

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032819\
 Data File : BG040217.D
 Acq On : 29 Mar 2019 3:03
 Operator : JU/SJ
 Sample : K2107-02MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

Manual Integrations
 APPROVED

Sohil
 3/29/2019 4:45:42 PM

Quant Time: Mar 29 08:09:56 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	55127	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	232765	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	148090	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	362738	20.00	ng	0.00
76) Chrysene-d12	21.72	240	362318	20.00	ng	0.00
87) Perylene-d12	25.03	264	374806	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	419651	126.55	ng	0.00
7) Phenol-d6	7.22	99	540087	117.85	ng	0.00
23) Nitrobenzene-d5	9.24	82	380595	86.91	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	238785	149.20	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	849302	84.98	ng	0.00
79) Terphenyl-d14	20.04	244	1396278	86.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	53427	34.264	ng	# 1
3) Pyridine	3.93	79	134926	32.139	ng	98
4) n-Nitrosodimethylamine	3.85	42	68880	35.469	ng	# 88
6) Aniline	7.40	93	71119	11.944	ng	97
8) 2-Chlorophenol	7.64	128	164638	42.413	ng	97
9) Benzaldehyde	7.21	77	38251	12.168	ng	97
10) Phenol	7.25	94	186013	37.394	ng	97
11) bis(2-Chloroethyl)ether	7.49	93	163097	40.937	ng	98
12) 1,3-Dichlorobenzene	7.96	146	155976	36.963	ng	98
13) 1,4-Dichlorobenzene	8.11	146	159553	37.964	ng	100
14) 1,2-Dichlorobenzene	8.42	146	150263	37.387	ng	97
15) Benzyl Alcohol	8.31	79	148946	40.356	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.59	45	295014	38.582	ng	98
17) 2-Methylphenol	8.50	107	146795	42.647	ng	98
18) Hexachloroethane	9.15	117	56932	35.613	ng	94
19) n-Nitroso-di-n-propylamine	8.87	70	130848	39.822	ng	97
20) 3+4-Methylphenols	8.83	107	198479	42.564	ng	97
22) Acetophenone	8.90	105	255401	43.987	ng	# 98
24) Nitrobenzene	9.29	77	189263	41.737	ng	97
25) Isophorone	9.80	82	382208	42.419	ng	99
26) 2-Nitrophenol	10.00	139	90931	42.319	ng	96
27) 2,4-Dimethylphenol	10.04	122	168146	49.265	ng	99
28) bis(2-Chloroethoxy)methane	10.28	93	227366	42.652	ng	99
29) 2,4-Dichlorophenol	10.53	162	172819	46.649	ng	98
30) 1,2,4-Trichlorobenzene	10.74	180	165516	40.688	ng	99
31) Naphthalene	10.94	128	498002	41.741	ng	99
32) Benzoic acid	10.15	122	7686m	3.727	ng	
33) 4-Chloroaniline	11.05	127	12173	2.392	ng	# 91
34) Hexachlorobutadiene	11.20	225	98752	37.958	ng	93
35) Caprolactam	11.83	113	46233m	31.447	ng	
36) 4-Chloro-3-methylphenol	12.16	107	195029	45.792	ng	99
37) 2-Methylnaphthalene	12.54	142	377274	42.756	ng	99
38) 1-Methylnaphthalene	12.75	142	362987	42.422	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	197602	41.982	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	213537	82.626	nq	96
43) 2,4,6-Trichlorophenol	13.13	196	144054	47.470	nq	95
44) 2,4,5-Trichlorophenol	13.21	196	151415	45.777	nq	97
46) 1,1'-Biphenyl	13.53	154	492685	42.106	nq	100
47) 2-Chloronaphthalene	13.58	162	383502	42.728	nq	99
48) 2-Nitroaniline	13.79	65	131911	43.571	nq	97
49) Acenaphthylene	14.43	152	648170	42.593	nq	100
50) Dimethylphthalate	14.15	163	525605	45.349	nq	99
51) 2,6-Dinitrotoluene	14.28	165	120927	46.467	nq	98
52) Acenaphthene	14.77	154	379003	43.464	nq	96
53) 3-Nitroaniline	14.62	138	23129	8.396	nq	# 98
54) 2,4-Dinitrophenol	14.82	184	41358	29.883	nq	95
55) Dibenzofuran	15.10	168	621857	44.381	nq	99
56) 4-Nitrophenol	14.92	139	172828	77.735	nq	93
57) 2,4-Dinitrotoluene	15.07	165	170038	47.023	nq	98
58) Fluorene	15.74	166	493640	44.810	nq	94
59) 2,3,4,6-Tetrachlorophenol	15.32	232	145474	48.466	nq	99
60) Diethylphthalate	15.50	149	547458	46.160	nq	100
61) 4-Chlorophenyl-phenylether	15.73	204	265313	45.056	nq	98
62) 4-Nitroaniline	15.78	138	121403	41.066	nq	98
63) Azobenzene	16.03	77	498118	44.526	nq	99
65) 4,6-Dinitro-2-methylphenol	15.83	198	50636	24.847	nq	97
66) n-Nitrosodiphenylamine	15.95	169	465990	43.900	nq	97
67) 4-Bromophenyl-phenylether	16.63	248	177794	43.555	nq	99
68) Hexachlorobenzene	16.74	284	181306	44.174	nq	95
69) Atrazine	16.89	200	176859	44.790	nq	96
70) Pentachlorophenol	17.09	266	169143	71.282	nq	96
71) Phenanthrene	17.49	178	849719	44.567	nq	100
72) Anthracene	17.58	178	874383	45.818	nq	99
73) Carbazole	17.85	167	821109	45.464	nq	100
74) Di-n-butylphthalate	18.39	149	972028	45.405	nq	99
75) Fluoranthene	19.50	202	1045057	46.289	nq	99
77) Benzidine	19.68	184	116785	8.926	nq	97
78) Pyrene	19.86	202	1054576	44.261	nq	99
80) Butylbenzylphthalate	20.73	149	447465	43.888	nq	98
81) Benzo(a)anthracene	21.71	228	961808	43.098	nq	100
82) 3,3'-Dichlorobenzidine	21.62	252	98376	11.588	nq	99
83) Chrysene	21.77	228	930410	43.380	nq	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	629322	43.180	nq	99
85) Di-n-octyl phthalate	22.80	149	1075782	43.324	nq	99
86) Indeno(1,2,3-cd)pyrene	28.80	276	1164248	44.383	nq	# 91
88) Benzo(b)fluoranthene	23.97	252	1023773	44.615	nq	99
89) Benzo(k)fluoranthene	24.04	252	989221	46.877	nq	99
90) Benzo(a)pyrene	24.87	252	994146	46.174	nq	100
91) Dibenzo(a,h)anthracene	28.87	278	940883	47.053	nq	99
92) Benzo(g,h,i)perylene	30.00	276	964011	46.910	nq	98

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

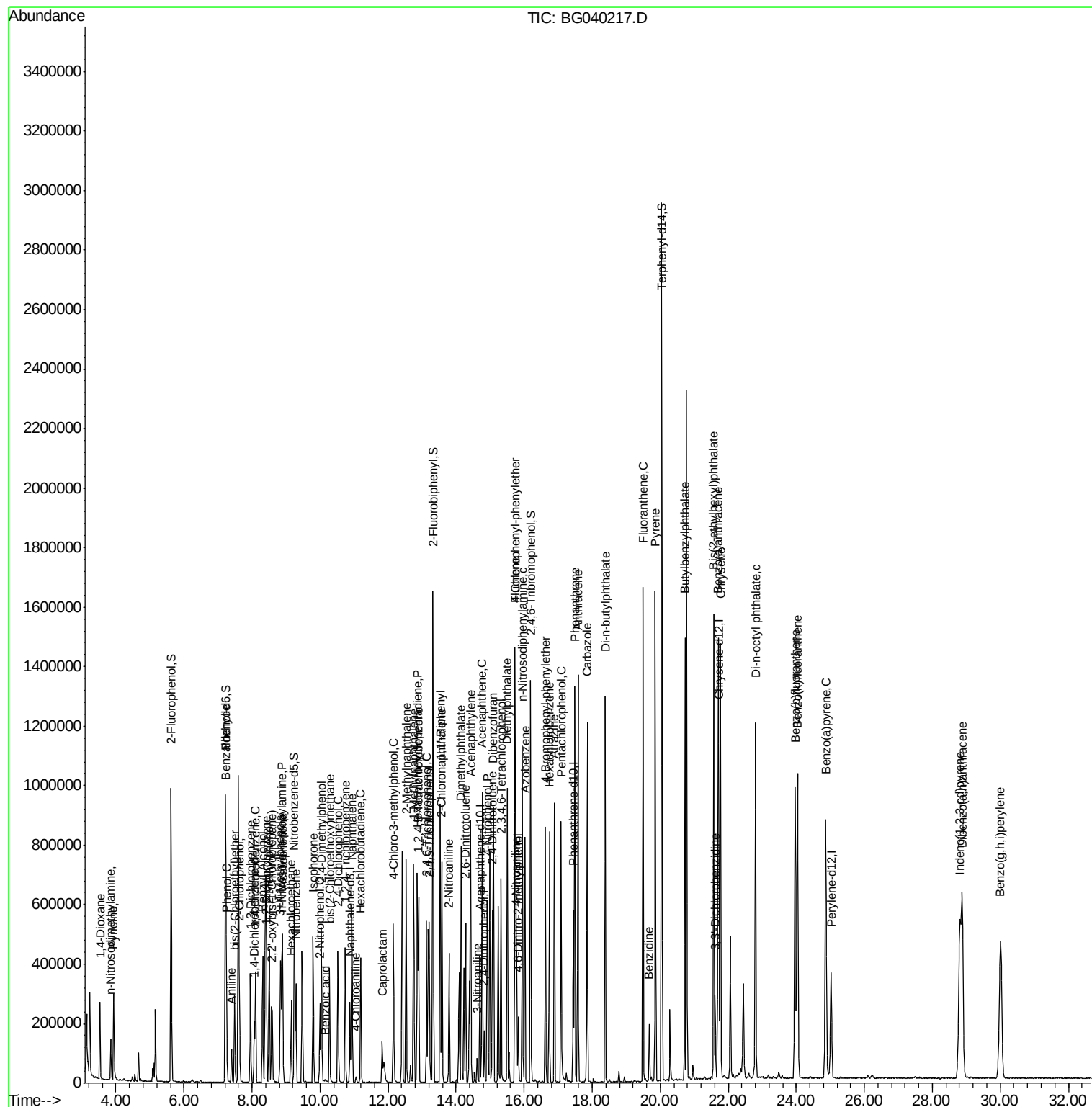
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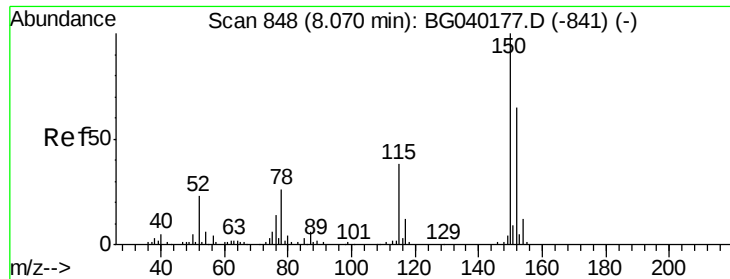
Instrument :
BNA_G
ClientSampled :
TP-1MSD

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#1

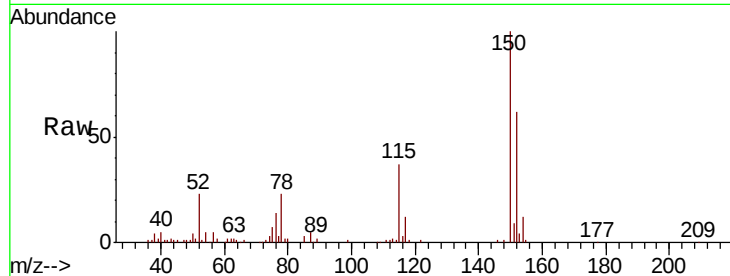
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.00 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

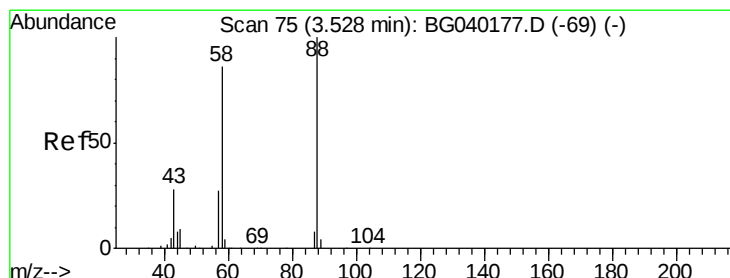
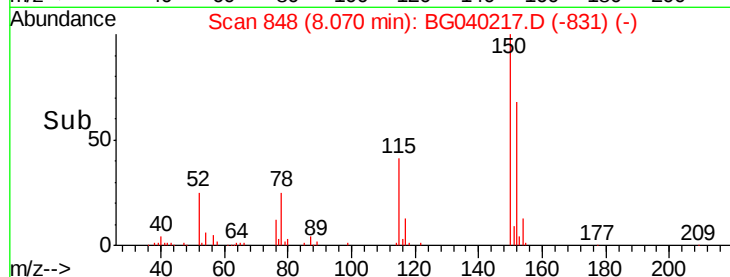
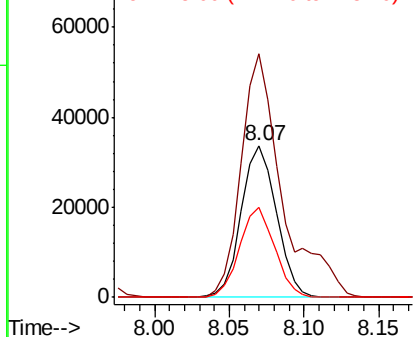
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.6	123.7	185.5
115	59.7	46.9	70.3

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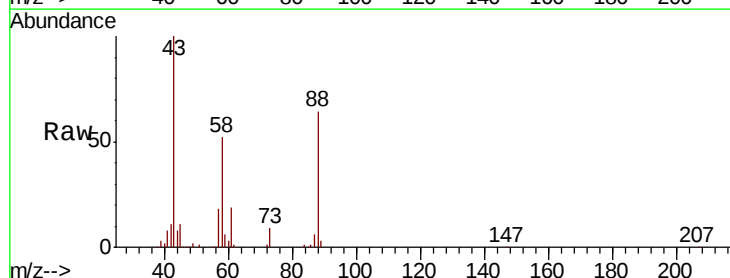
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



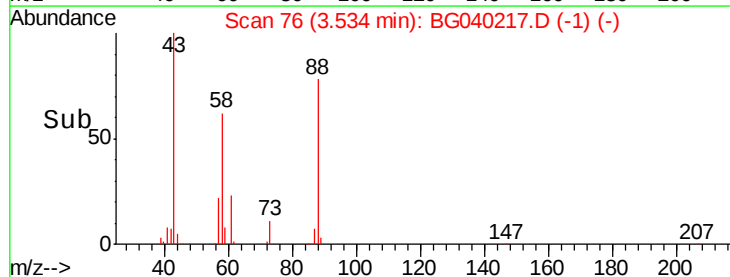
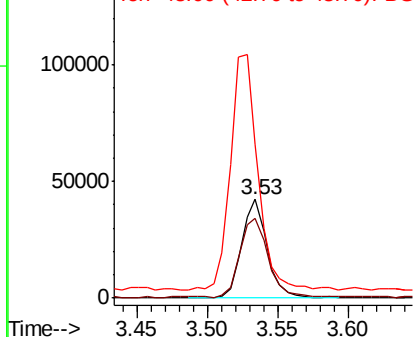
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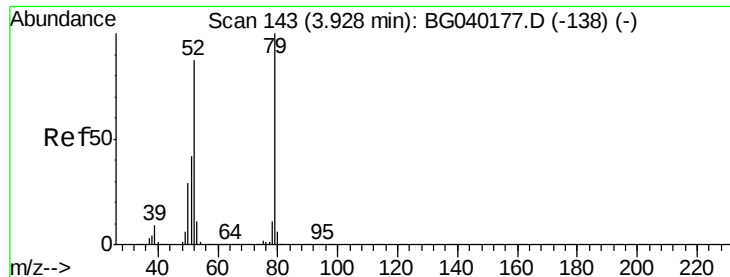
1,4-Dioxane
Concen: 34.264 ng
RT: 3.53 min Scan# 76
Delta R.T. 0.01 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.8	70.6	106.0
43	257.1	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: 32.139 ng

RT: 3.93 min Scan# 144

Delta R.T. 0.01 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

Instrument :

BNA_G

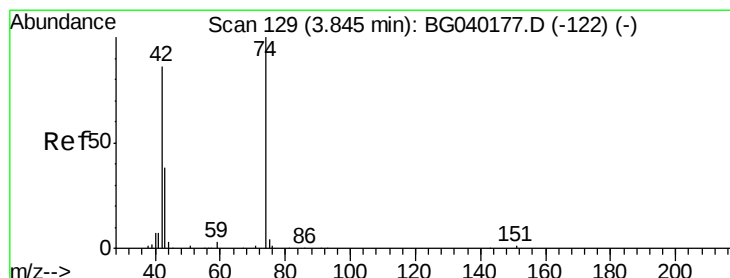
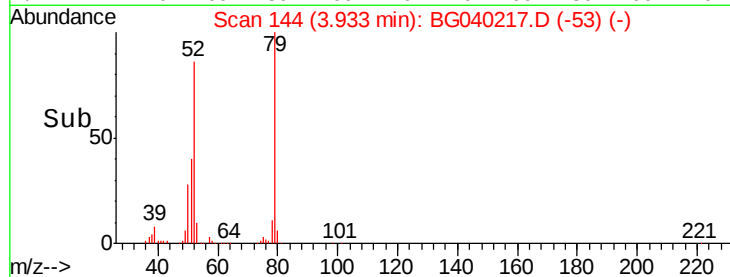
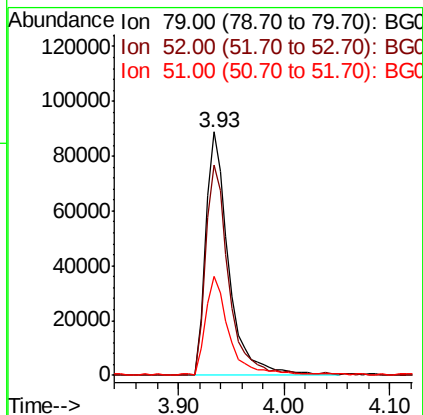
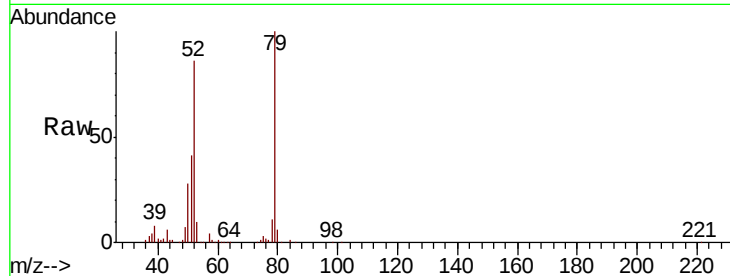
ClientSampleId :

TP-1MSD

Tot Ion:	79	Resp:	134926
Ion Ratio	Lower	Upper	
79	100		
52	86.2	69.8	104.8
51	40.7	33.9	50.9

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#4

n-Nitrosodimethylamine

Concen: 35.469 ng

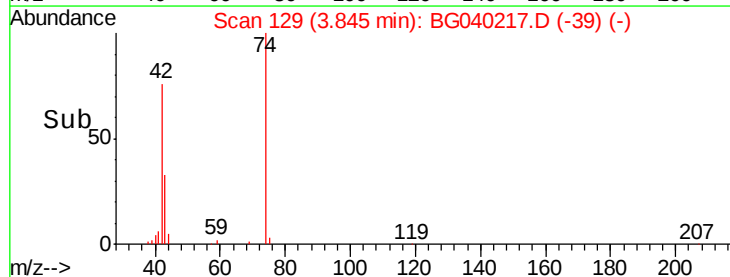
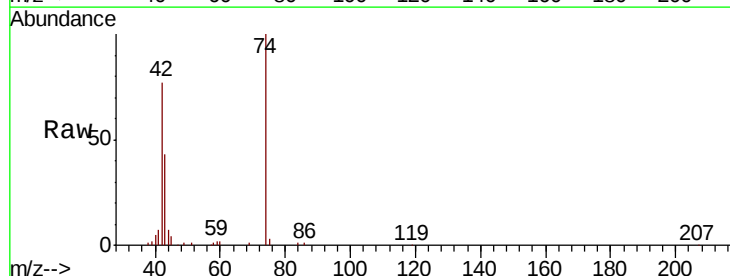
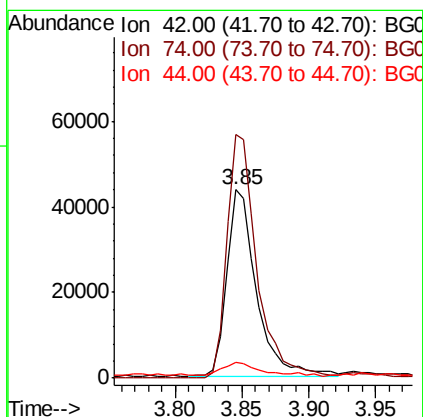
RT: 3.85 min Scan# 129

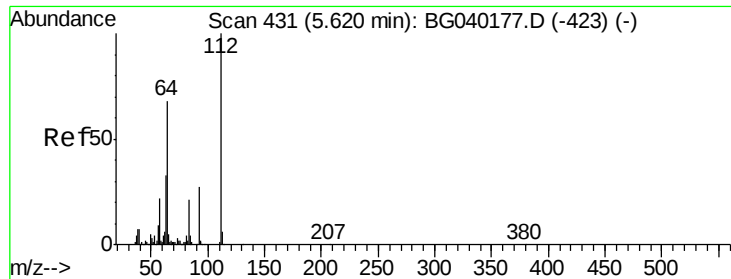
Delta R.T. -0.00 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

Tgt Ion:	42	Resp:	68880
Ion Ratio	Lower	Upper	
42	100		
74	129.2	92.9	139.3
44	8.7	9.7	14.5#





#5

2-Fluorophenol

Concen: 126.550 ng

RT: 5.63 min Scan# 432

Delta R.T. 0.01 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

Instrument :

BNA_G

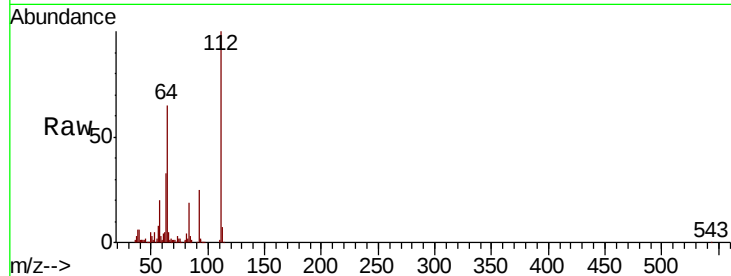
ClientSampleId :

TP-1MSD

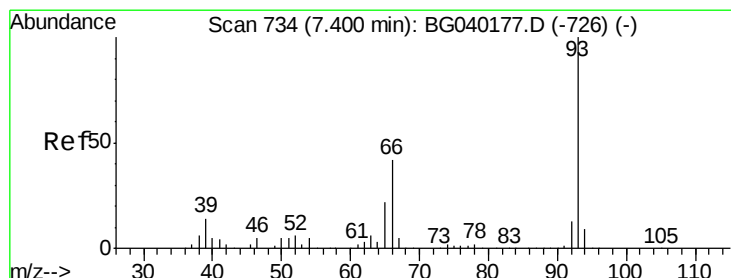
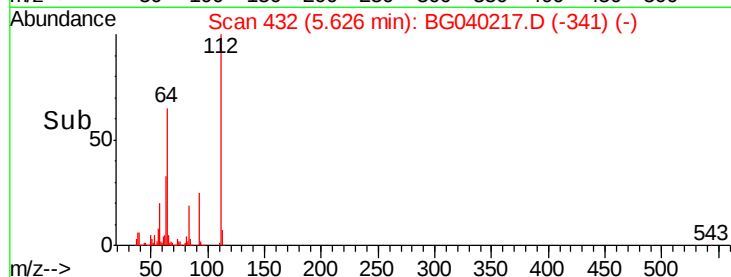
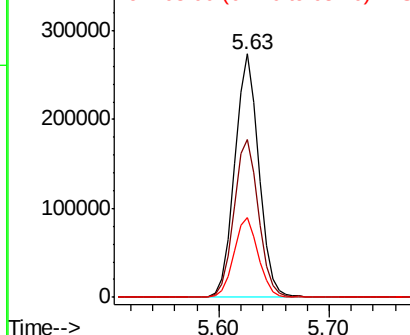
Tot Ion:	112	Resp:	419651
Ion Ratio	Lower	Upper	
112	100		
64	65.0	54.2	81.2
63	32.7	26.4	39.6

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



#6

Aniline

Concen: 11.944 ng

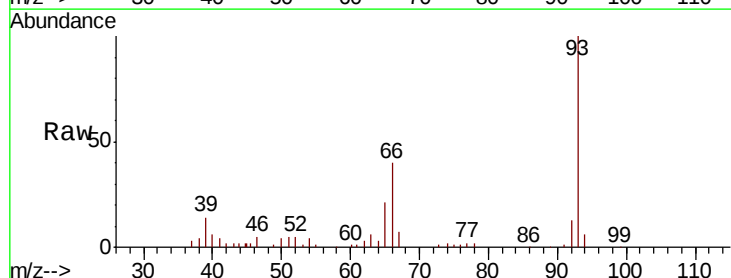
RT: 7.40 min Scan# 734

Delta R.T. -0.00 min

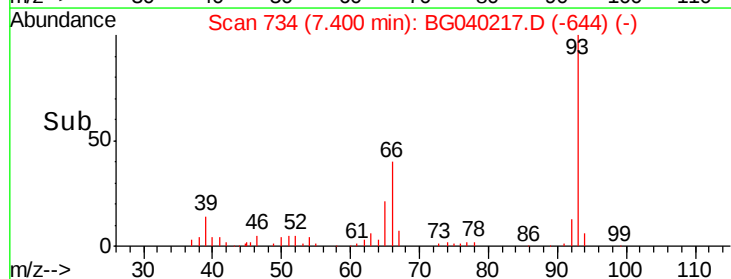
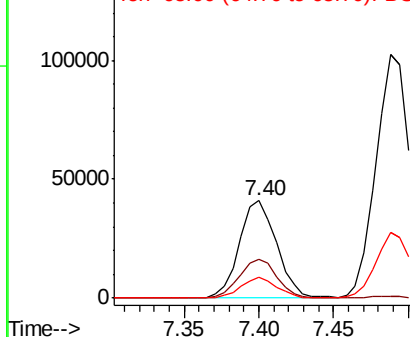
Lab File: BG040217.D

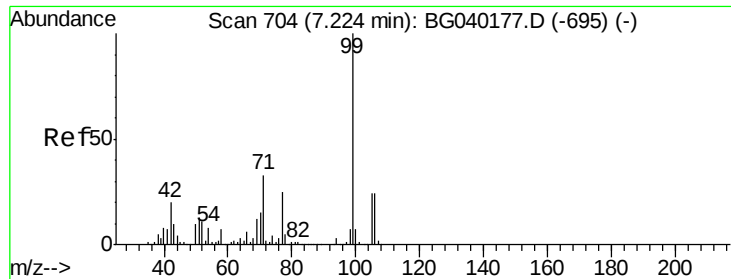
Acq: 29 Mar 2019 3:03

Tgt Ion:	93	Resp:	71119
Ion Ratio	Lower	Upper	
93	100		
66	39.7	33.6	50.4
65	21.0	17.4	26.2



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





#7

Phenol-d6

Concen: 117.849 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.00 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

Instrument :

BNA_G

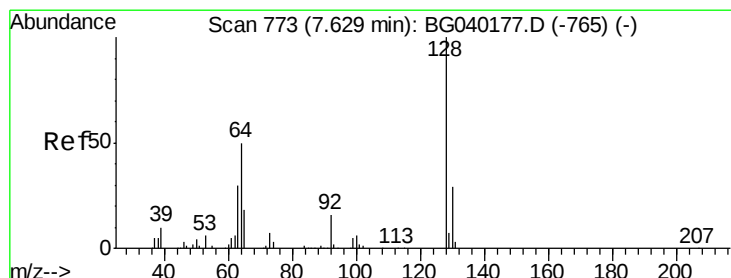
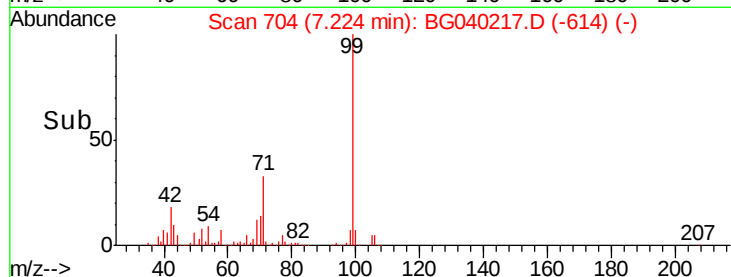
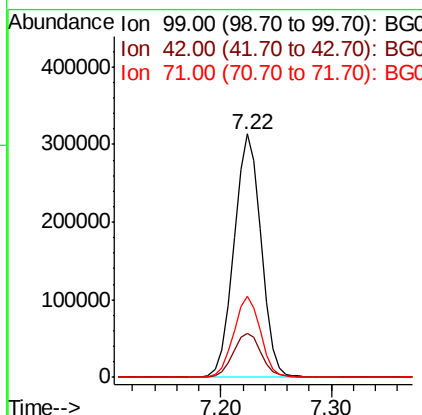
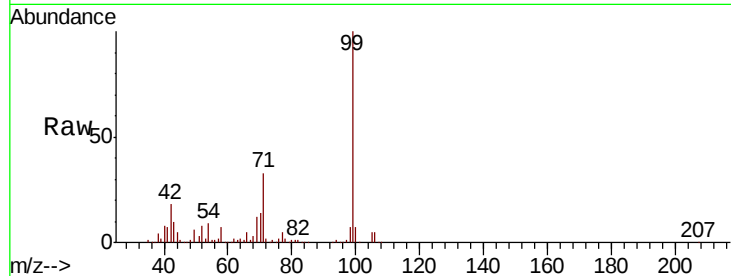
ClientSampleId :

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Tot Ion:	99	Resp:	540087
Ion	Ratio	Lower	Upper
99	100		
42	18.1	16.2	24.2
71	33.3	26.8	40.2

