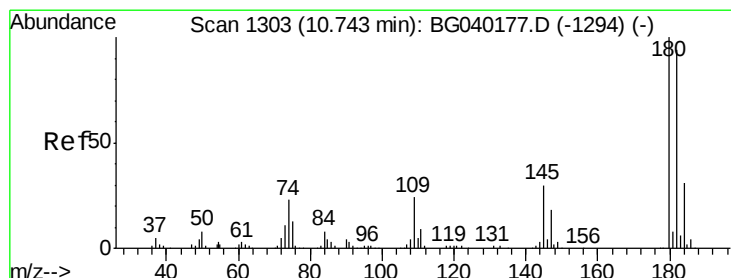
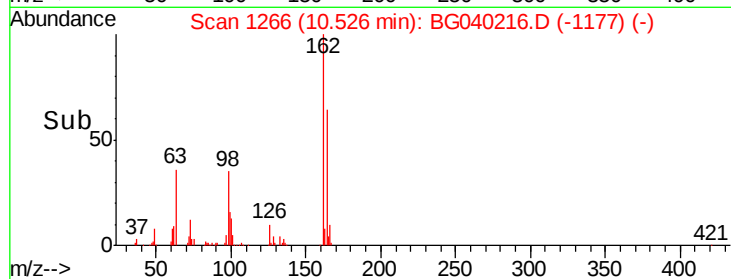
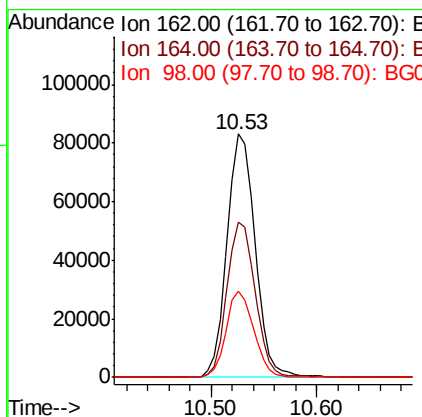
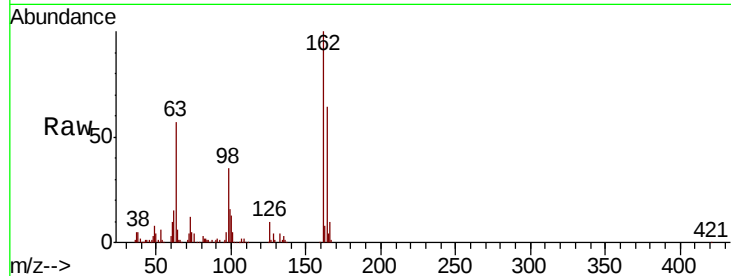
#29
2,4-Dichlorophenol
Concen: 46.632 ng
RT: 10.53 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Instrument :
BNA_G
ClientSampled :
TP-1MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.5	43.9	83.9
98	35.5	15.6	55.6

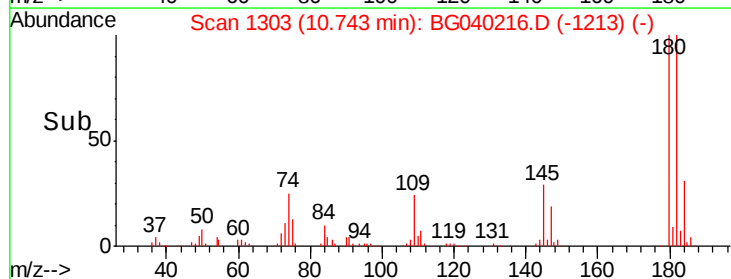
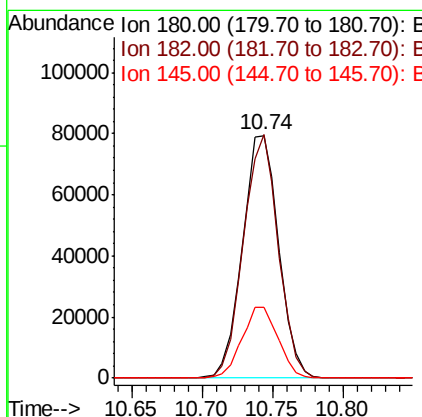
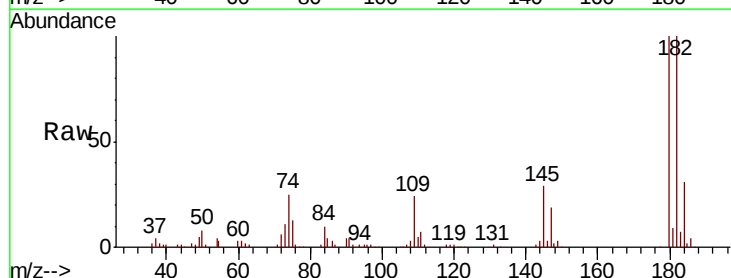
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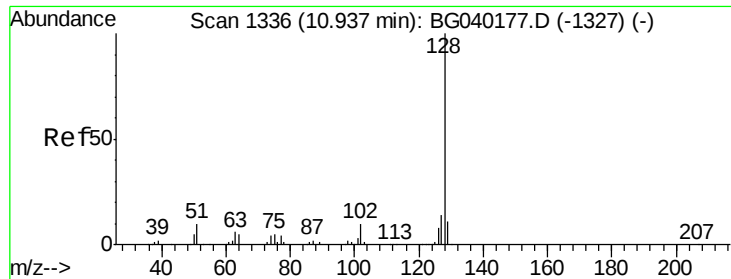
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#30
1,2,4-Trichlorobenzene
Concen: 39.407 ng
RT: 10.74 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	100.4	75.1	112.7
145	29.4	24.1	36.1





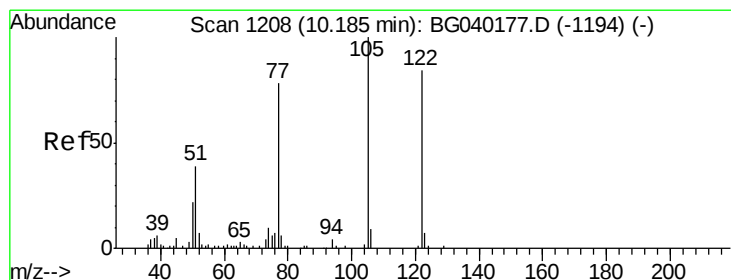
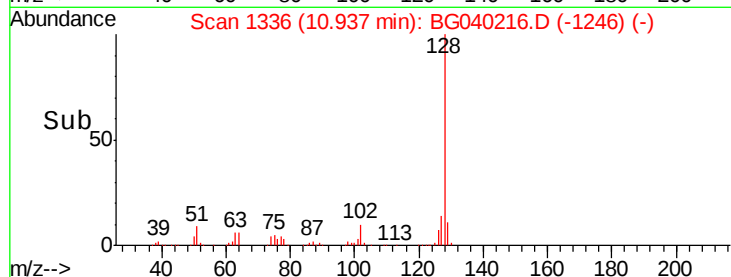
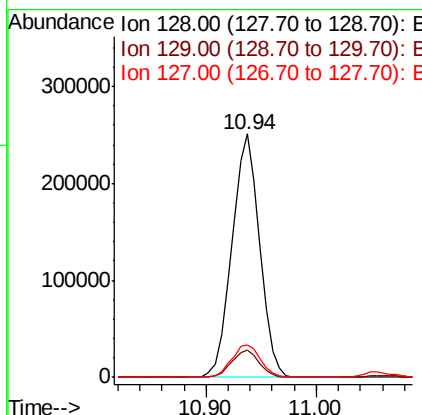
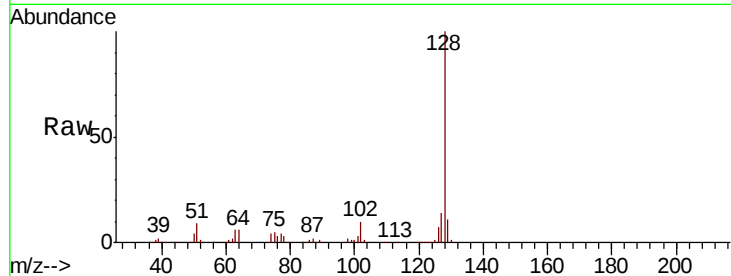
#31
Naphthalene
Concen: 41.482 ng
RT: 10.94 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.9	13.3
127	13.5	11.4	17.0

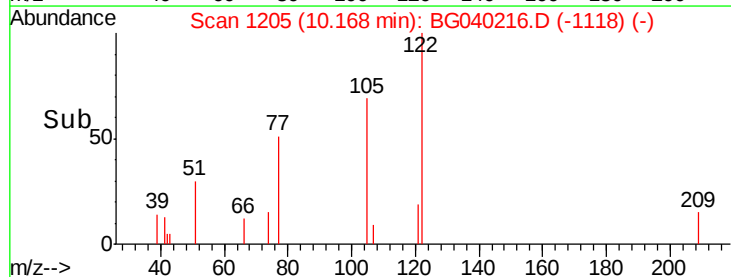
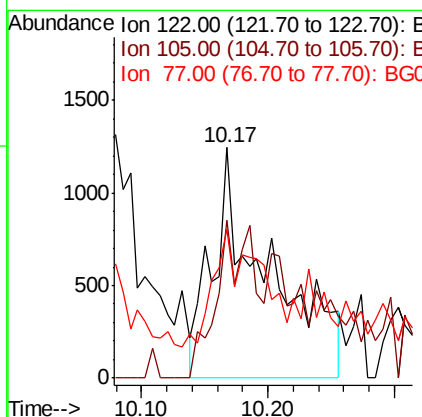
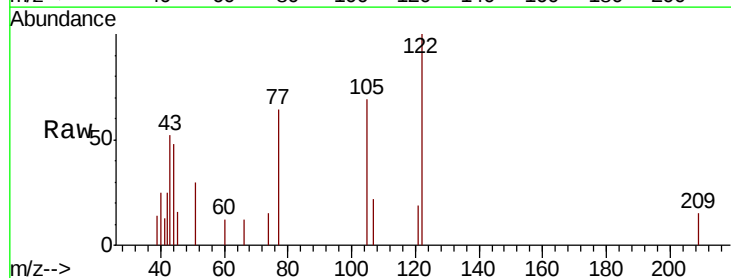
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#32
Benzoic acid
Concen: 2.089 ng m
RT: 10.17 min Scan# 1205
Delta R.T. -0.02 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Tgt Ion	Ratio	Lower	Upper
122	100		
105	68.7	98.2	138.2#
77	64.5	73.6	113.6#





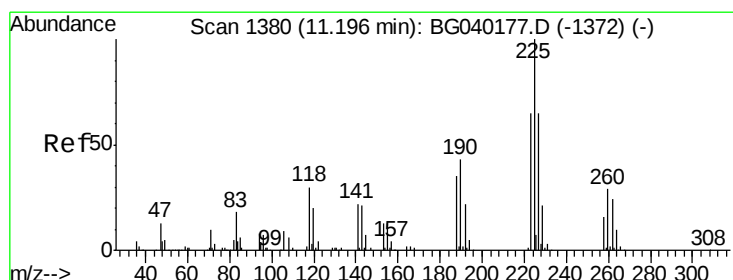
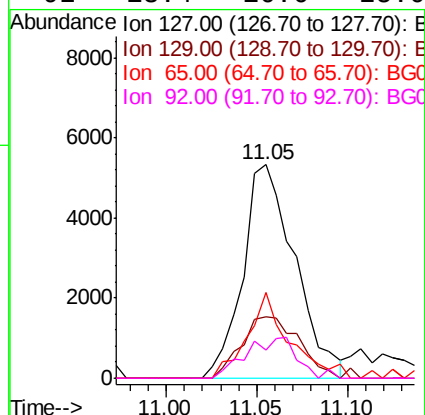
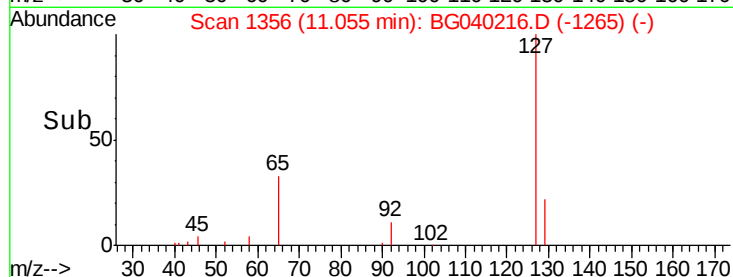
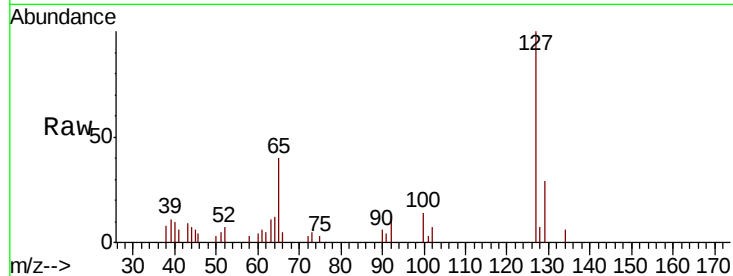
#33
4-Chloroaniline
Concen: 2.348 ng
RT: 11.05 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	28.8	26.6	40.0		
65	40.0	27.0	40.4		
92	13.4	16.6	25.0		

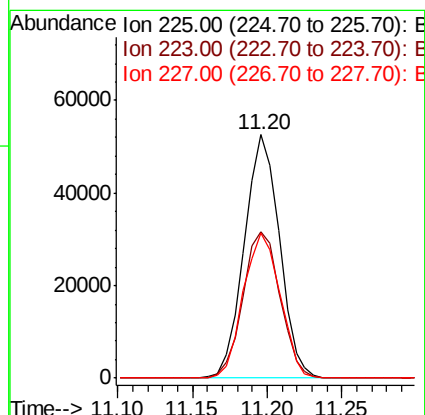
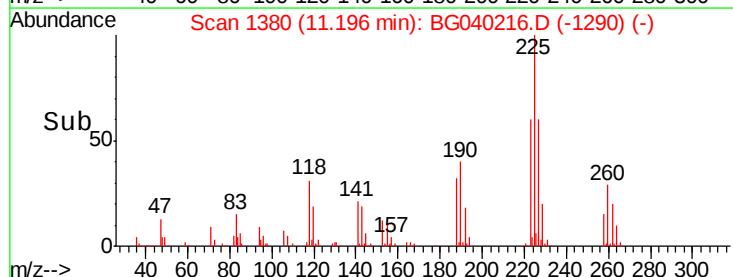
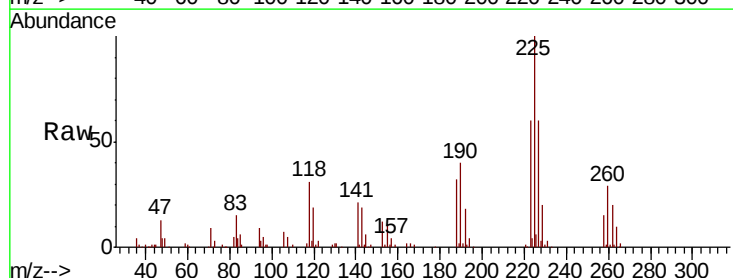
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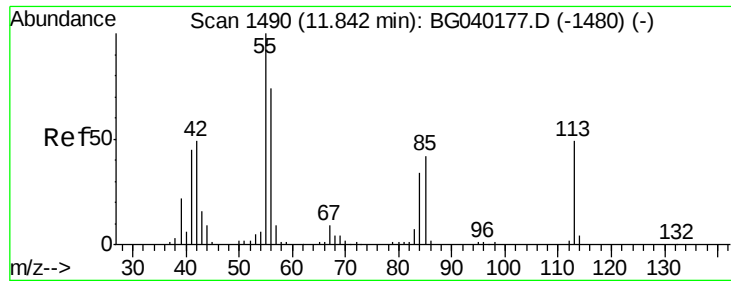
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#34
Hexachlorobutadiene
Concen: 37.118 ng
RT: 11.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.0	51.8	77.8		
227	59.7	54.9	82.3		





#35

Caprolactam

Concen: 32.144 ng/mL

RT: 11.83 min Scan# 1488

Delta R.T. -0.01 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

Instrument :

BNA_G

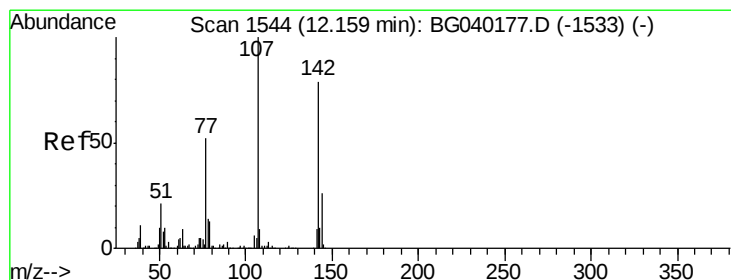
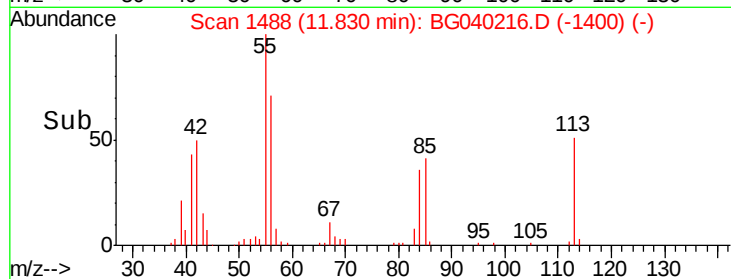
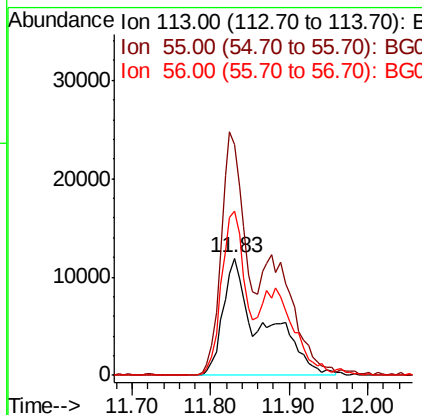
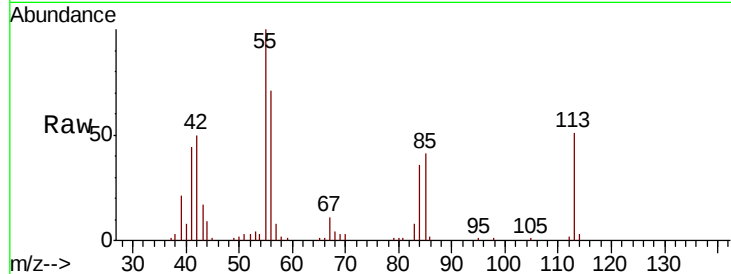
ClientSampled :

TP-1MS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	196.8	184.2	224.2	
56	140.6	131.3	171.3	

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 46.904 ng/mL

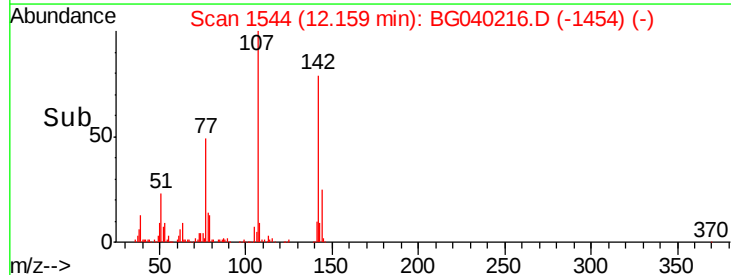
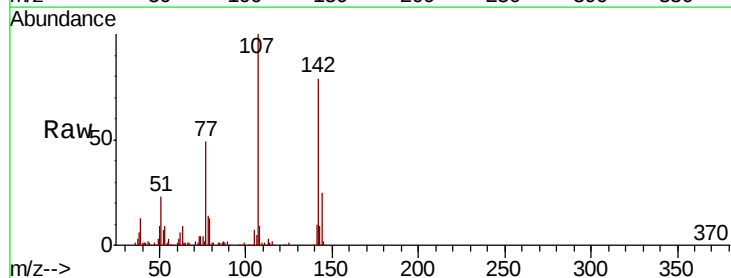
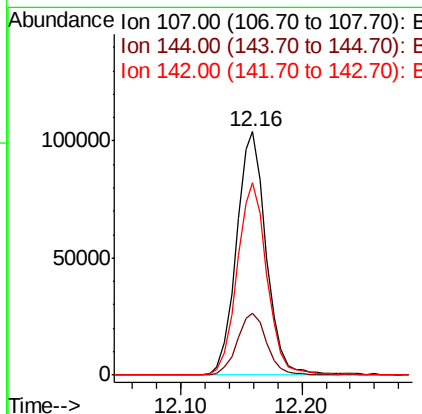
RT: 12.16 min Scan# 1544

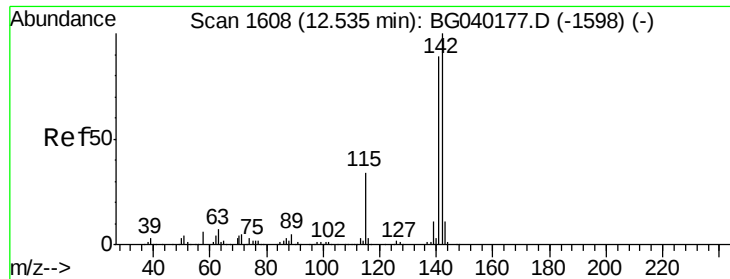
Delta R.T. 0.00 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	25.3	20.5	30.7	
142	78.9	63.1	94.7	