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#8

2-Chlorophenol

Concen: 42.413 ng

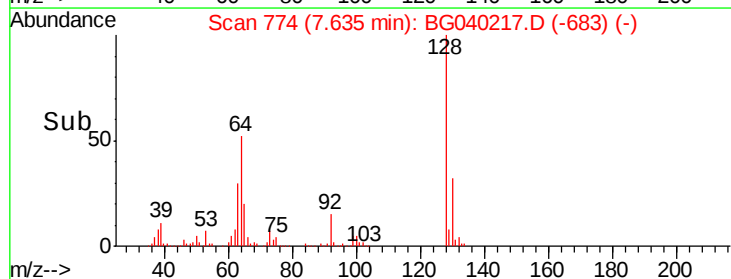
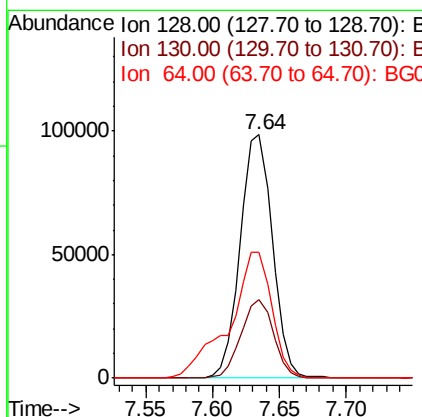
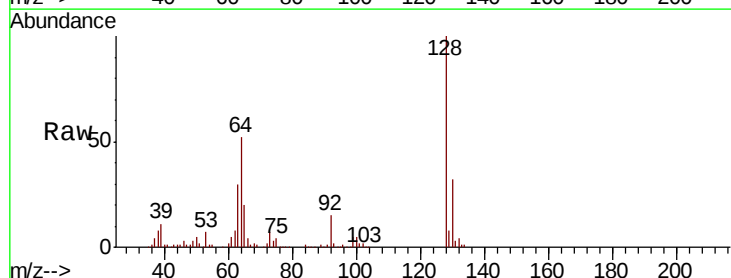
RT: 7.64 min Scan# 774

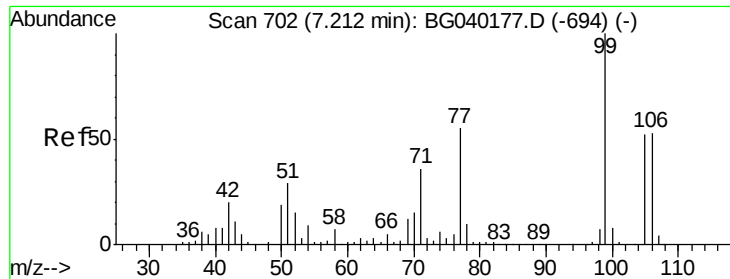
Delta R.T. 0.01 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

Tgt Ion:	128	Resp:	164638
Ion	Ratio	Lower	Upper
128	100		
130	32.1	9.1	49.1
64	51.7	33.1	73.1





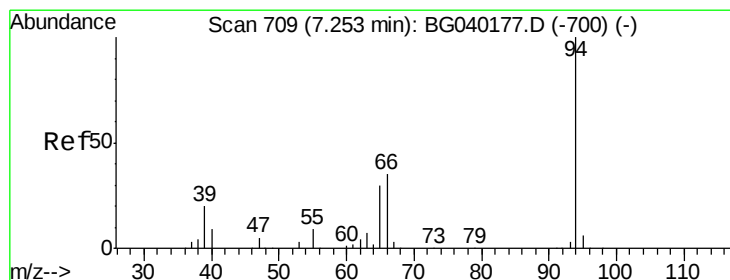
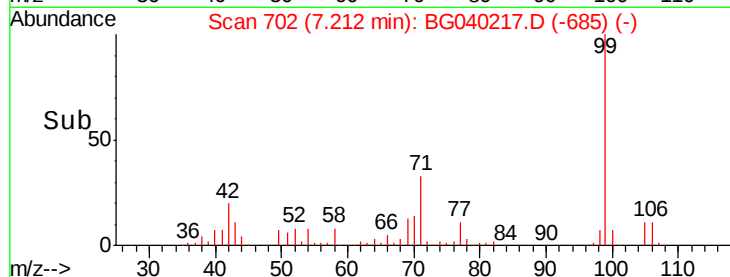
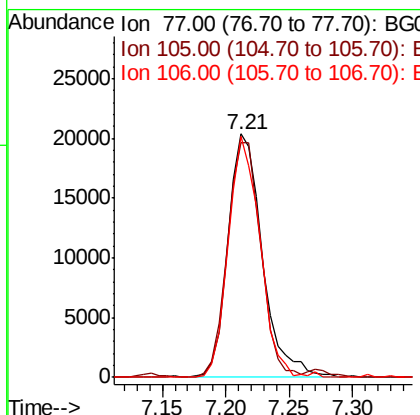
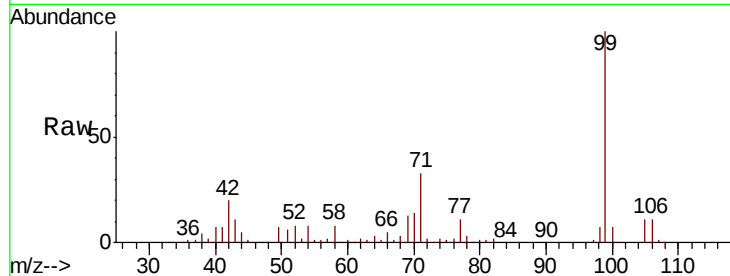
#9
Benzaldehyde
Concen: 12.168 ng
RT: 7.21 min Scan# 702
Delta R.T. -0.00 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Instrument :
BNA_G
ClientSampled :
TP-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	96.6	75.0	115.0		
106	99.1	75.7	115.7		

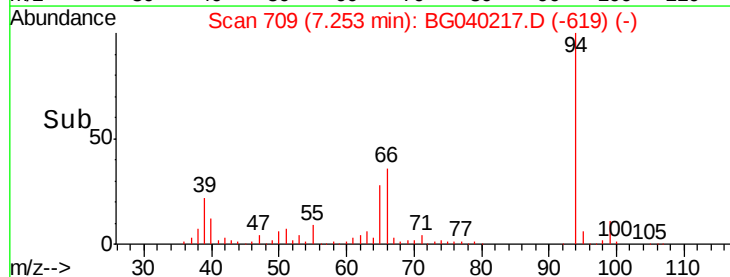
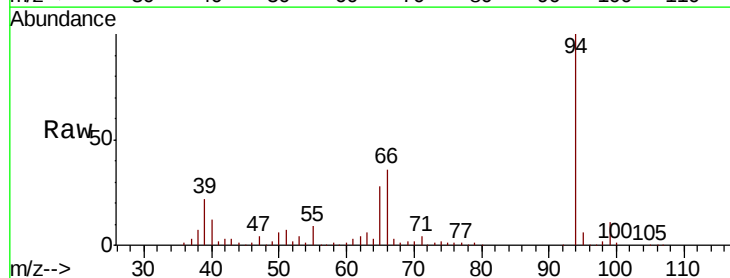
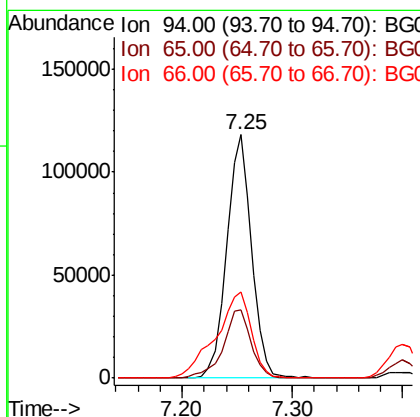
Manual Integrations
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#10
Phenol
Concen: 37.394 ng
RT: 7.25 min Scan# 709
Delta R.T. -0.00 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	28.0	10.5	50.5		
66	35.6	16.9	56.9		





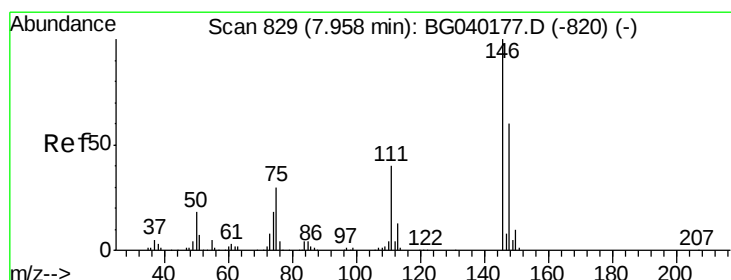
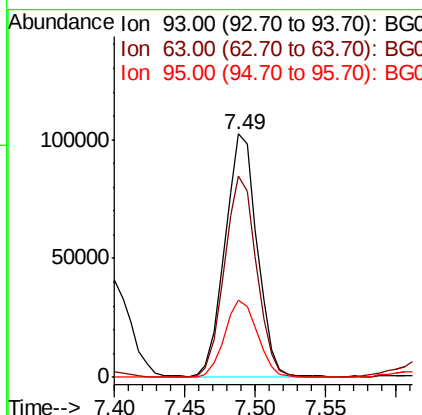
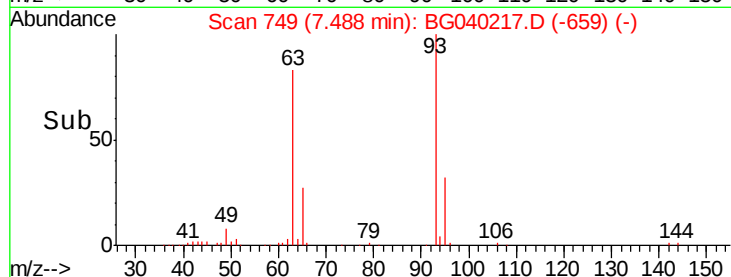
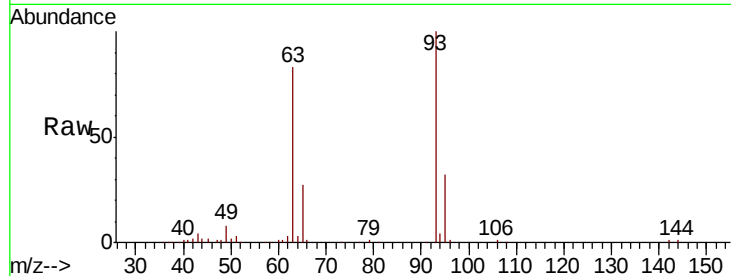
#11
bis(2-Chloroethyl)ether
Concen: 40.937 ng
RT: 7.49 min Scan# 749
Delta R.T. -0.00 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Instrument :
BNA_G
ClientSampled :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	82.7	64.2	104.2
95	31.8	14.0	54.0

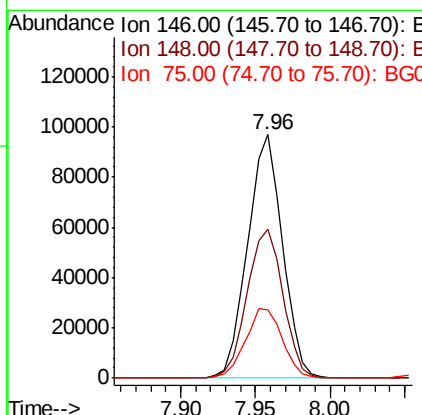
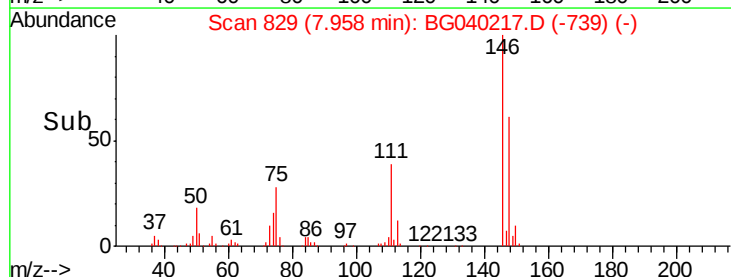
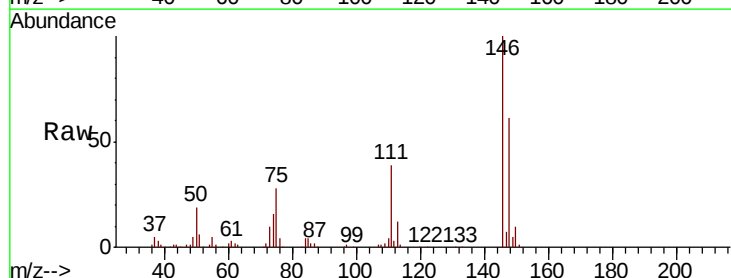
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#12
1,3-Dichlorobenzene
Concen: 36.963 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.0	48.2	72.2
75	28.3	24.1	36.1





#13

1,4-Dichlorobenzene

Concen: 37.964 ng

RT: 8.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

Instrument :

BNA_G

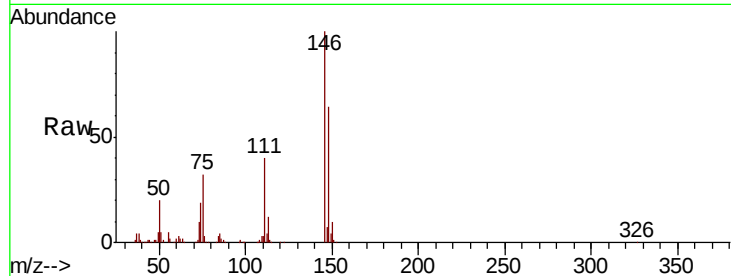
ClientSampleId :

TP-1MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.0	76.4
111	40.2	31.8	47.6

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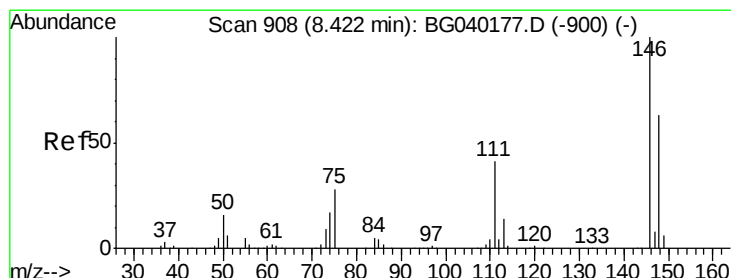
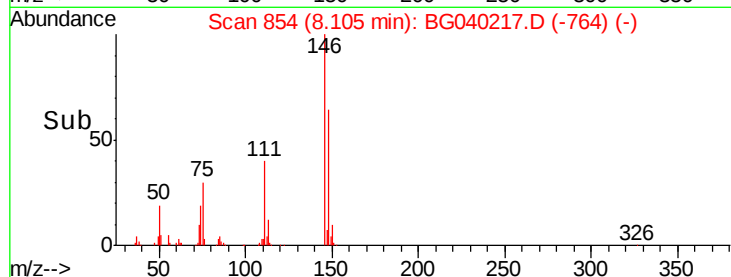
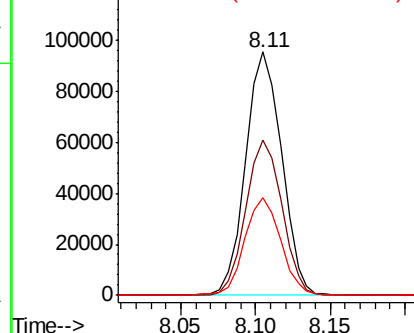


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.387 ng

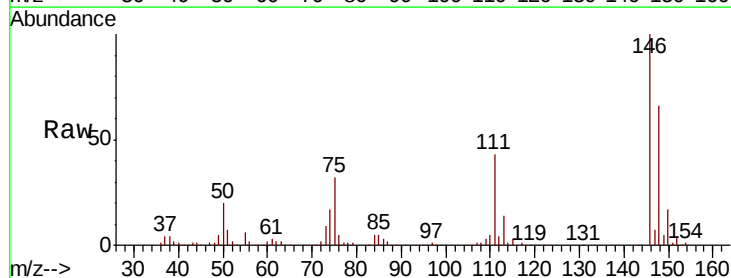
RT: 8.42 min Scan# 908

Delta R.T. -0.00 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	50.8	76.2
111	43.3	33.4	50.0

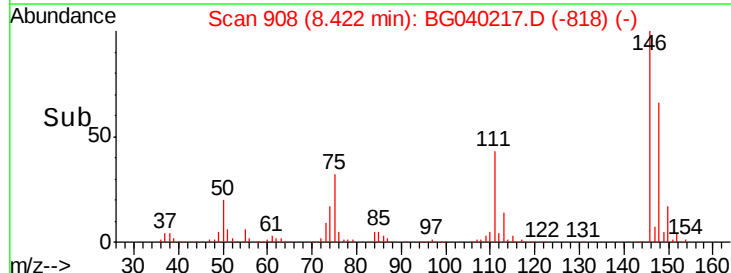
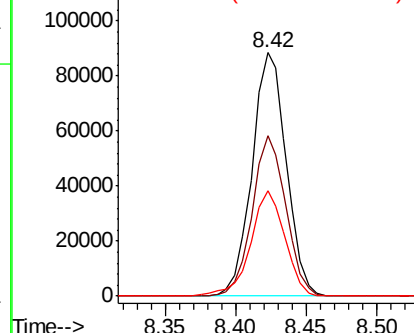


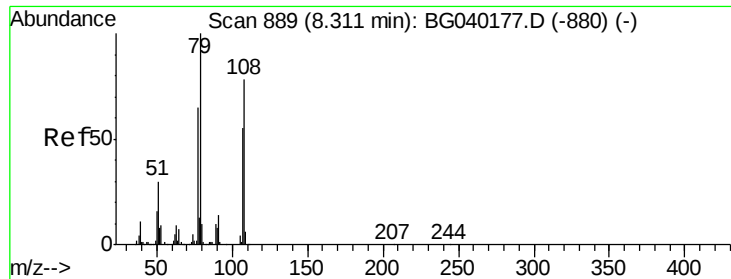
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.356 ng

RT: 8.31 min Scan# 889

Delta R.T. -0.00 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

Instrument :

BNA_G

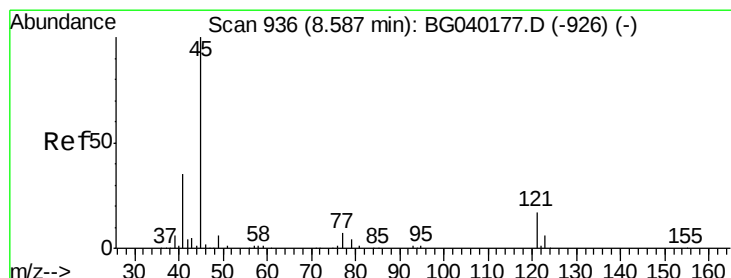
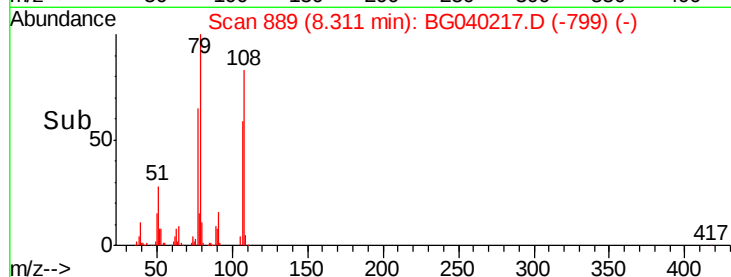
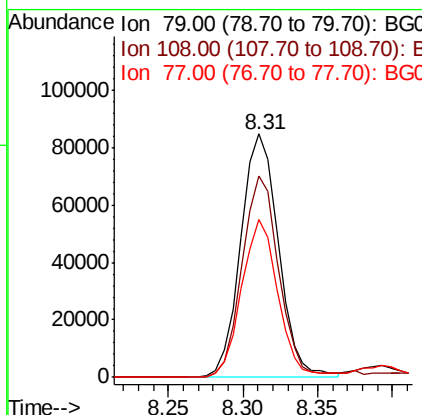
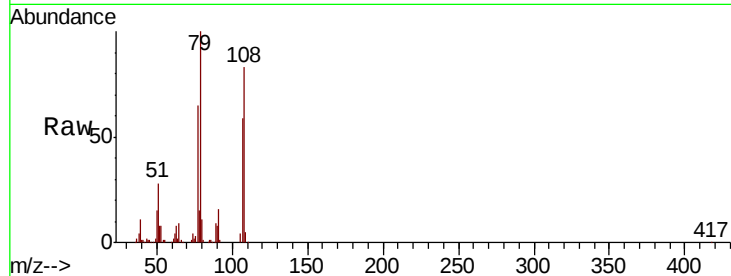
ClientSampled :

TP-1MSD

Tot Ion:	79	Resp:	148946
Ion Ratio	Lower	Upper	
79	100		
108	82.6	62.1	93.1
77	64.6	51.9	77.9

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.582 ng

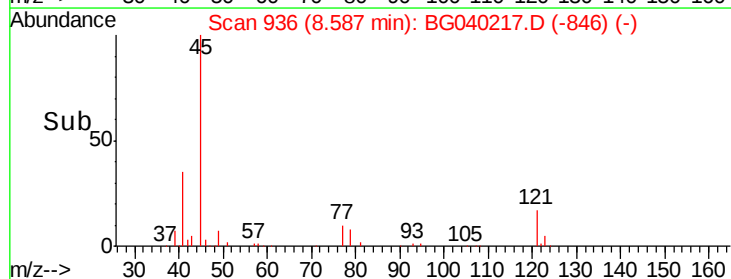
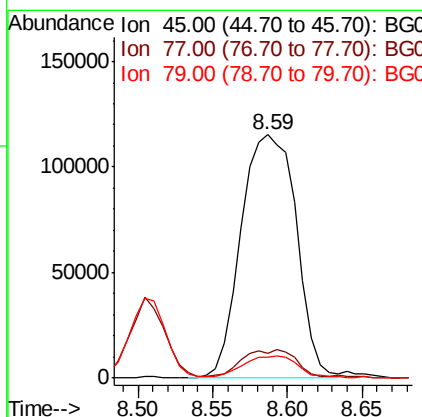
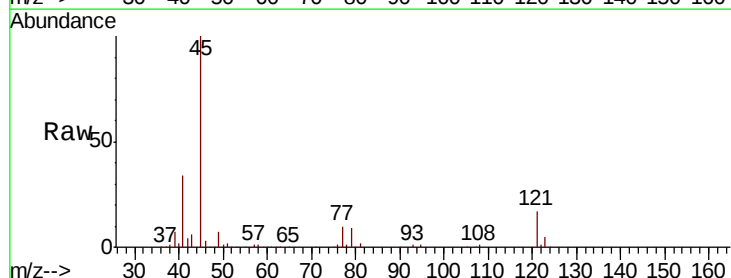
RT: 8.59 min Scan# 936

Delta R.T. -0.00 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

Tgt Ion:	45	Resp:	295014
Ion Ratio	Lower	Upper	
45	100		
77	10.4	0.0	31.4
79	8.7	0.0	28.3





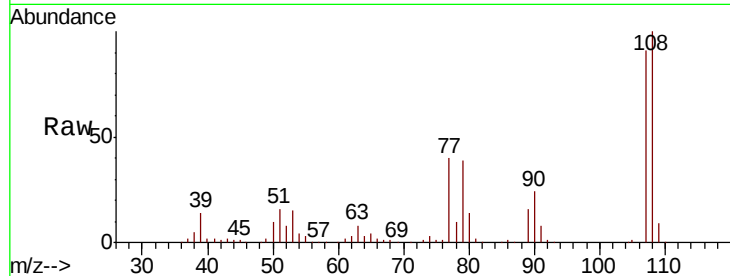
#17
2-Methylphenol
Concen: 42.647 ng
RT: 8.50 min Scan# 922
Delta R.T. -0.00 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Instrument :
BNA_G
ClientSampled :
TP-1MSD

Tot Ion:	107	Resp:	146795
Ion Ratio	Lower	Upper	
107	100		
108	109.7	88.2	132.4
77	44.0	36.6	55.0
79	43.3	36.5	54.7

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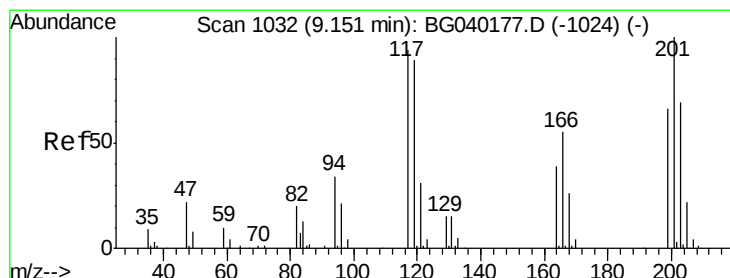
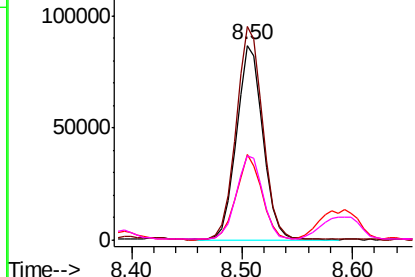
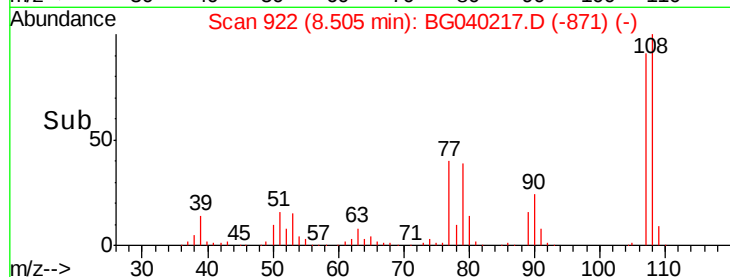
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

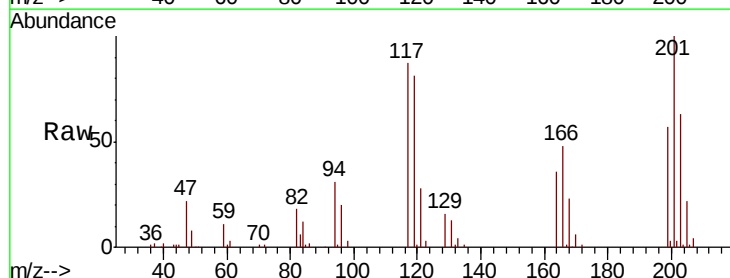
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 35.613 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Tgt Ion:	117	Resp:	56932
Ion Ratio	Lower	Upper	
117	100		
119	92.6	76.6	115.0
201	114.7	85.0	127.4

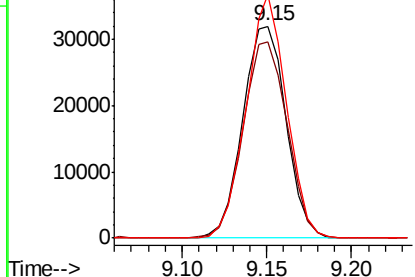
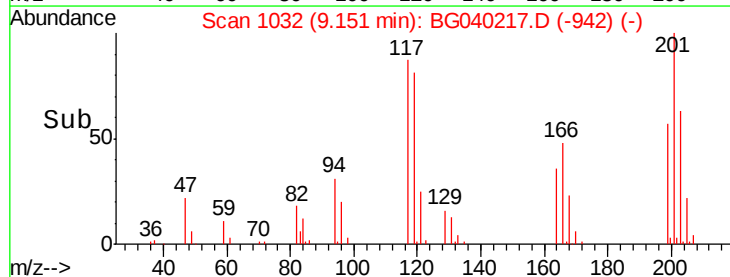


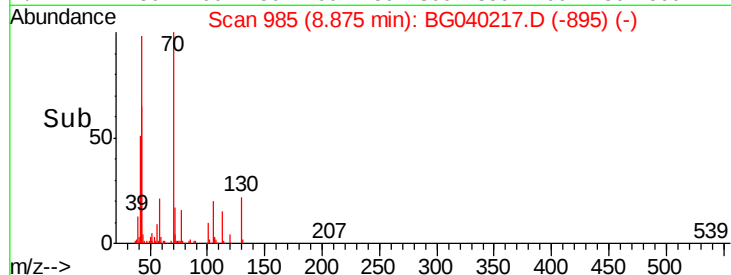
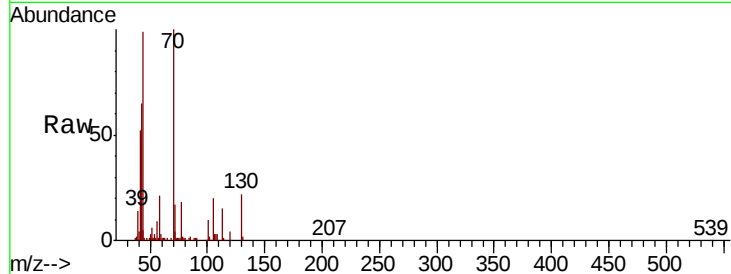
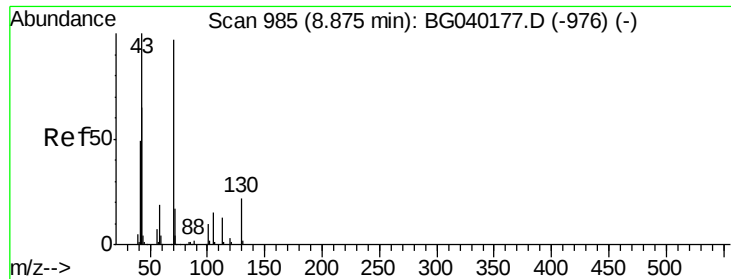
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





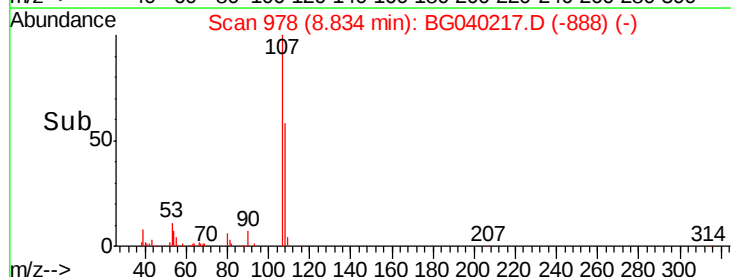
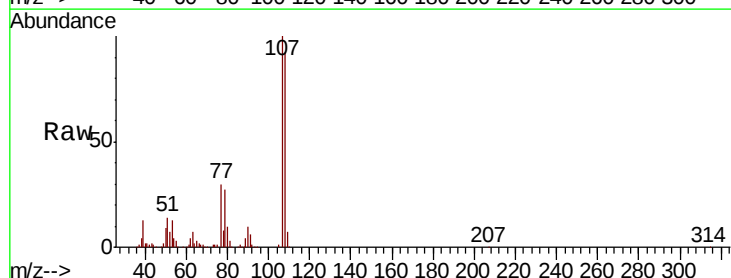
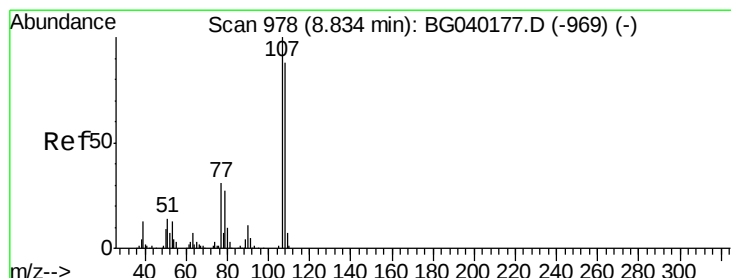
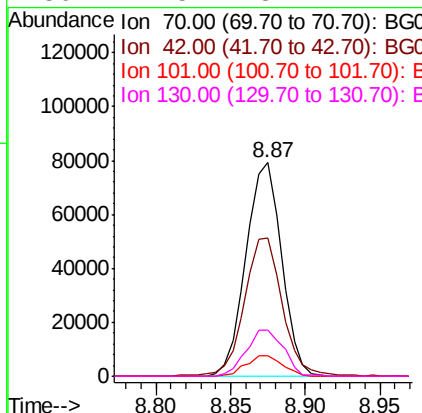
#19
n-Nitroso-di-n-propylamine
Concen: 39.822 ng
RT: 8.87 min Scan# 985
Delta R.T. -0.00 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	64.8	54.0	81.0	
101	9.7	8.6	13.0	
130	21.5	18.2	27.2	

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

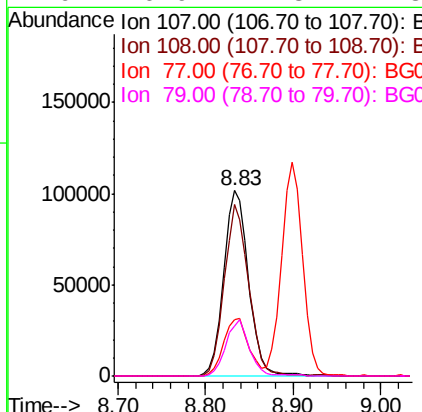
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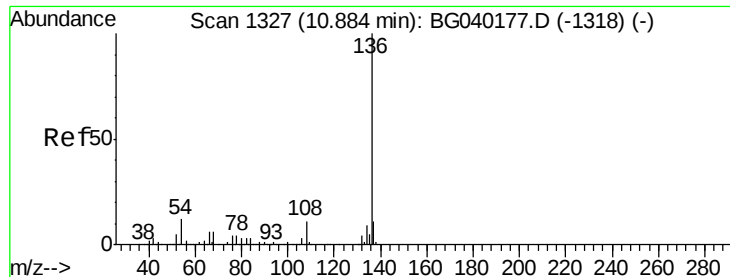
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#20
3+4-Methylphenols
Concen: 42.564 ng
RT: 8.83 min Scan# 978
Delta R.T. -0.00 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.5	68.3	108.3	
77	30.3	11.3	51.3	
79	26.9	7.3	47.3	





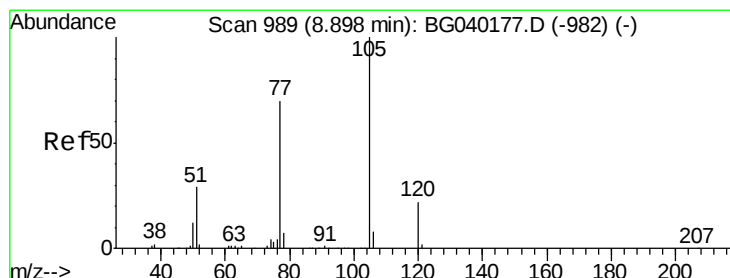
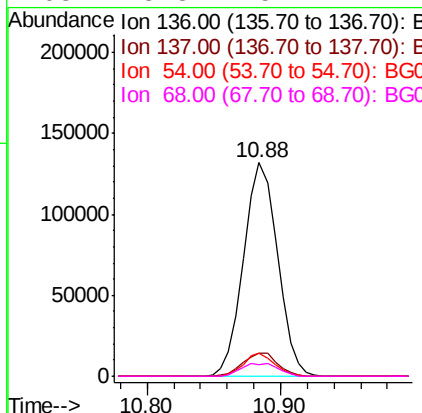
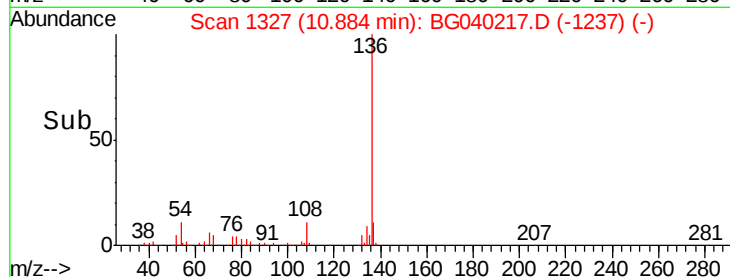
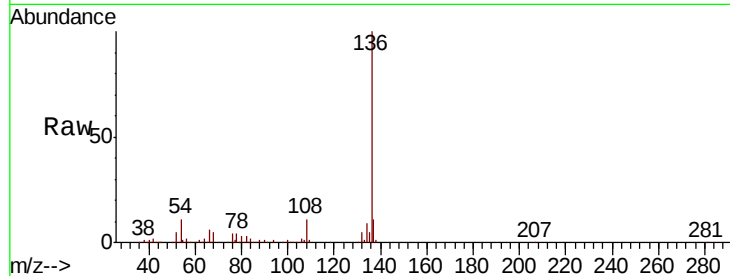
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.9	13.3	
54	10.5	9.6	14.4	
68	5.3	5.1	7.7	

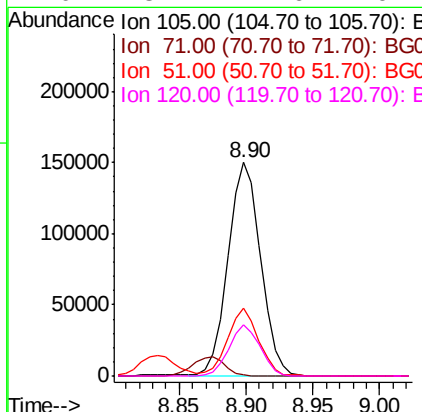
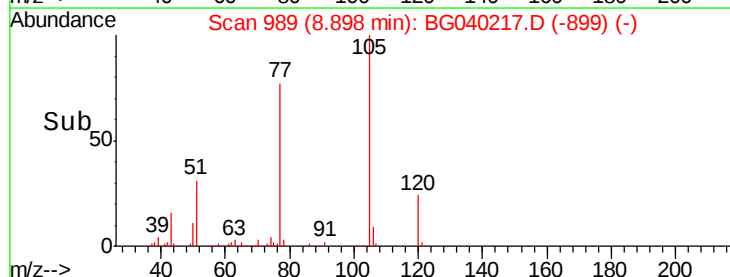
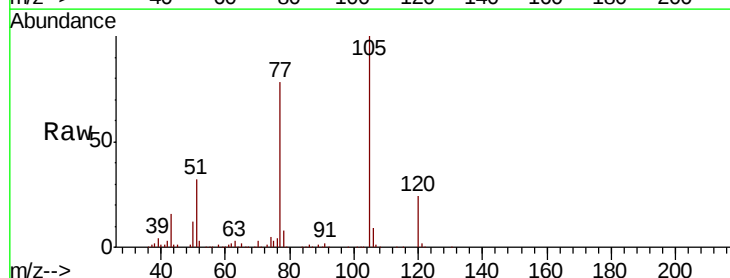
Manual Integrations
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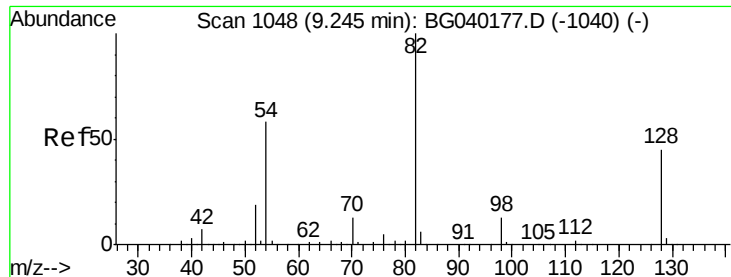
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#22
Acetophenone
Concen: 43.987 ng
RT: 8.90 min Scan# 989
Delta R.T. -0.00 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.4	0.6	1.0#	
51	31.8	25.1	37.7	
120	23.7	17.6	26.4	





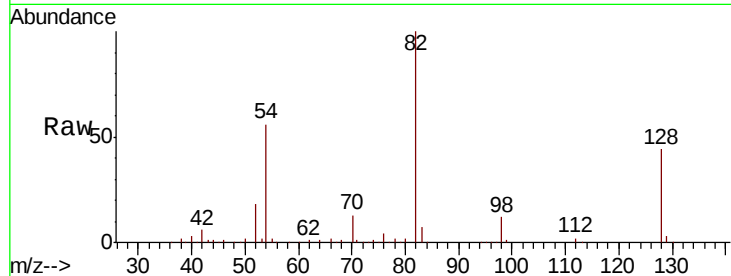
#23
Nitrobenzene-d5
Concen: 86.911 ng
RT: 9.24 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Instrument :
BNA_G
ClientSampled :
TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.7	35.8	53.8	
54	55.7	46.2	69.2	

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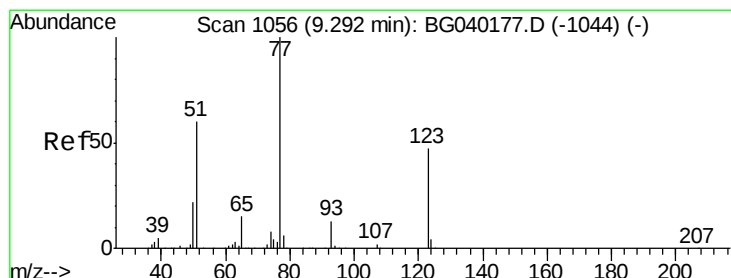
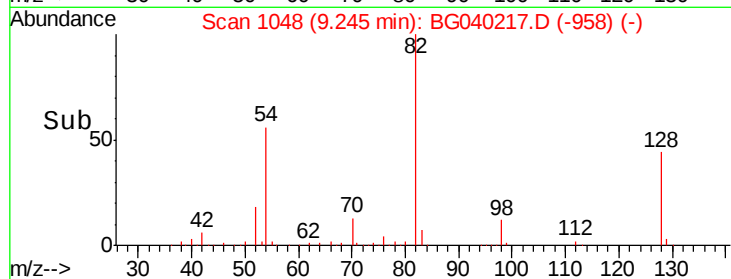
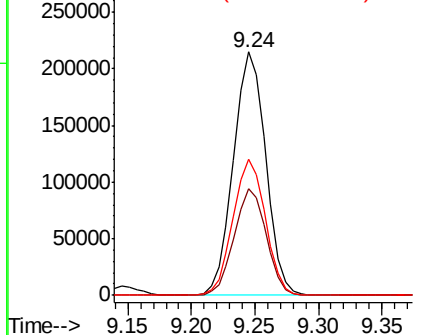


Abundance

Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24
Nitrobenzene
Concen: 41.737 ng
RT: 9.29 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

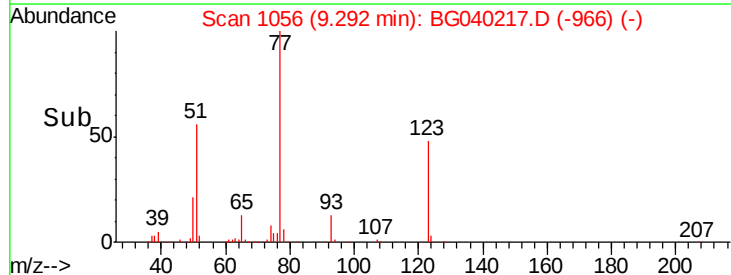
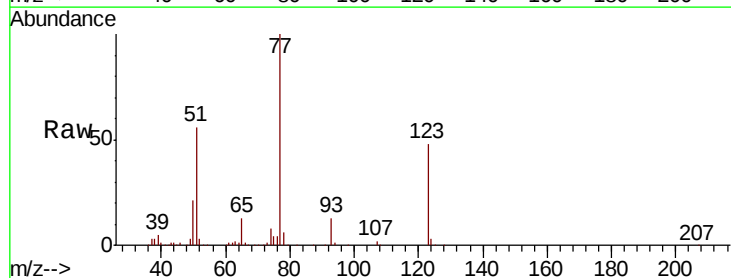
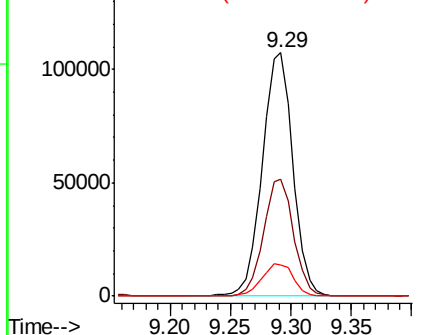
Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	48.3	37.8	56.6	
65	12.6	12.0	18.0	

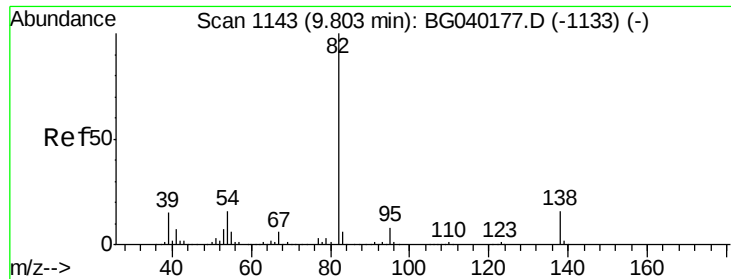
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 42.419 ng

RT: 9.80 min Scan# 1143

Delta R.T. -0.00 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

Instrument :

BNA_G

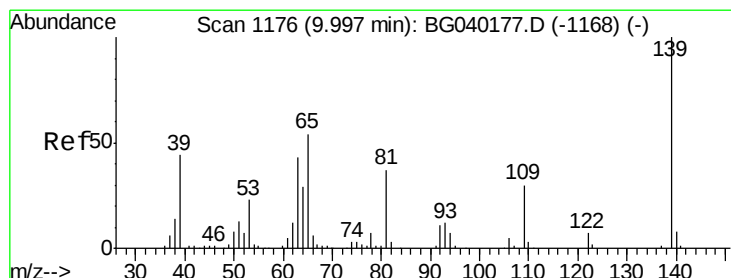
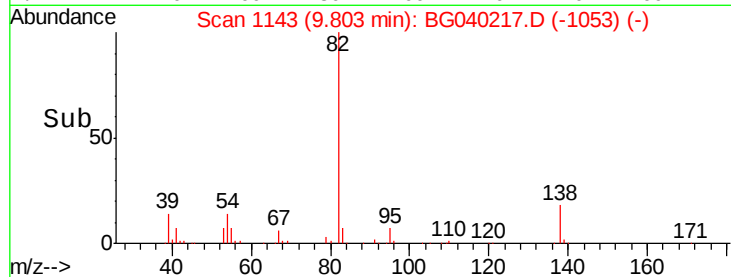
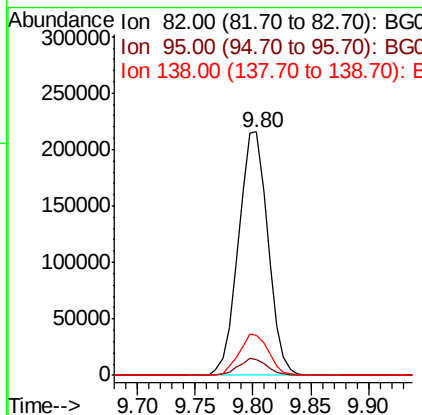
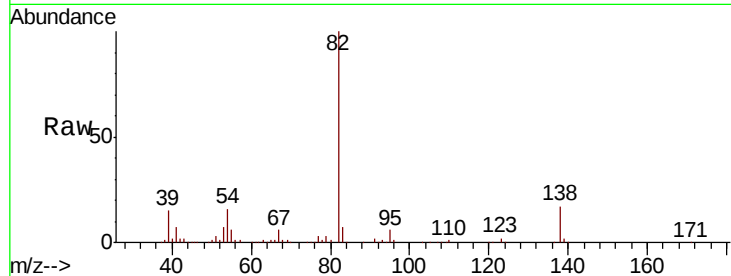
ClientSampled :

TP-1MSD

Tot Ion:	82	Resp:	382208
Ion Ratio	Lower	Upper	
82	100		
95	6.5	6.1	9.1
138	16.7	13.2	19.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.319 ng

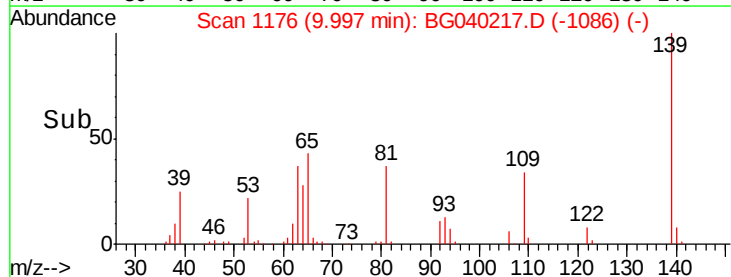
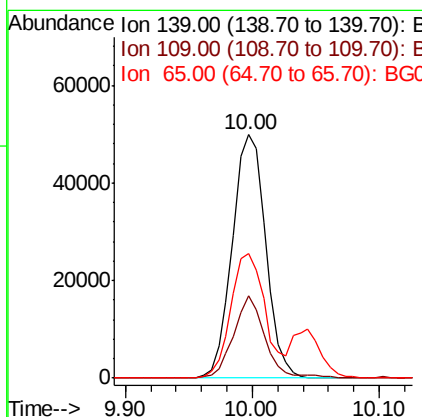
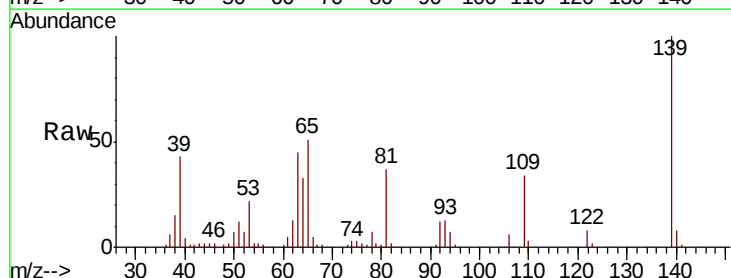
RT: 10.00 min Scan# 1176

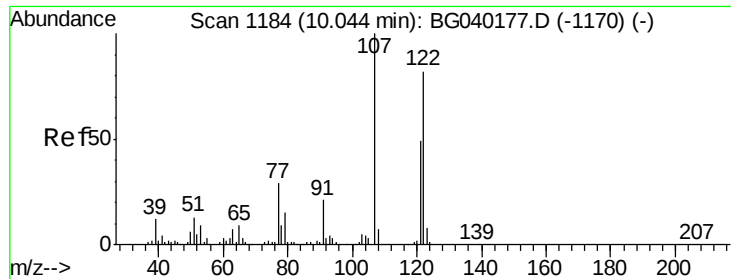
Delta R.T. -0.00 min

Lab File: BG040217.D

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Tgt Ion:	139	Resp:	90931
Ion Ratio	Lower	Upper	
139	100		
109	33.6	24.1	36.1
65	51.4	43.0	64.6





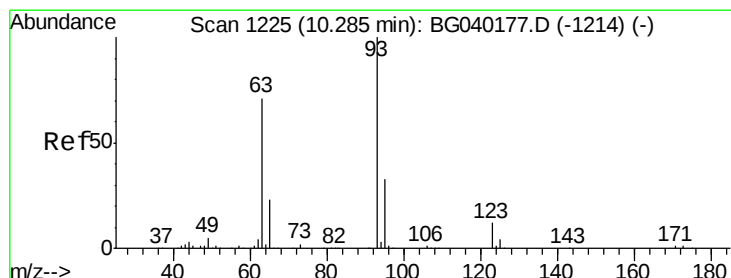
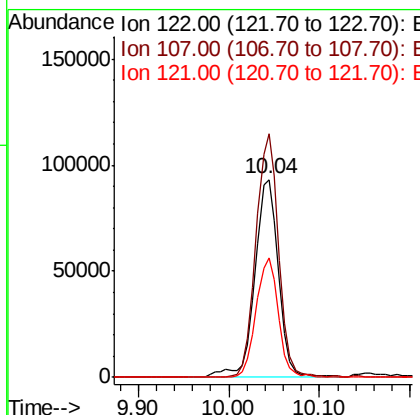
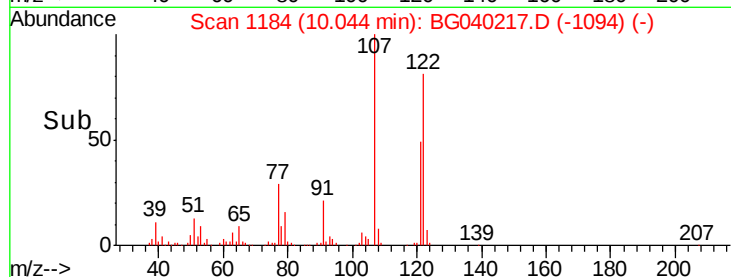
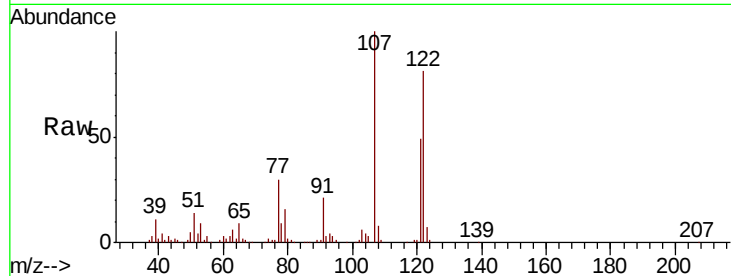
#27
 2,4-Dimethylphenol
 Concen: 49.265 ng
 RT: 10.04 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BG040217.D
 Acq: 29 Mar 2019 3:03

Instrument :
 BNA_G
 ClientSampled :
 TP-1MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	123.1	97.4	146.2
121	60.4	47.7	71.5

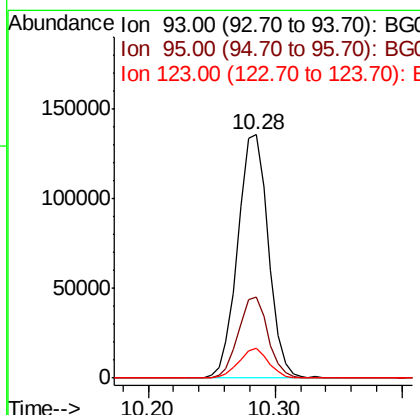
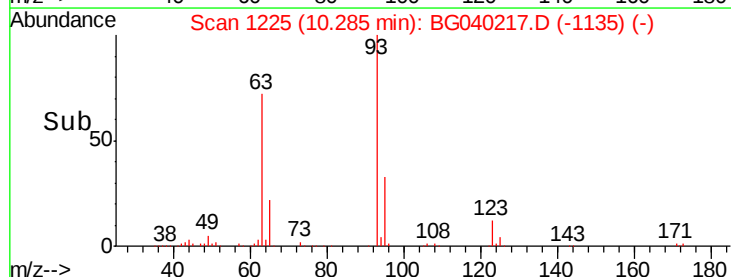
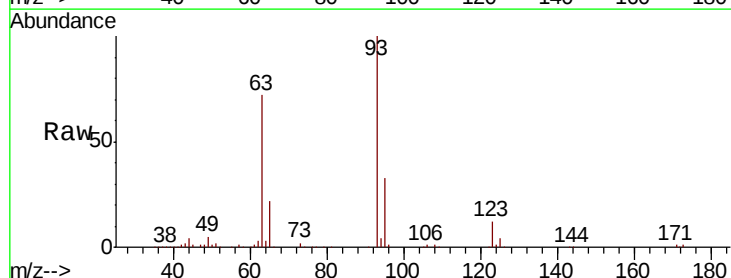
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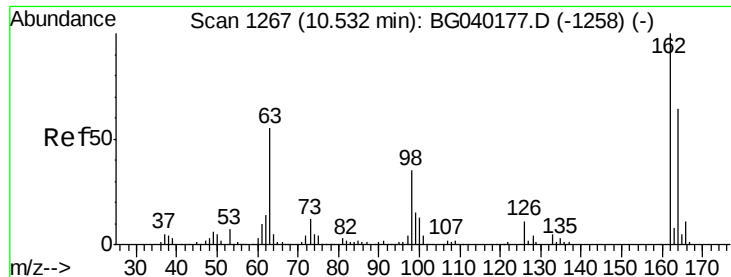
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.652 ng
 RT: 10.28 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BG040217.D
 Acq: 29 Mar 2019 3:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.2	39.4
123	12.1	9.4	14.0





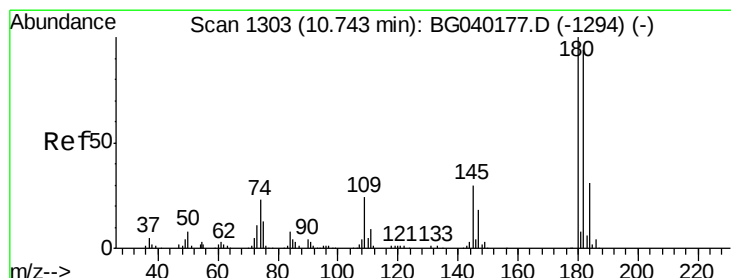
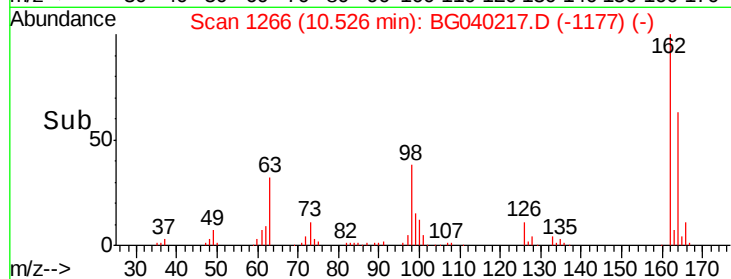
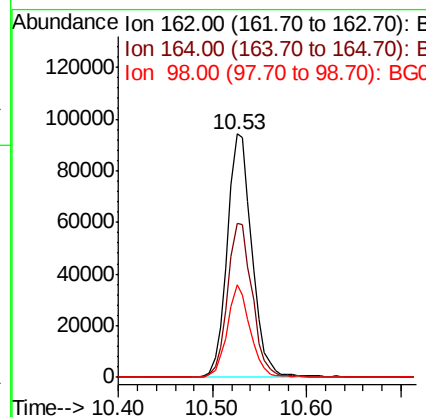
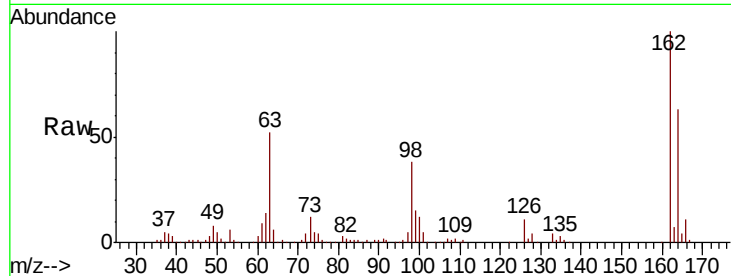
#29
 2,4-Dichlorophenol
 Concen: 46.649 ng
 RT: 10.53 min Scan# 1266
 Delta R.T. -0.01 min
 Lab File: BG040217.D
 Acq: 29 Mar 2019 3:03

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.4	43.9	83.9
98	37.8	15.6	55.6

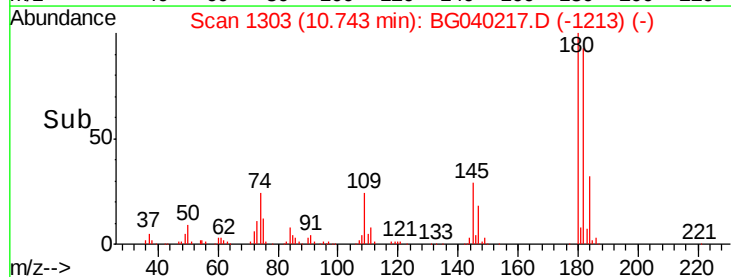
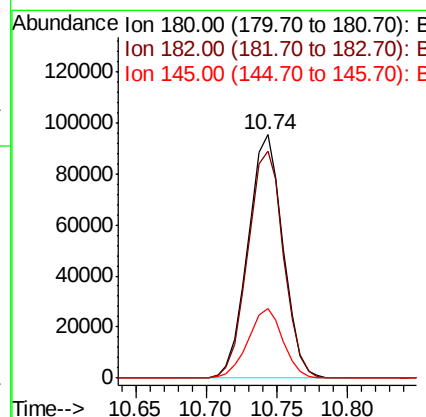
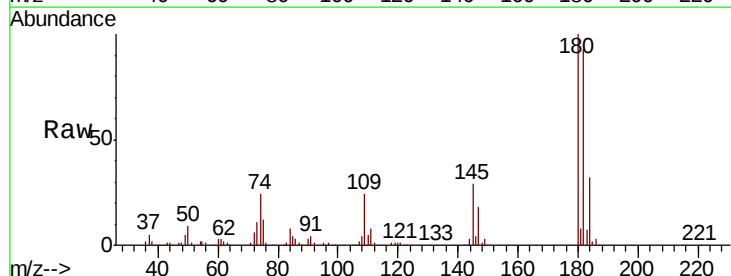
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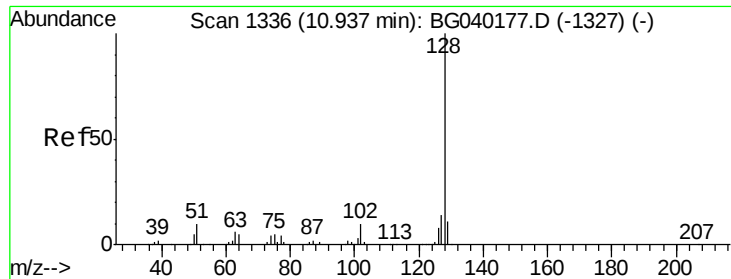
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.688 ng
 RT: 10.74 min Scan# 1303
 Delta R.T. -0.00 min
 Lab File: BG040217.D
 Acq: 29 Mar 2019 3:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.4	75.1	112.7
145	28.6	24.1	36.1





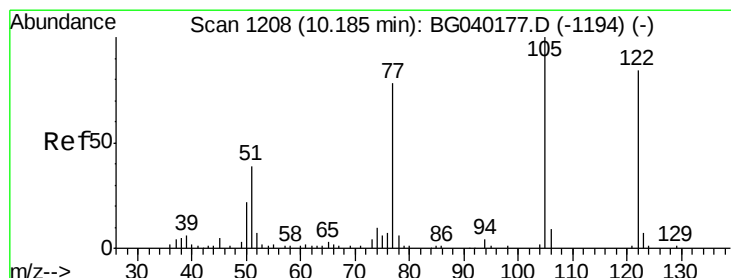
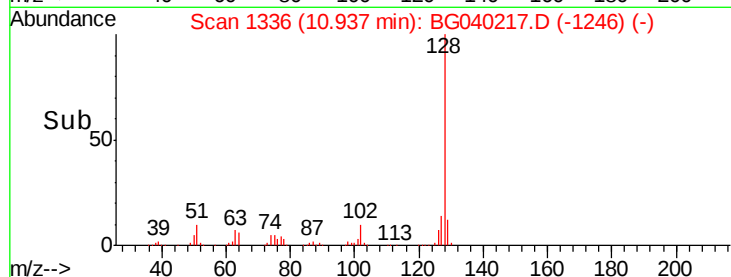
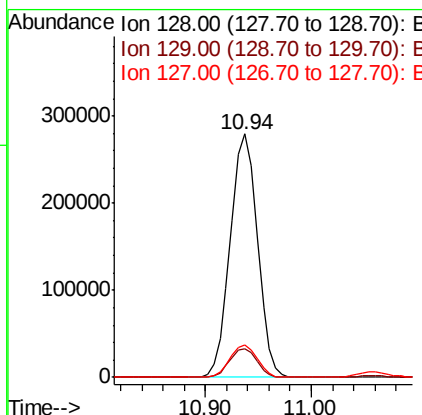
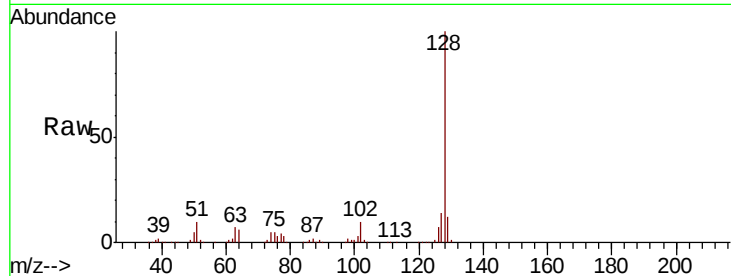
#31
Naphthalene
Concen: 41.741 ng
RT: 10.94 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.9	13.3
127	13.6	11.4	17.0