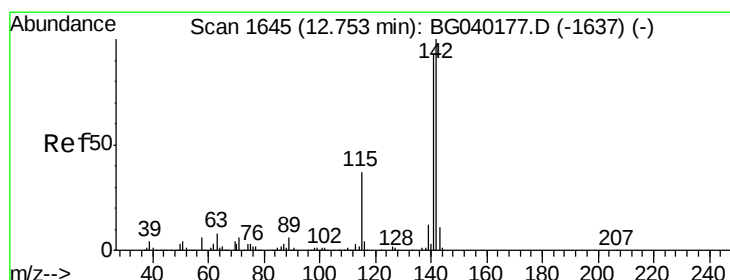
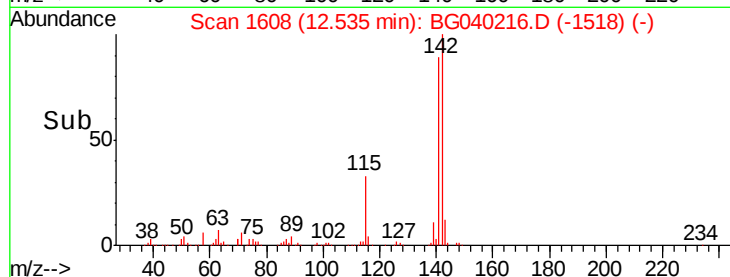
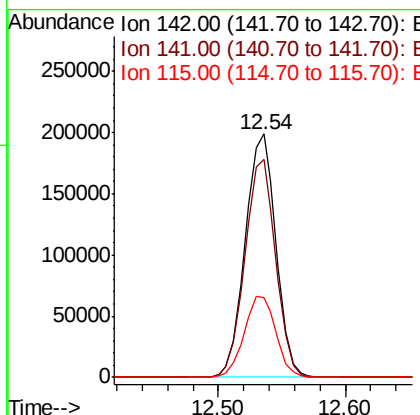
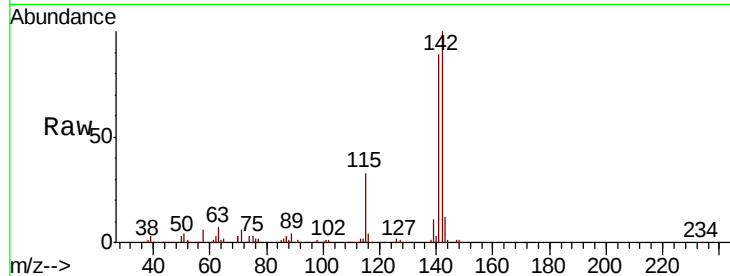
#37
 2-Methylnaphthalene
 Concen: 42.657 ng
 RT: 12.54 min Scan# 1608
 Delta R.T. 0.00 min
 Lab File: BG040216.D
 Acq: 29 Mar 2019 2:24

Instrument :
 BNA_G
 ClientSampled :
 TP-1MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.0	106.6
115	32.6	27.3	40.9

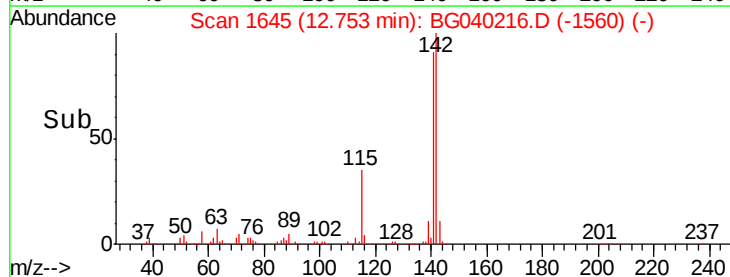
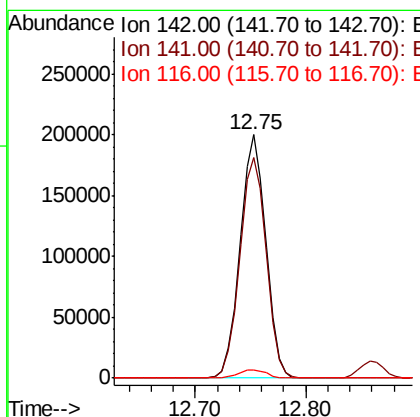
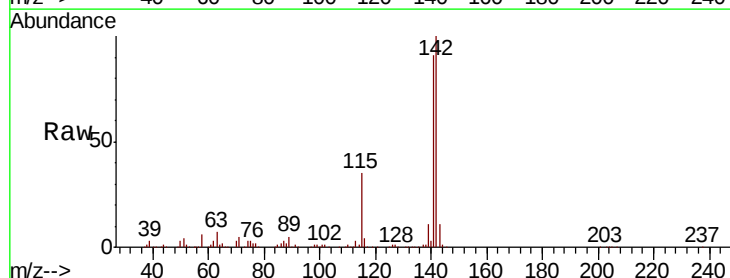
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#38
 1-Methylnaphthalene
 Concen: 42.943 ng
 RT: 12.75 min Scan# 1645
 Delta R.T. 0.00 min
 Lab File: BG040216.D
 Acq: 29 Mar 2019 2:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	74.2	111.4
116	3.6	3.0	4.4





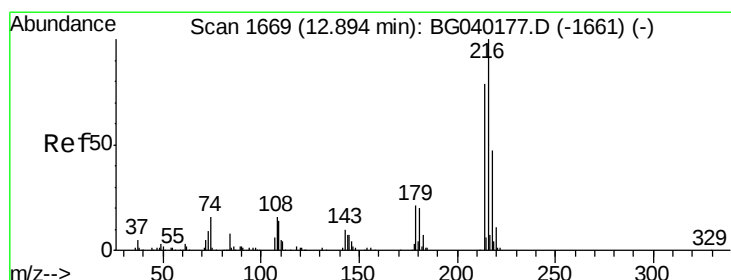
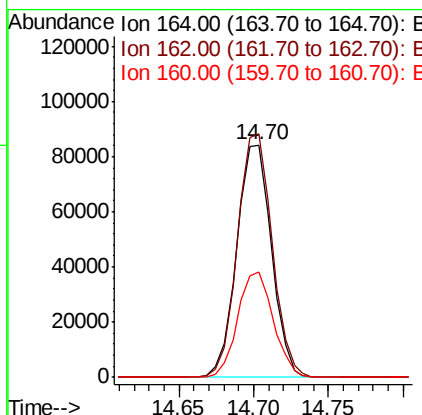
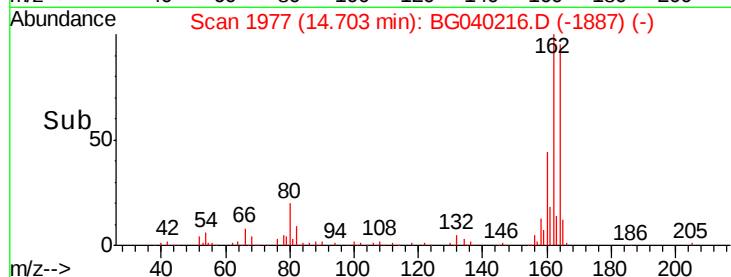
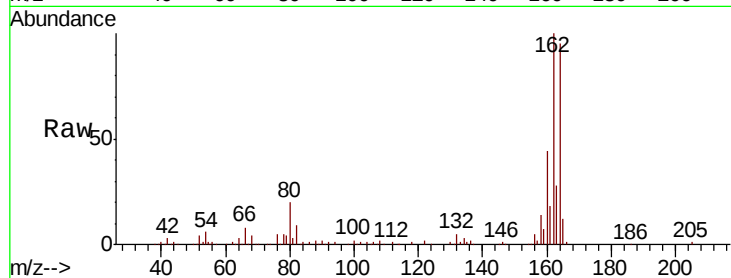
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.7	77.4	116.2
160	45.6	35.3	52.9

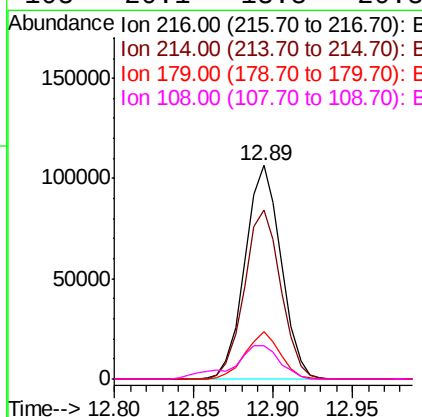
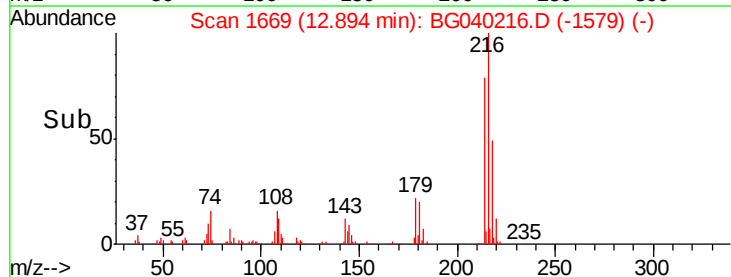
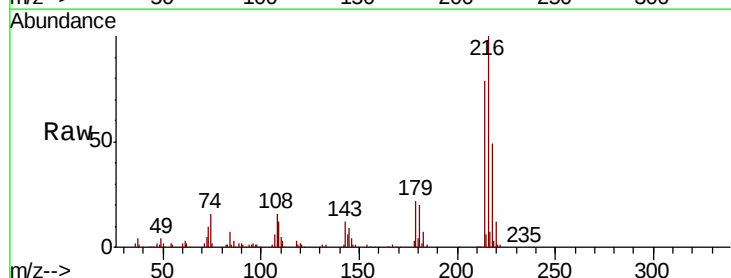
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.845 ng
RT: 12.89 min Scan# 1669
Delta R.T. 0.00 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.5	95.3
179	21.2	16.6	25.0
108	20.1	13.8	20.8





#41

Hexachlorocyclopentadiene

Concen: 80.157 ng

RT: 12.86 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

Instrument :

BNA_G

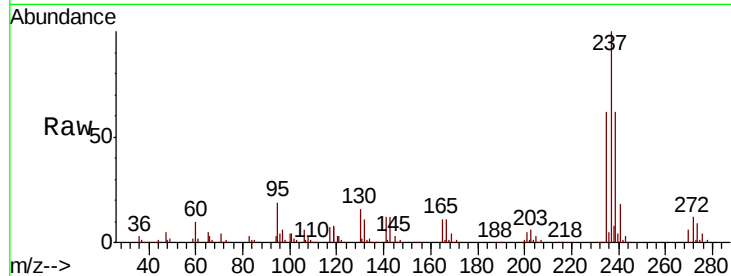
ClientSampleId :

TP-1MS

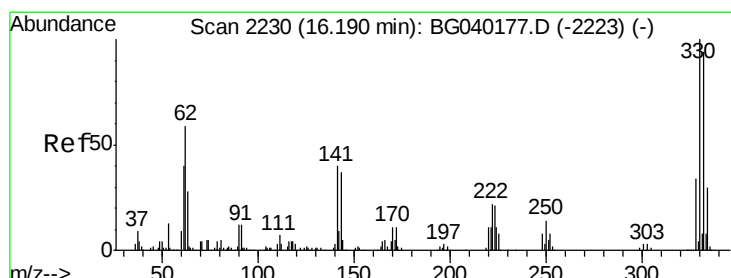
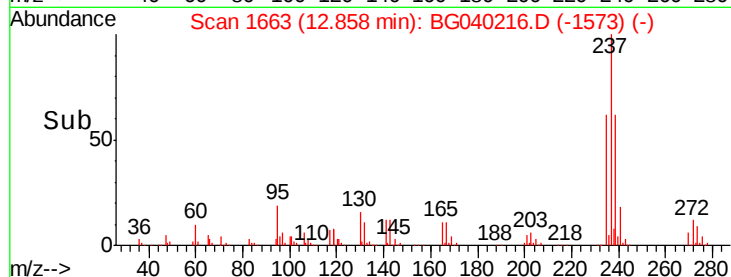
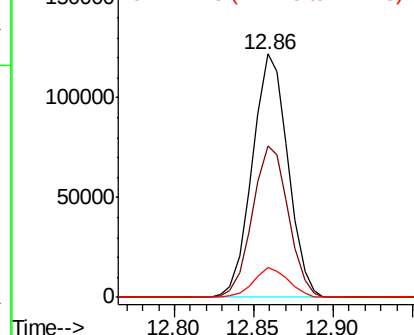
Tot Ion:	237	Resp:	190368
Ion Ratio	Lower	Upper	
237	100		
235	62.4	46.2	86.2
272	12.0	0.0	30.5

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



#42

2,4,6-Tribromophenol

Concen: 154.556 ng

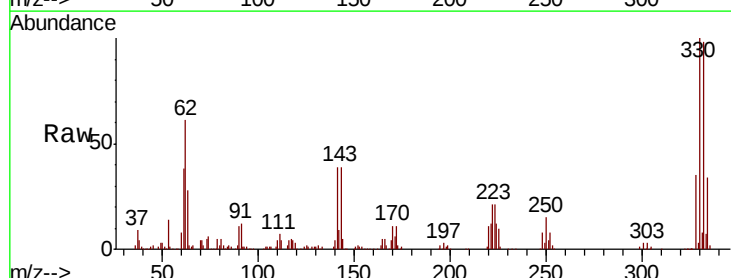
RT: 16.19 min Scan# 2230

Delta R.T. 0.00 min

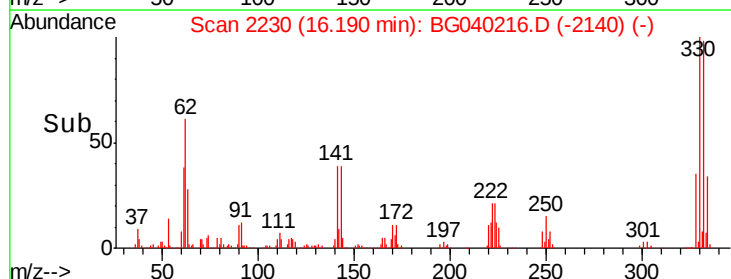
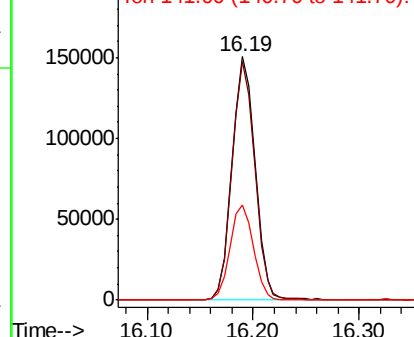
Lab File: BG040216.D

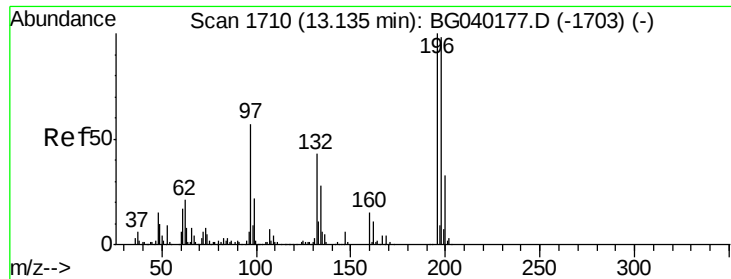
Acq: 29 Mar 2019 2:24

Tgt Ion:	330	Resp:	227315
Ion Ratio	Lower	Upper	
330	100		
332	97.1	76.6	115.0
141	40.0	32.6	48.8



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





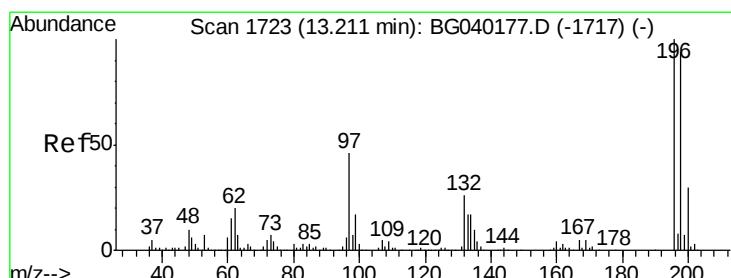
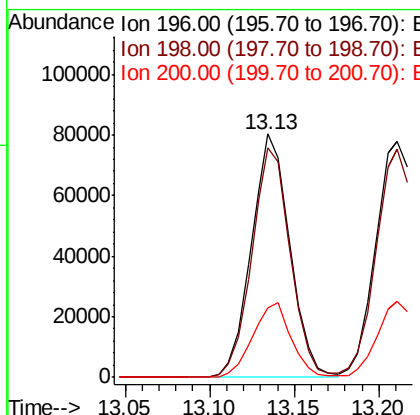
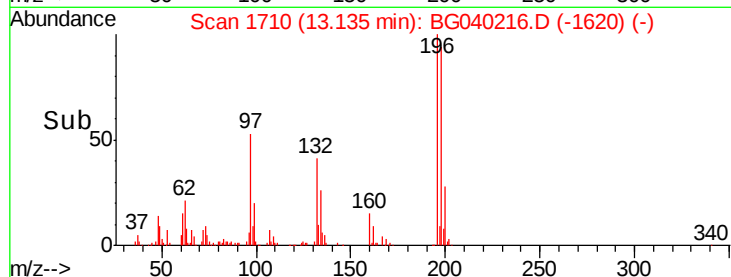
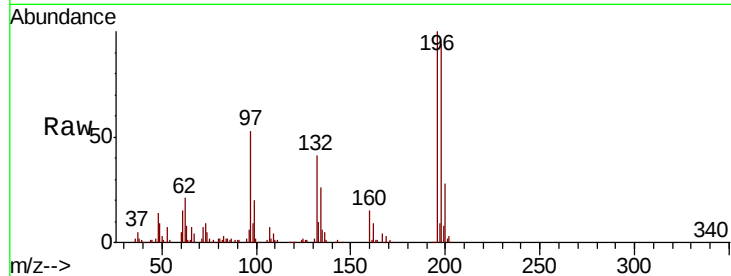
#43
 2,4,6-Trichlorophenol
 Concen: 45.421 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG040216.D
 Acq: 29 Mar 2019 2:24

Instrument :
 BNA_G
 ClientSampled :
 TP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	126666		
198	94.1	78.3	117.5	
200	28.4	26.0	39.0	

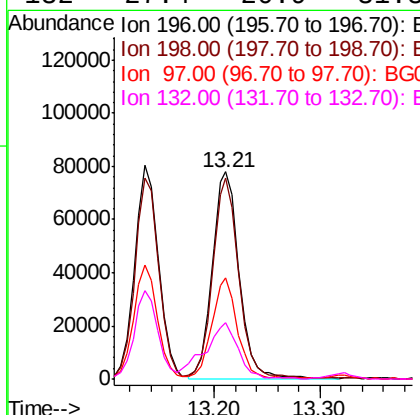
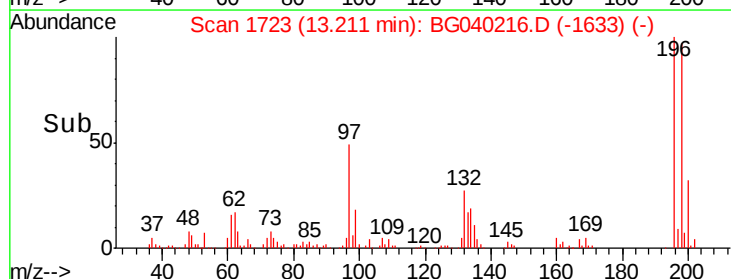
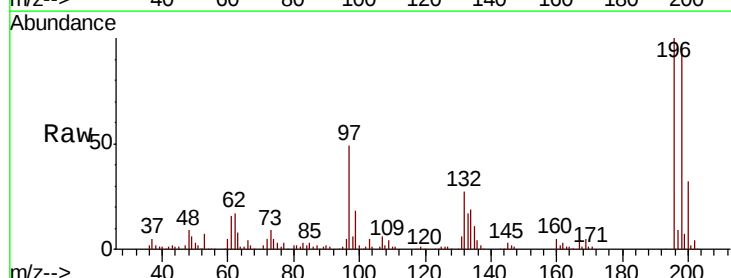
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#44
 2,4,5-Trichlorophenol
 Concen: 45.472 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. 0.00 min
 Lab File: BG040216.D
 Acq: 29 Mar 2019 2:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	138216		
198	97.0	75.0	112.6	
97	49.1	37.3	55.9	
132	27.4	20.9	31.3	