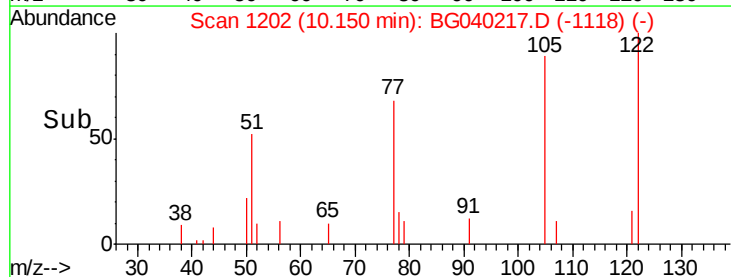
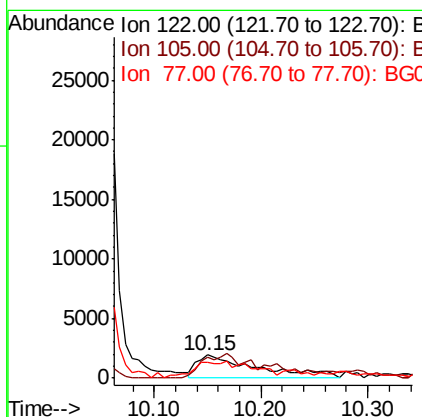
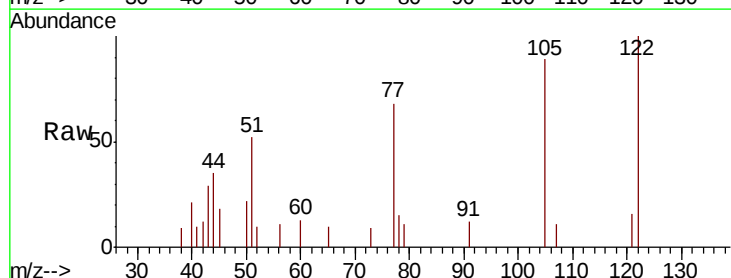
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#32
Benzoic acid
Concen: 3.727 ng m
RT: 10.15 min Scan# 1202
Delta R.T. -0.04 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Tgt Ion	Ratio	Lower	Upper
122	100		
105	88.7	98.2	138.2#
77	68.0	73.6	113.6#





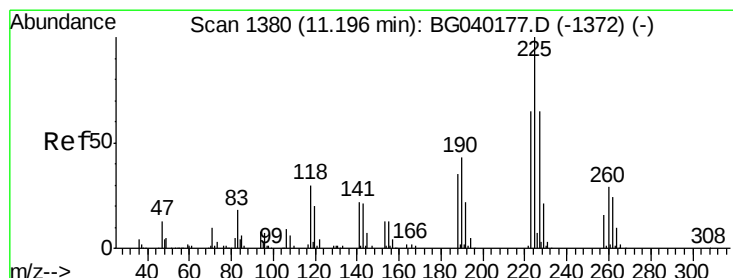
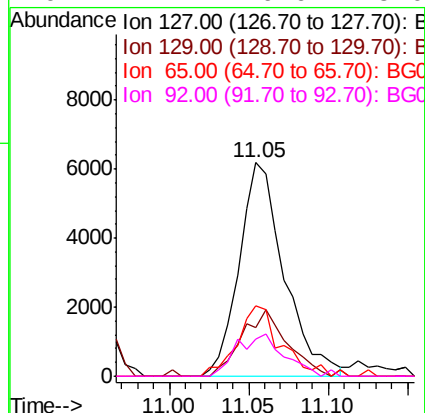
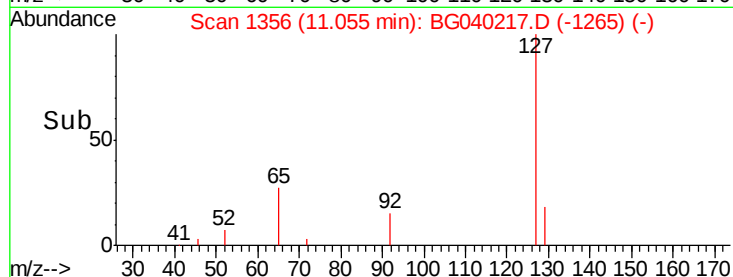
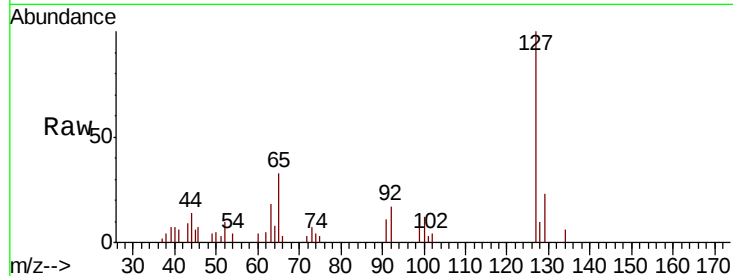
#33
4-Chloroaniline
Concen: 2.392 ng
RT: 11.05 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	22.9	26.6	40.0#		
65	32.7	27.0	40.4		
92	17.2	16.6	25.0		

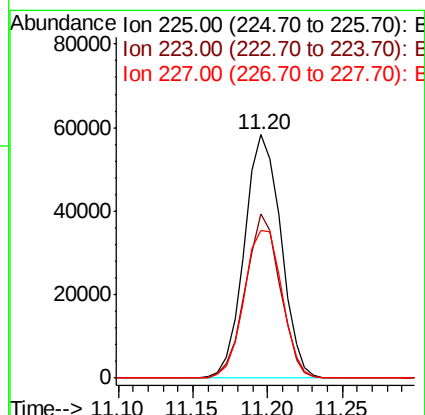
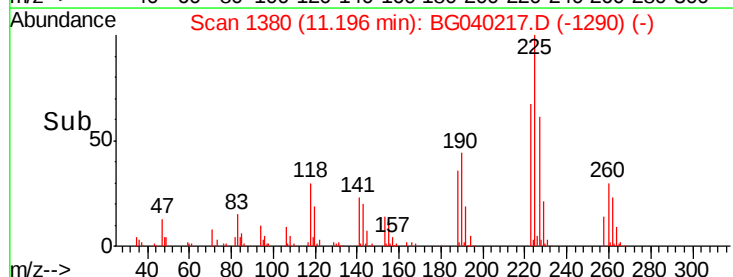
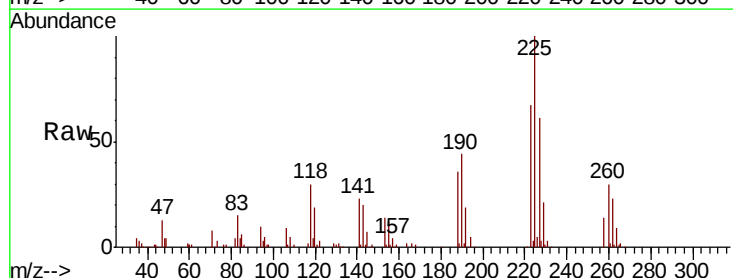
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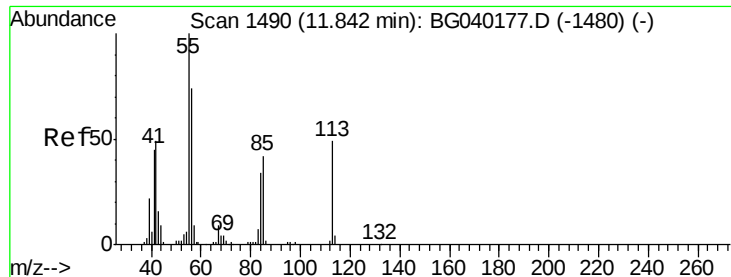
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#34
Hexachlorobutadiene
Concen: 37.958 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	67.4	51.8	77.8		
227	60.8	54.9	82.3		





#35

Caprolactam

Concen: 31.447 ng/mL

RT: 11.83 min Scan# 1488

Delta R.T. -0.01 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

Instrument :

BNA_G

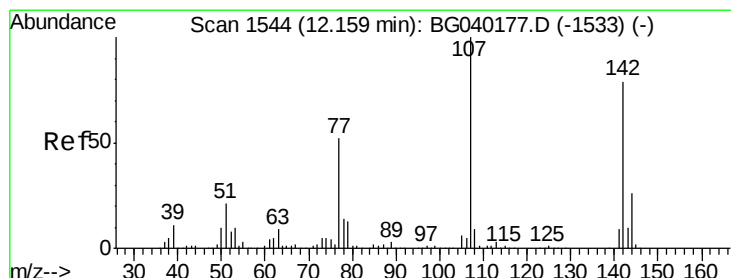
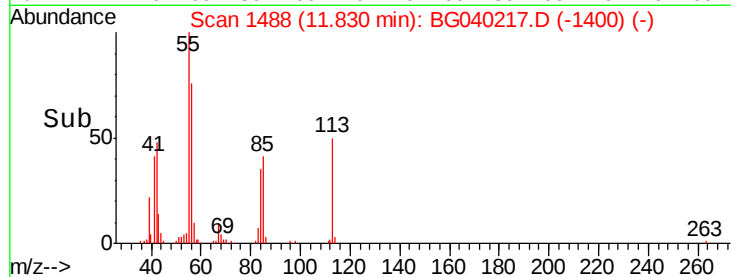
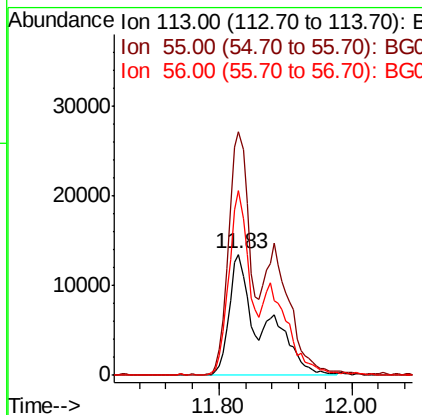
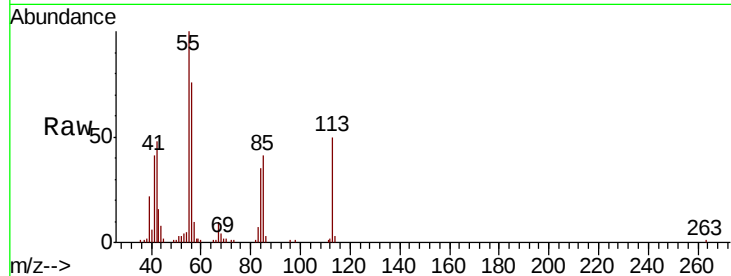
ClientSampled :

TP-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	201.4	184.2	224.2		
56	153.0	131.3	171.3		

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#36

4-Chloro-3-methylphenol

Concen: 45.792 ng/mL

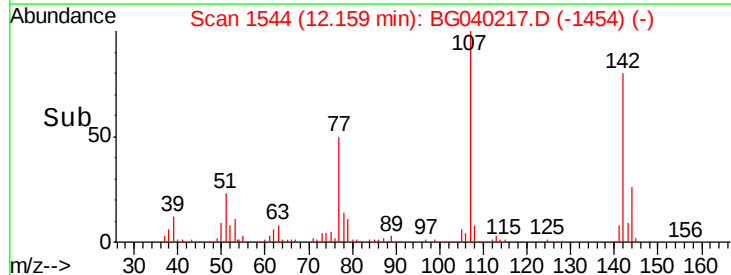
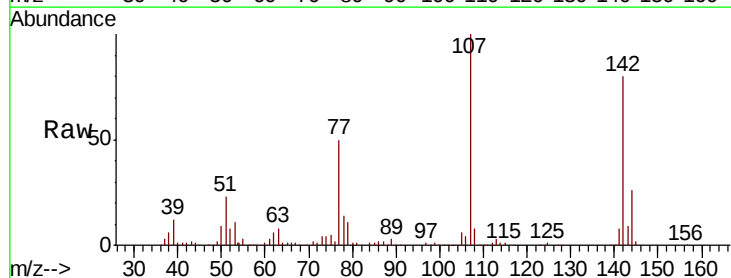
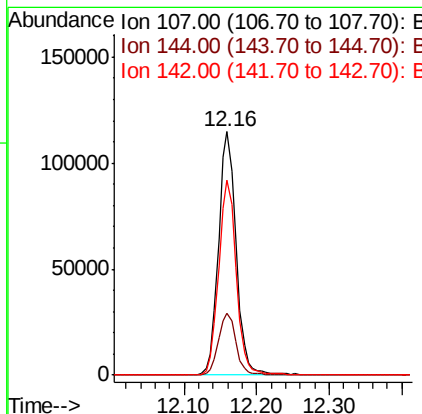
RT: 12.16 min Scan# 1544

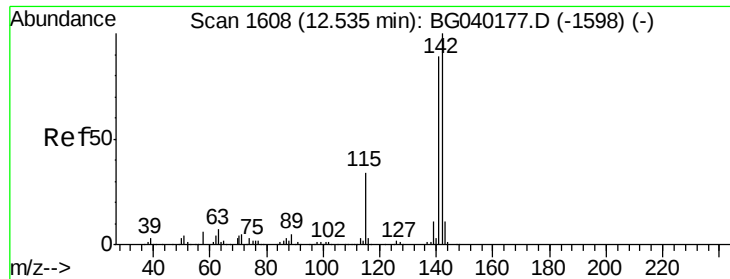
Delta R.T. -0.00 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.5	20.5	30.7		
142	80.2	63.1	94.7		





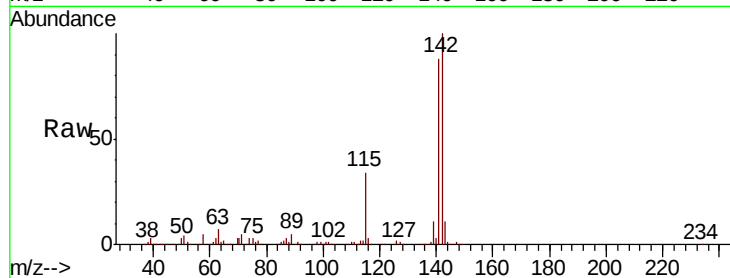
#37
2-Methylnaphthalene
Concen: 42.756 ng
RT: 12.54 min Scan# 1608
Delta R.T. -0.00 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.0	106.6
115	33.8	27.3	40.9

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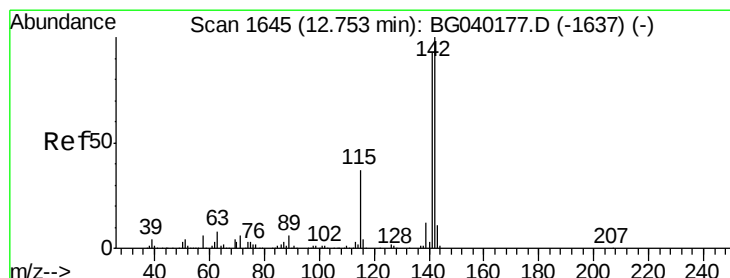
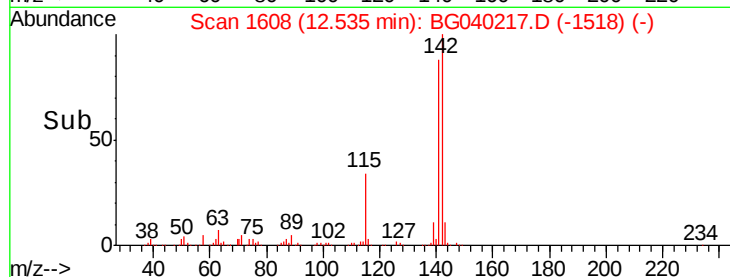
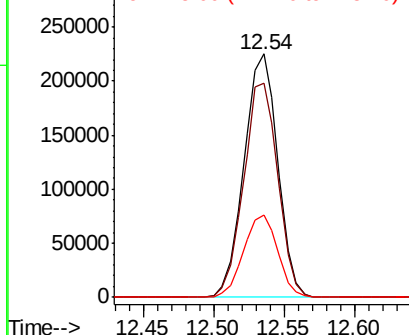


Abundance

Ion 142.00 (141.70 to 142.70): E

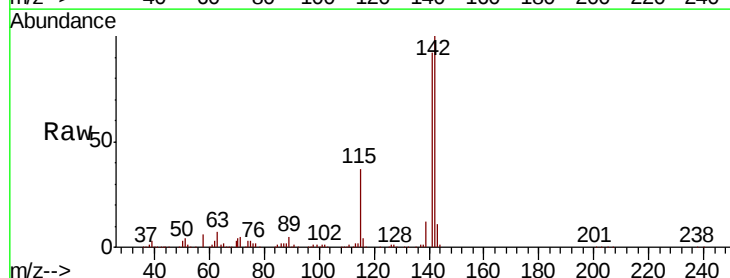
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 42.422 ng
RT: 12.75 min Scan# 1645
Delta R.T. -0.00 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	74.2	111.4
116	3.6	3.0	4.4

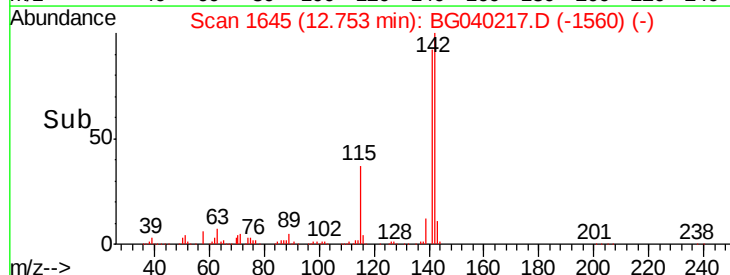
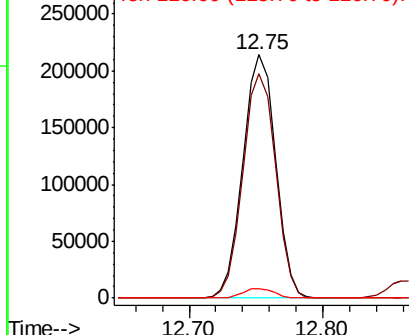


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





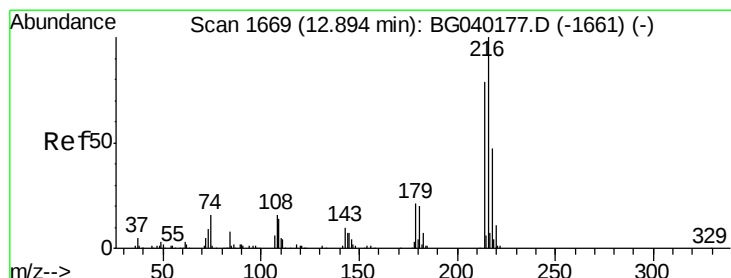
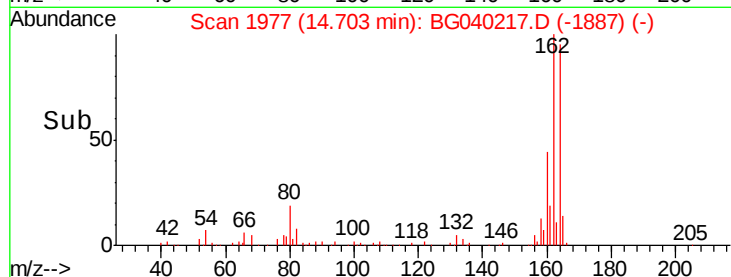
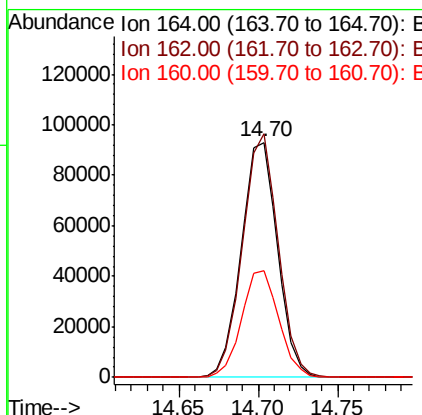
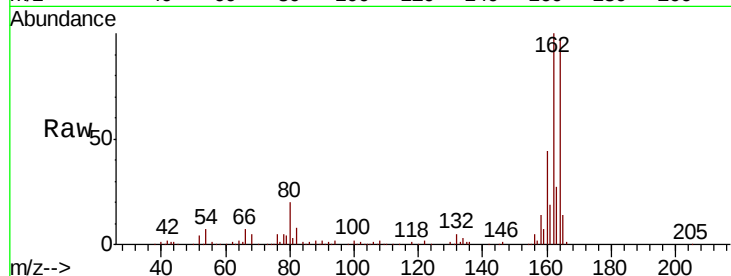
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.5	77.4	116.2
160	45.5	35.3	52.9

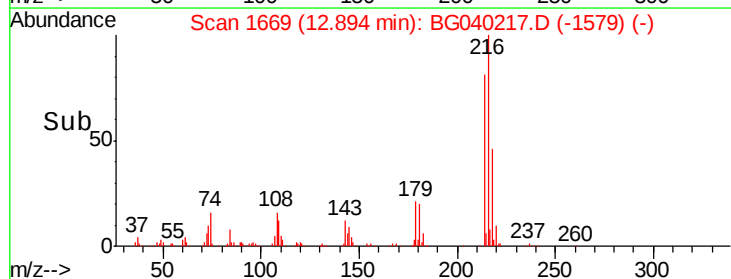
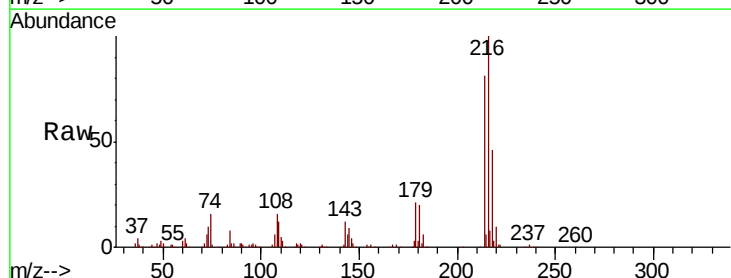
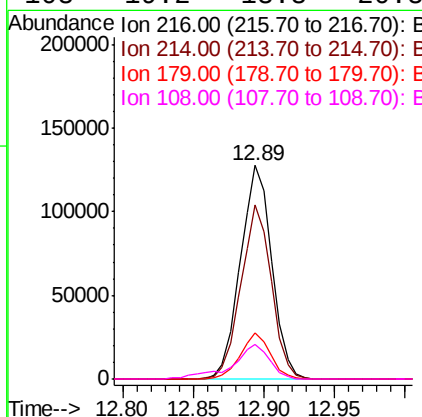
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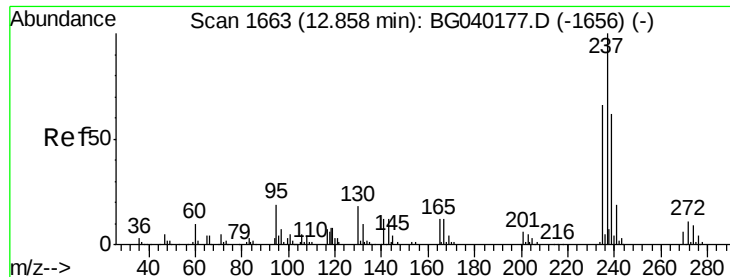
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.982 ng
RT: 12.89 min Scan# 1669
Delta R.T. -0.00 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.5	95.3
179	20.4	16.6	25.0
108	19.2	13.8	20.8





#41

Hexachlorocyclopentadiene

Concen: 82.626 ng

RT: 12.86 min Scan# 1664

Delta R.T. 0.01 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

Instrument :

BNA_G

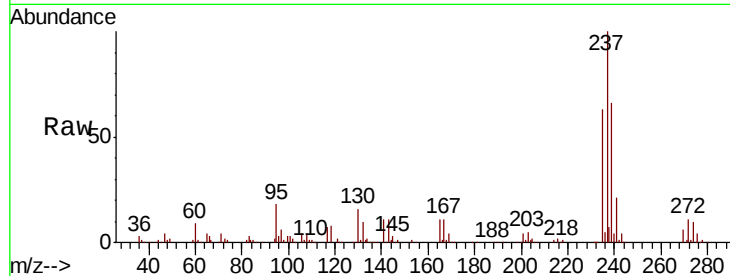
ClientSampleId :

TP-1MSD

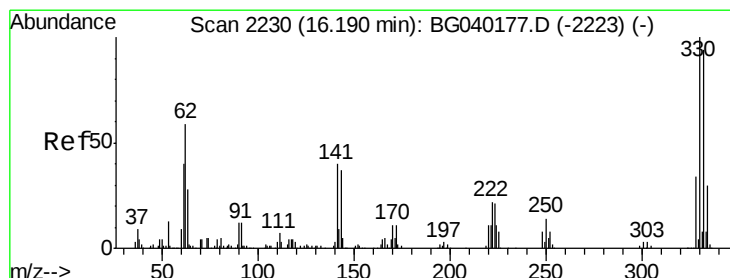
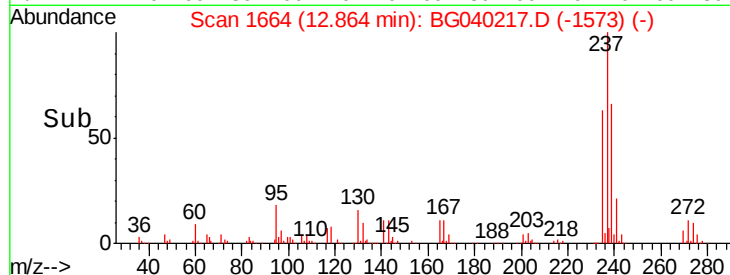
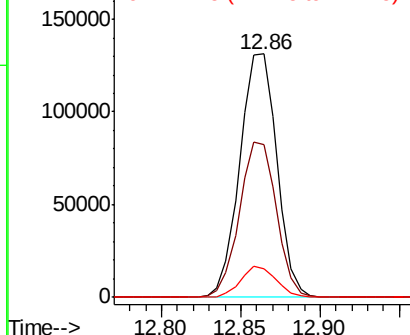
Tot Ion:	237	Resp:	213537
Ion Ratio	Lower	Upper	
237	100		
235	62.5	46.2	86.2
272	11.5	0.0	30.5

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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: 149.197 ng

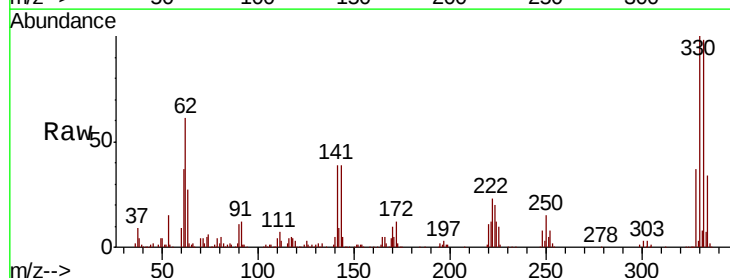
RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

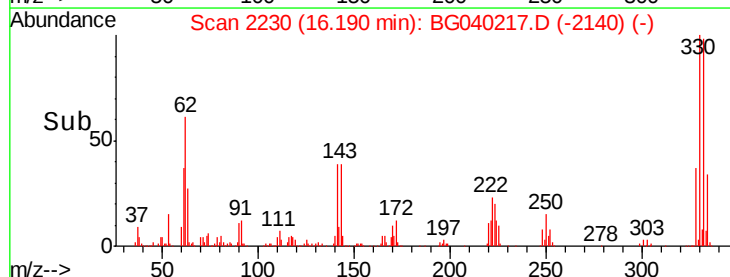
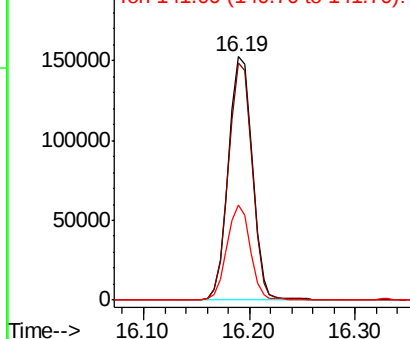
Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

Tgt Ion:	330	Resp:	238785
Ion Ratio	Lower	Upper	
330	100		
332	97.1	76.6	115.0
141	38.0	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





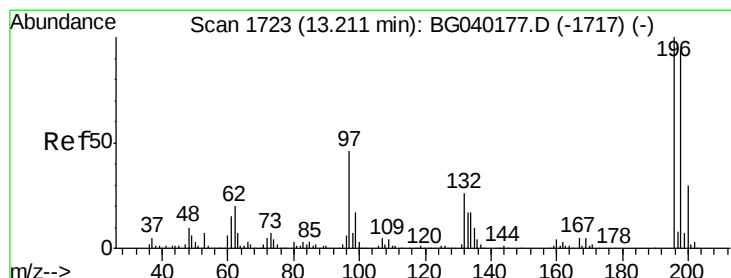
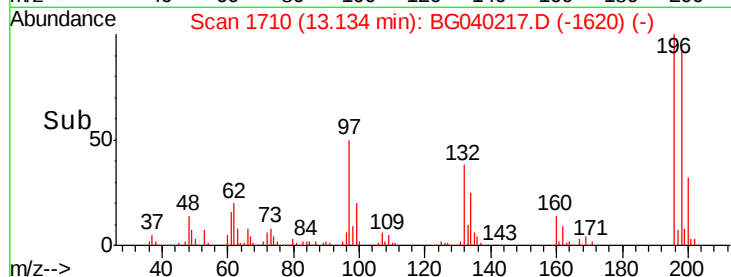
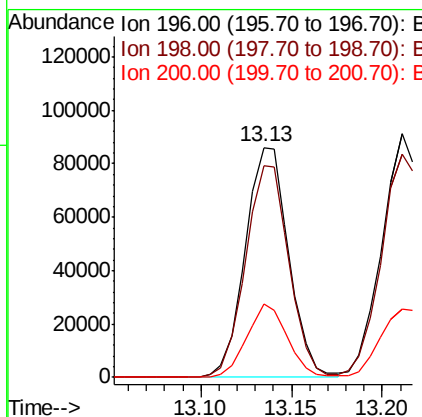
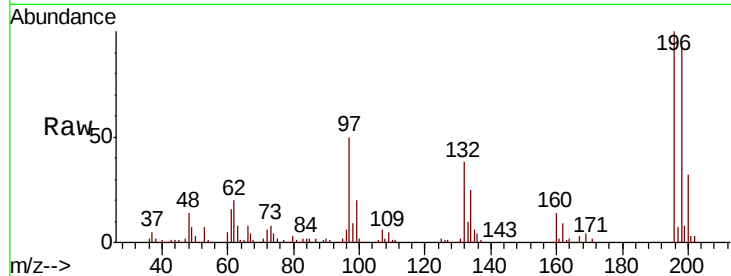
#43
 2,4,6-Trichlorophenol
 Concen: 47.470 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BG040217.D
 Acq: 29 Mar 2019 3:03