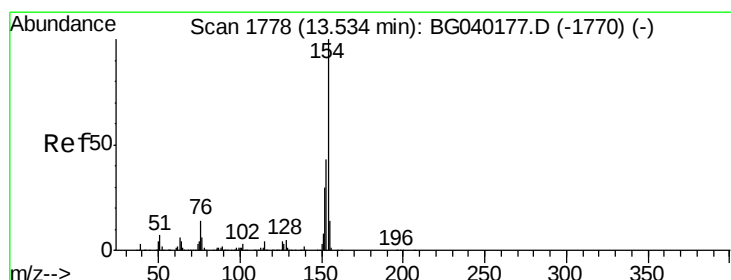
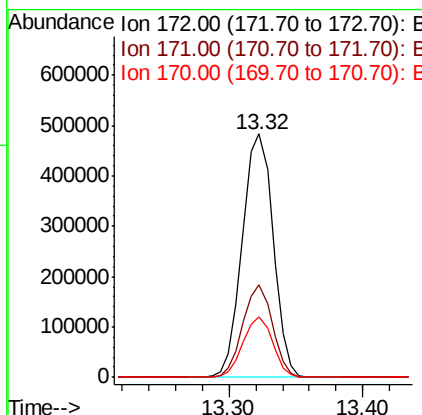
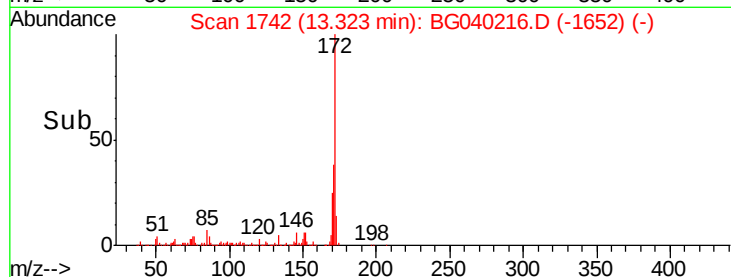
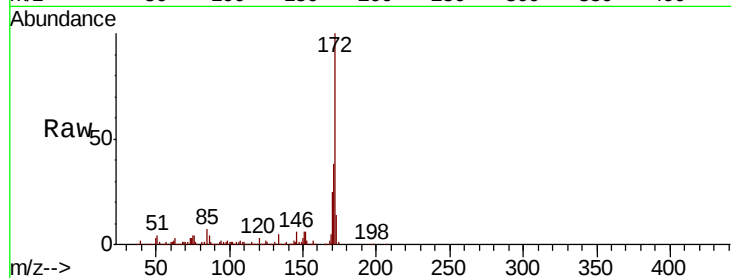
#45
2-Fluorobiphenyl
Concen: 83.980 ng
RT: 13.32 min Scan# 1742
Delta R.T. 0.00 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.5	45.7
170	24.8	20.1	30.1

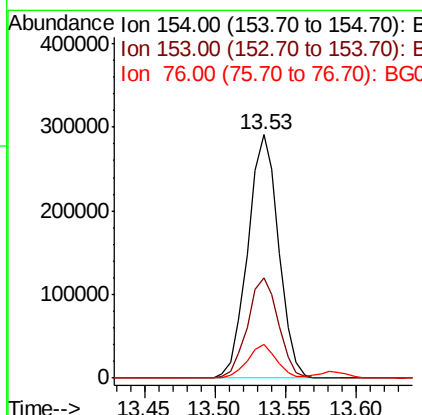
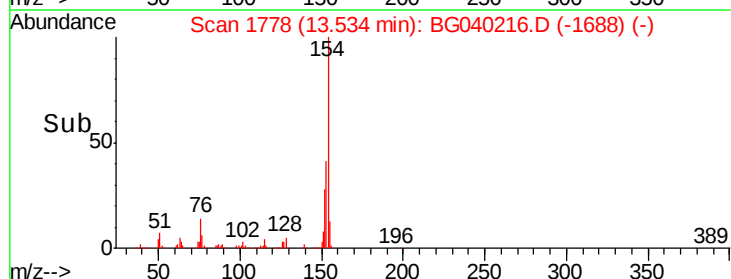
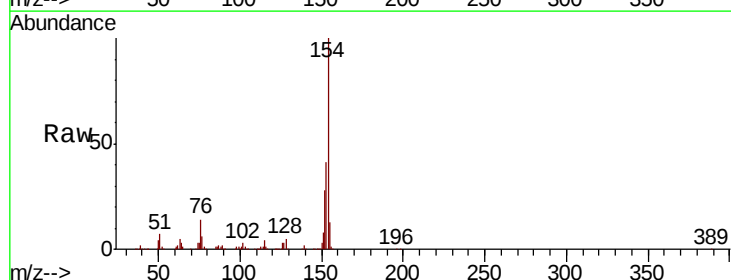
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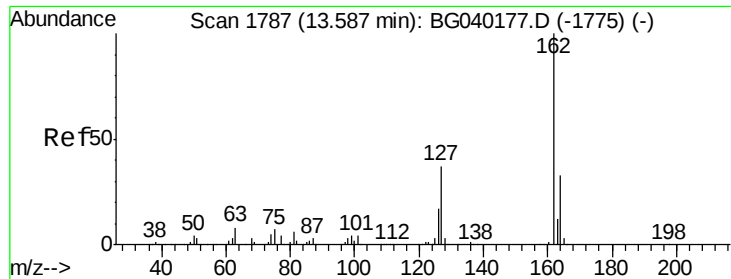
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#46
1,1'-Biphenyl
Concen: 41.465 ng
RT: 13.53 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	22.5	62.5
76	13.8	0.0	33.7





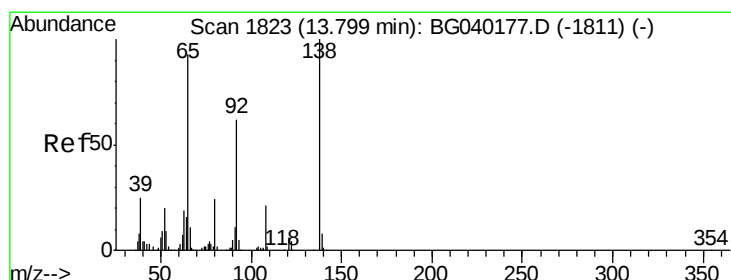
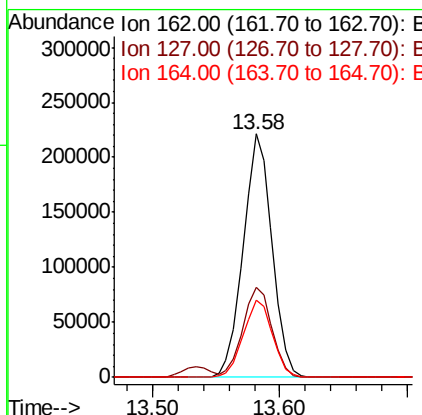
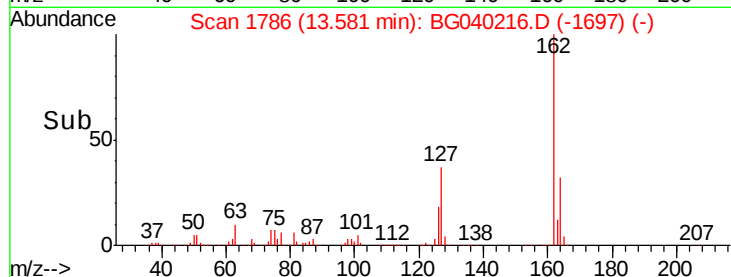
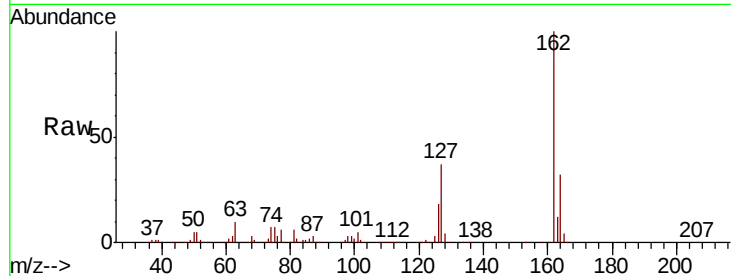
#47
 2-Chloronaphthalene
 Concen: 42.177 ng
 RT: 13.58 min Scan# 1786
 Delta R.T. -0.01 min
 Lab File: BG040216.D
 Acq: 29 Mar 2019 2:24

Instrument :
 BNA_G
 ClientSampled :
 TP-1MS

Tot Ion:	162	Resp:	347873
Ion Ratio	Lower	Upper	
162	100		
127	36.8	30.6	45.8
164	31.9	26.2	39.4

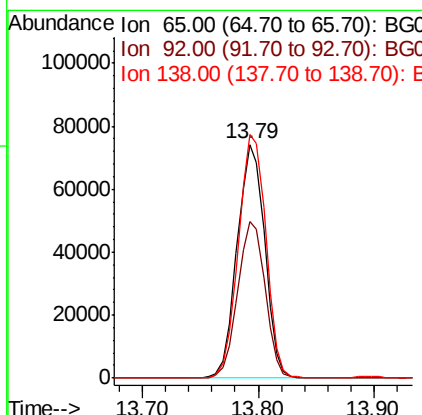
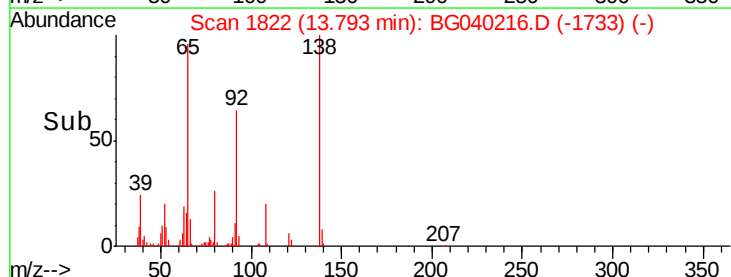
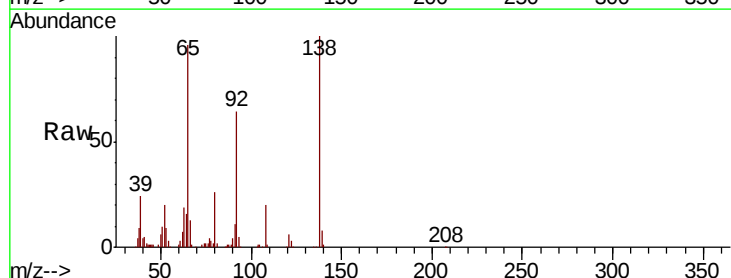
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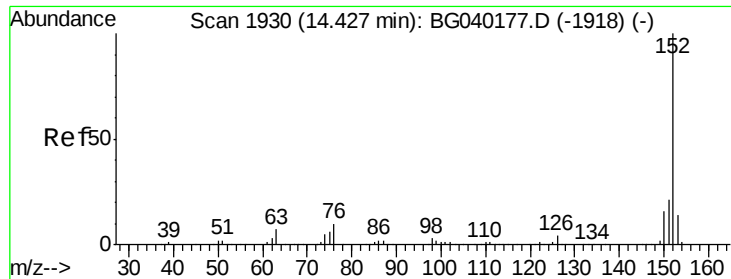
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#48
 2-Nitroaniline
 Concen: 44.090 ng
 RT: 13.79 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: BG040216.D
 Acq: 29 Mar 2019 2:24

Tgt Ion:	65	Resp:	122665
Ion Ratio	Lower	Upper	
65	100		
92	66.7	53.8	80.6
138	104.2	86.3	129.5





#49

Acenaphthylene

Concen: 42.647 ng

RT: 14.43 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

Instrument :

BNA_G

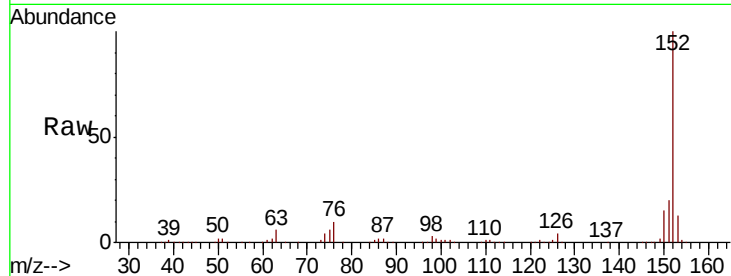
ClientSampled :

TP-1MS

Tot Ion:	152	Resp:	596387
Ion Ratio	Lower	Upper	
152	100		
151	20.1	17.0	25.6
153	13.0	10.8	16.2

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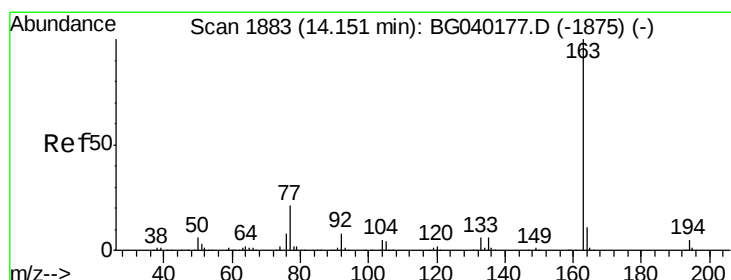
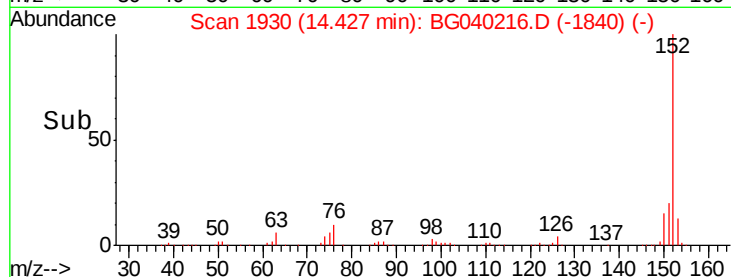
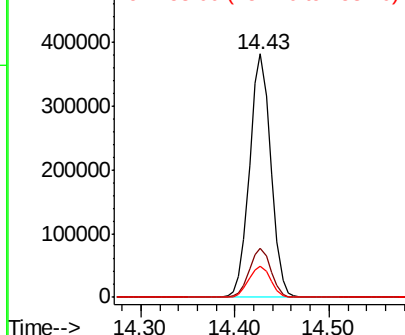


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.245 ng

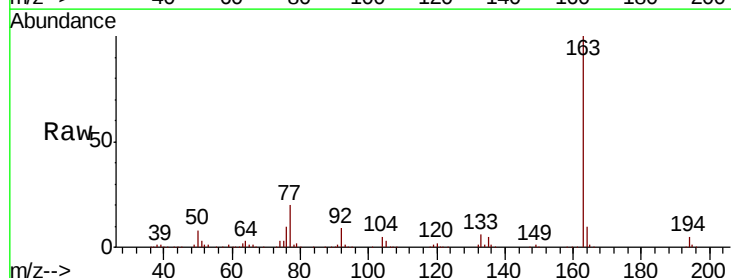
RT: 14.15 min Scan# 1883

Delta R.T. 0.00 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

Tgt Ion:	163	Resp:	492545
Ion Ratio	Lower	Upper	
163	100		
194	5.1	4.1	6.1
164	10.3	8.6	13.0

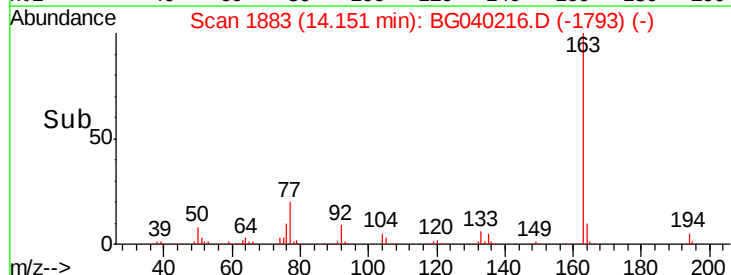
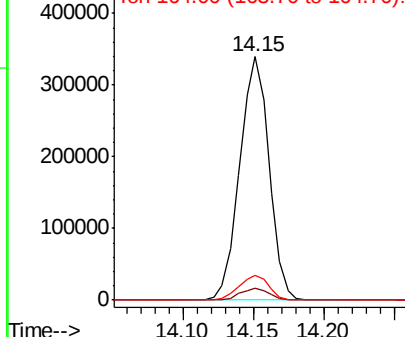


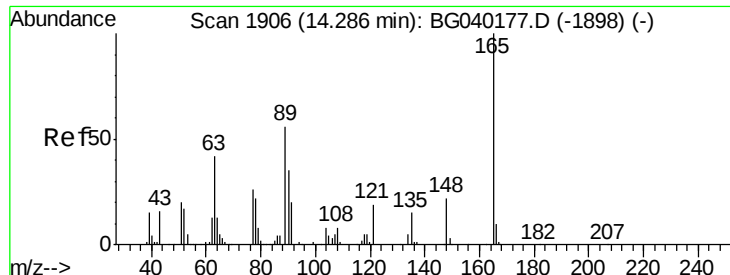
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





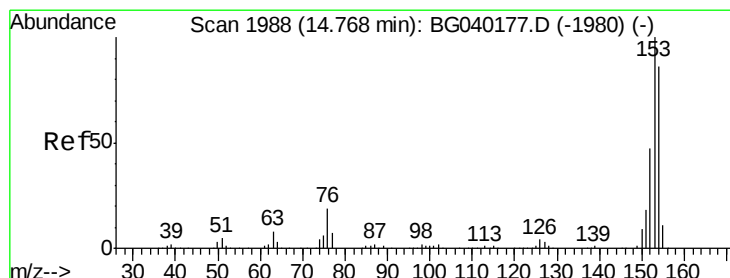
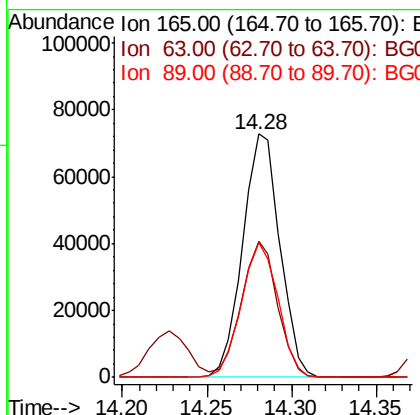
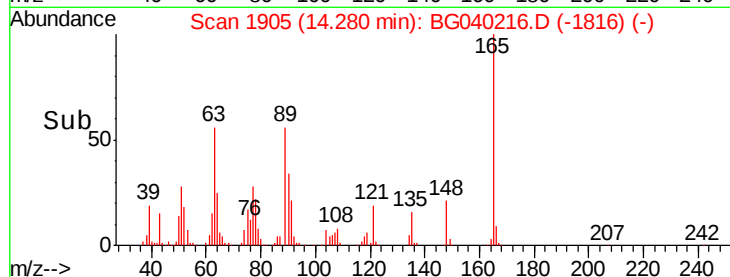
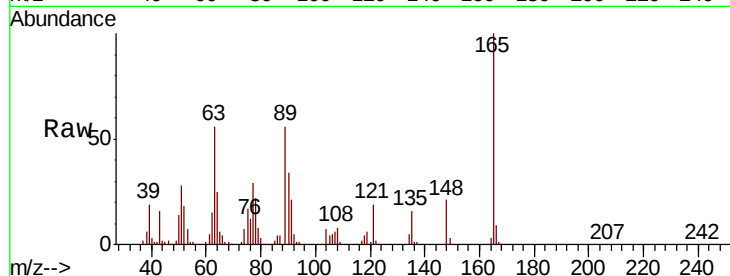
#51
2,6-Dinitrotoluene
Concen: 46.696 ng
RT: 14.28 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Instrument :
BNA_G
ClientSampled :
TP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	111674		
63	55.8	44.1	66.1	
89	55.6	44.9	67.3	

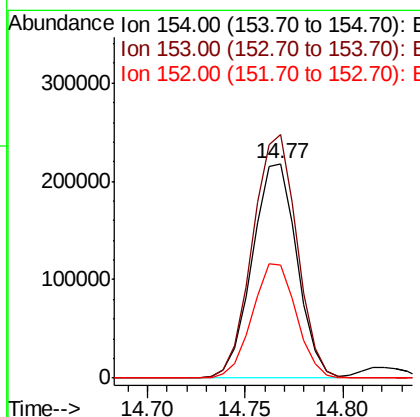
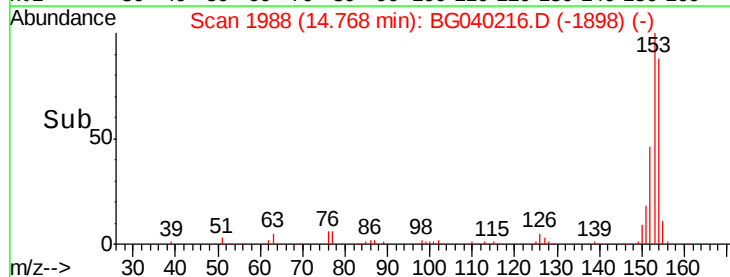
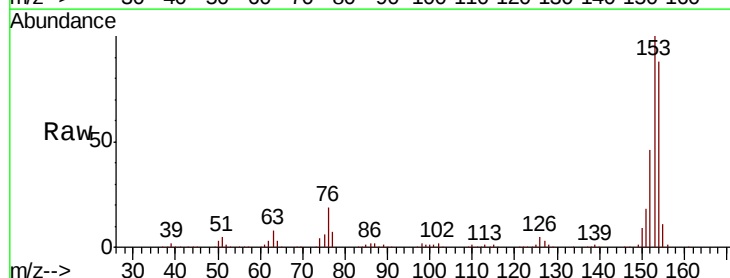
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#52
Acenaphthene
Concen: 43.265 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	346693		
153	113.4	92.8	139.2	
152	52.6	43.4	65.2	