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	144054		
198	92.0	78.3	117.5	
200	31.8	26.0	39.0	

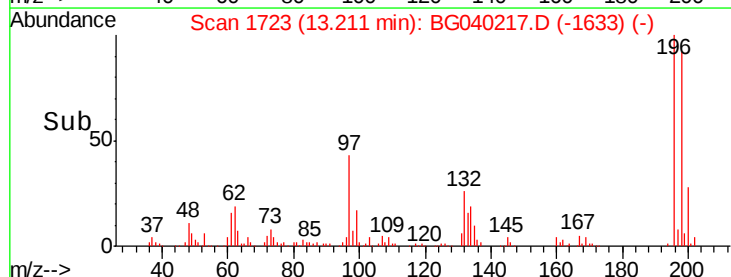
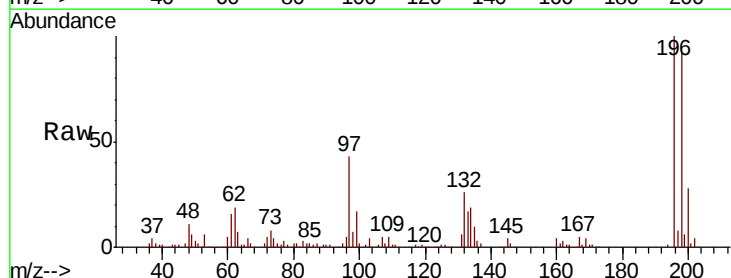
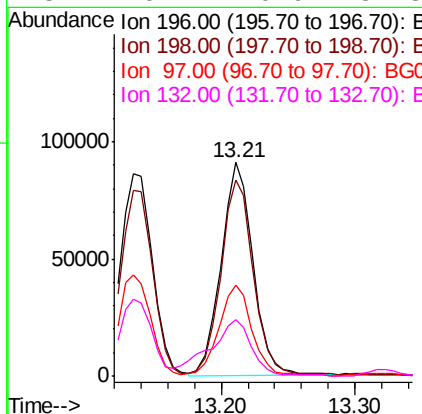
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#44
 2,4,5-Trichlorophenol
 Concen: 45.777 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG040217.D
 Acq: 29 Mar 2019 3:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	151415		
198	91.5	75.0	112.6	
97	42.8	37.3	55.9	
132	26.1	20.9	31.3	





#45

2-Fluorobiphenyl

Concen: 84.980 ng

RT: 13.32 min Scan# 1742

Delta R.T. -0.00 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

Instrument :

BNA_G

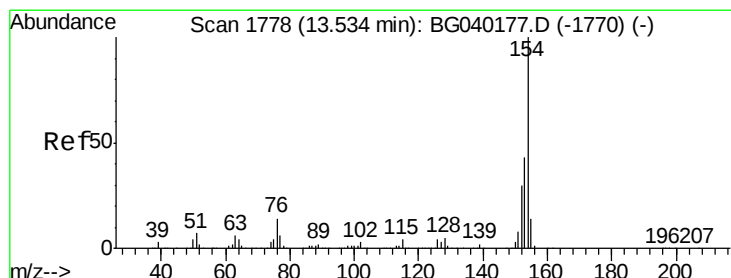
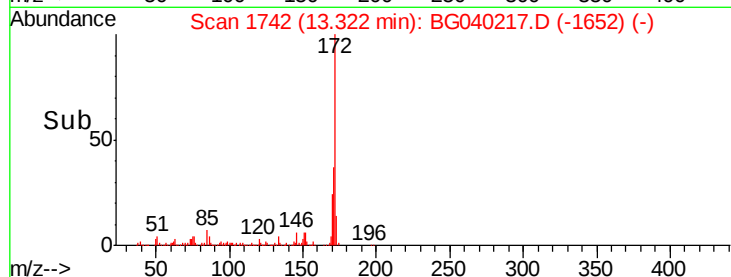
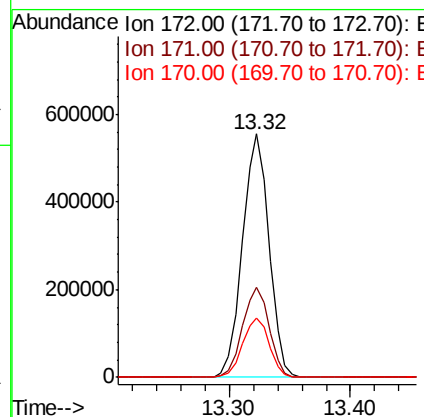
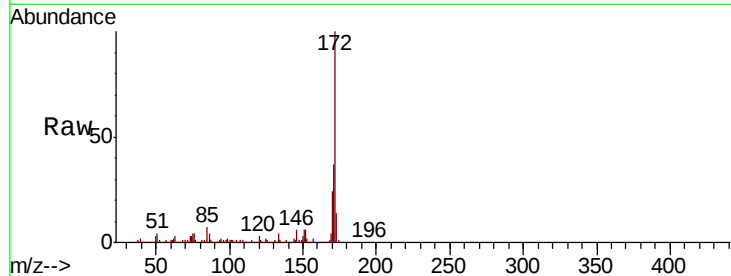
ClientSampleId :

TP-1MSD

Tot Ion:	172	Resp:	849302
Ion Ratio	Lower	Upper	
172	100		
171	37.2	30.5	45.7
170	24.4	20.1	30.1

Manual Integrations
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#46

1,1'-Biphenyl

Concen: 42.106 ng

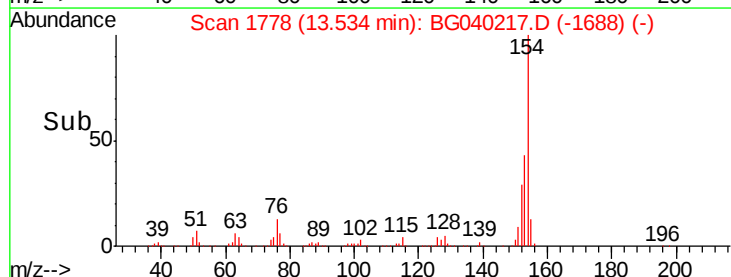
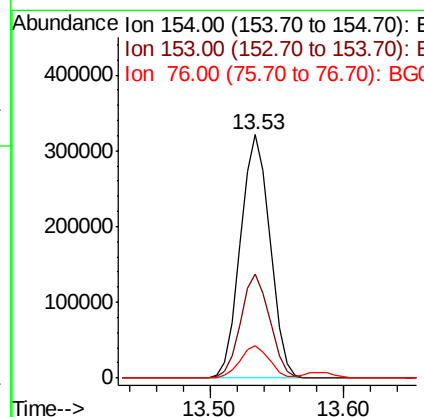
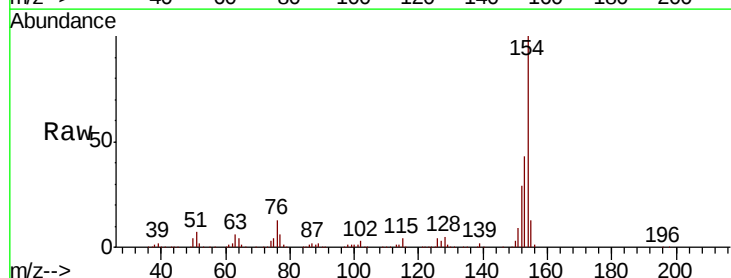
RT: 13.53 min Scan# 1778

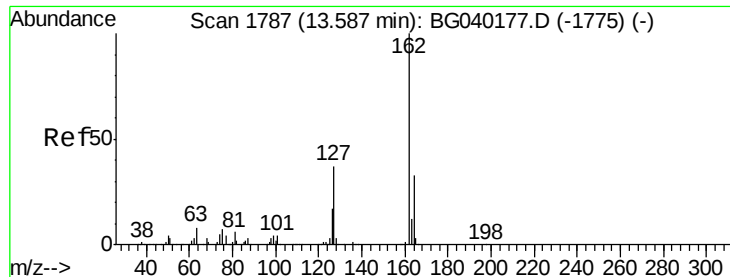
Delta R.T. -0.00 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

Tgt Ion:	154	Resp:	492685
Ion Ratio	Lower	Upper	
154	100		
153	42.5	22.5	62.5
76	13.4	0.0	33.7





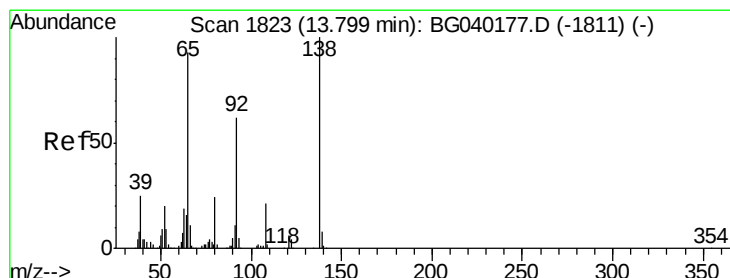
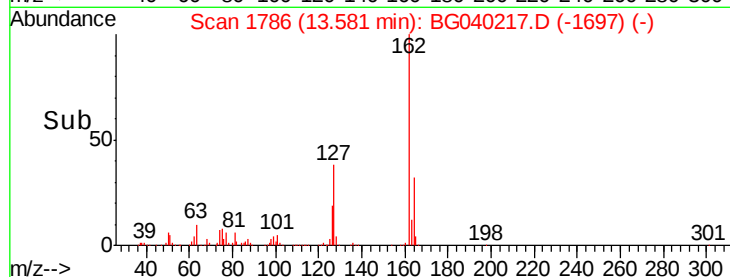
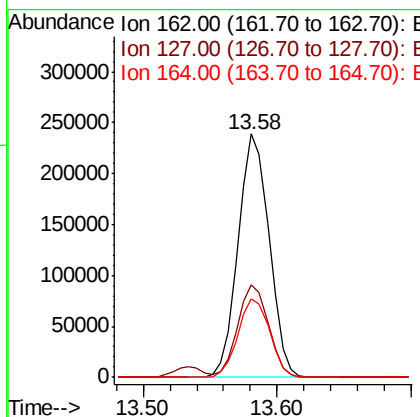
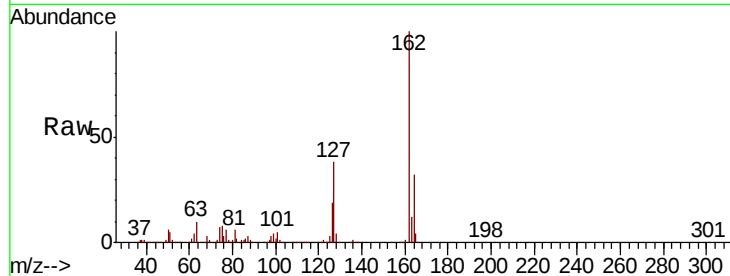
#47
 2-Chloronaphthalene
 Concen: 42.728 ng
 RT: 13.58 min Scan# 1786
 Delta R.T. -0.01 min
 Lab File: BG040217.D
 Acq: 29 Mar 2019 3:03

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.9	30.6	45.8
164	32.2	26.2	39.4

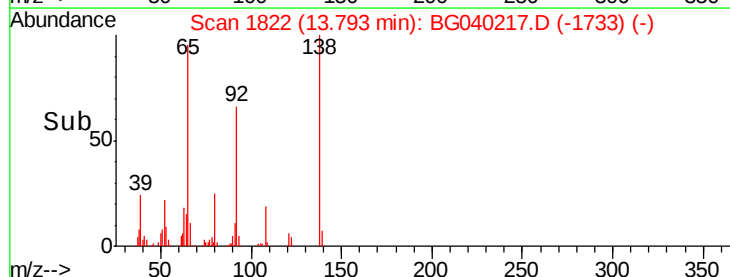
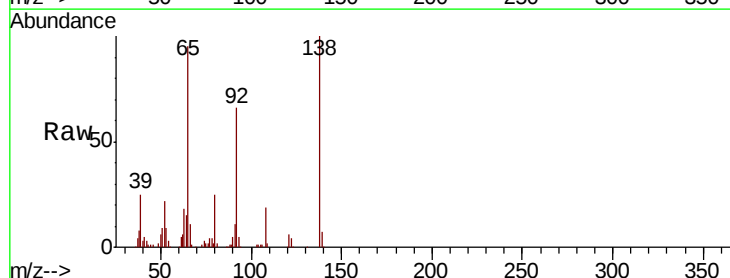
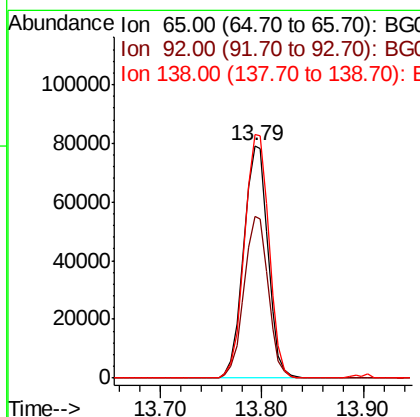
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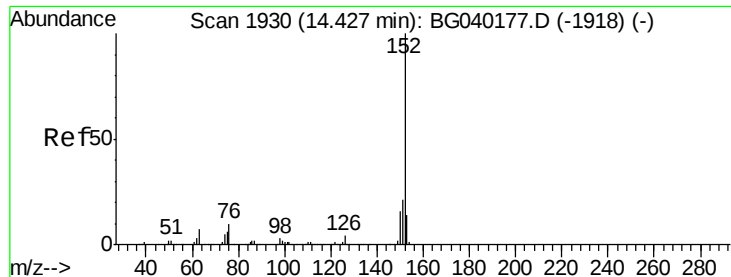
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#48
 2-Nitroaniline
 Concen: 43.571 ng
 RT: 13.79 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: BG040217.D
 Acq: 29 Mar 2019 3:03

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.4	53.8	80.6
138	104.9	86.3	129.5





#49

Acenaphthylene

Concen: 42.593 ng

RT: 14.43 min Scan# 1930

Delta R.T. -0.00 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

Instrument :

BNA_G

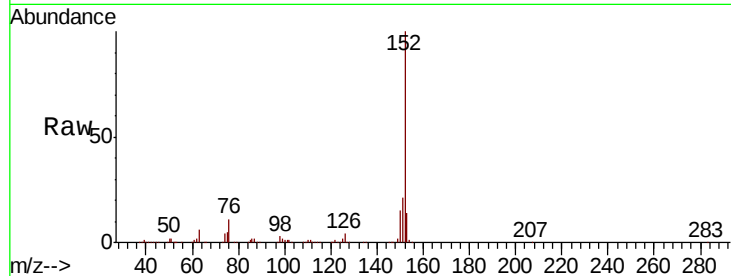
ClientSampled :

TP-1MSD

Tot Ion:	152	Resp:	648170
Ion Ratio	Lower	Upper	
152	100		
151	21.3	17.0	25.6
153	13.7	10.8	16.2

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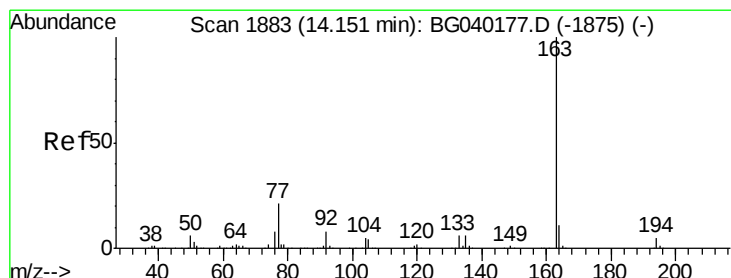
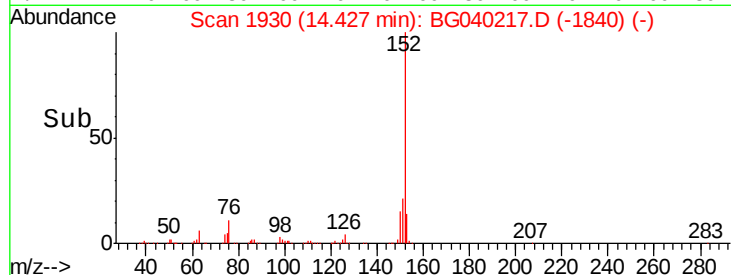
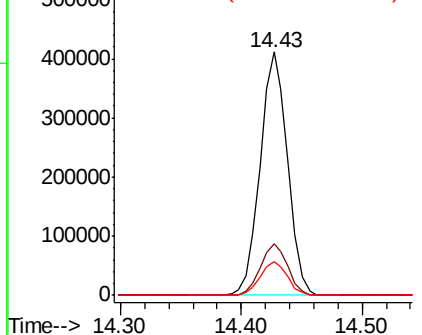


Abundance

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: 45.349 ng

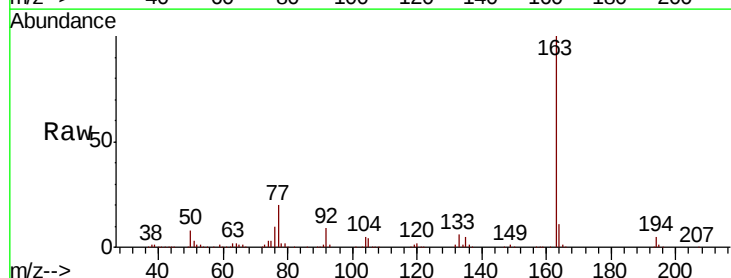
RT: 14.15 min Scan# 1883

Delta R.T. -0.00 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

Tgt Ion:	163	Resp:	525605
Ion Ratio	Lower	Upper	
163	100		
194	4.6	4.1	6.1
164	10.9	8.6	13.0

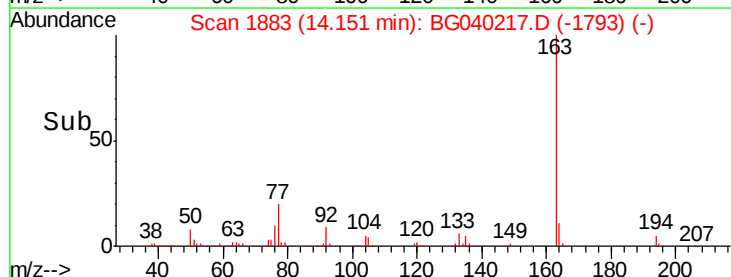
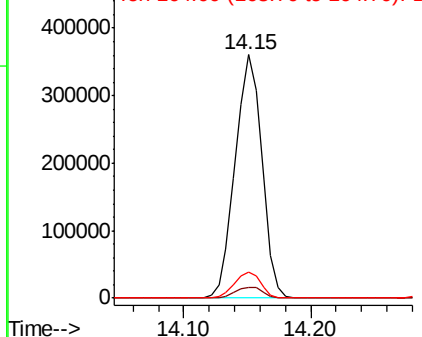


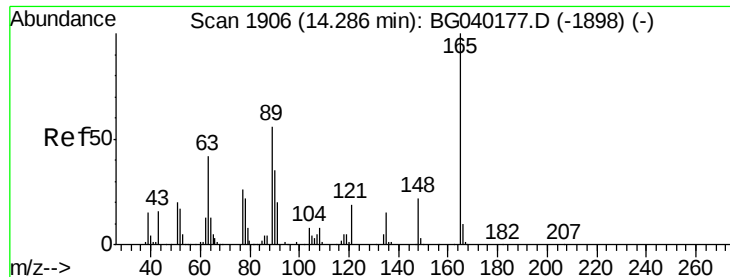
Abundance

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: 46.467 ng

RT: 14.28 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

Instrument :

BNA_G

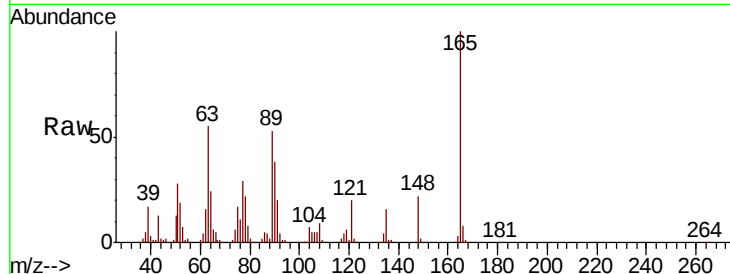
ClientSampled :

TP-1MSD

Tot Ion:	165	Resp:	120927
Ion Ratio	Lower	Upper	
165	100		
63	55.2	44.1	66.1
89	52.6	44.9	67.3

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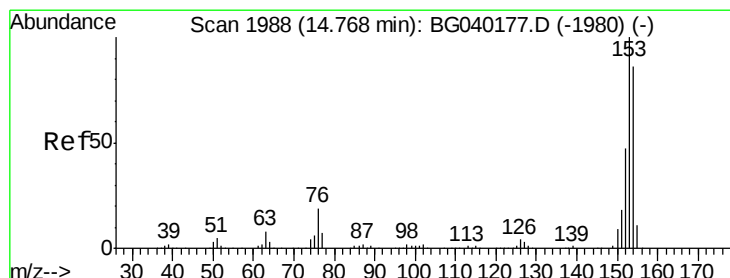
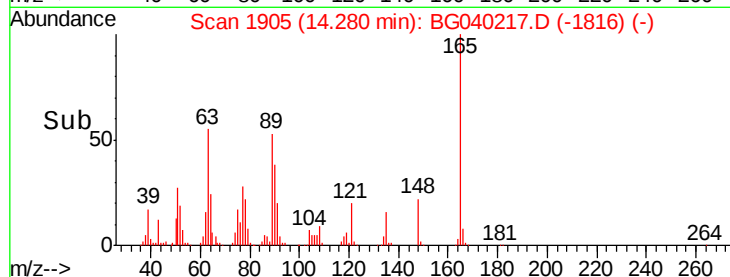
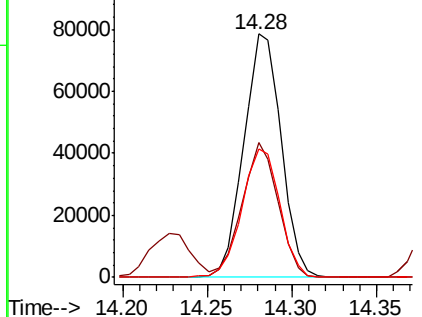
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 43.464 ng

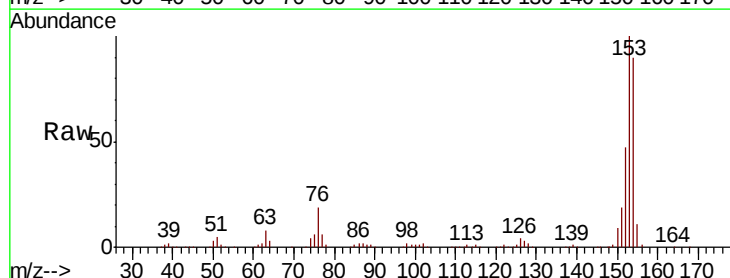
RT: 14.77 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

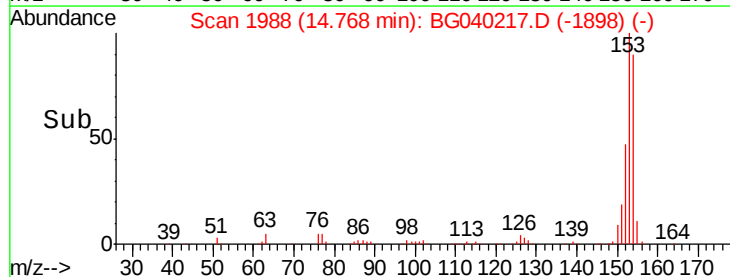
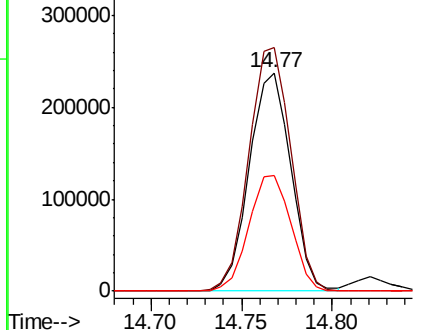
Tgt Ion:	154	Resp:	379003
Ion Ratio	Lower	Upper	
154	100		
153	111.5	92.8	139.2
152	52.8	43.4	65.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





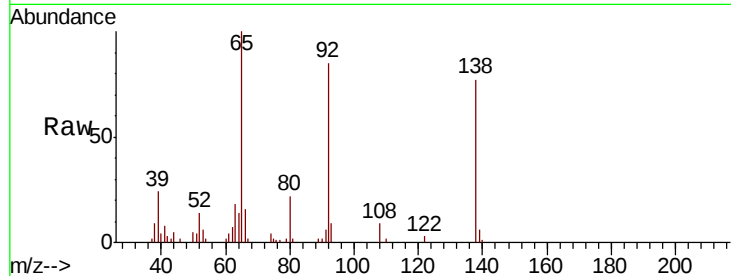
#53
3-Nitroaniline
Concen: 8.396 ng
RT: 14.62 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

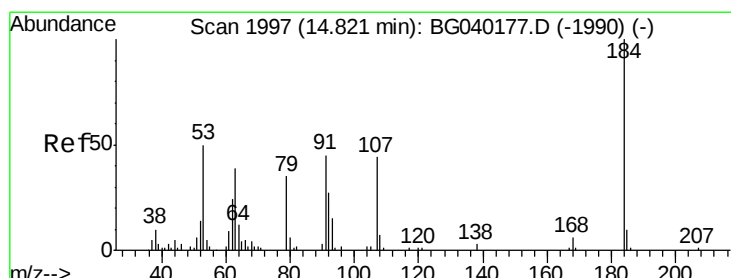
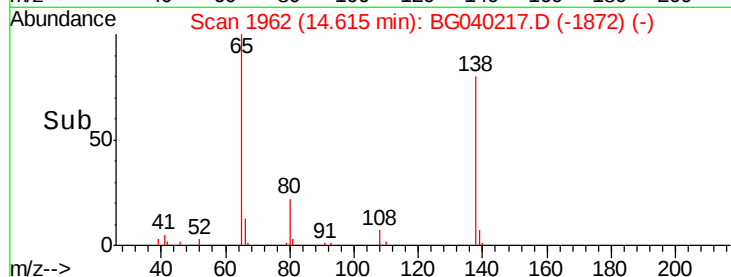
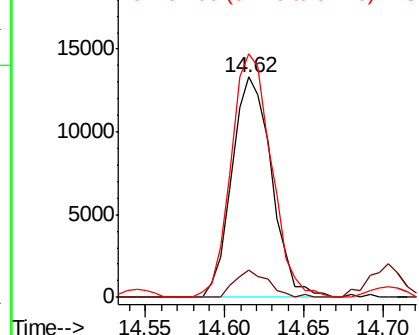
Tot Ion	Ratio	Lower	Upper
138	100		
108	12.3	7.8	11.8#
92	110.5	87.5	131.3

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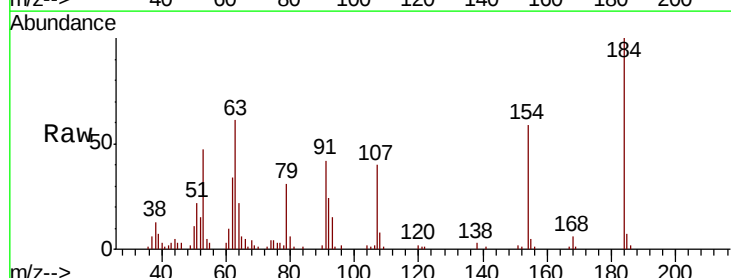


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

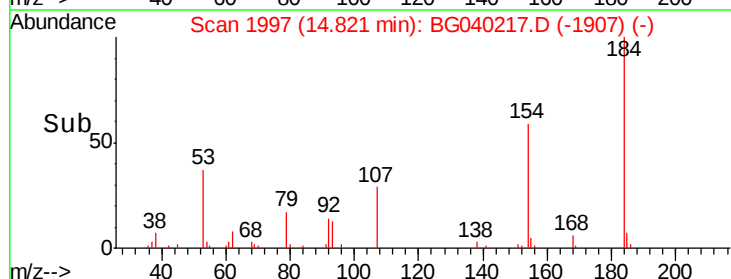
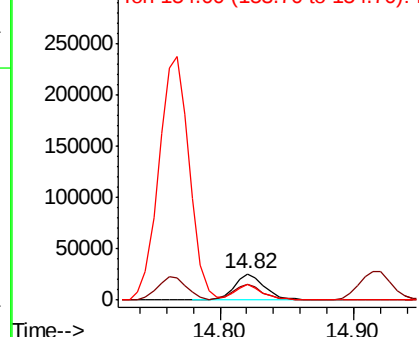


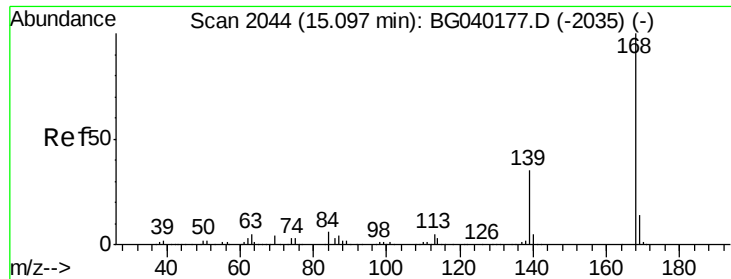
#54
2,4-Dinitrophenol
Concen: 29.883 ng
RT: 14.82 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.6	51.8	77.8
154	59.3	50.9	76.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E





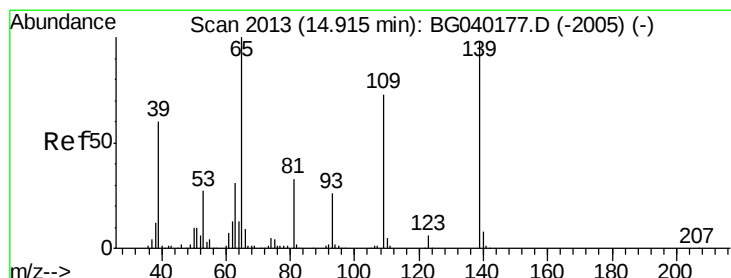
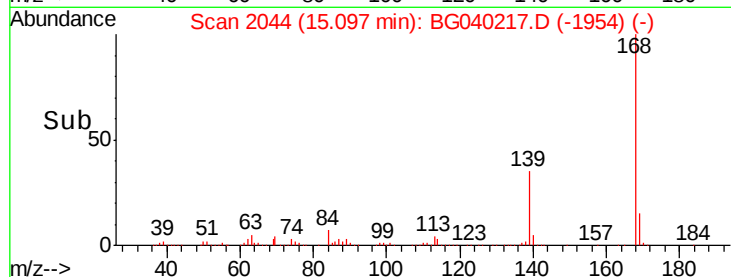
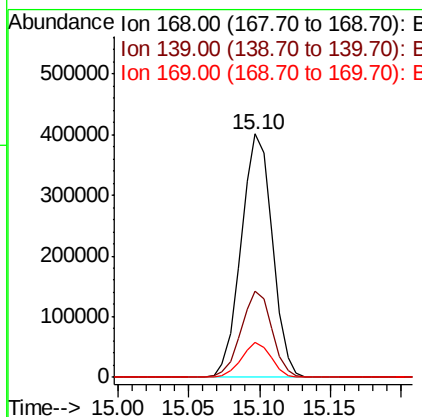
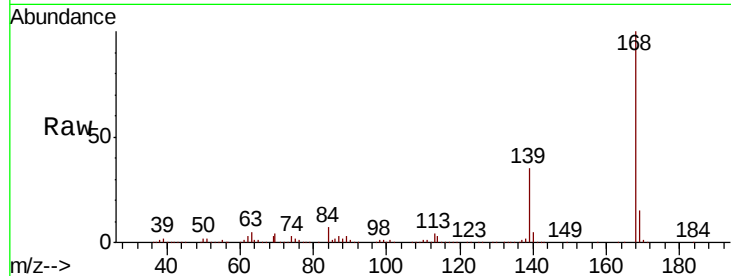
#55
Dibenzenofuran
Concen: 44.381 ng
RT: 15.10 min Scan# 2044
Delta R.T. -0.00 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Instrument :
BNA_G
ClientSampled :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.2	27.9	41.9
169	14.5	11.3	16.9