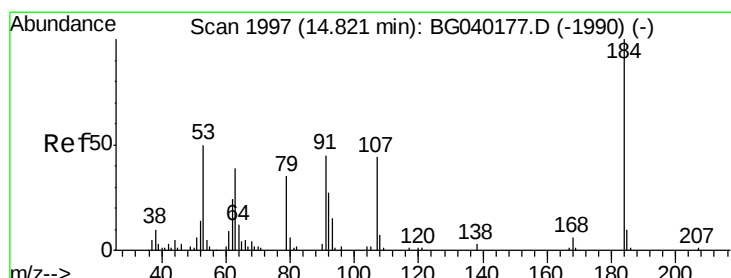
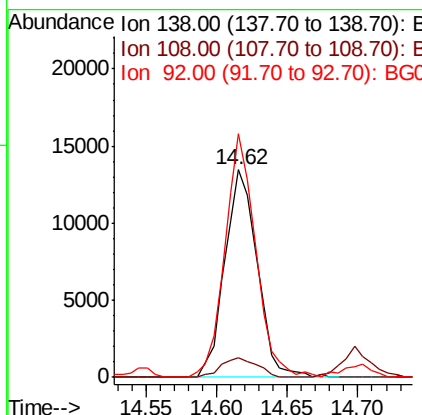
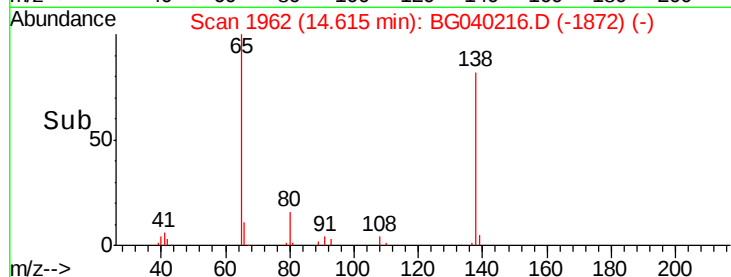
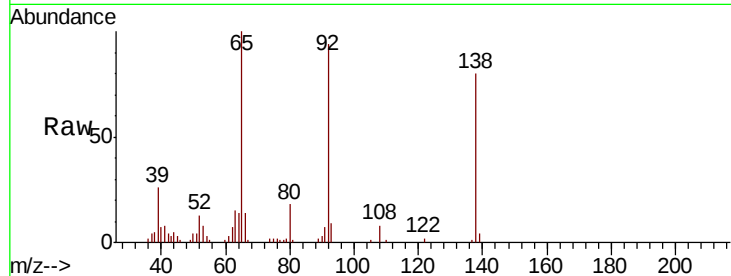
#53
3-Nitroaniline
Concen: 8.512 ng
RT: 14.62 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.8	11.8
92	117.3	87.5	131.3

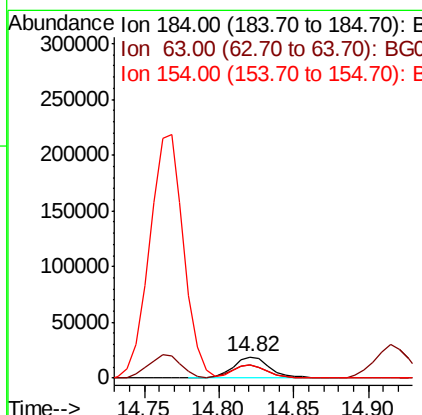
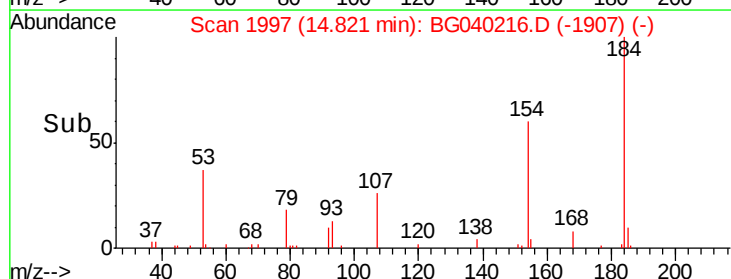
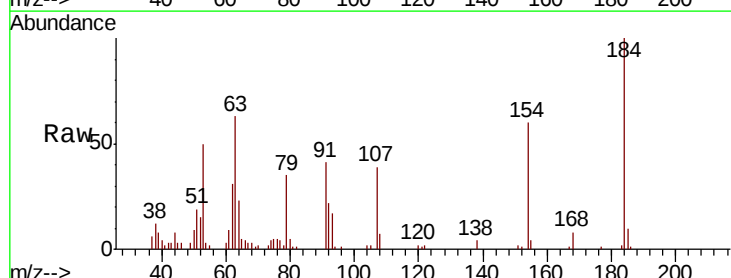
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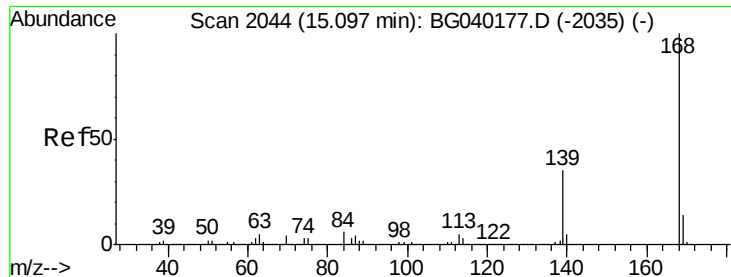
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#54
2,4-Dinitrophenol
Concen: 25.812 ng
RT: 14.82 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.9	51.8	77.8
154	59.9	50.9	76.3





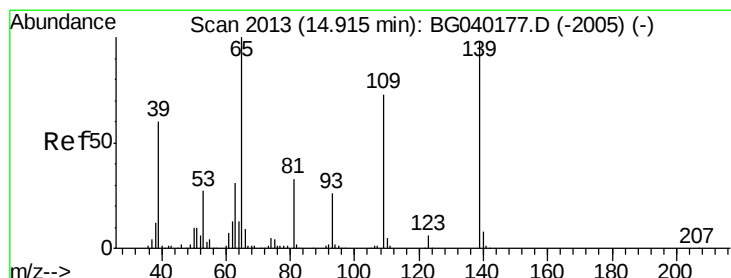
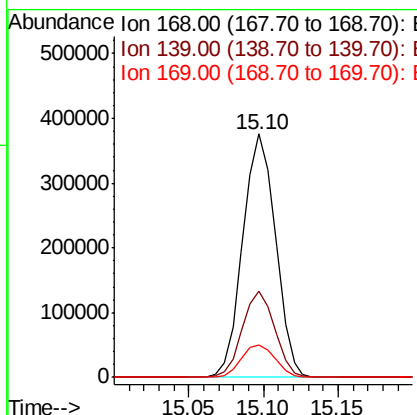
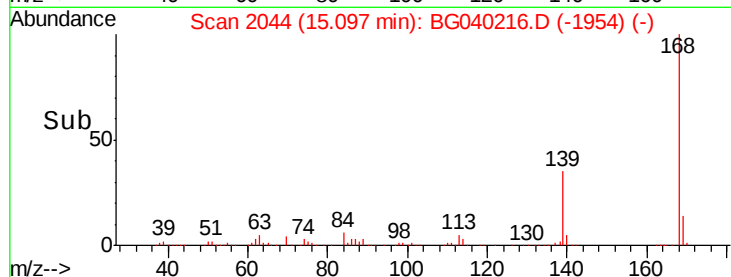
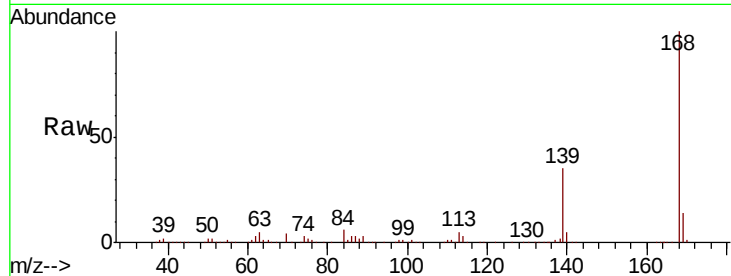
#55
Dibenzofuran
Concen: 44.447 ng
RT: 15.10 min Scan# 2044
Delta R.T. 0.00 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Instrument :
BNA_G
ClientSampled :
TP-1MS

Tot Ion:	168	Resp:	572311
Ion Ratio	Lower	Upper	
168	100		
139	35.5	27.9	41.9
169	13.6	11.3	16.9

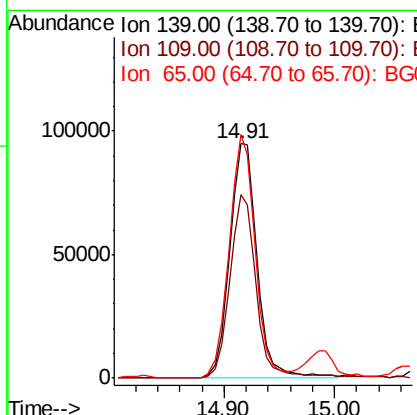
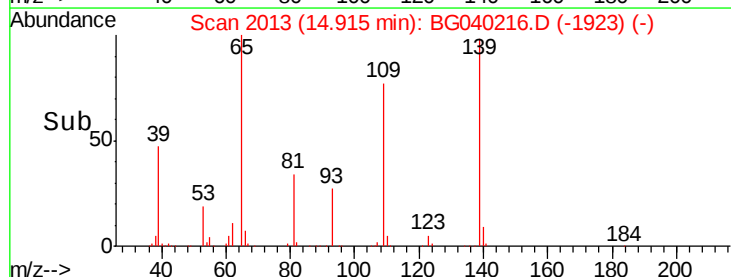
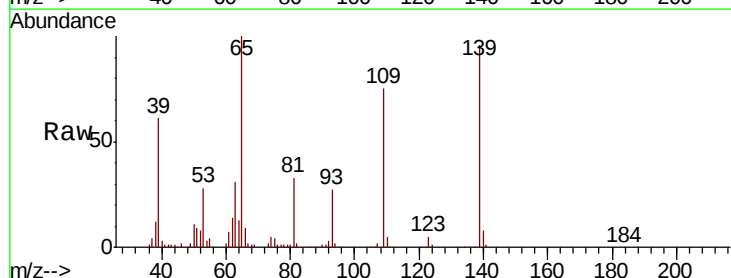
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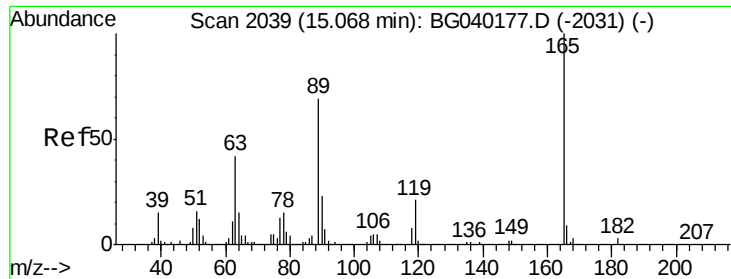
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#56
4-Nitrophenol
Concen: 80.692 ng
RT: 14.91 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Tgt Ion:	139	Resp:	164862
Ion Ratio	Lower	Upper	
139	100		
109	78.3	54.3	94.3
65	103.8	82.5	122.5





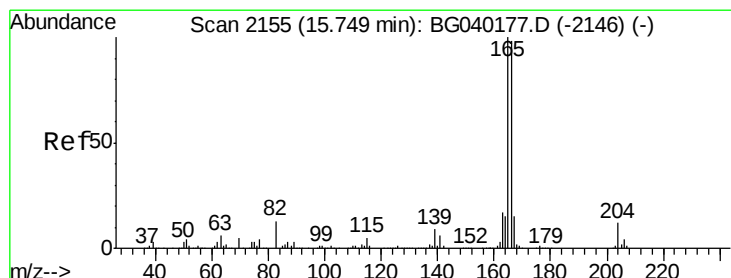
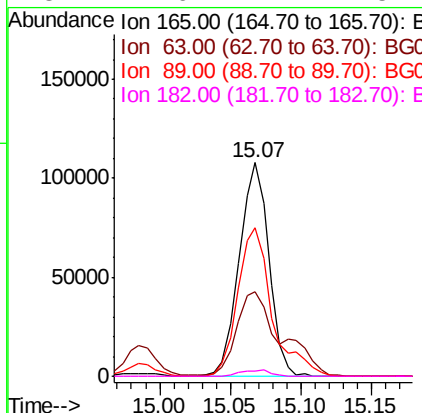
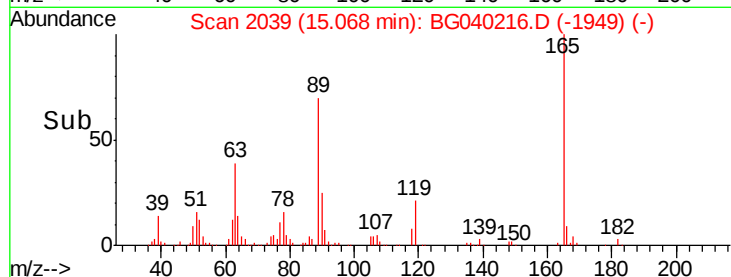
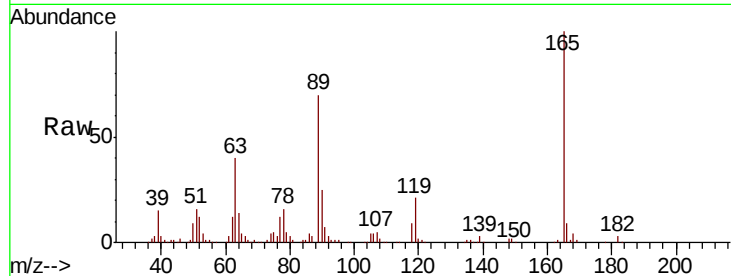
#57
 2,4-Dinitrotoluene
 Concen: 47.579 ng
 RT: 15.07 min Scan# 2039
 Delta R.T. 0.00 min
 Lab File: BG040216.D
 Acq: 29 Mar 2019 2:24

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	158105		
63	39.7	33.8	50.6	
89	69.7	55.4	83.2	
182	2.6	2.2	3.4	

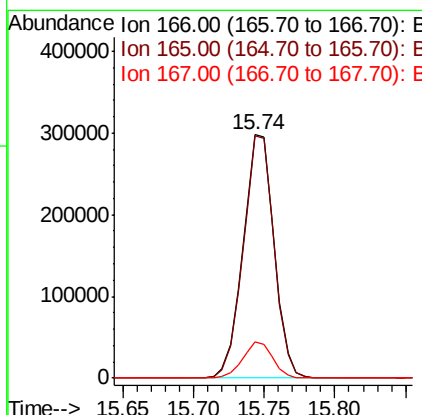
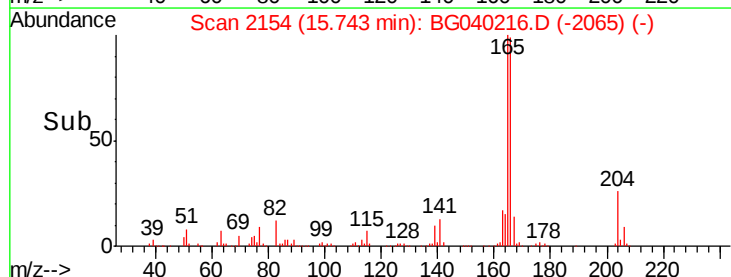
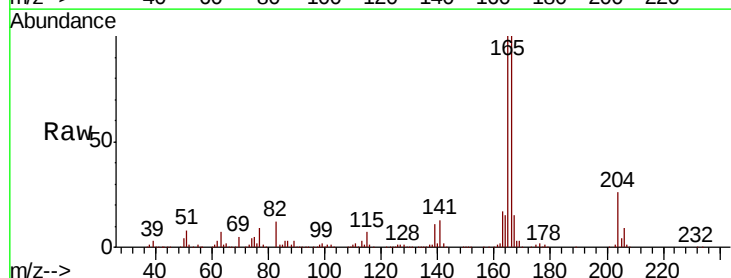
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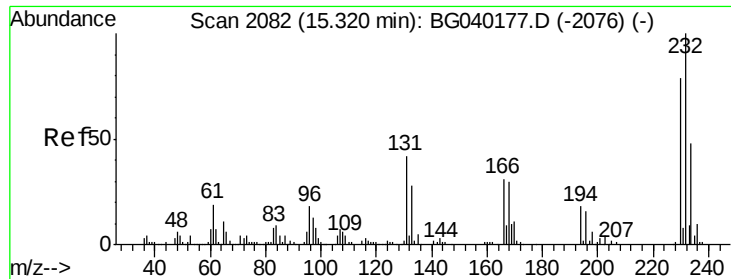
Sohil
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#58
 Fluorene
 Concen: 45.131 ng
 RT: 15.74 min Scan# 2154
 Delta R.T. -0.01 min
 Lab File: BG040216.D
 Acq: 29 Mar 2019 2:24

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	456880		
165	99.7	81.7	122.5	
167	14.7	11.9	17.9	





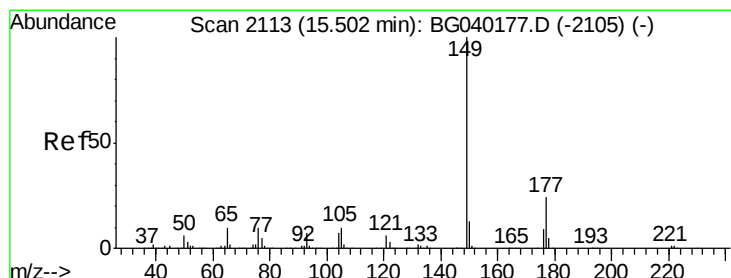
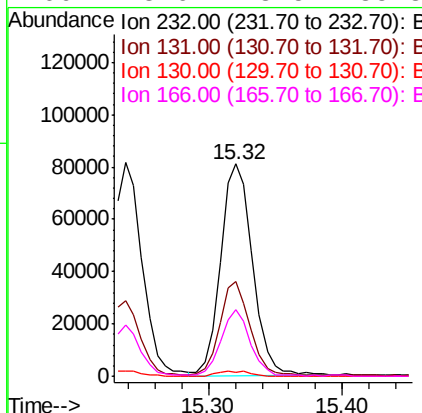
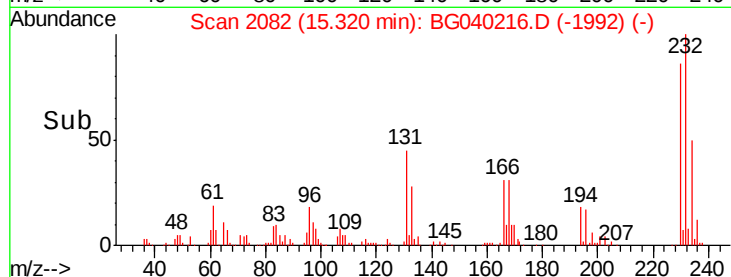
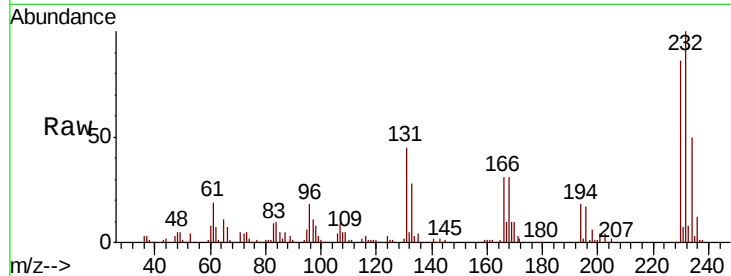
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.019 ng
 RT: 15.32 min Scan# 2082
 Delta R.T. 0.00 min
 Lab File: BG040216.D
 Acq: 29 Mar 2019 2:24

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	135209		
131	42.2	32.9	49.3	
130	2.5	1.8	2.8	
166	28.6	23.5	35.3	

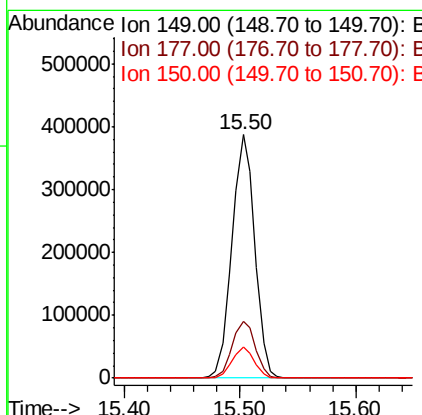
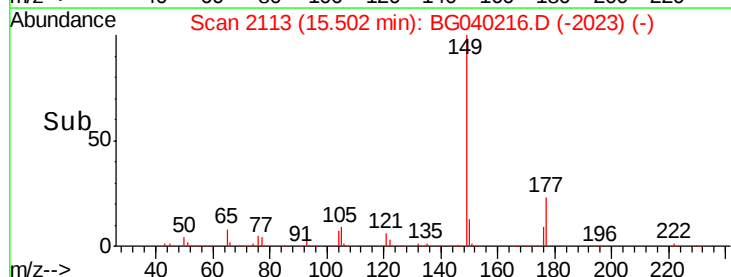
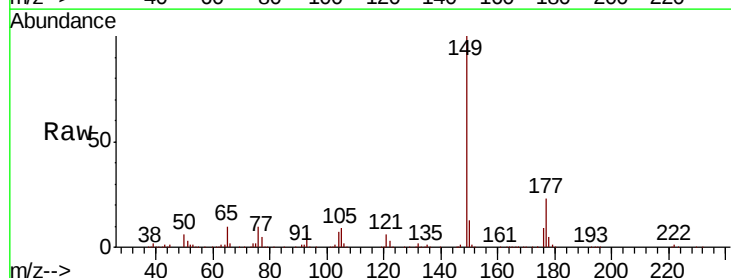
Manual Integrations
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#60
 Diethylphthalate
 Concen: 48.341 ng
 RT: 15.50 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: BG040216.D
 Acq: 29 Mar 2019 2:24

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	526862		
177	23.2	19.1	28.7	
150	12.8	10.6	15.8	





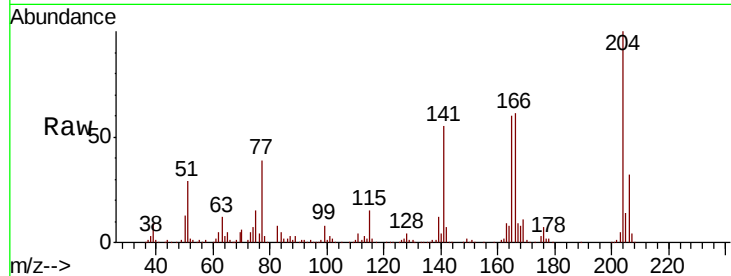
#61
4-Chlorophenyl-phenylether
Concen: 45.324 ng
RT: 15.73 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Instrument :
BNA_G
ClientSampled :
TP-1MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.0	25.7	38.5
141	55.3	44.0	66.0

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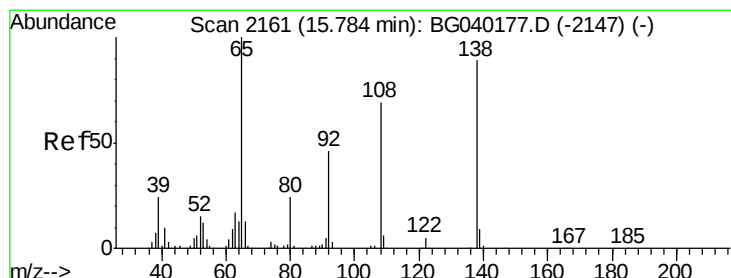
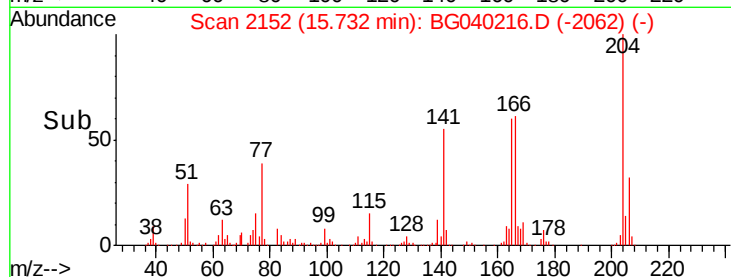
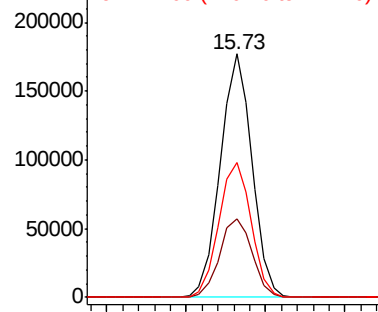


Abundance

Ion 204.00 (203.70 to 204.70): E

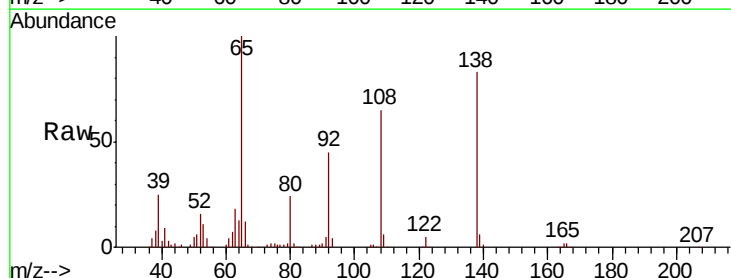
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 41.827 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.7	31.8	71.8
108	78.1	57.2	97.2

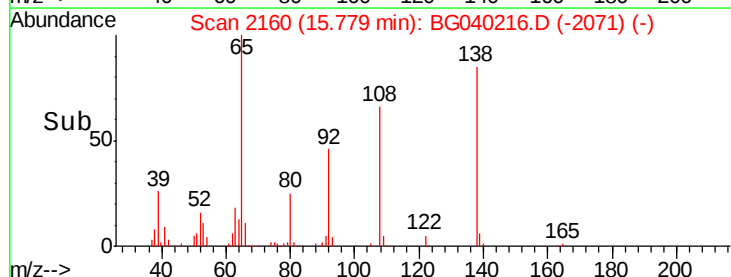
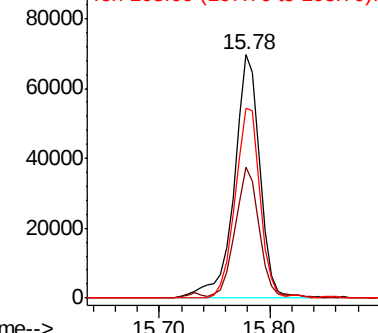


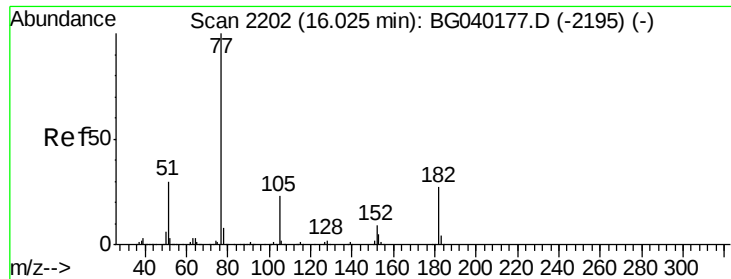
Abundance

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: 45.887 ng

RT: 16.03 min Scan# 2202

Delta R.T. 0.00 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

Instrument :

BNA_G

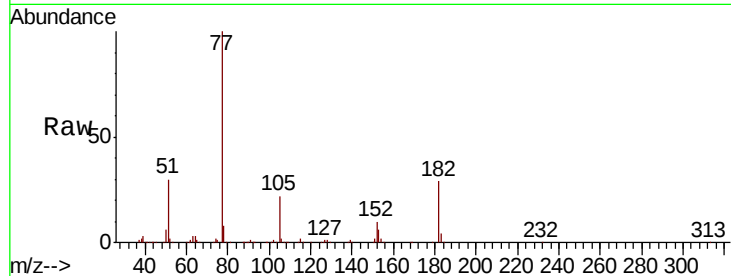
ClientSampleId :

TP-1MS

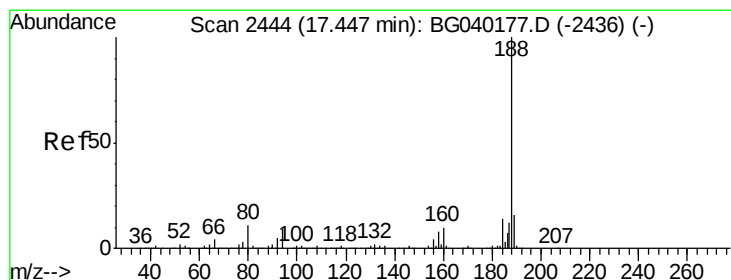
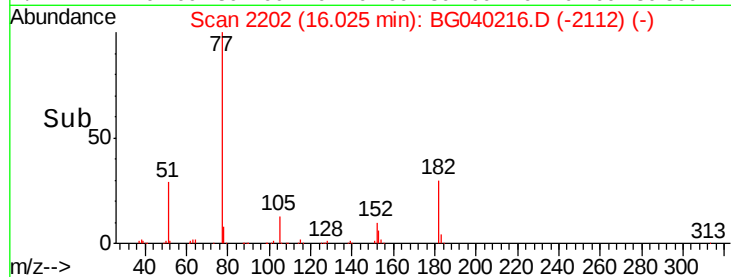
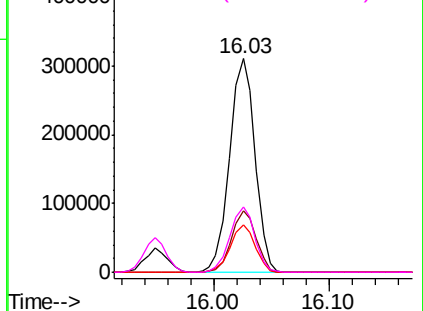
Tot Ion:	77	Resp:	471741
Ion Ratio	Lower	Upper	
77	100		
182	29.0	7.2	47.2
105	22.0	2.8	42.8
51	30.4	10.4	50.4

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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2444

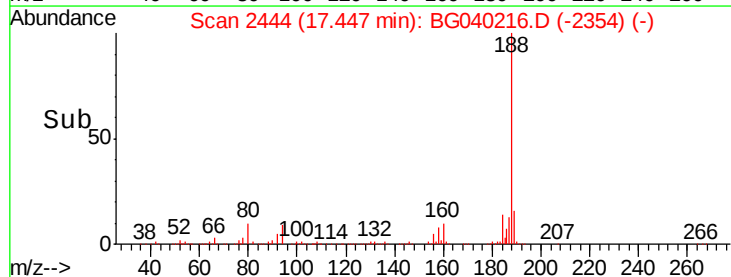
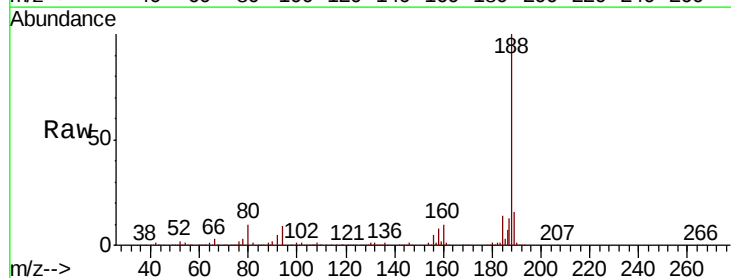
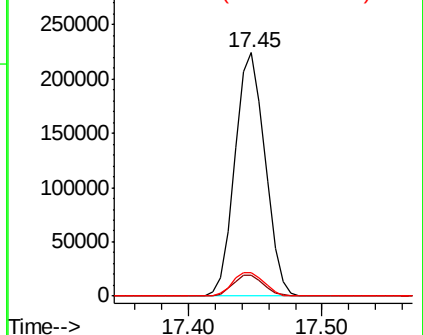
Delta R.T. 0.00 min

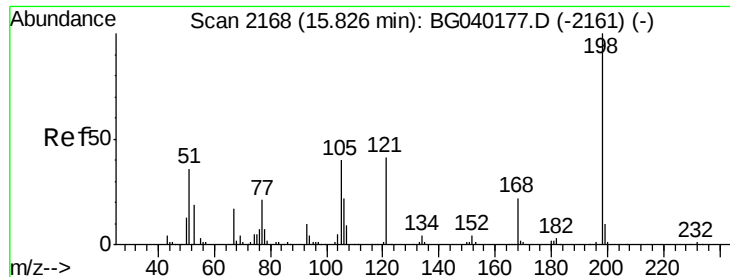
Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

Tgt Ion:	188	Resp:	351397
Ion Ratio	Lower	Upper	
188	100		
94	8.6	7.0	10.4
80	9.7	8.6	13.0

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: 20.625 ng

RT: 15.83 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

Instrument :

BNA_G

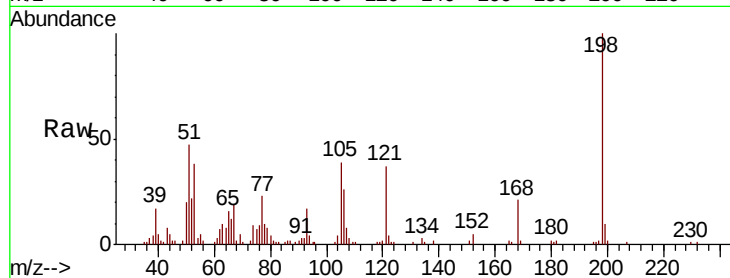
ClientSampled :

TP-1MS

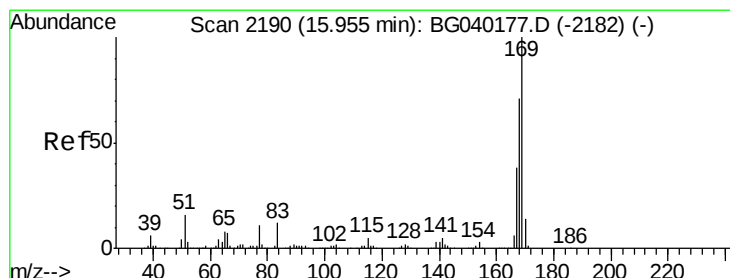
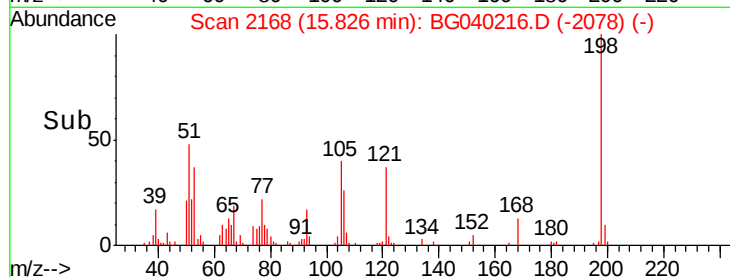
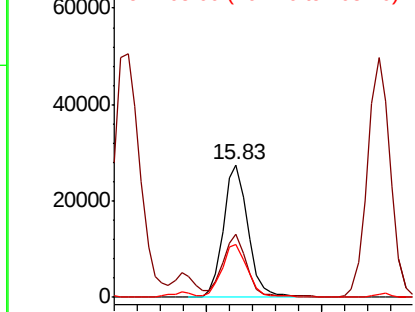
Tot Ion:	198	Resp:	40719
Ion Ratio	Lower	Upper	
198	100		
51	47.3	27.3	67.3
105	39.4	21.7	61.7

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



#66

n-Nitrosodiphenylamine

Concen: 42.932 ng

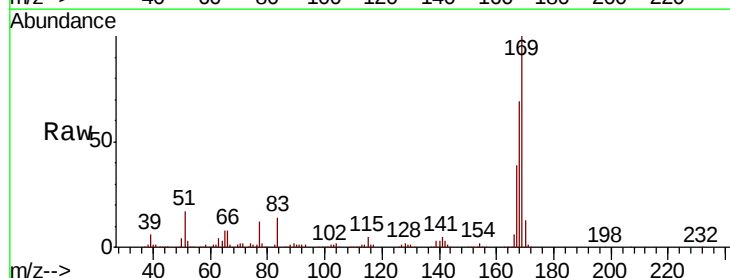
RT: 15.95 min Scan# 2189

Delta R.T. -0.01 min

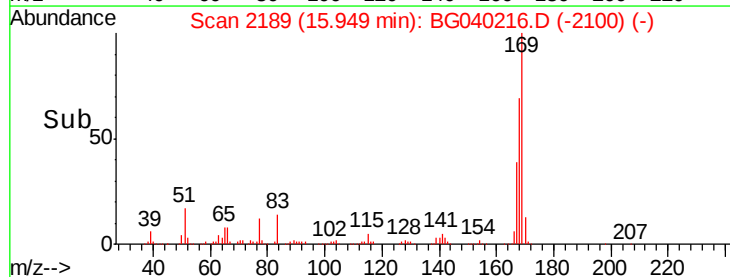
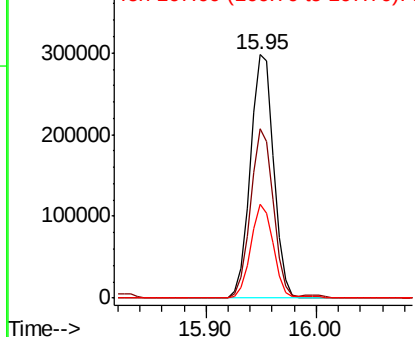
Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

Tgt Ion:	169	Resp:	441459
Ion Ratio	Lower	Upper	
169	100		
168	69.3	56.8	85.2
167	38.7	30.2	45.4



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





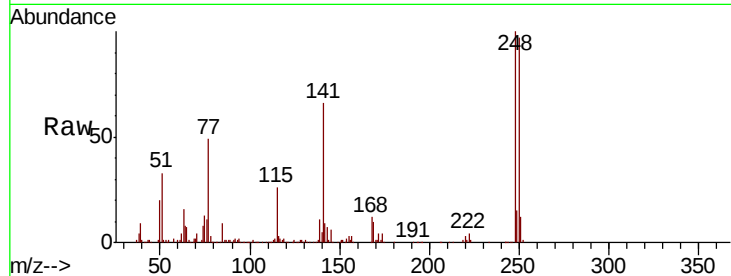
#67
4-Bromophenyl-phenylether
Concen: 42.139 ng
RT: 16.63 min Scan# 2305
Delta R.T. 0.00 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.8	76.4	114.6
141	66.2	53.8	80.8

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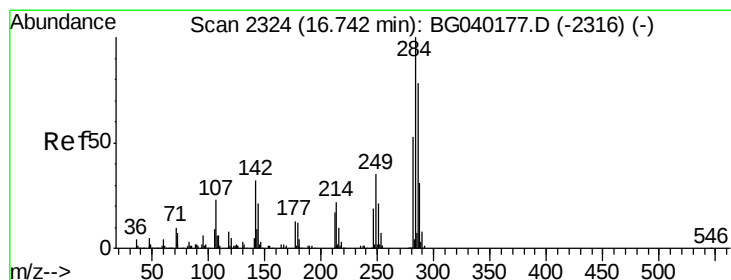
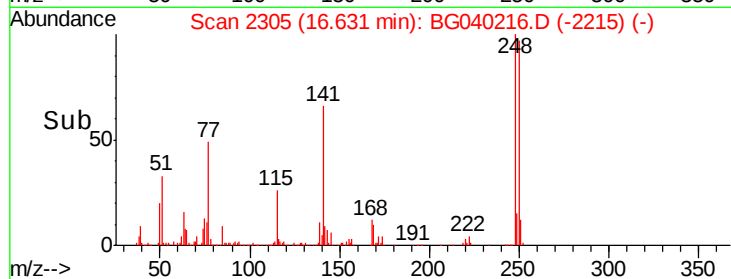
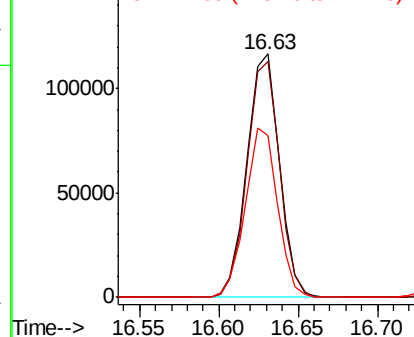


Abundance

Ion 248.00 (247.70 to 248.70): E

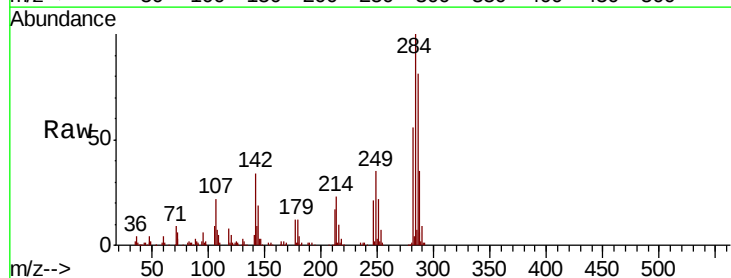
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 42.225 ng
RT: 16.74 min Scan# 2324
Delta R.T. 0.00 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.3	25.3	37.9
249	35.3	28.2	42.2

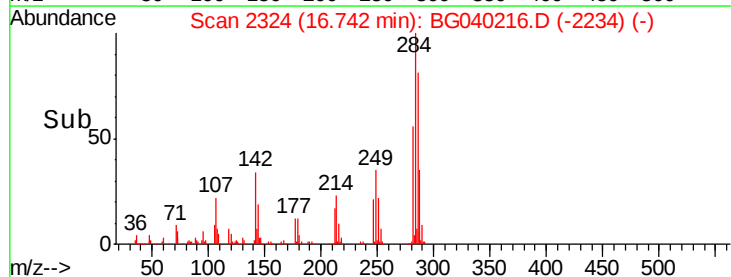
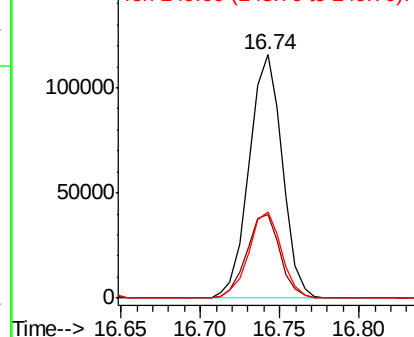