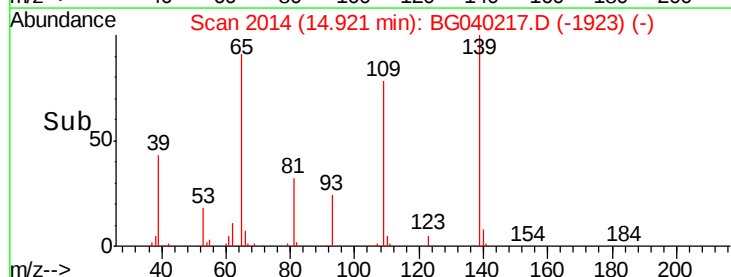
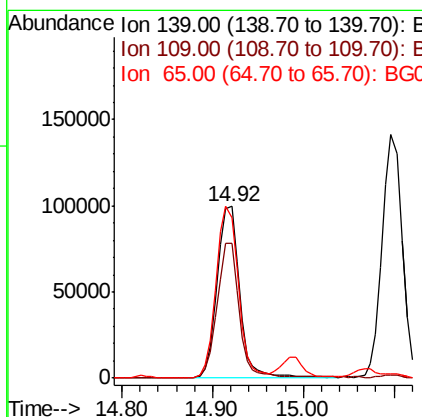
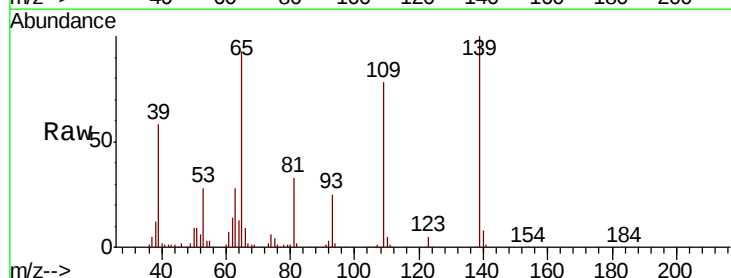
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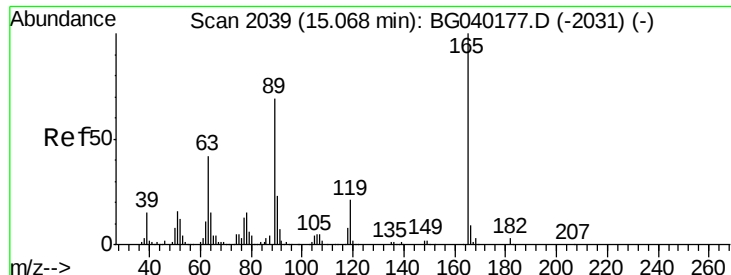
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#56
4-Nitrophenol
Concen: 77.735 ng
RT: 14.92 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Tgt Ion	Ratio	Lower	Upper
139	100		
109	78.3	54.3	94.3
65	93.1	82.5	122.5





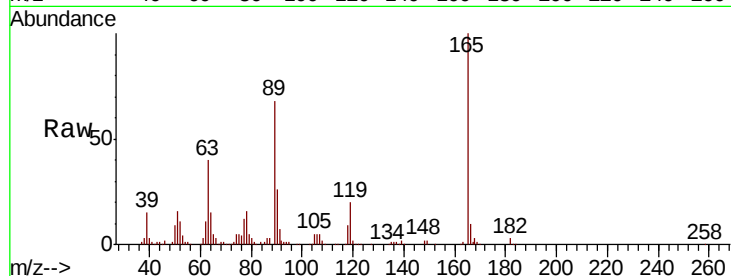
#57
2,4-Dinitrotoluene
Concen: 47.023 ng
RT: 15.07 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	170038		
63	40.3	33.8	50.6	
89	68.1	55.4	83.2	
182	3.3	2.2	3.4	

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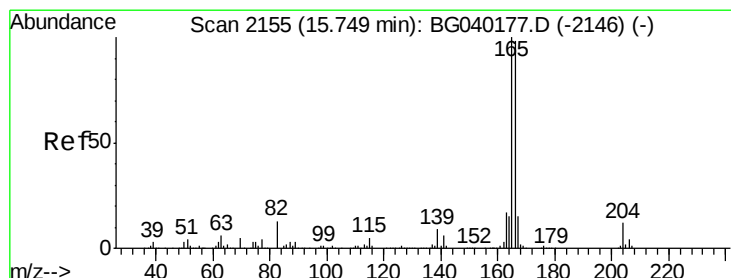
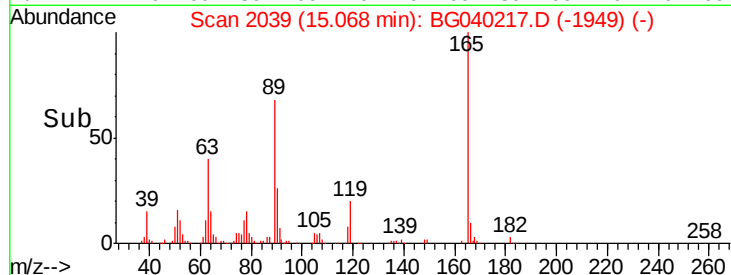
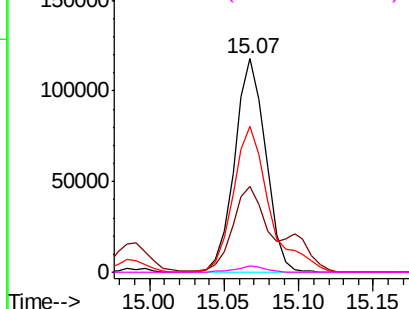
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 44.810 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

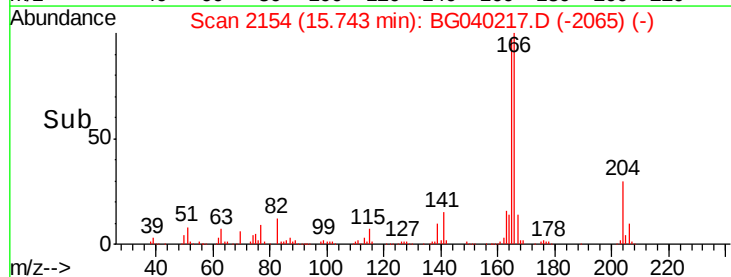
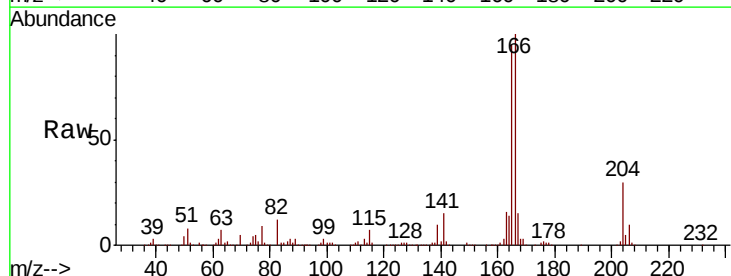
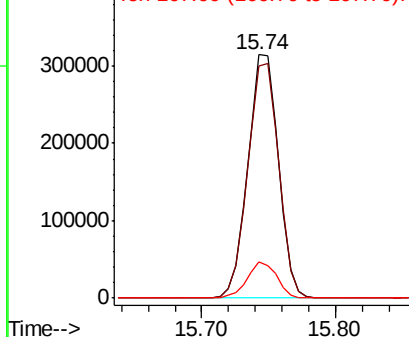
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	493640		
165	95.4	81.7	122.5	
167	14.8	11.9	17.9	

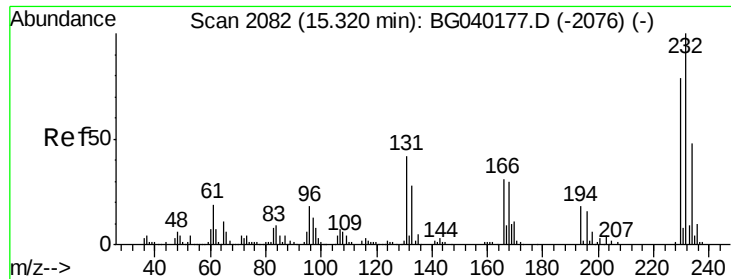
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





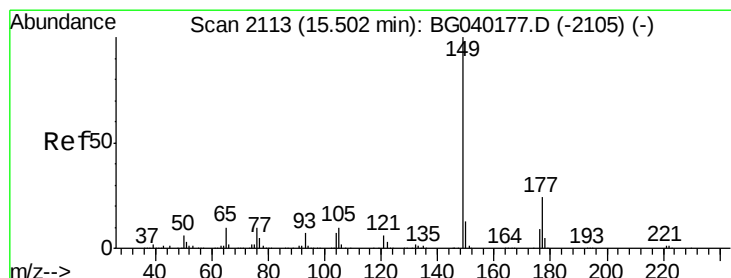
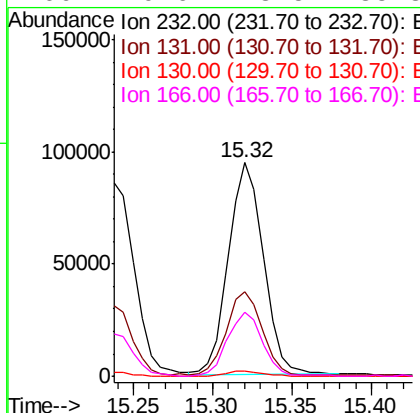
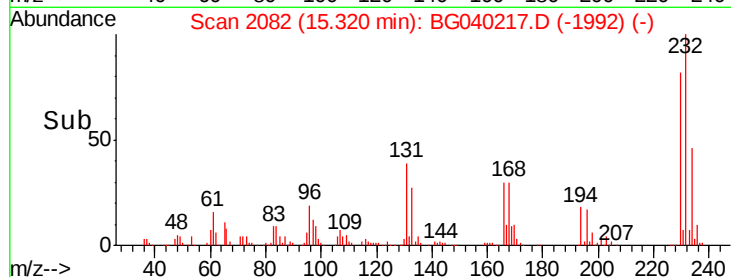
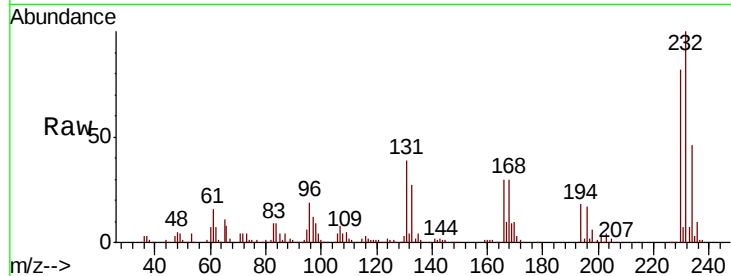
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.466 ng
RT: 15.32 min Scan# 2082
Delta R.T. -0.00 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Instrument :
BNA_G
ClientSampled :
TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	145474		
131	42.3		32.9	49.3
130	2.7		1.8	2.8
166	29.6		23.5	35.3

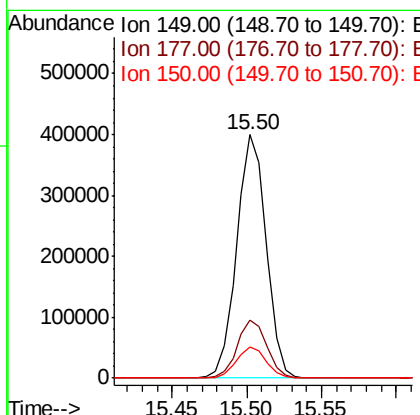
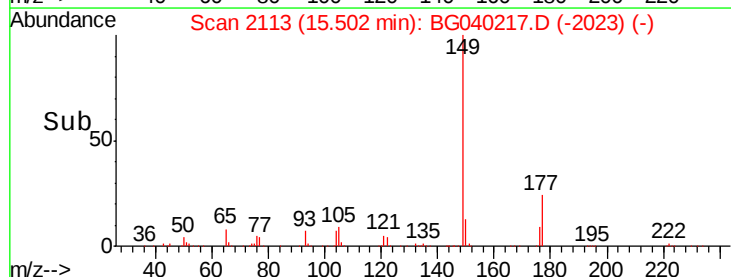
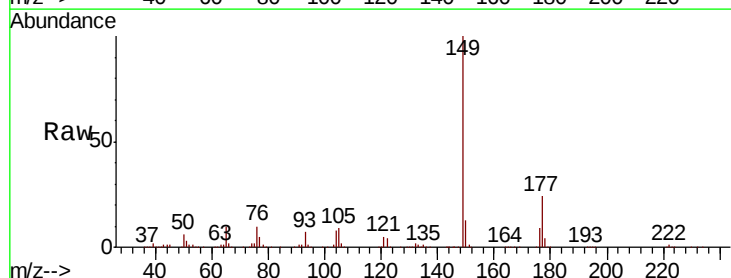
Manual Integrations
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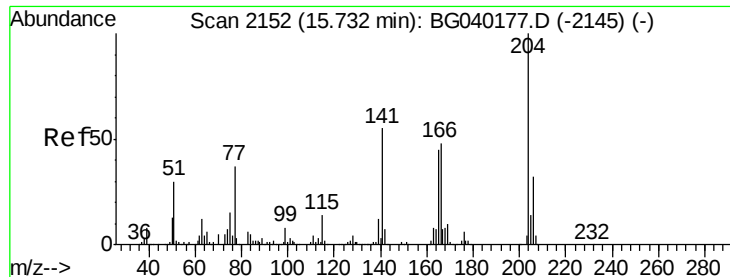
Sohil
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#60
Diethylphthalate
Concen: 46.160 ng
RT: 15.50 min Scan# 2113
Delta R.T. -0.00 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	547458		
177	24.0		19.1	28.7
150	12.7		10.6	15.8





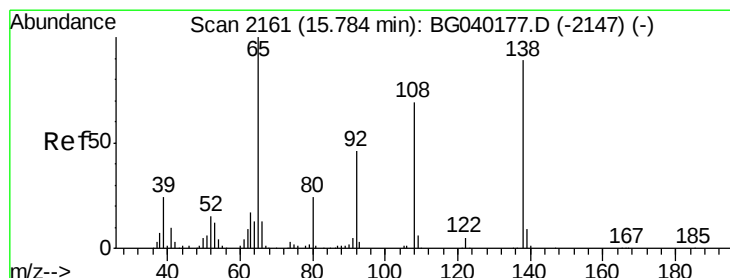
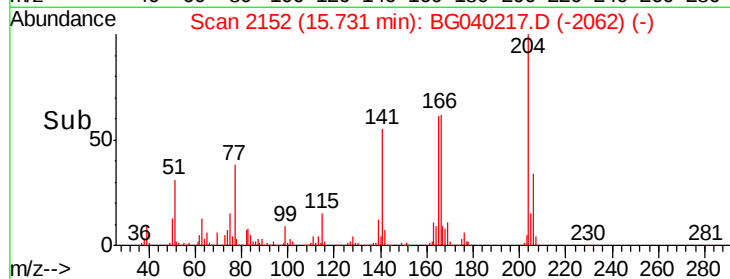
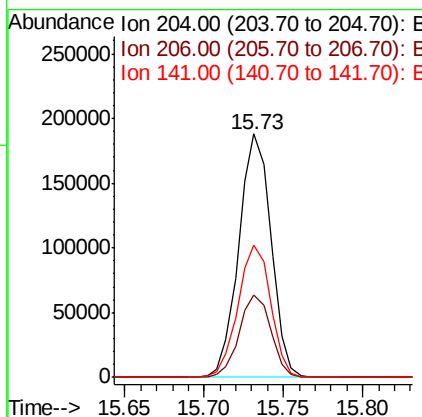
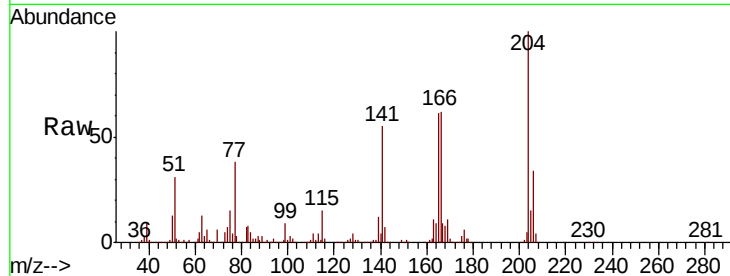
#61
4-Chlorophenyl-phenylether
Concen: 45.056 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Instrument :
BNA_G
ClientSampled :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.9	25.7	38.5
141	54.6	44.0	66.0

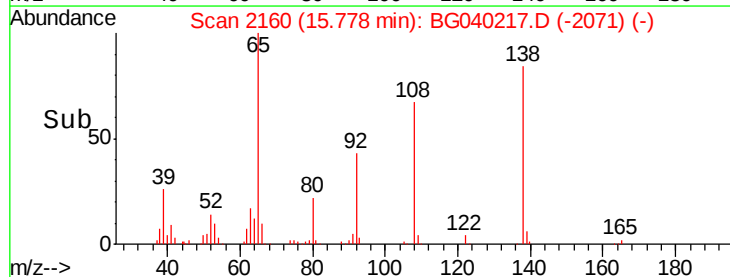
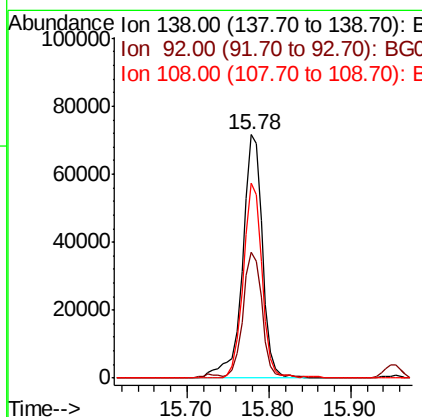
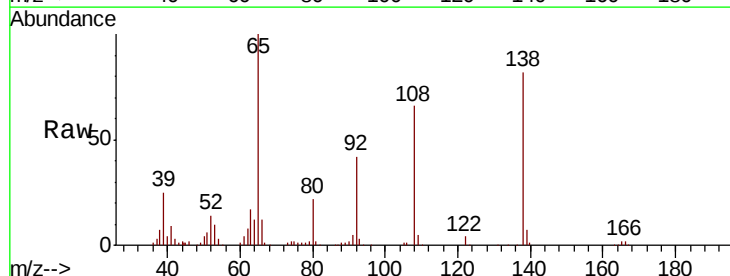
Manual Integrations
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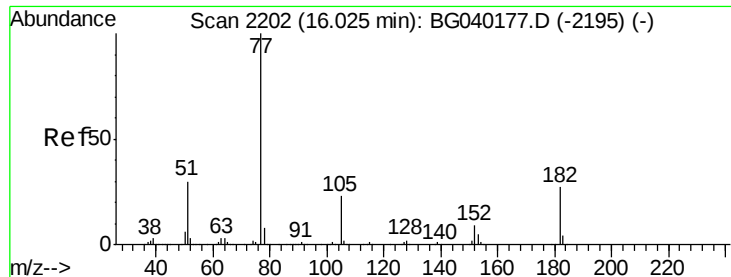
Sohil
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#62
4-Nitroaniline
Concen: 41.066 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.5	31.8	71.8
108	80.2	57.2	97.2





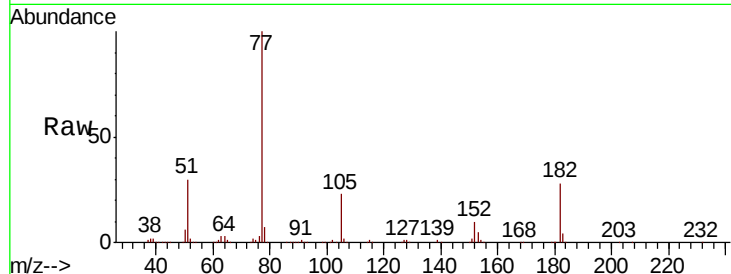
#63
Azobenzene
Concen: 44.526 ng
RT: 16.03 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.9	7.2	47.2
105	22.7	2.8	42.8
51	30.1	10.4	50.4

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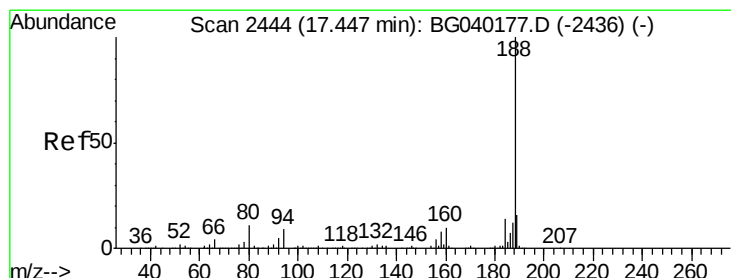
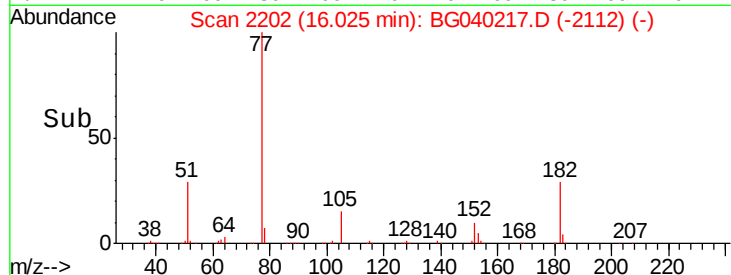
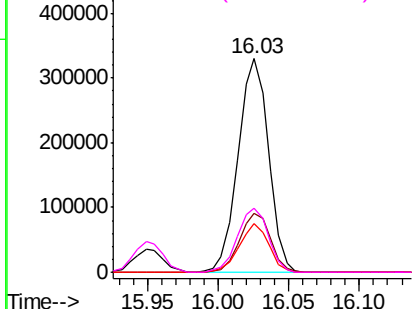
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

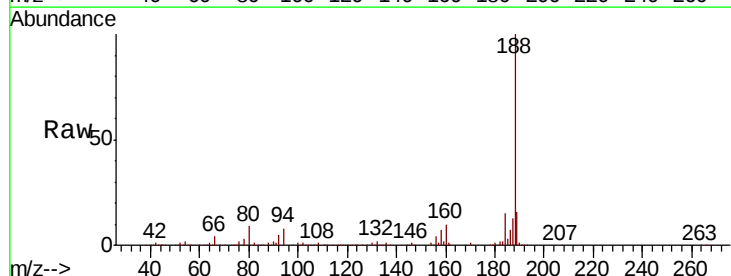
Ion 105.00 (104.70 to 105.70): BGC

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: BG040217.D
Acq: 29 Mar 2019 3:03

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	7.0	10.4
80	9.0	8.6	13.0

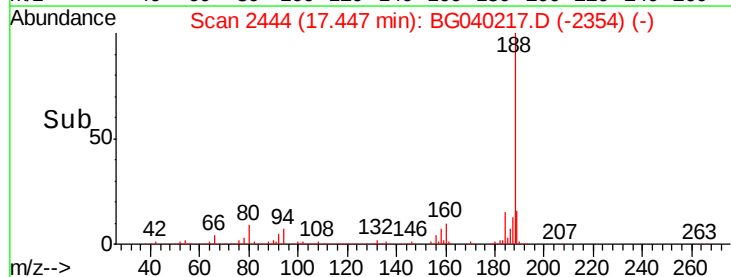
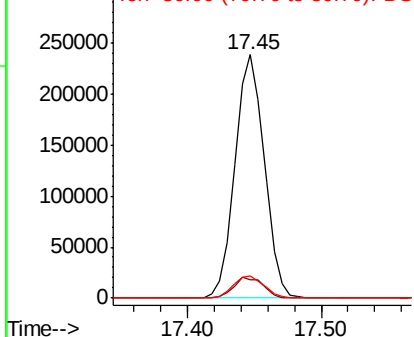


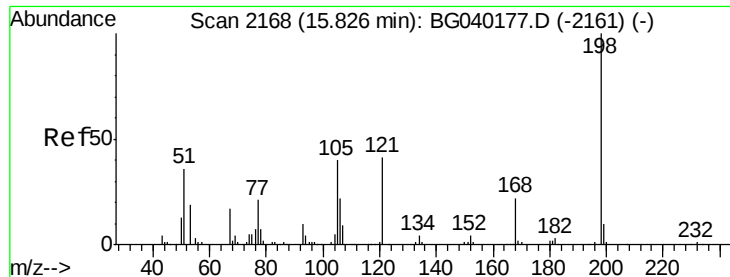
Abundance

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: 24.847 ng

RT: 15.83 min Scan# 2168

Delta R.T. -0.00 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

Instrument :

BNA_G

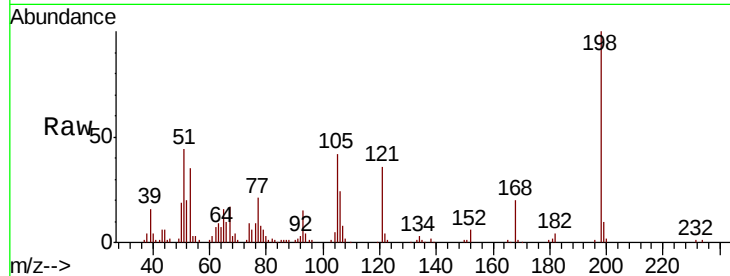
ClientSampleId :

TP-1MSD

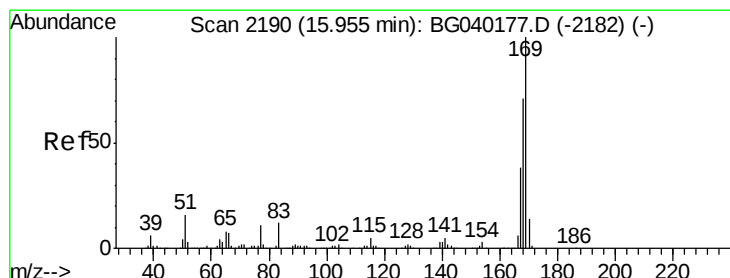
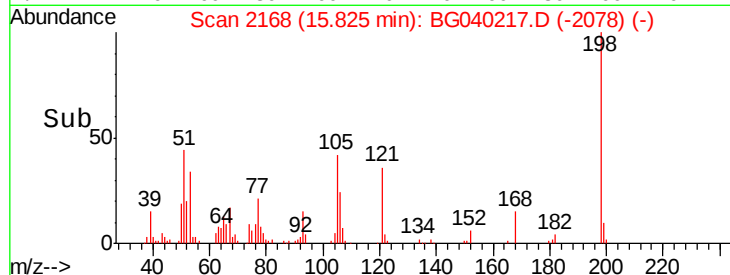
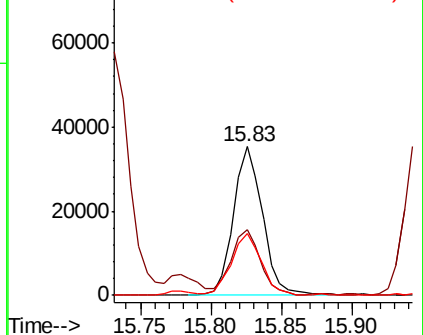
Tot Ion:	198	Resp:	50636
Ion Ratio	Lower	Upper	
198	100		
51	44.2	27.3	67.3
105	41.8	21.7	61.7

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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: 43.900 ng

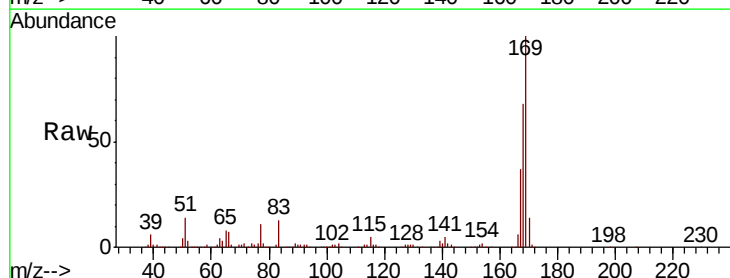
RT: 15.95 min Scan# 2190

Delta R.T. -0.00 min

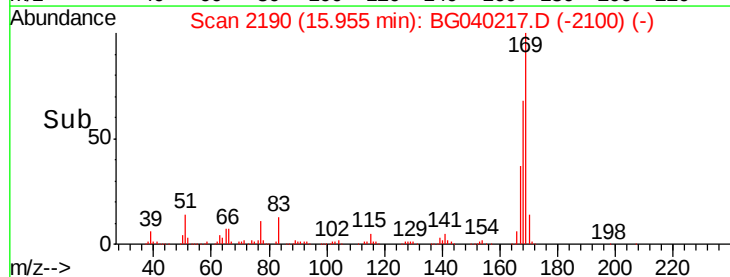
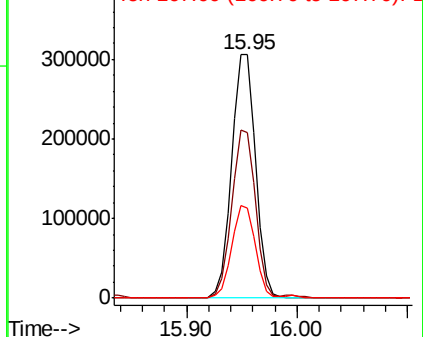
Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

Tgt Ion:	169	Resp:	465990
Ion Ratio	Lower	Upper	
169	100		
168	68.2	56.8	85.2
167	36.7	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