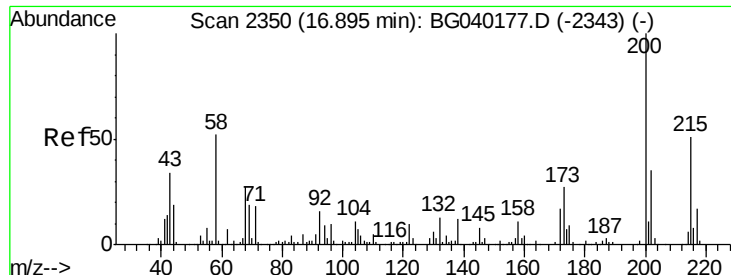
Abundance

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





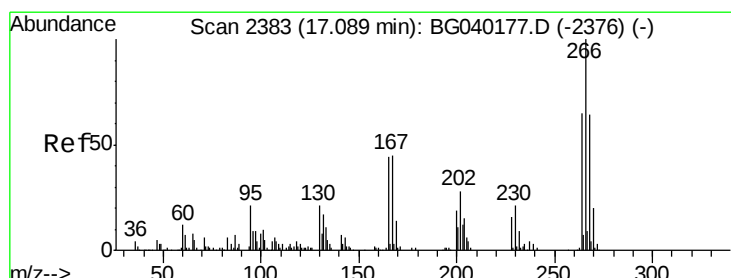
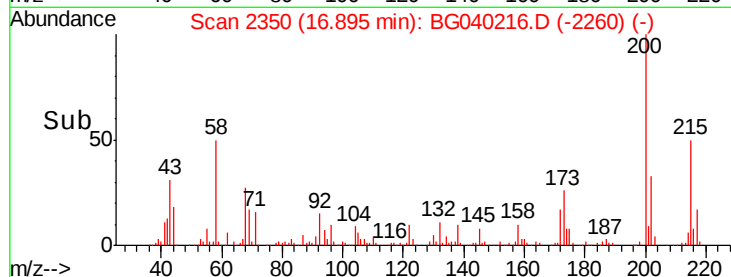
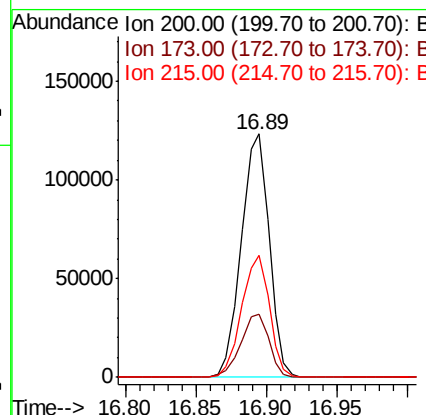
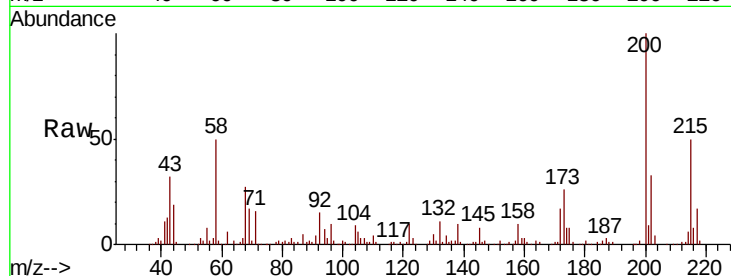
#69
Atrazine
Concen: 44.454 ng
RT: 16.89 min Scan# 2350
Delta R.T. 0.00 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.9	7.1	47.1
215	50.0	30.9	70.9

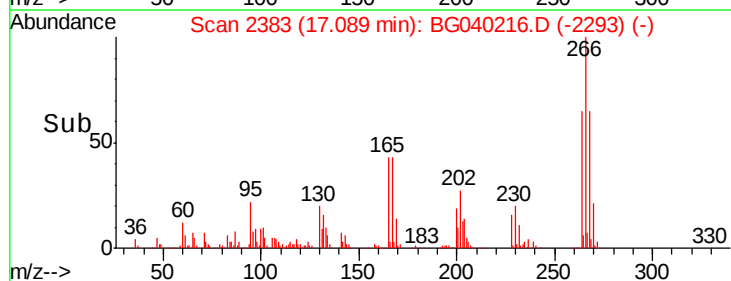
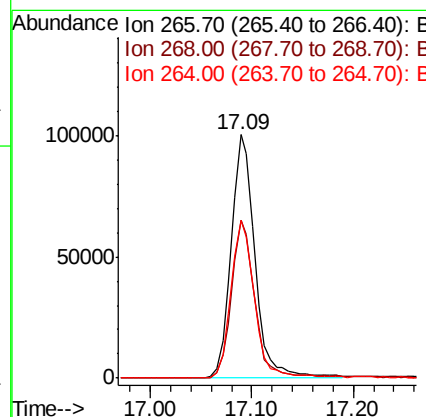
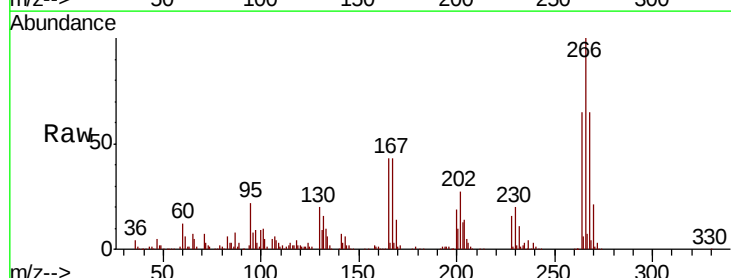
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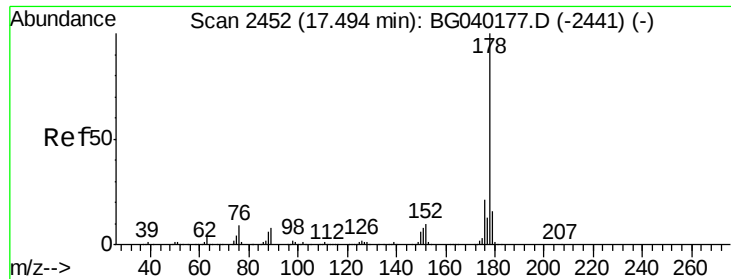
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#70
Pentachlorophenol
Concen: 71.269 ng
RT: 17.09 min Scan# 2383
Delta R.T. 0.00 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	65.0	55.0	82.4
264	64.6	51.8	77.8





#71

Phenanthrene

Concen: 44.800 ng

RT: 17.49 min Scan# 2451

Delta R.T. -0.01 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

Instrument :

BNA_G

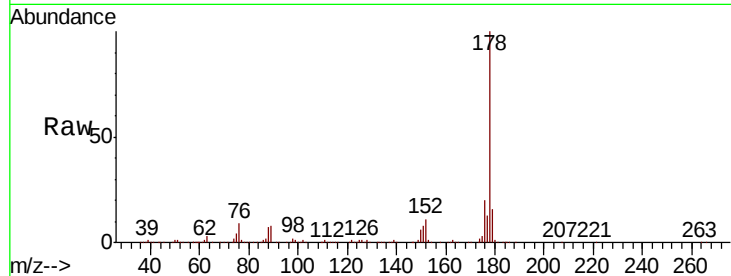
ClientSampled :

TP-1MS

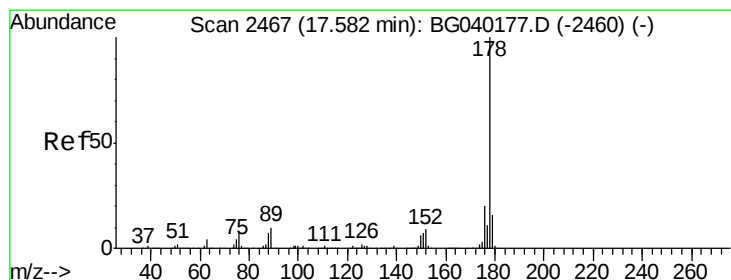
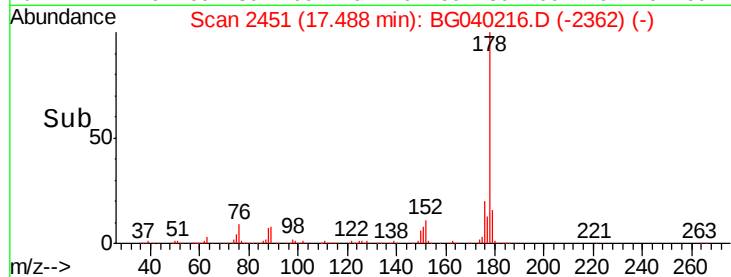
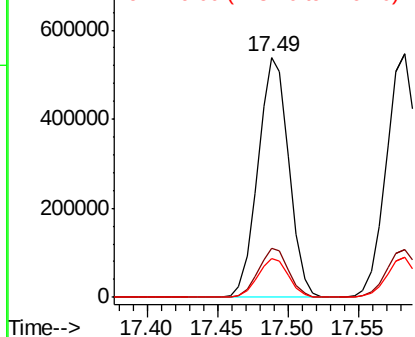
Tot Ion:	178	Resp:	827453
Ion Ratio	Lower	Upper	
178	100		
176	20.4	16.7	25.1
179	16.3	12.8	19.2

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 45.607 ng

RT: 17.58 min Scan# 2467

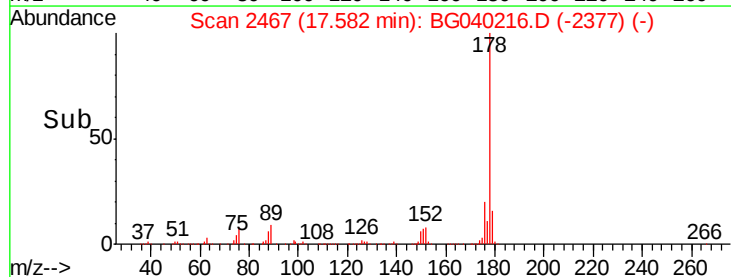
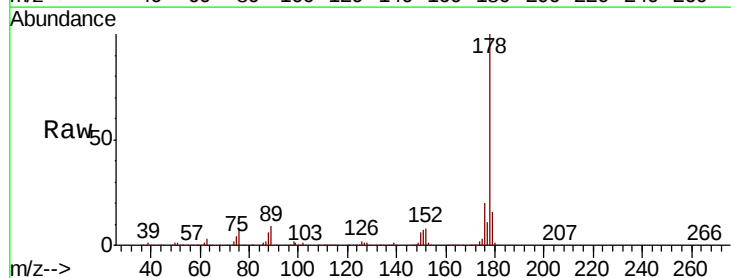
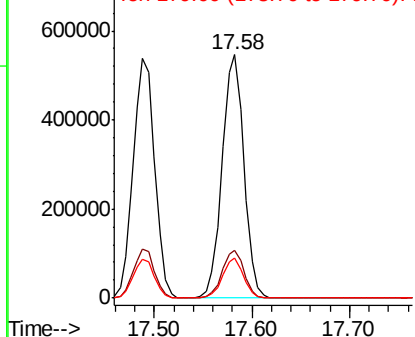
Delta R.T. 0.00 min

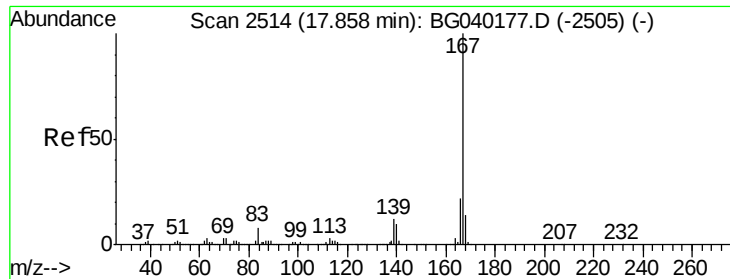
Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

Tgt Ion:	178	Resp:	843136
Ion Ratio	Lower	Upper	
178	100		
176	19.6	15.9	23.9
179	16.3	12.9	19.3

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





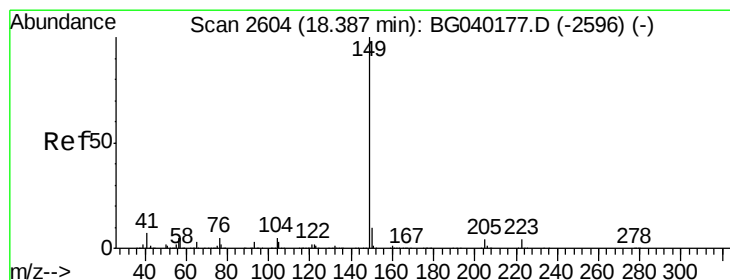
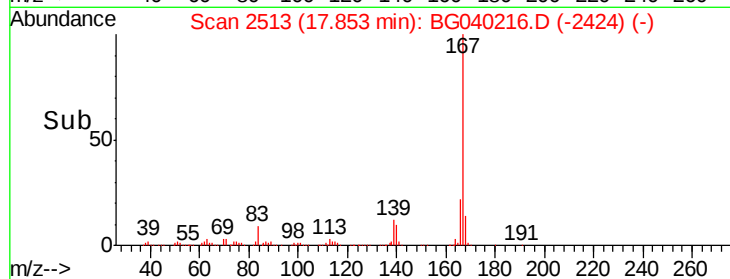
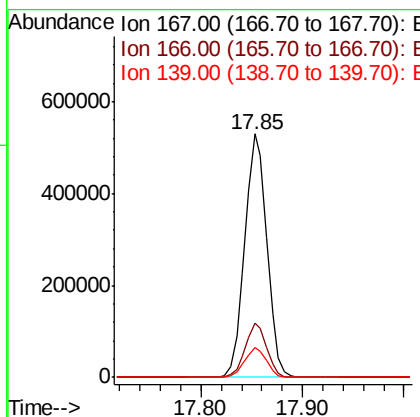
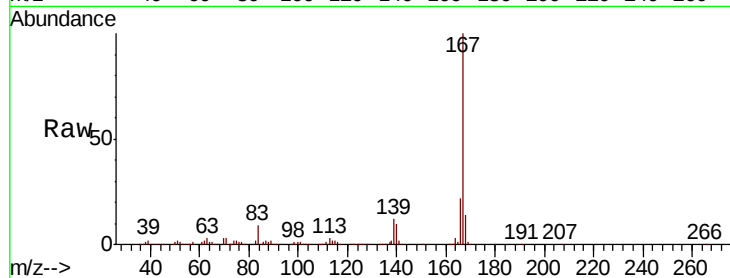
#73
 Carbazole
 Concen: 45.763 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.01 min
 Lab File: BG040216.D
 Acq: 29 Mar 2019 2:24

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.5	26.3
139	12.5	10.0	15.0

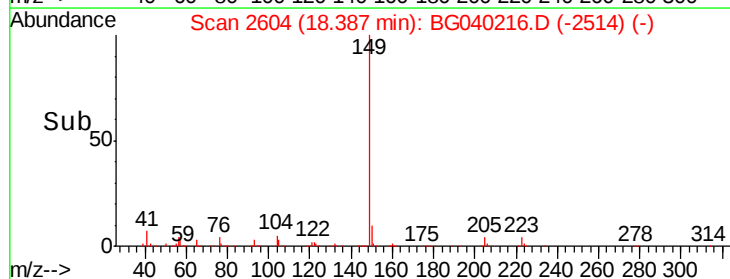
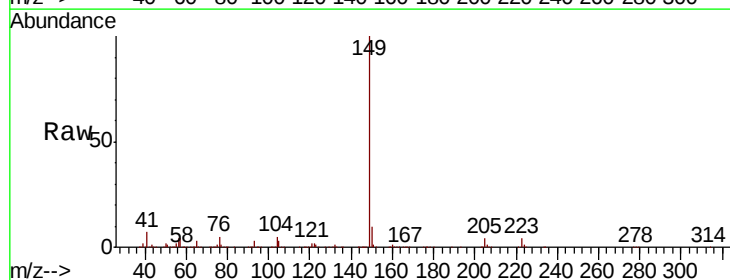
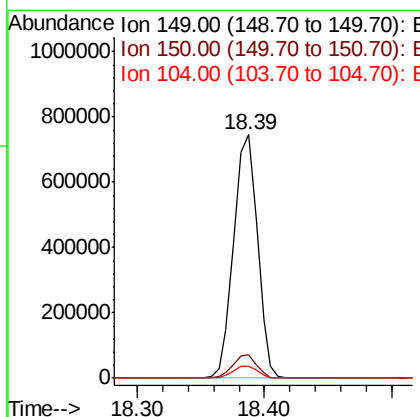
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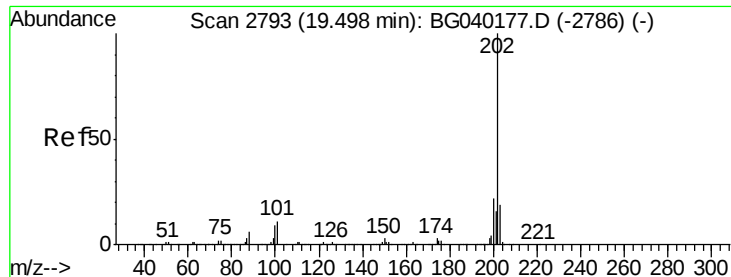
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#74
 Di-n-butylphthalate
 Concen: 46.601 ng
 RT: 18.39 min Scan# 2604
 Delta R.T. 0.00 min
 Lab File: BG040216.D
 Acq: 29 Mar 2019 2:24

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.9	11.9
104	4.9	4.1	6.1





#75

Fluoranthene

Concen: 46.998 ng

RT: 19.49 min Scan# 2792

Delta R.T. -0.01 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

Instrument :

BNA_G

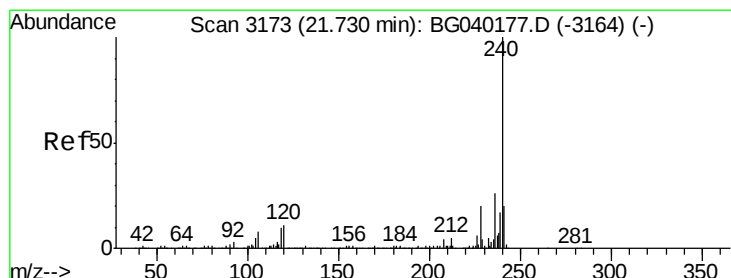
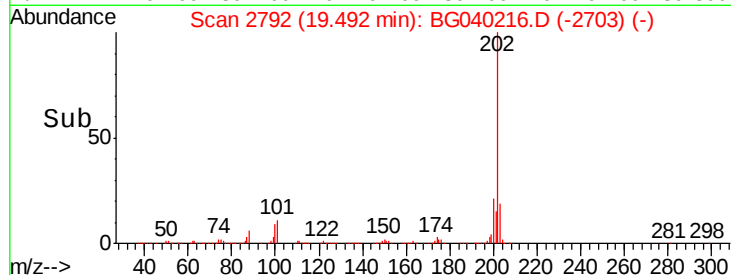
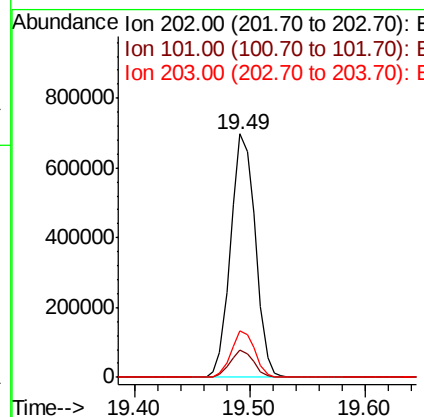
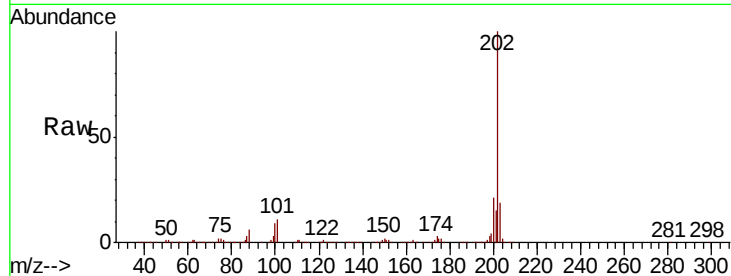
ClientSampleId :

TP-1MS

Tot Ion:	202	Resp:	1027895
Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	30.8
203	19.1	0.0	38.9

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#76

Chrysene-d12

Concen: 20.000 ng

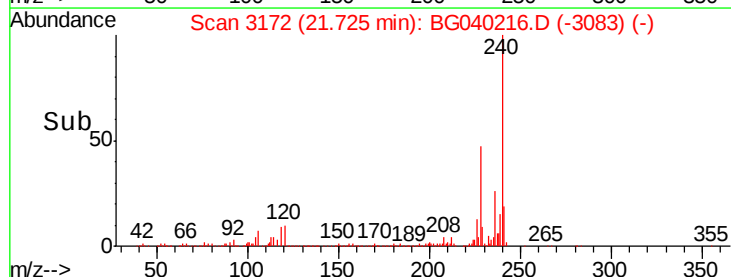
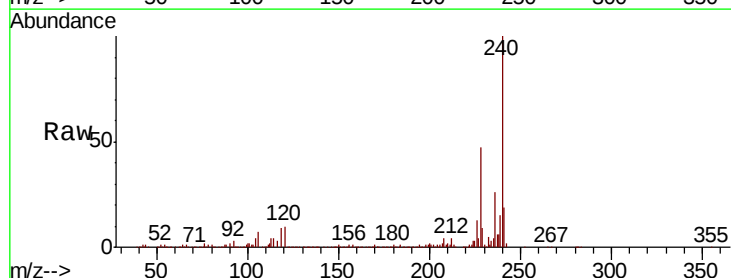
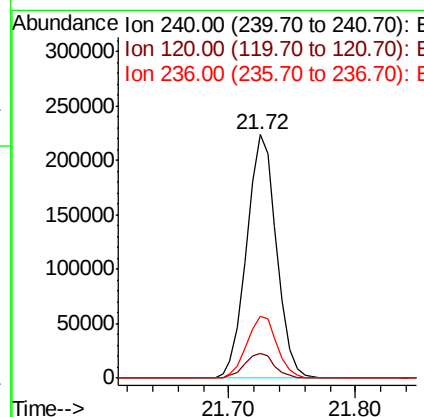
RT: 21.72 min Scan# 3172

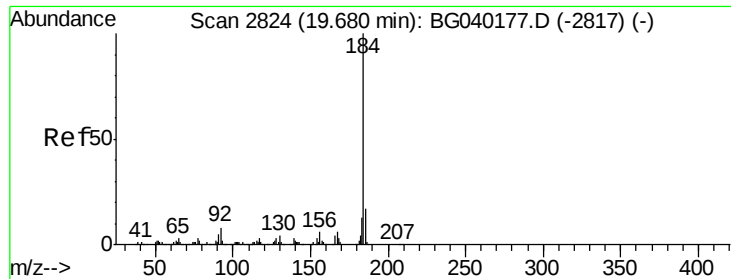
Delta R.T. -0.01 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

Tgt Ion:	240	Resp:	364881
Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.4	12.6
236	25.6	20.8	31.2





#77

Benzidine

Concen: 8.322 ng

RT: 19.68 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

Instrument :

BNA_G

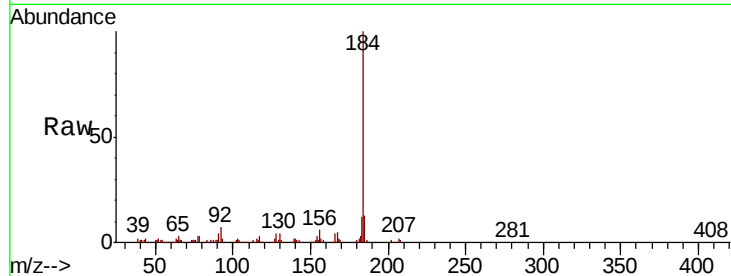
ClientSampled :

TP-1MS

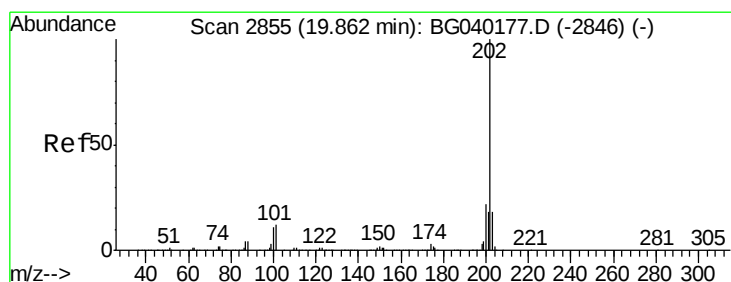
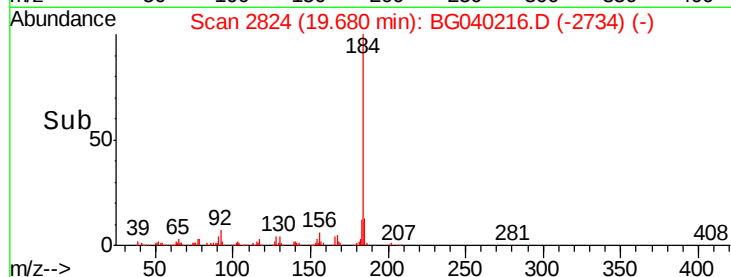
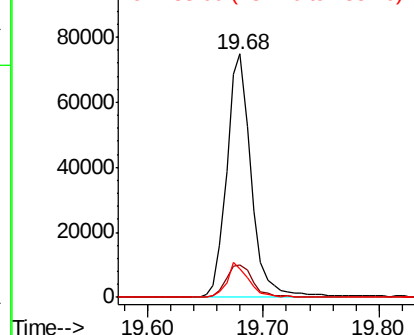
Tot Ion:	184	Resp:	109655
Ion Ratio	Lower	Upper	
184	100		
185	13.4	13.3	19.9
183	11.6	10.3	15.5

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



#78

Pyrene

Concen: 43.481 ng

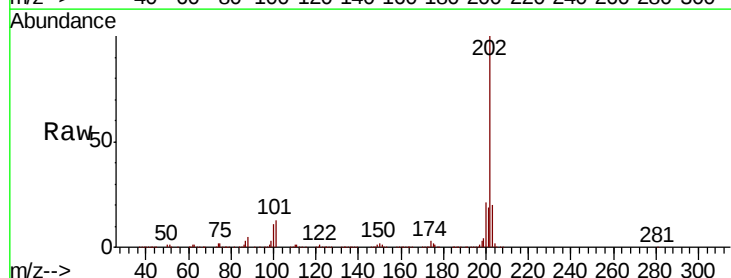
RT: 19.86 min Scan# 2854

Delta R.T. -0.01 min

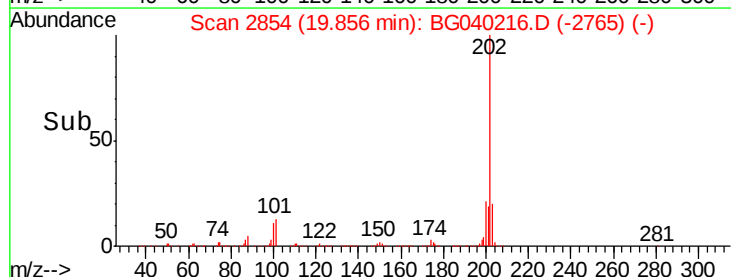
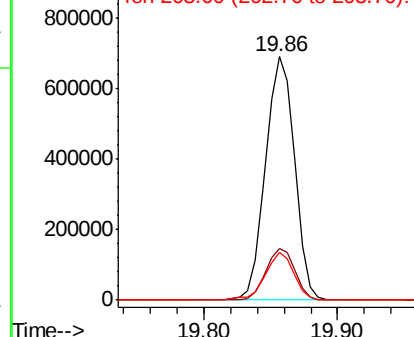
Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

Tgt Ion:	202	Resp:	1043340
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.3	25.9
203	19.7	14.6	22.0



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





#79

Terphenyl-d14

Concen: 86.975 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

Instrument :

BNA_G

ClientSampled :

TP-1MS

Tot Ion:244 Resp: 1410693

Ion Ratio Lower Upper

244 100

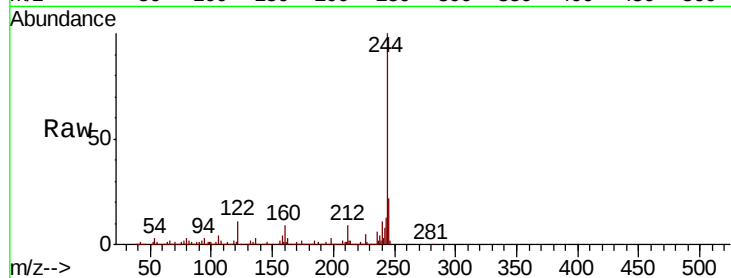
212 9.2 7.0 10.6

122 11.3 8.5 12.7

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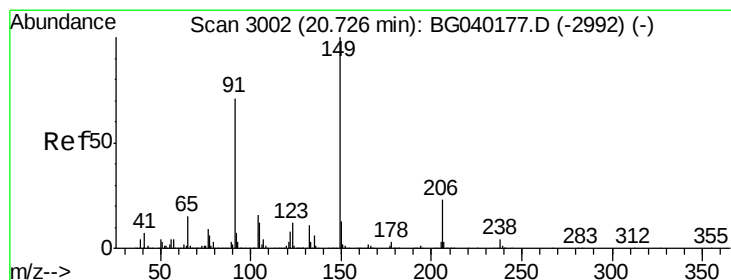
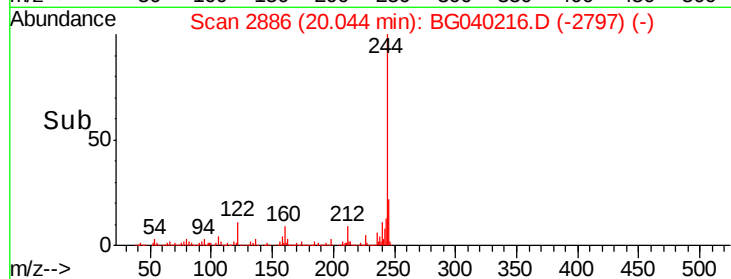
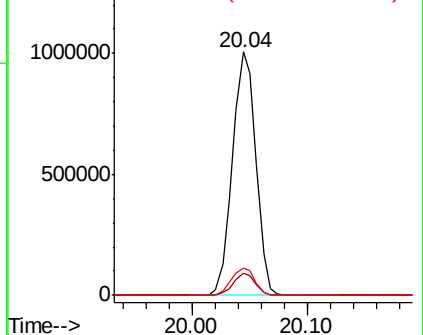
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.443 ng

RT: 20.73 min Scan# 3002

Delta R.T. 0.00 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

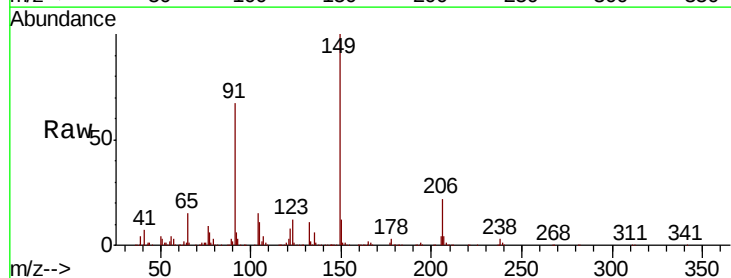
Tgt Ion:149 Resp: 446065

Ion Ratio Lower Upper

149 100

91 67.2 57.0 85.4

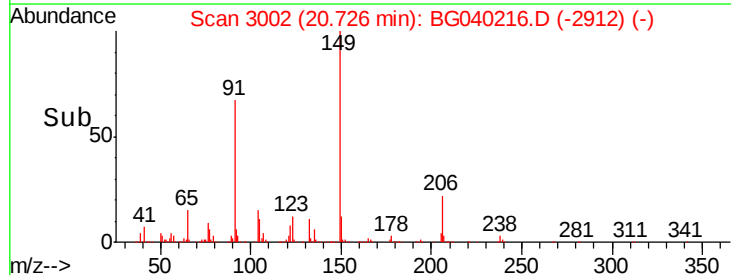
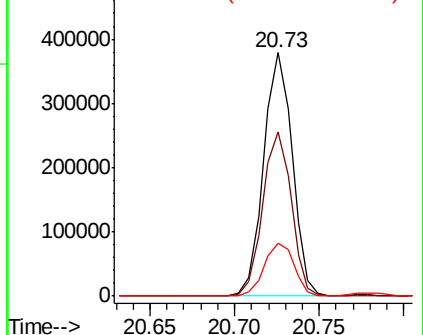
206 21.8 18.2 27.4

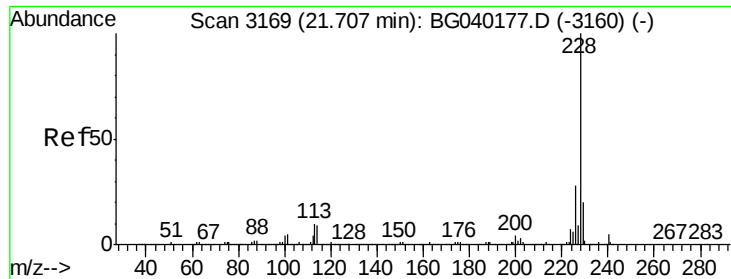


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.669 ng

RT: 21.71 min Scan# 3169

Delta R.T. 0.00 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

Instrument :

BNA_G

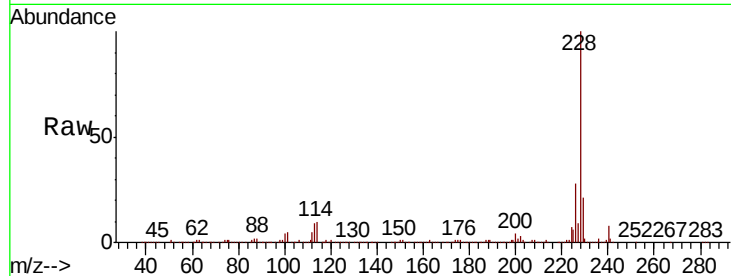
ClientSampled :

TP-1MS

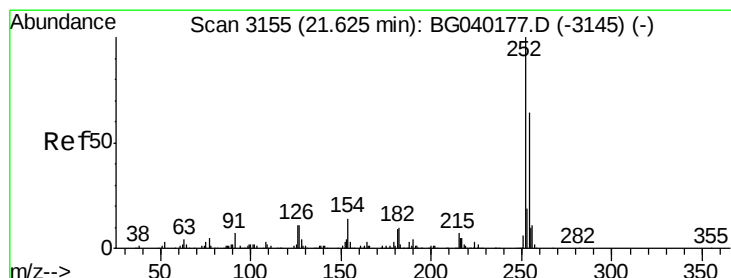
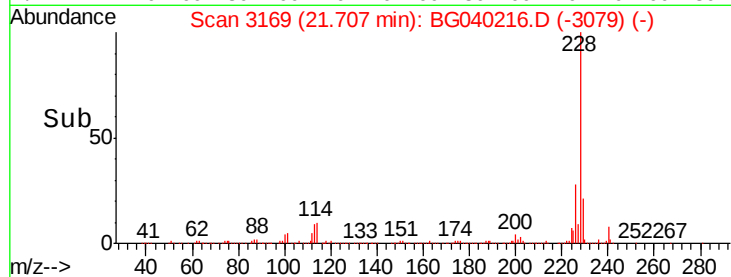
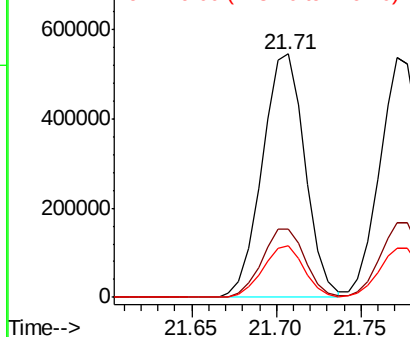
Tot Ion:	228	Resp:	958981
Ion Ratio	Lower	Upper	
228	100		
226	28.1	22.6	34.0
229	20.9	16.1	24.1

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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



#82

3,3'-Dichlorobenzidine

Concen: 11.222 ng

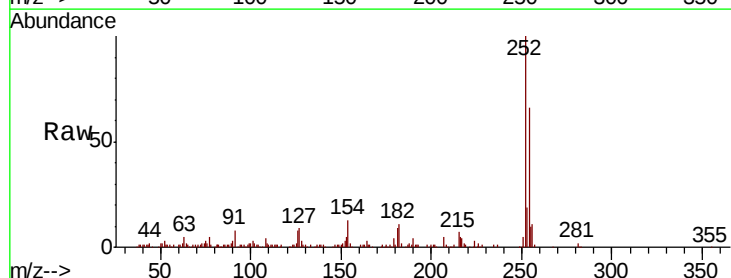
RT: 21.62 min Scan# 3154

Delta R.T. -0.01 min

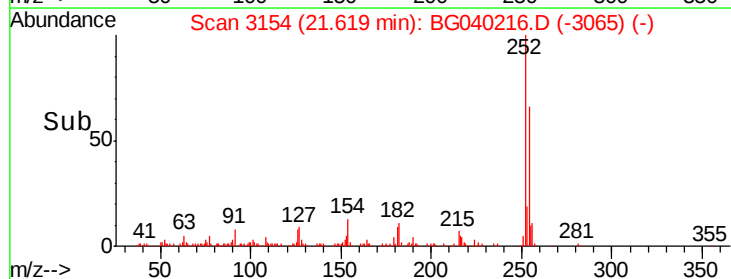
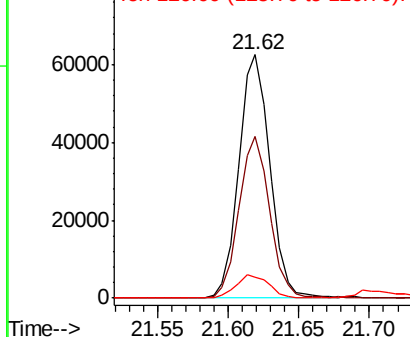
Lab File: BG040216.D

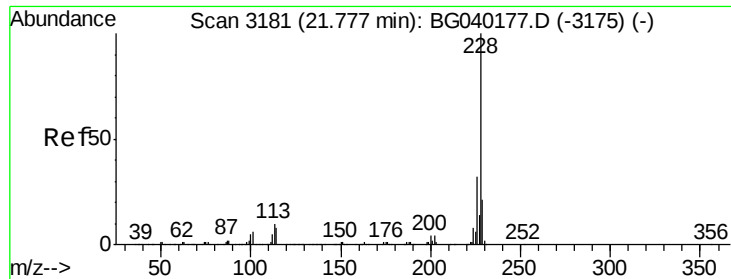
Acq: 29 Mar 2019 2:24

Tgt Ion:	252	Resp:	95945
Ion Ratio	Lower	Upper	
252	100		
254	66.3	51.4	77.2
126	8.5	8.5	12.7#



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





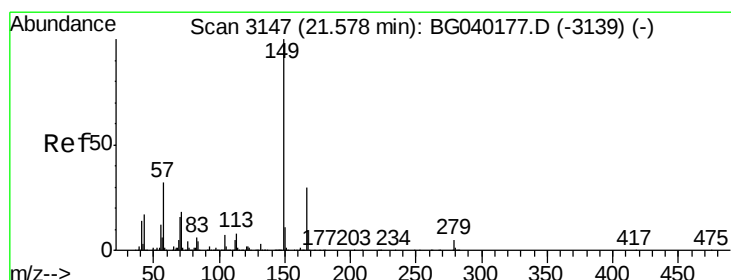
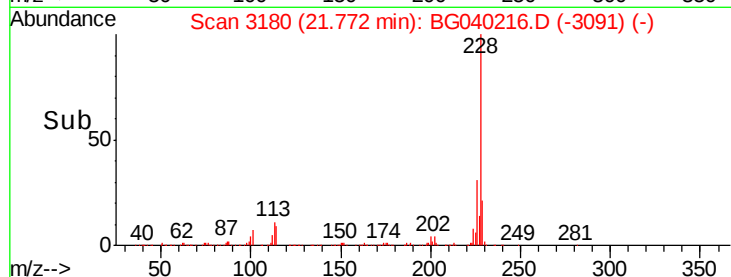
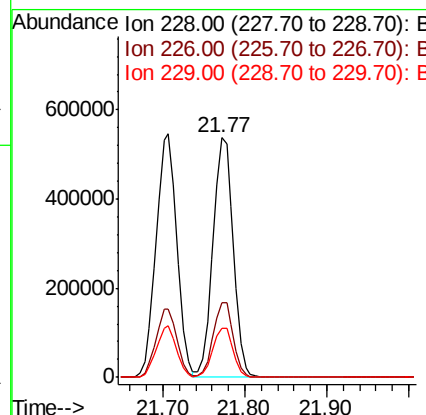
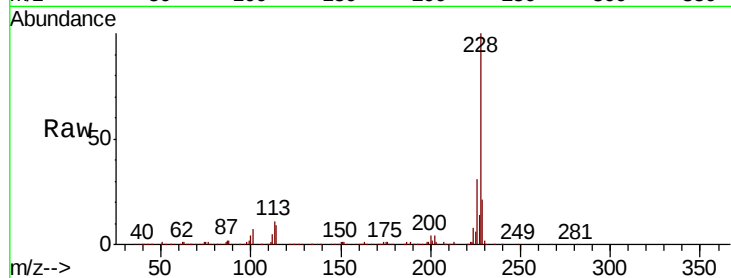
#83
 Chrysene
 Concen: 42.955 ng
 RT: 21.77 min Scan# 3180
 Delta R.T. -0.01 min
 Lab File: BG040216.D
 Acq: 29 Mar 2019 2:24

Instrument :
 BNA_G
 ClientSampled :
 TP-1MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.4	38.0
229	20.7	17.0	25.4