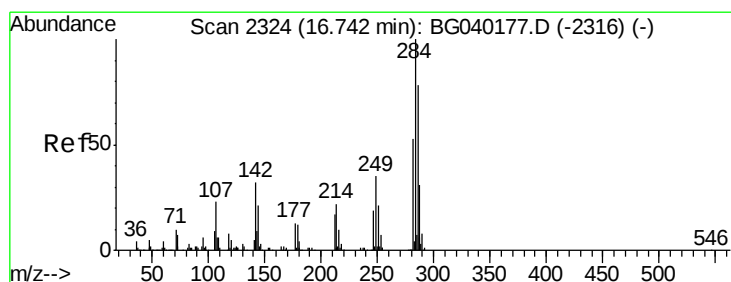
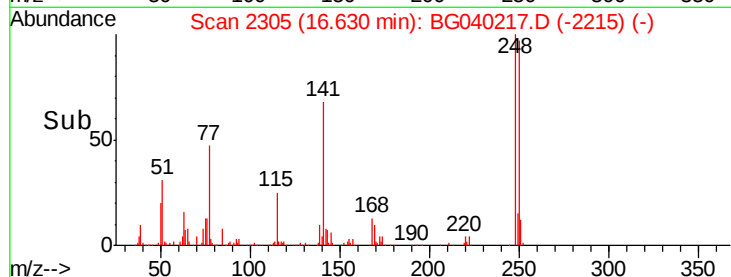
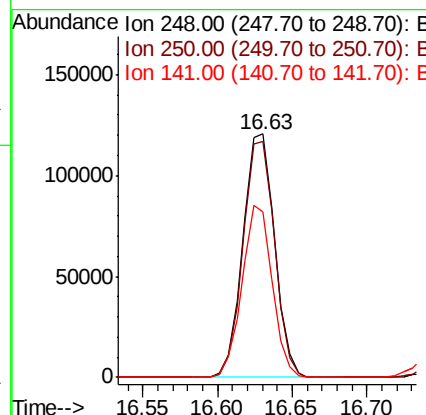
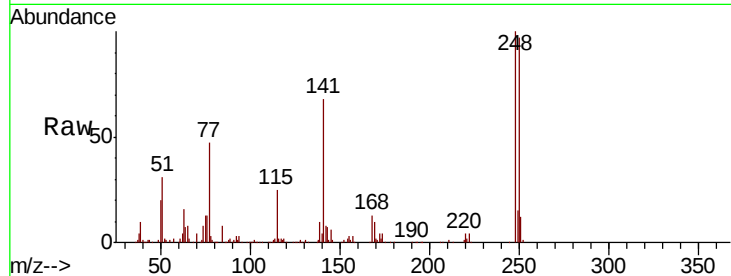
#67
4-Bromophenyl-phenylether
Concen: 43.555 ng
RT: 16.63 min Scan# 2305
Delta R.T. -0.00 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	76.4	114.6
141	67.7	53.8	80.8

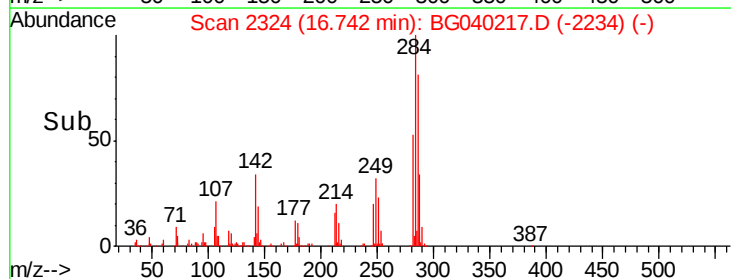
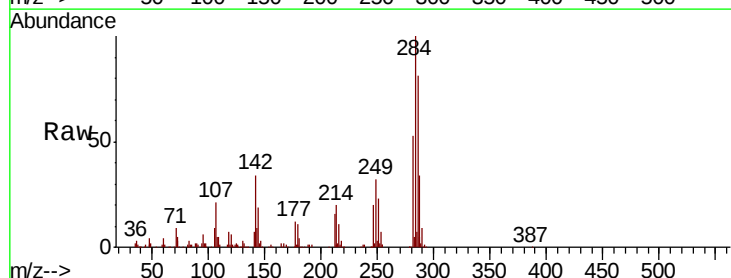
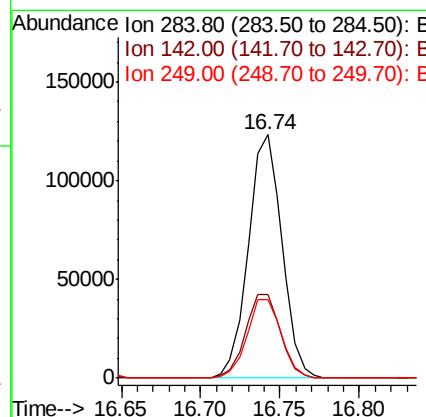
Manual Integrations
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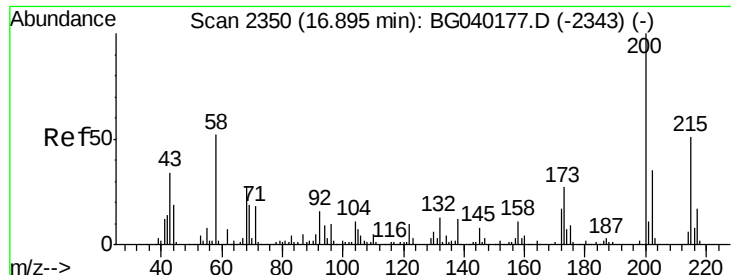
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#68
Hexachlorobenzene
Concen: 44.174 ng
RT: 16.74 min Scan# 2324
Delta R.T. -0.00 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.2	25.3	37.9
249	32.3	28.2	42.2





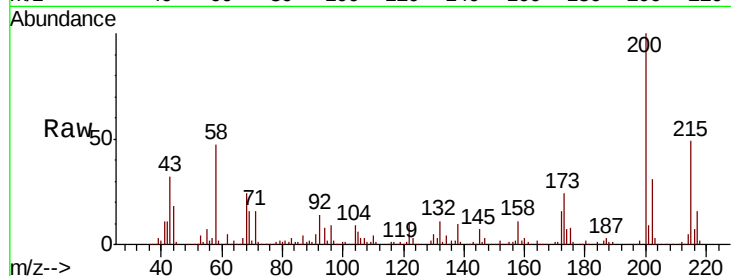
#69
Atrazine
Concen: 44.790 ng
RT: 16.89 min Scan# 2350
Delta R.T. -0.00 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.3	7.1	47.1
215	48.6	30.9	70.9

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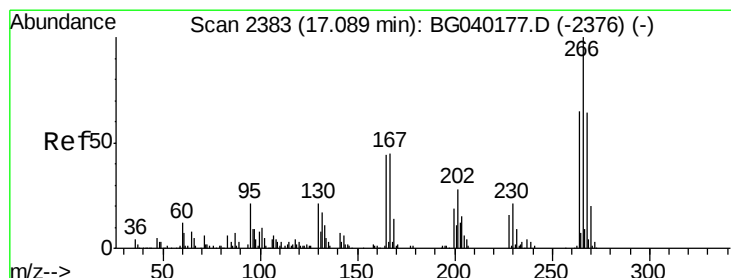
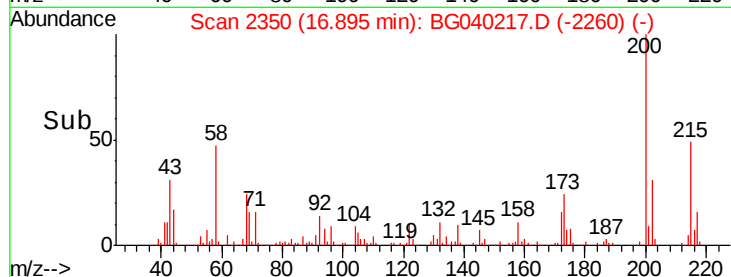
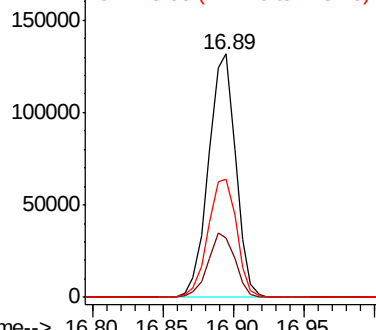


Abundance

Ion 200.00 (199.70 to 200.70): E

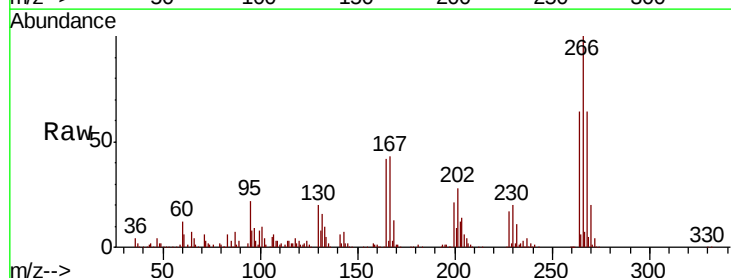
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 71.282 ng
RT: 17.09 min Scan# 2383
Delta R.T. -0.00 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.4	55.0	82.4
264	63.5	51.8	77.8

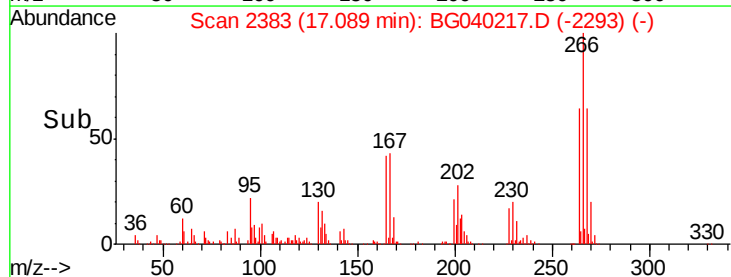
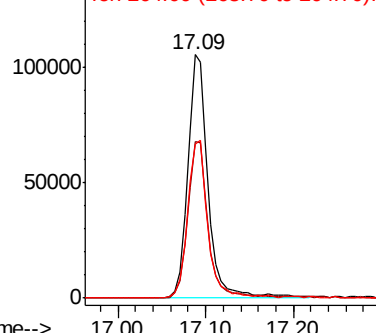


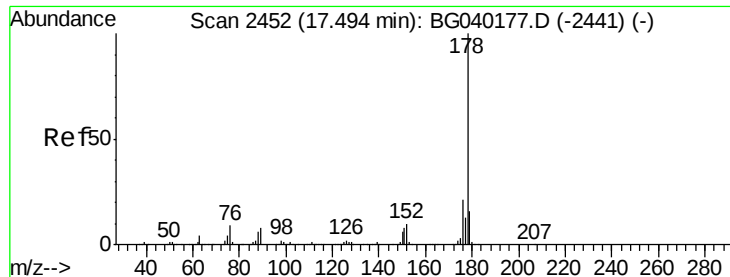
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





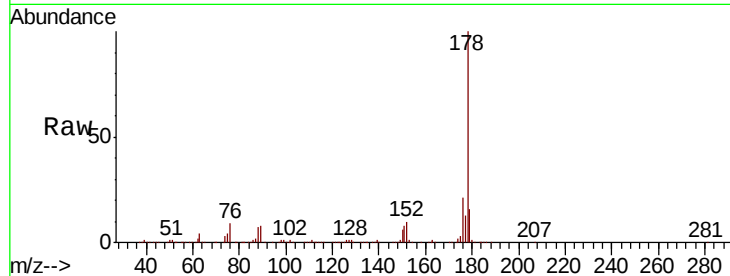
#71
Phenanthrene
Concen: 44.567 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.01 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.7	25.1
179	16.1	12.8	19.2

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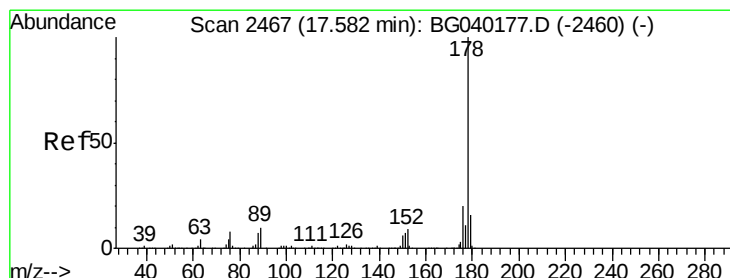
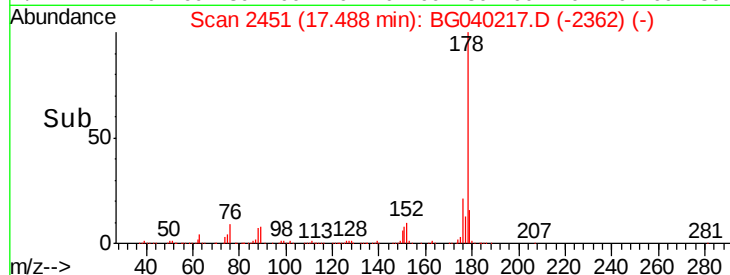
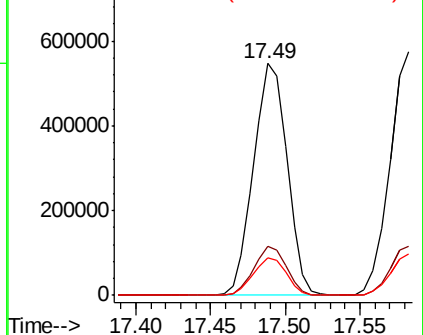


Abundance

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: 45.818 ng
RT: 17.58 min Scan# 2467
Delta R.T. -0.00 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

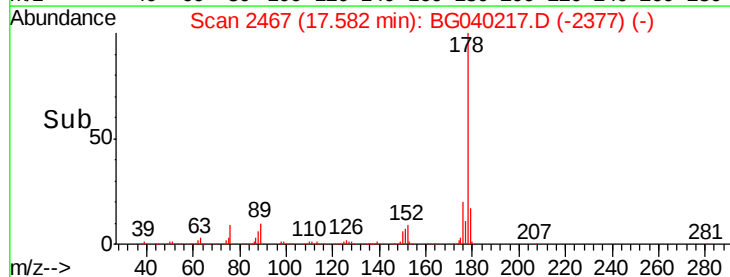
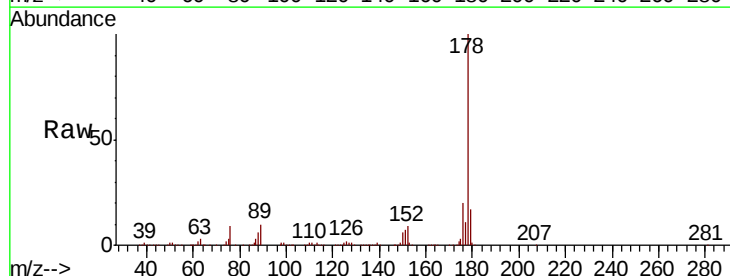
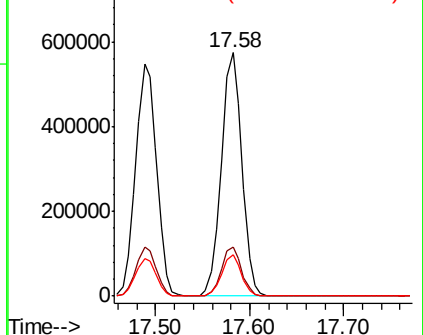
Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.9	23.9
179	16.9	12.9	19.3

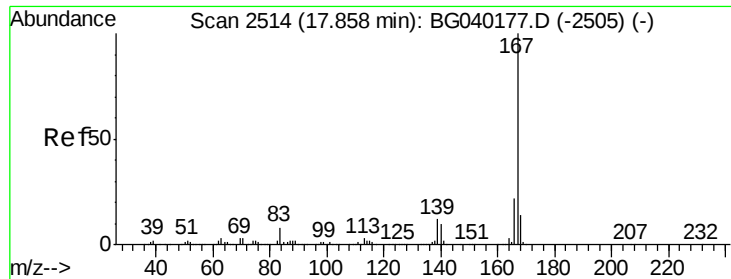
Abundance

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





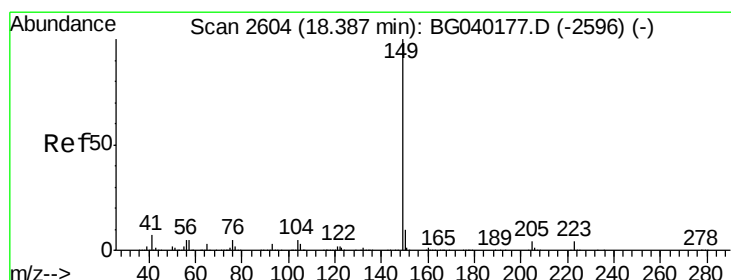
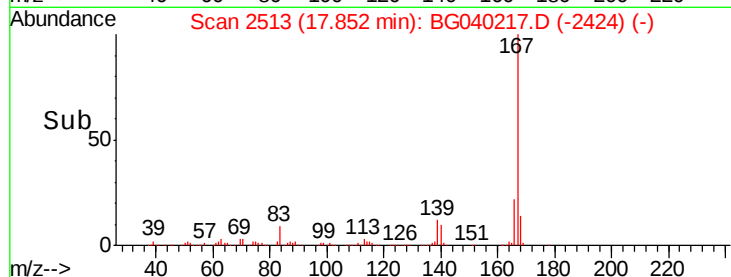
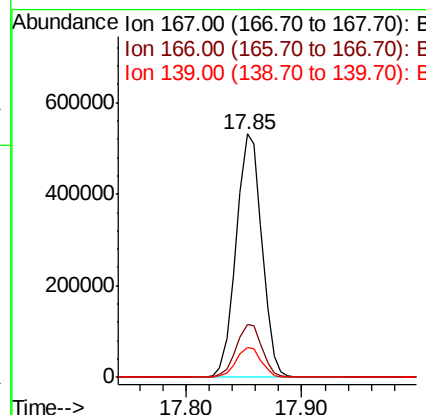
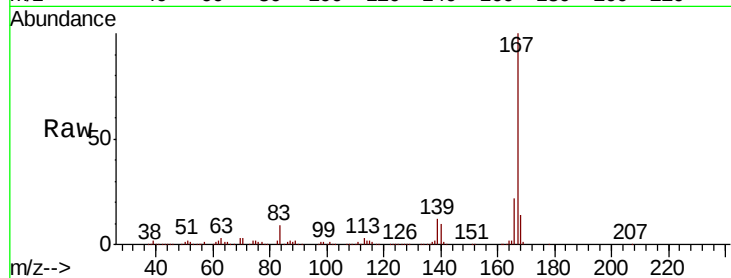
#73
 Carbazole
 Concen: 45.464 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.01 min
 Lab File: BG040217.D
 Acq: 29 Mar 2019 3:03

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.5	26.3
139	12.3	10.0	15.0

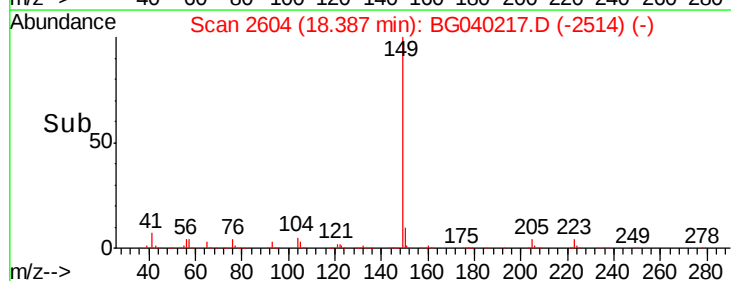
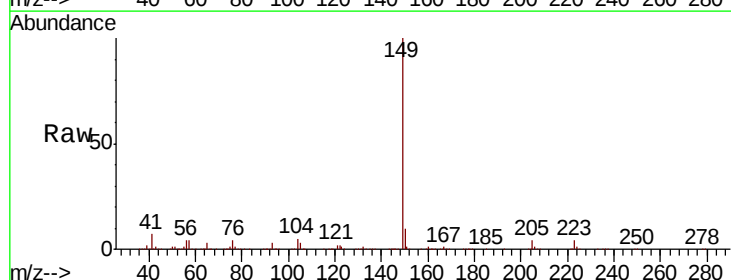
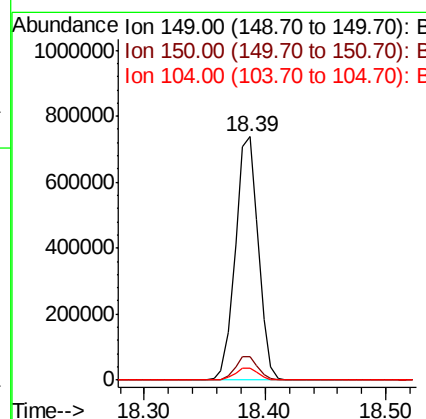
Manual Integrations
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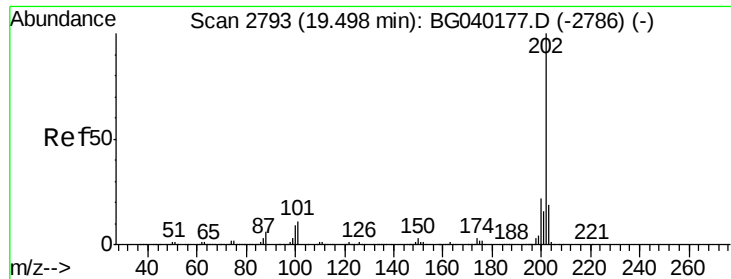
Sohil
 3/29/2019 4:45:42 PM



#74
 Di-n-butylphthalate
 Concen: 45.405 ng
 RT: 18.39 min Scan# 2604
 Delta R.T. -0.00 min
 Lab File: BG040217.D
 Acq: 29 Mar 2019 3:03

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.9	11.9
104	5.2	4.1	6.1





#75

Fluoranthene

Concen: 46.289 ng

RT: 19.50 min Scan# 2793

Delta R.T. -0.00 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

Instrument :

BNA_G

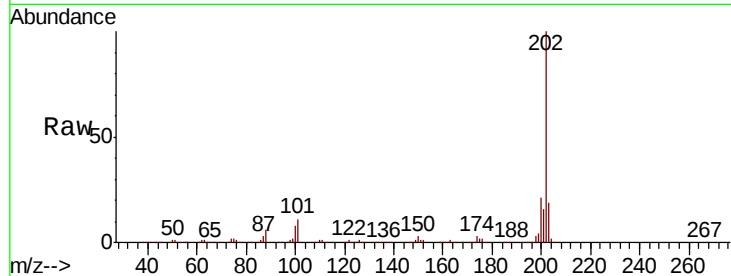
ClientSampleId :

TP-1MSD

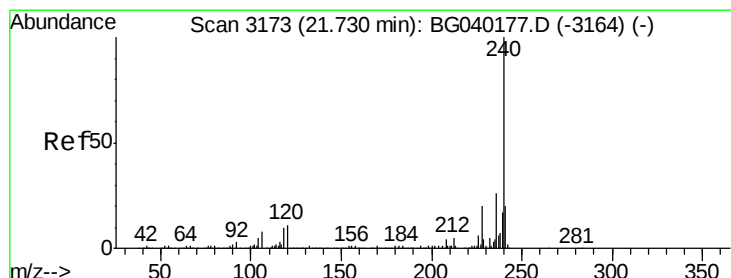
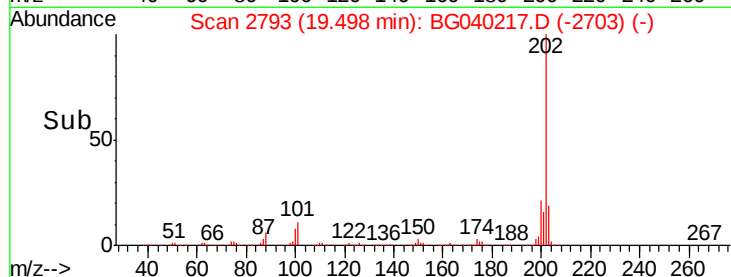
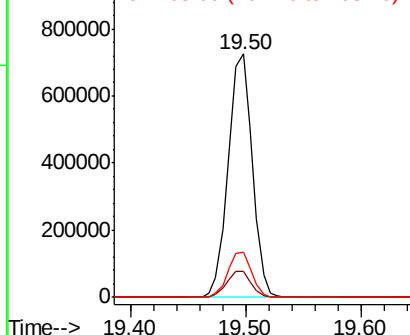
Tot Ion:	202	Resp:	1045057
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	30.8
203	18.5	0.0	38.9

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3172

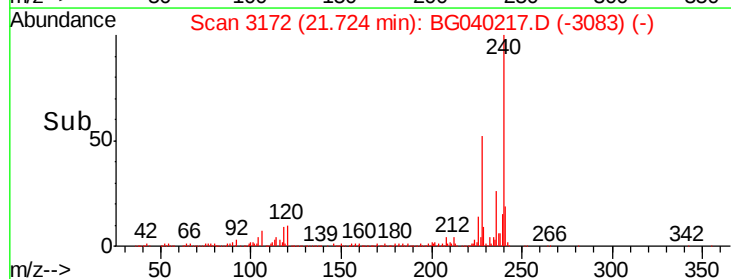
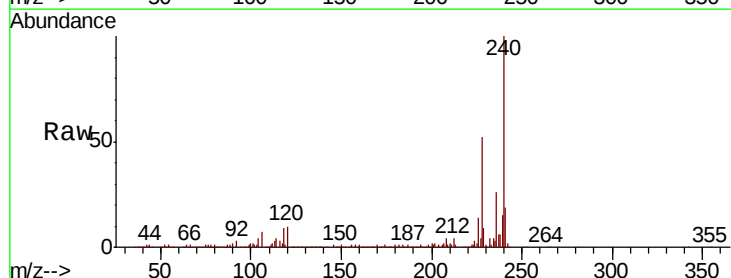
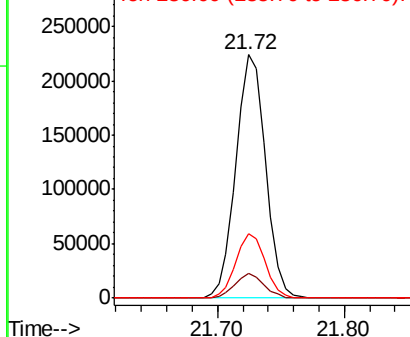
Delta R.T. -0.01 min

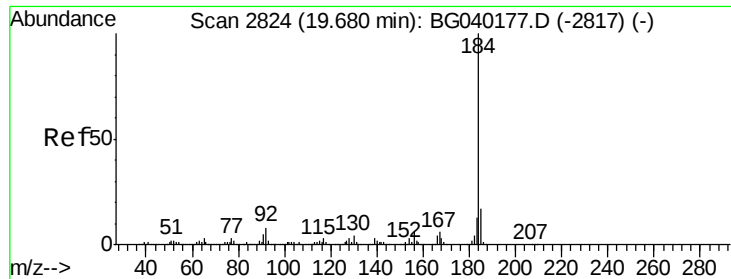
Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

Tgt Ion:	240	Resp:	362318
Ion Ratio	Lower	Upper	
240	100		
120	10.2	8.4	12.6
236	26.4	20.8	31.2

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





#77

Benzidine

Concen: 8.926 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

Instrument :

BNA_G

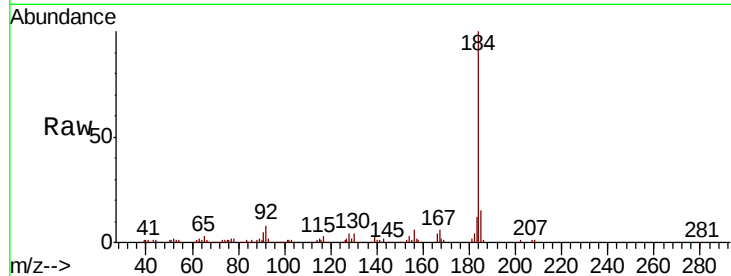
ClientSampled :

TP-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
184	100				
185	14.6	13.3	19.9		
183	12.2	10.3	15.5		

Manual Integrations
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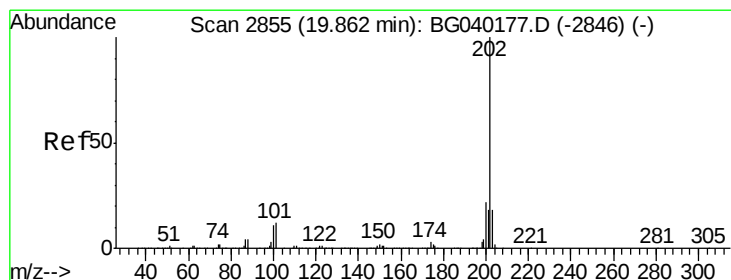
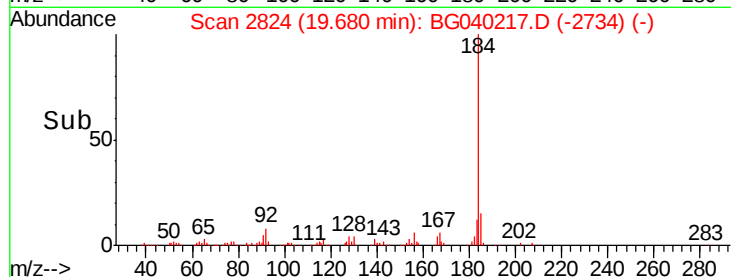
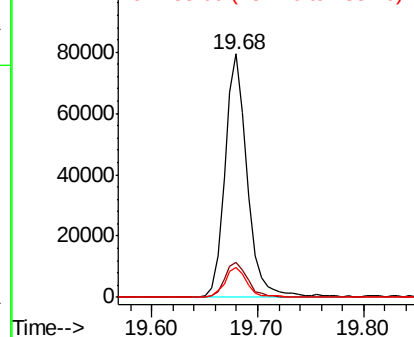


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.261 ng

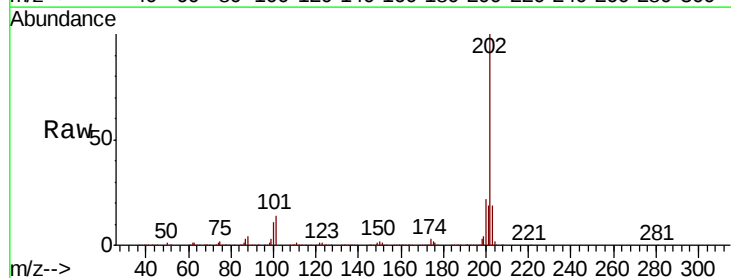
RT: 19.86 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
200	22.0	17.3	25.9		
203	18.9	14.6	22.0		

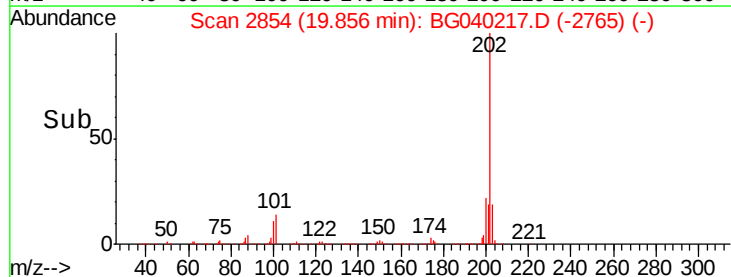
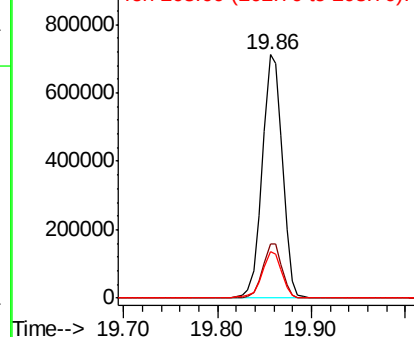