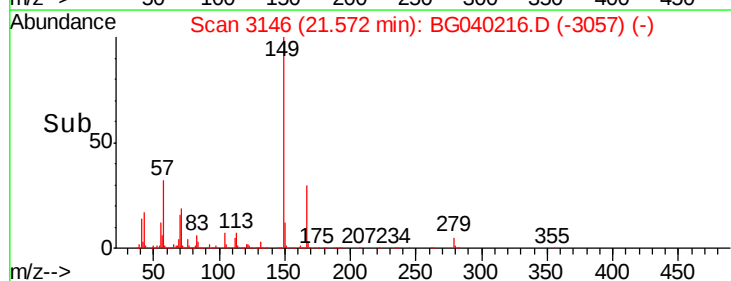
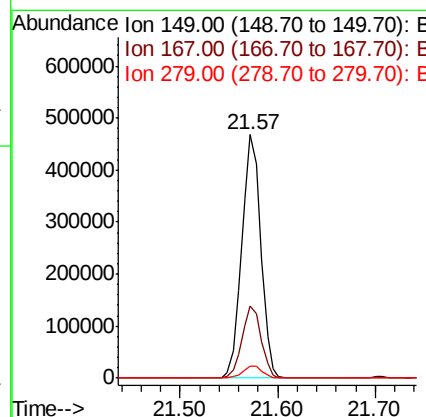
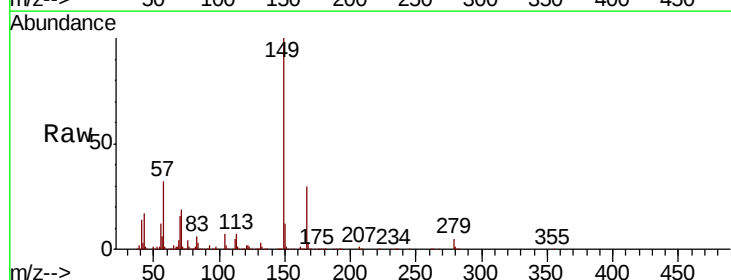
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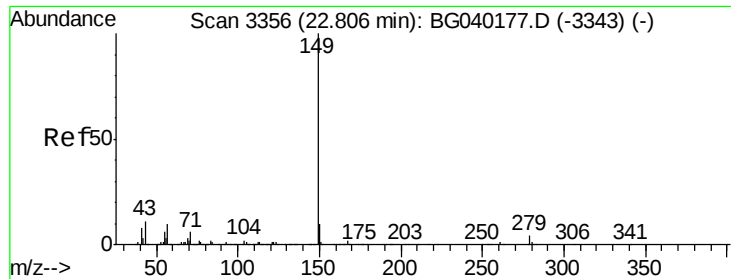
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.214 ng
 RT: 21.57 min Scan# 3146
 Delta R.T. -0.01 min
 Lab File: BG040216.D
 Acq: 29 Mar 2019 2:24

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.9	24.1	36.1
279	4.7	4.1	6.1





#85

Di-n-octyl phthalate

Concen: 43.647 ng

RT: 22.80 min Scan# 3355

Delta R.T. -0.01 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

Instrument :

BNA_G

ClientSampleId :

TP-1MS

Tot Ion:149 Resp: 1091464

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

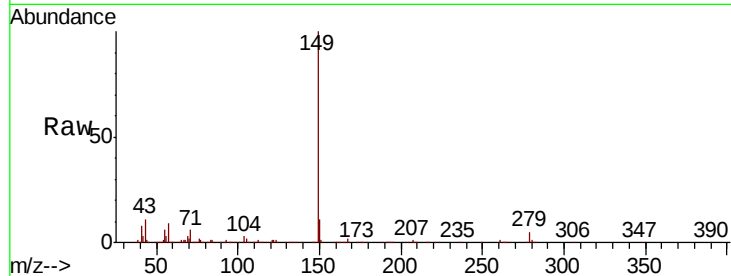
43 10.4 8.7 13.1

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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

800000

600000

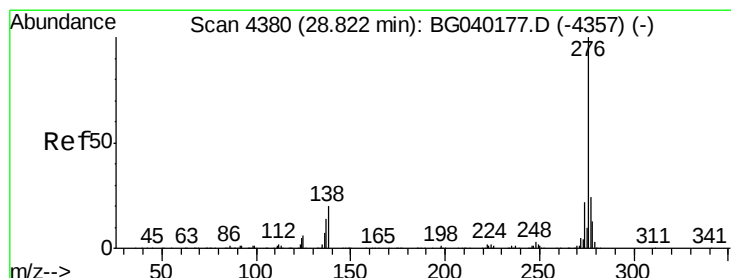
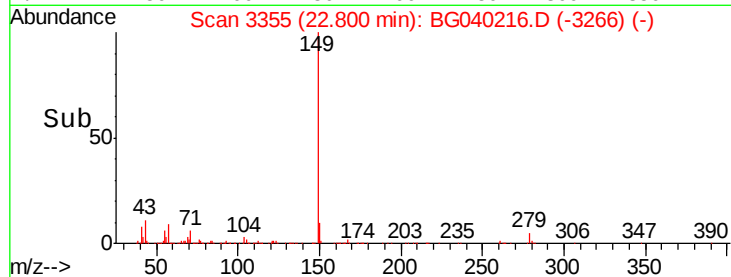
400000

200000

0

22.70 22.80 22.90

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.052 ng

RT: 28.82 min Scan# 4379

Delta R.T. -0.01 min

Lab File: BG040216.D

Acq: 29 Mar 2019 2:24

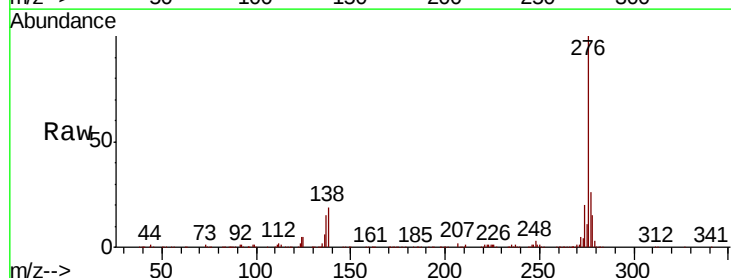
Tgt Ion:276 Resp: 1163739

Ion Ratio Lower Upper

276 100

138 16.4 18.8 28.2#

277 25.9 21.0 31.4



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

250000

200000

150000

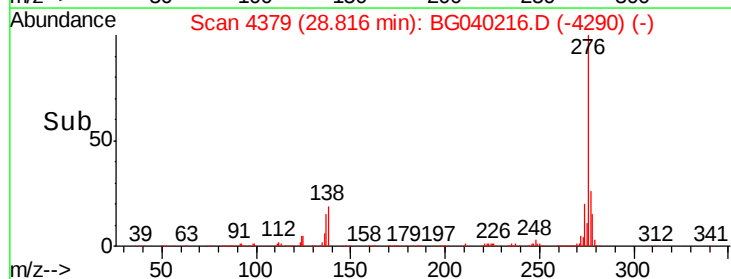
100000

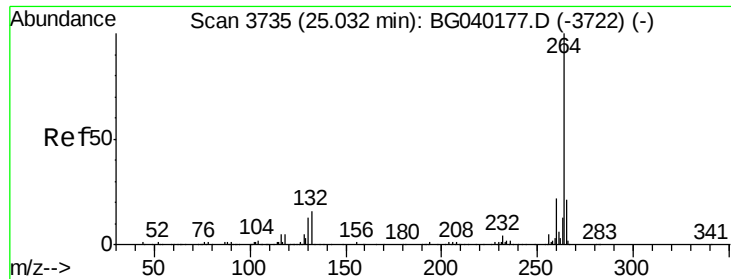
50000

0

28.60 28.80 29.00

Time-->





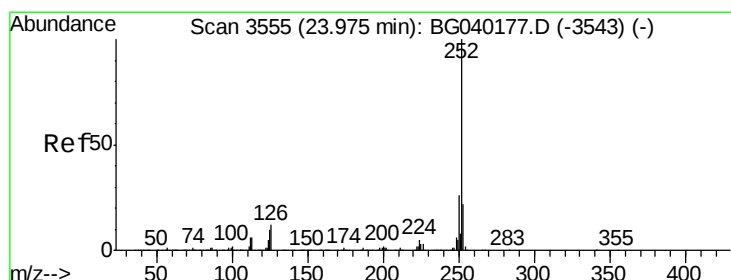
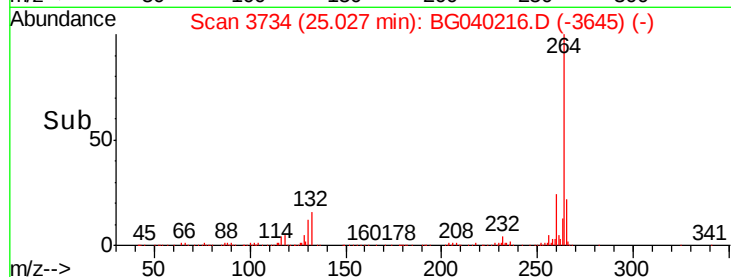
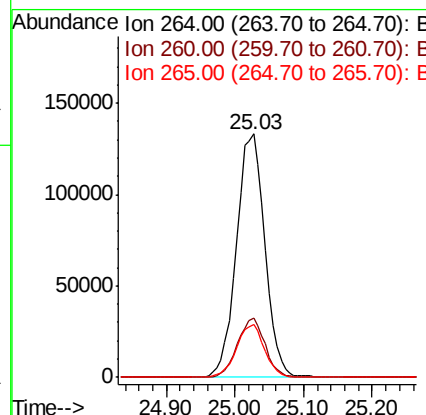
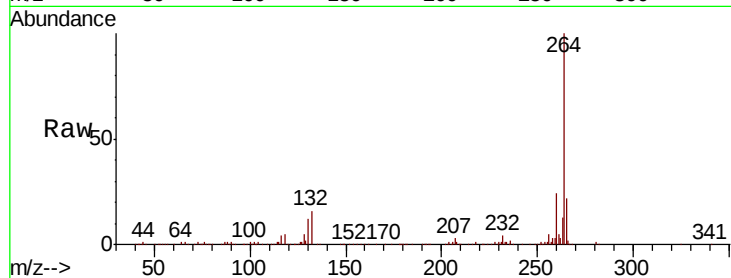
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3734
Delta R.T. -0.01 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.9	26.9
265	21.9	16.8	25.2

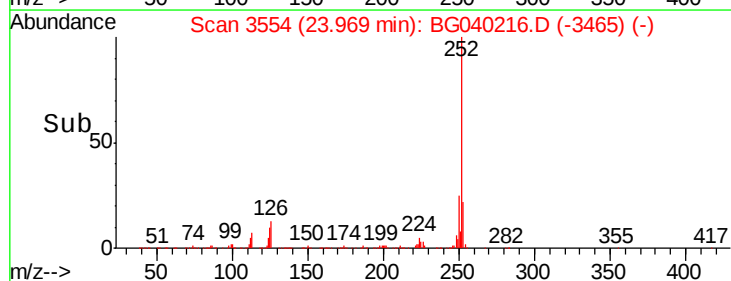
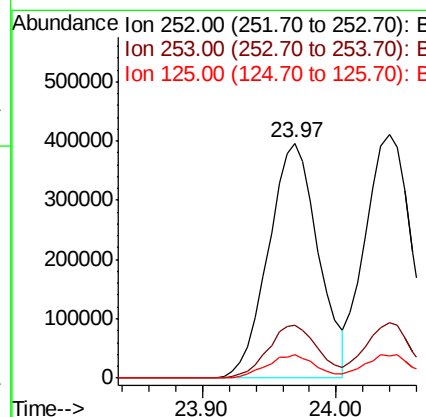
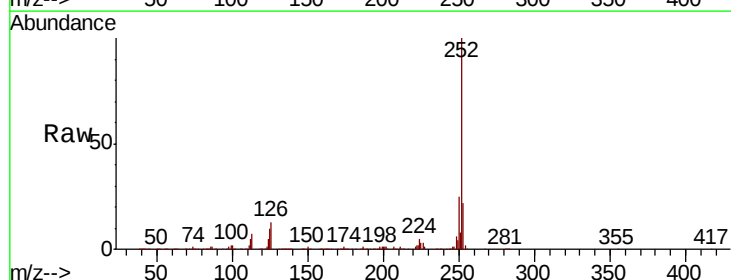
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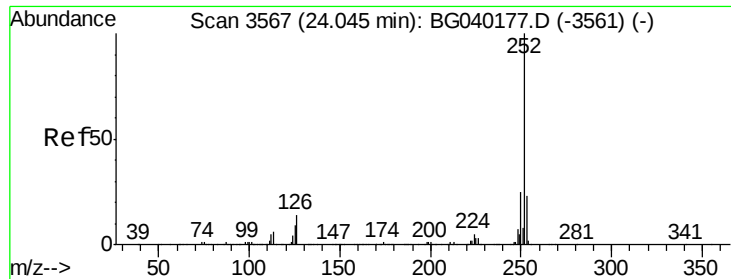
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#88
Benzo(b)fluoranthene
Concen: 43.961 ng
RT: 23.97 min Scan# 3554
Delta R.T. -0.01 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	10.1	8.2	12.4





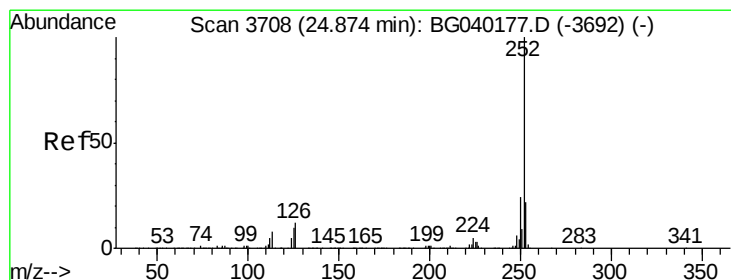
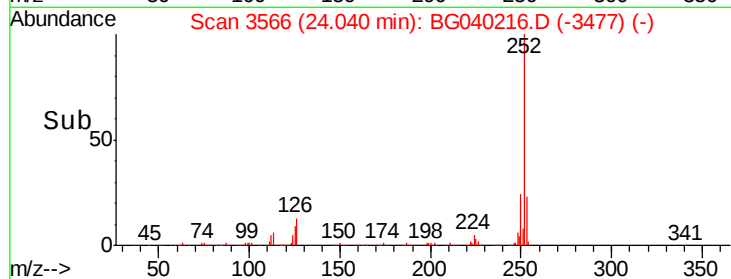
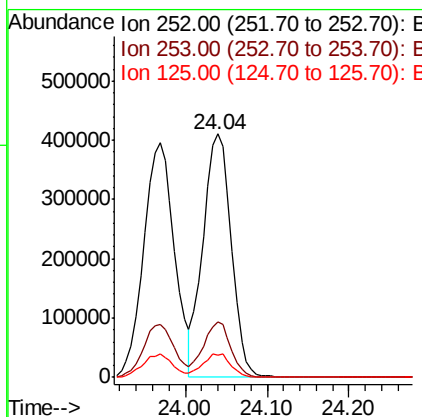
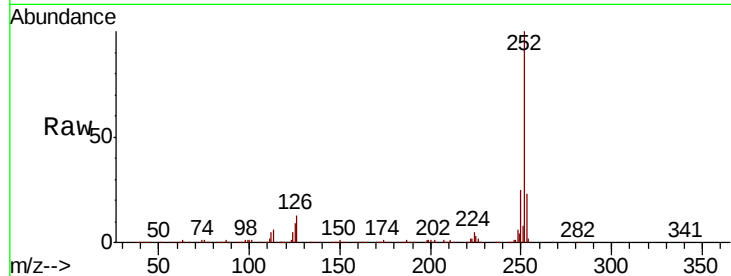
#89
Benzo(k)fluoranthene
Concen: 45.712 ng
RT: 24.04 min Scan# 3566
Delta R.T. -0.01 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Instrument :
BNA_G
ClientSampled :
TP-1MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.6	28.0
125	9.3	7.3	10.9

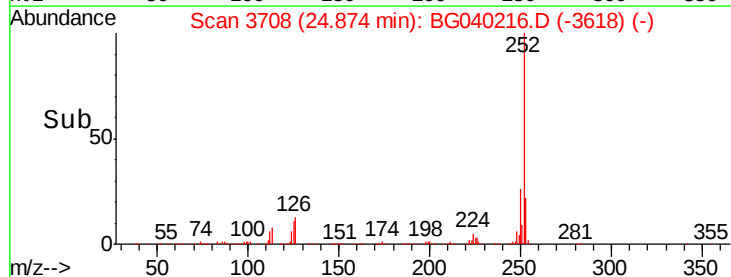
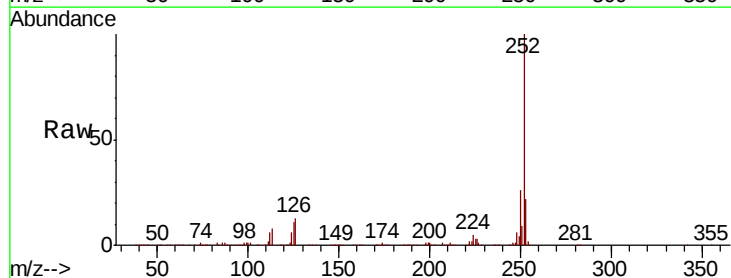
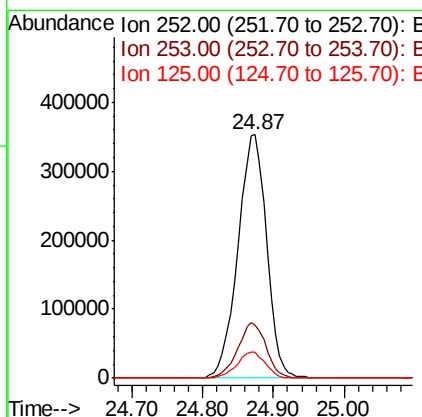
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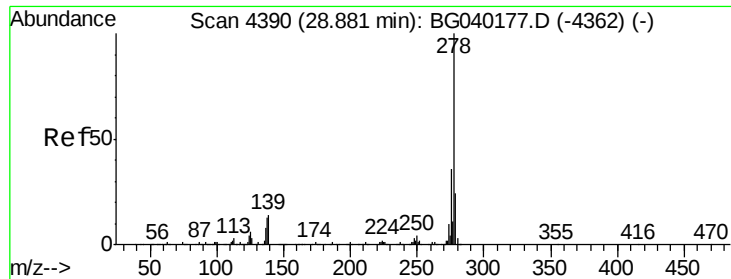
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#90
Benzo(a)pyrene
Concen: 45.415 ng
RT: 24.87 min Scan# 3708
Delta R.T. 0.00 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	10.9	8.3	12.5





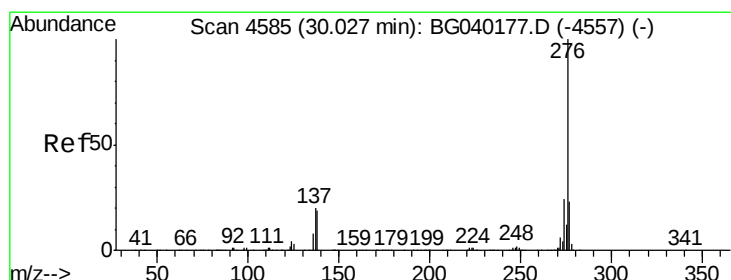
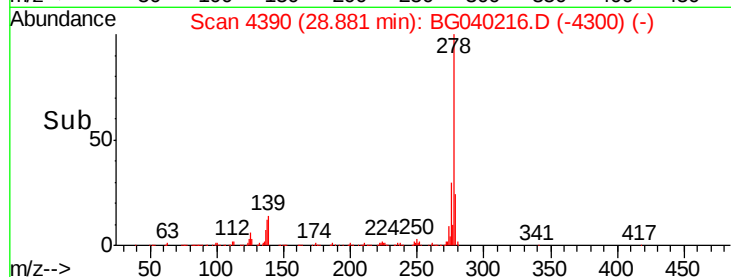
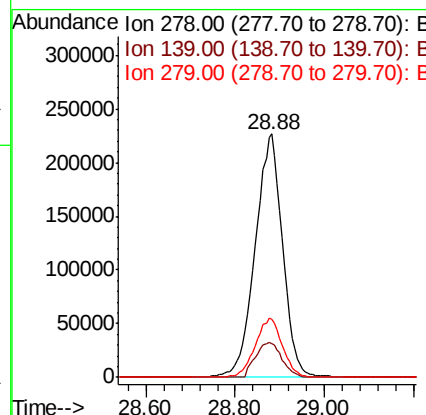
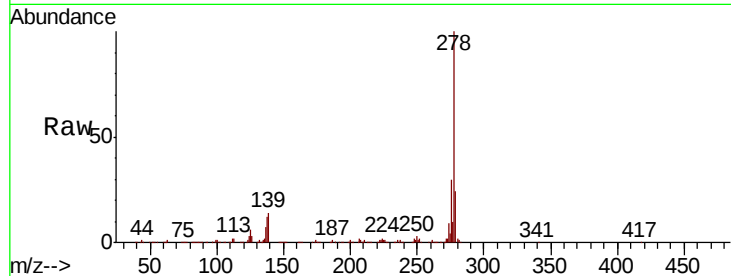
#91
Dibenzo(a,h)anthracene
Concen: 46.702 ng
RT: 28.88 min Scan# 4390
Delta R.T. 0.00 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.0	11.2	16.8
279	23.6	18.9	28.3

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 45.571 ng
RT: 30.01 min Scan# 4582
Delta R.T. -0.02 min
Lab File: BG040216.D
Acq: 29 Mar 2019 2:24

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.6	28.0
138	20.0	15.2	22.8