Abundance

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





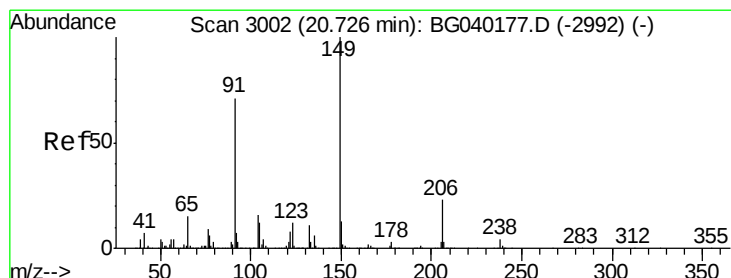
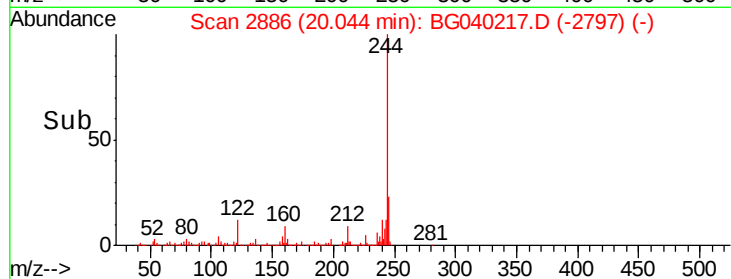
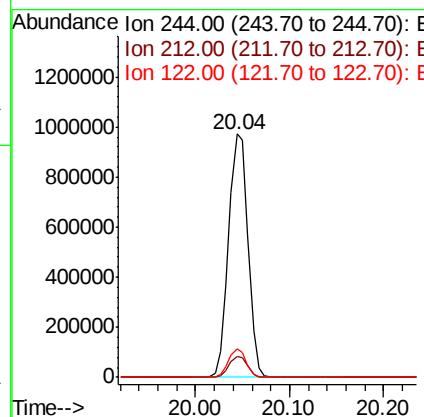
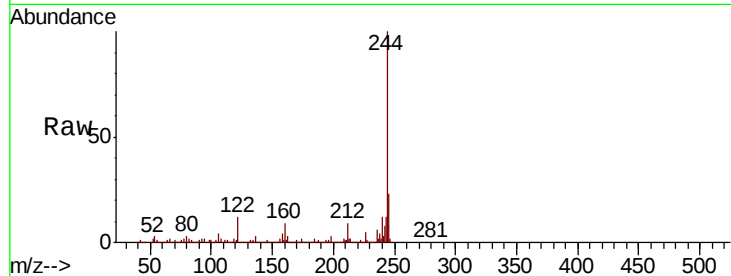
#79
 Terphenyl-d14
 Concen: 86.696 ng
 RT: 20.04 min Scan# 2886
 Delta R.T. -0.01 min
 Lab File: BG040217.D
 Acq: 29 Mar 2019 3:03

Instrument :
 BNA_G
 ClientSampled :
 TP-1MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.6
122	11.8	8.5	12.7

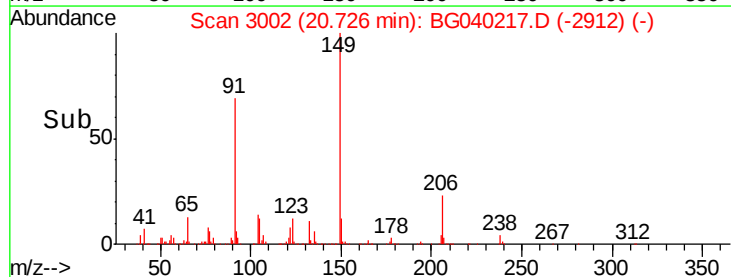
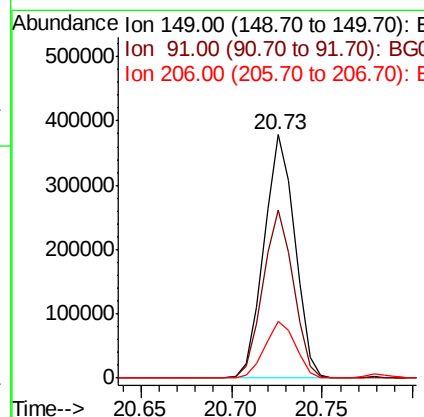
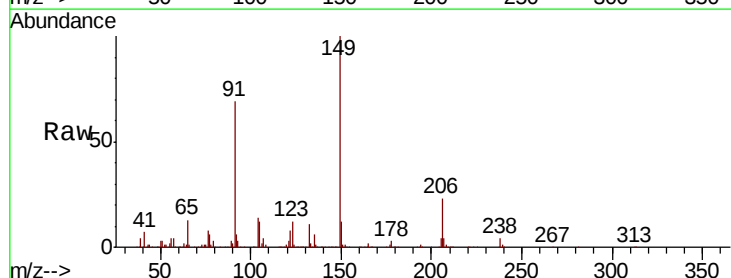
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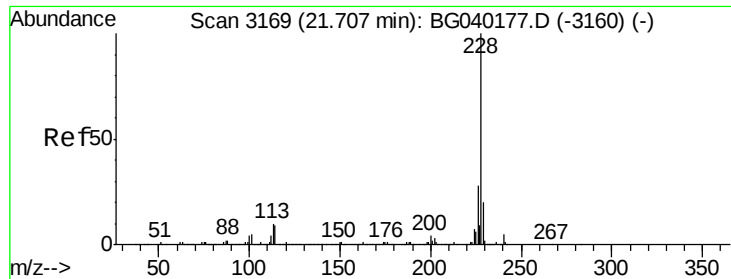
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#80
 Butylbenzylphthalate
 Concen: 43.888 ng
 RT: 20.73 min Scan# 3002
 Delta R.T. -0.00 min
 Lab File: BG040217.D
 Acq: 29 Mar 2019 3:03

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.9	57.0	85.4
206	23.1	18.2	27.4





#81

Benzo(a)anthracene

Concen: 43.098 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.00 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

Instrument :

BNA_G

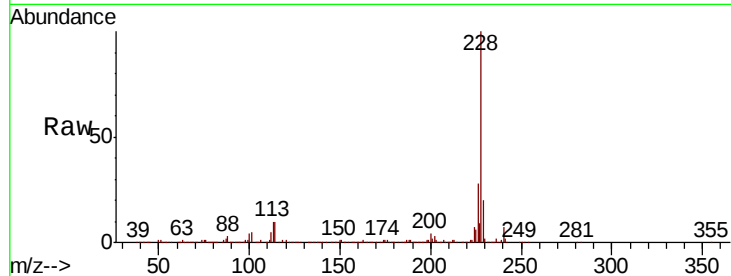
ClientSampleId :

TP-1MSD

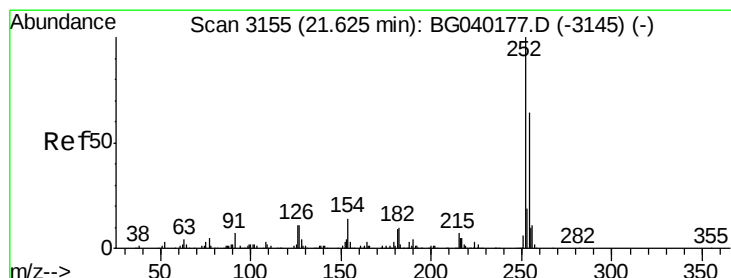
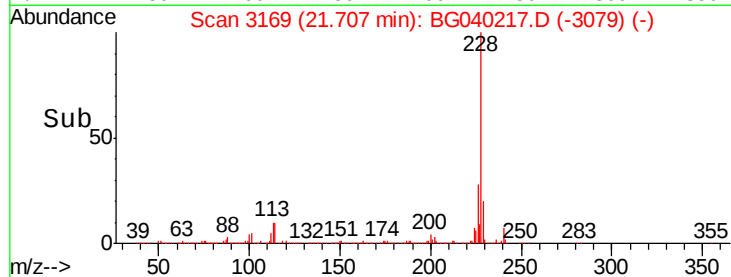
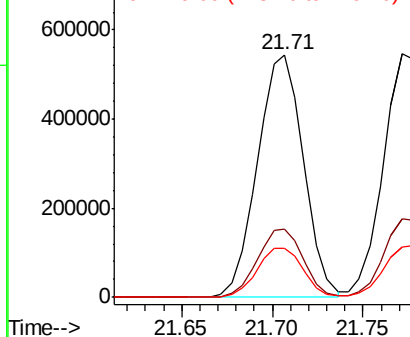
Tot Ion:	228	Resp:	961808
Ion Ratio	Lower	Upper	
228	100		
226	28.3	22.6	34.0
229	20.4	16.1	24.1

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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: 11.588 ng

RT: 21.62 min Scan# 3154

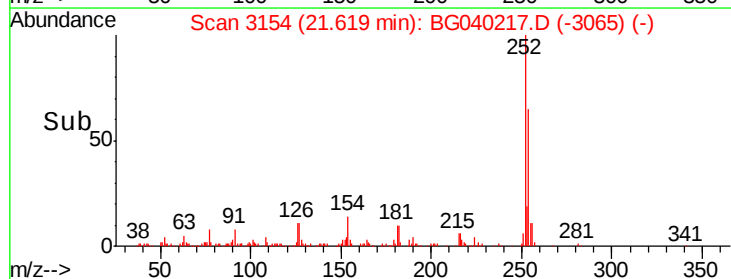
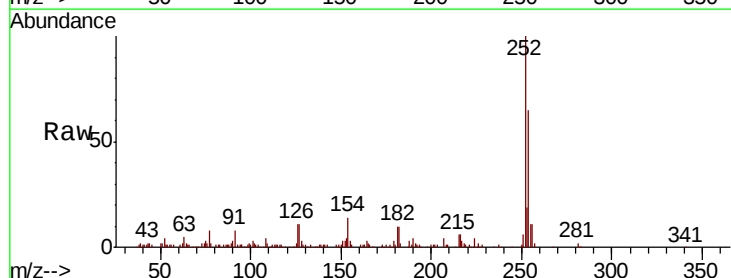
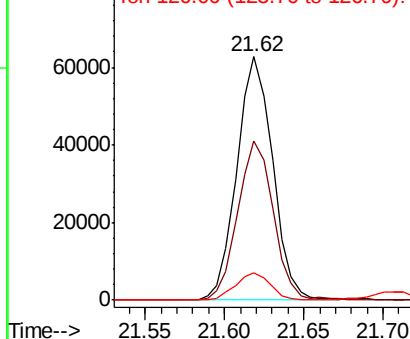
Delta R.T. -0.01 min

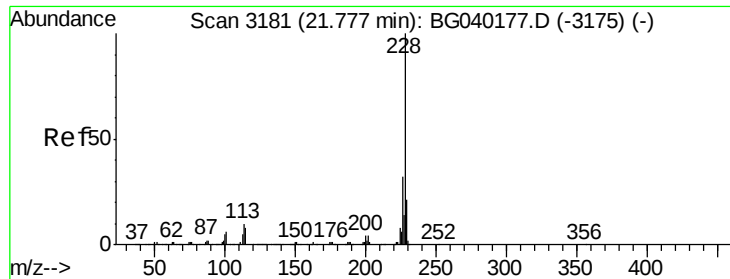
Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

Tgt Ion:	252	Resp:	98376
Ion Ratio	Lower	Upper	
252	100		
254	65.1	51.4	77.2
126	11.3	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





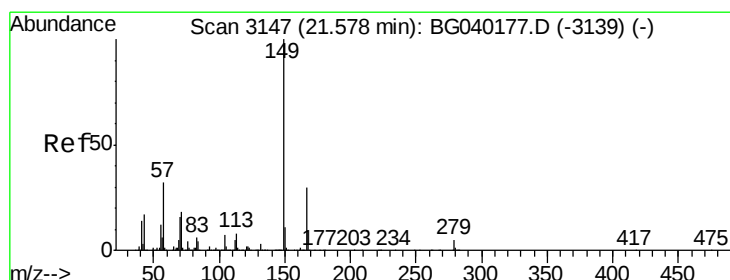
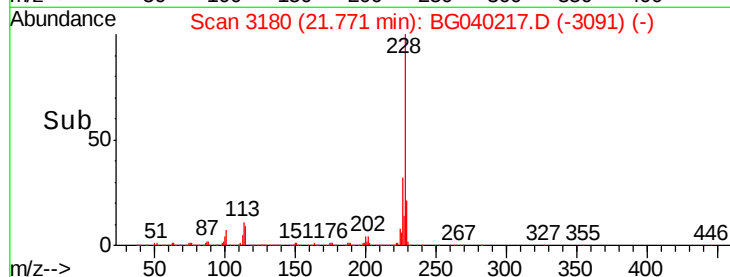
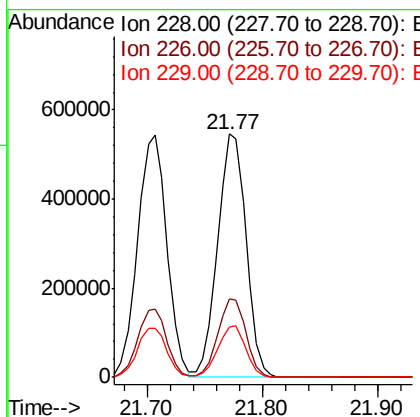
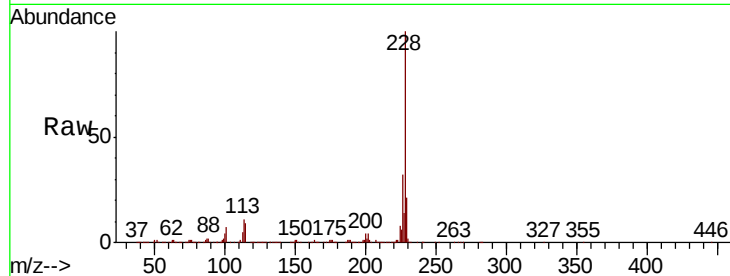
#83
 Chrvsene
 Concen: 43.380 ng
 RT: 21.77 min Scan# 3180
 Delta R.T. -0.01 min
 Lab File: BG040217.D
 Acq: 29 Mar 2019 3:03

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.4	38.0
229	20.6	17.0	25.4

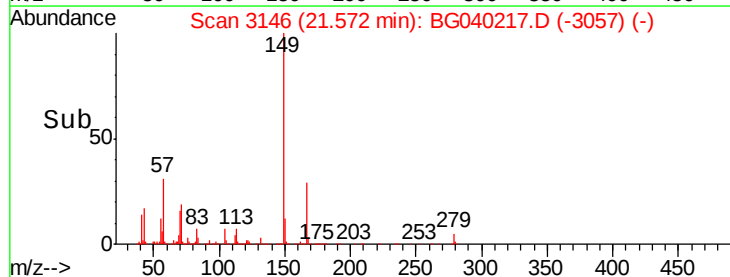
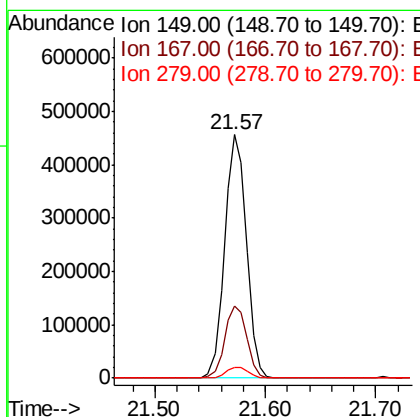
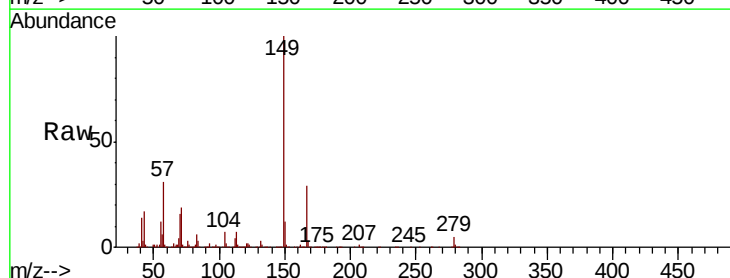
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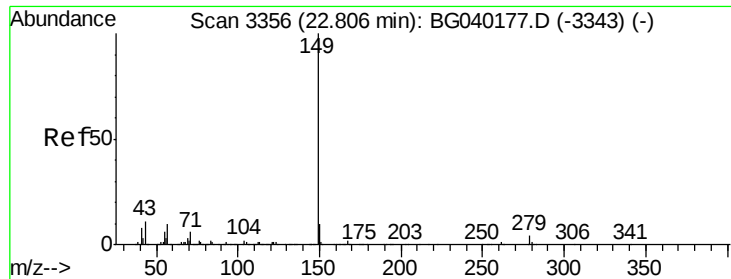
Sohil
 3/29/2019 4:45:42 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.180 ng
 RT: 21.57 min Scan# 3146
 Delta R.T. -0.01 min
 Lab File: BG040217.D
 Acq: 29 Mar 2019 3:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.5	24.1	36.1
279	4.6	4.1	6.1





#85

Di-n-octyl phthalate

Concen: 43.324 ng

RT: 22.80 min Scan# 3355

Delta R.T. -0.01 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

Instrument :

BNA_G

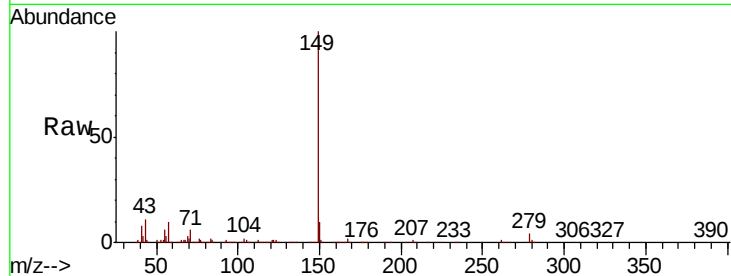
ClientSampleId :

TP-1MSD

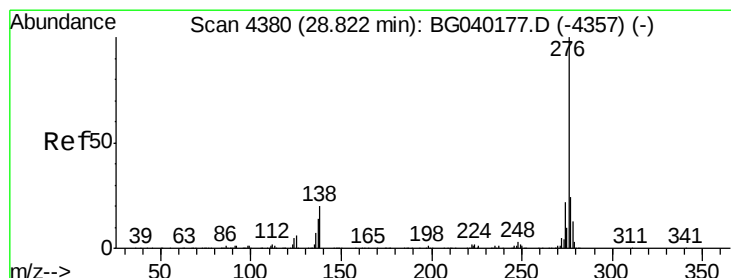
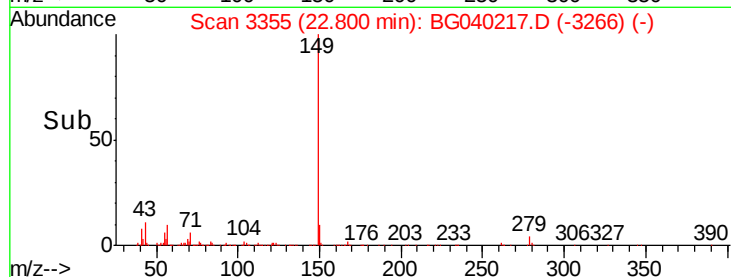
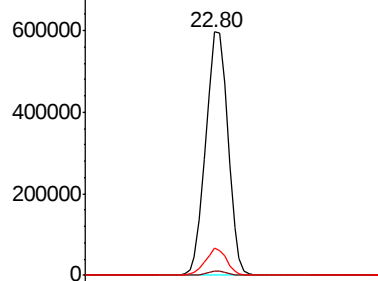
Tot Ion:	149	Resp:	1075782
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.3	8.7	13.1

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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



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.383 ng

RT: 28.80 min Scan# 4377

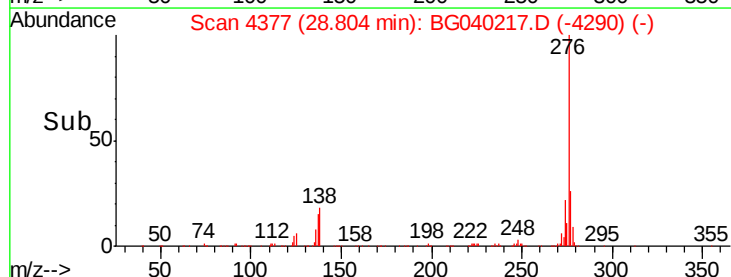
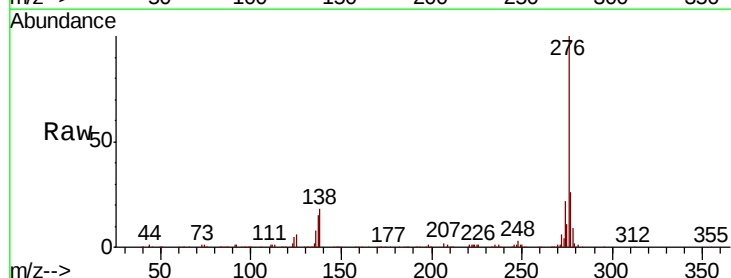
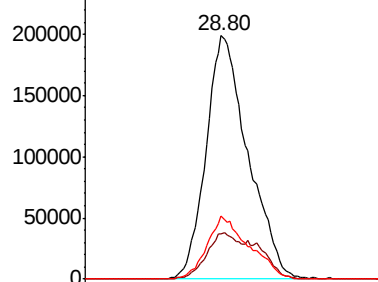
Delta R.T. -0.02 min

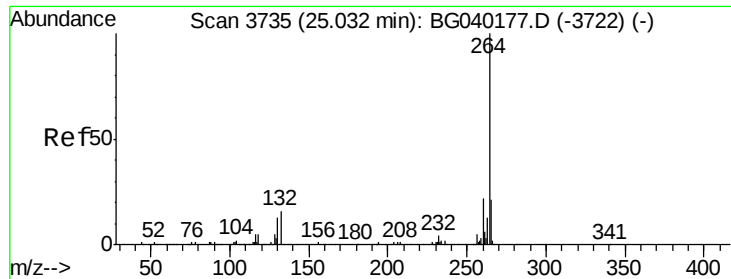
Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

Tgt Ion:	276	Resp:	1164248
Ion	Ratio	Lower	Upper
276	100		
138	14.3	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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.03 min Scan# 3734

Delta R.T. -0.01 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

Instrument :

BNA_G

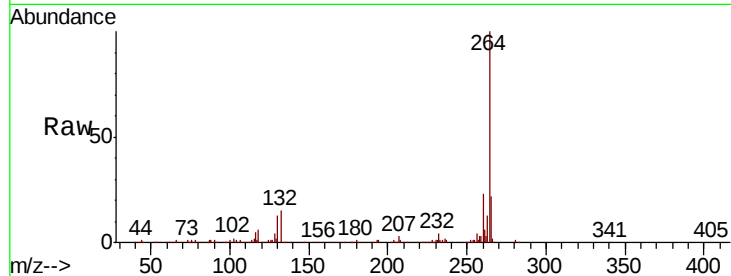
ClientSampleId :

TP-1MSD

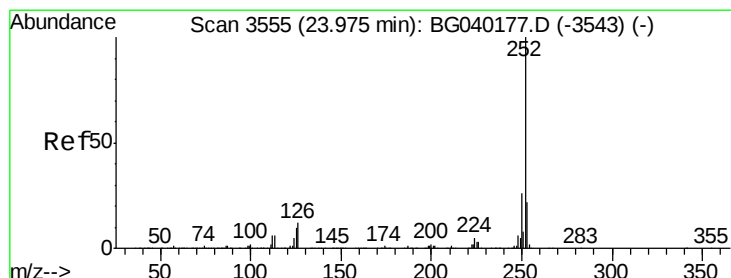
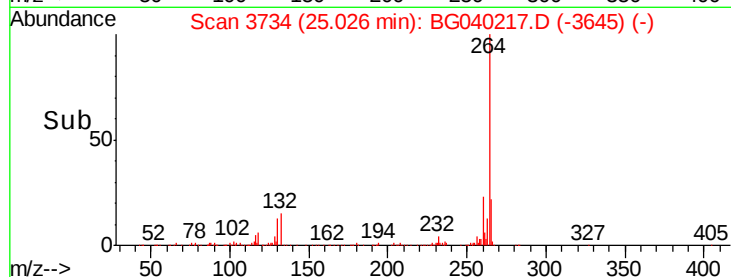
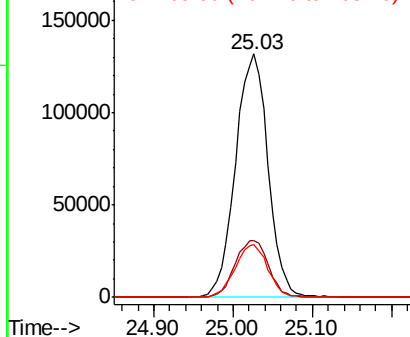
Tot Ion:	264	Resp:	374806
Ion Ratio	Lower	Upper	
264	100		
260	23.4	17.9	26.9
265	21.8	16.8	25.2

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.615 ng

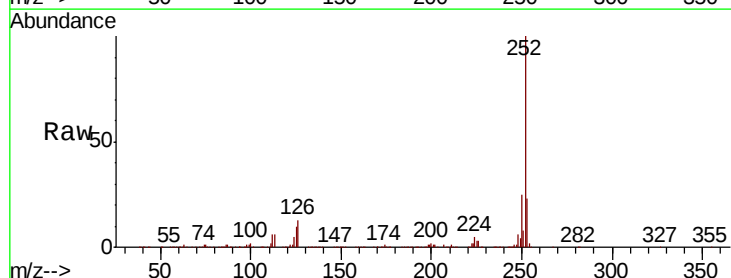
RT: 23.97 min Scan# 3554

Delta R.T. -0.01 min

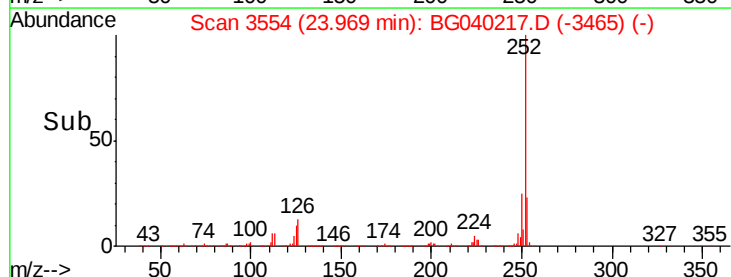
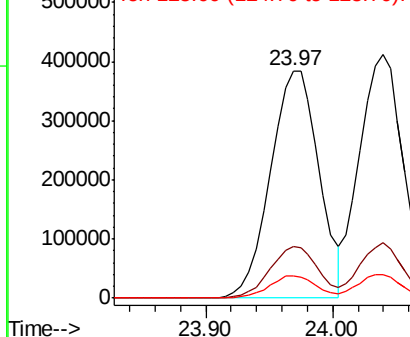
Lab File: BG040217.D

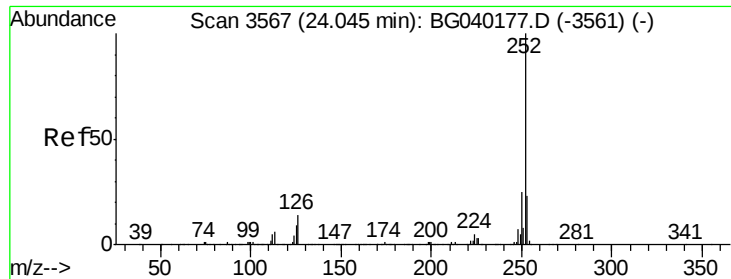
Acq: 29 Mar 2019 3:03

Tgt Ion:	252	Resp:	1023773
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.6	26.4
125	9.9	8.2	12.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





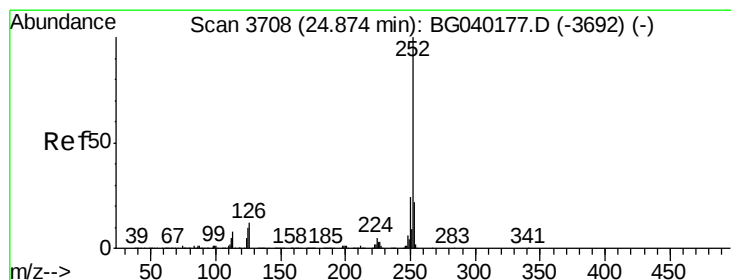
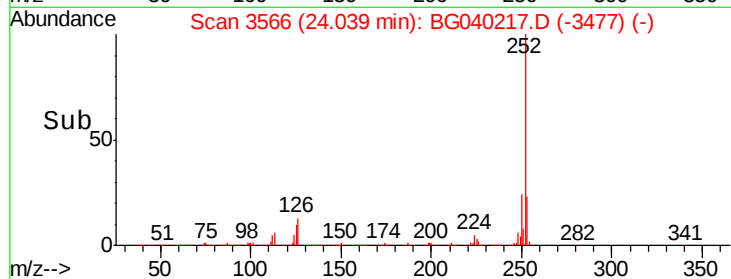
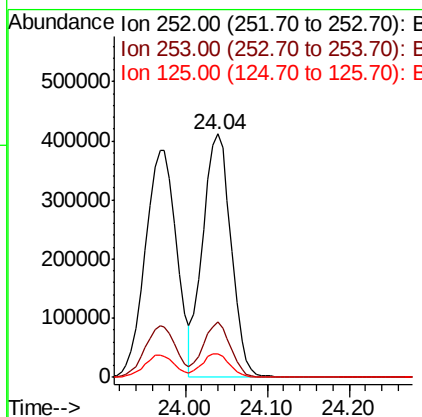
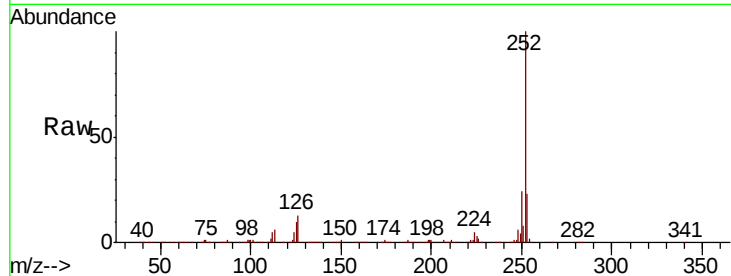
#89
Benzo(k)fluoranthene
Concen: 46.877 ng
RT: 24.04 min Scan# 3566
Delta R.T. -0.01 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Instrument :
BNA_G
ClientSampled :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.6	28.0
125	9.8	7.3	10.9

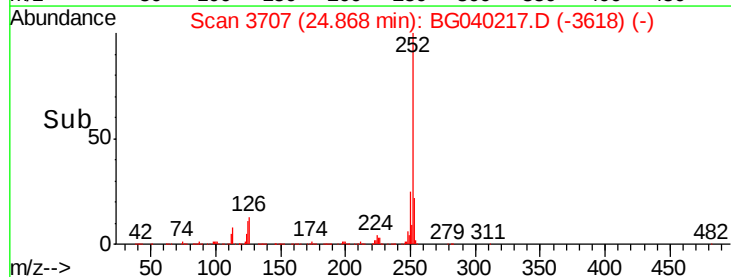
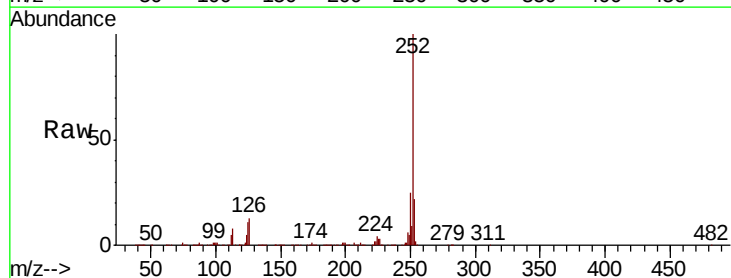
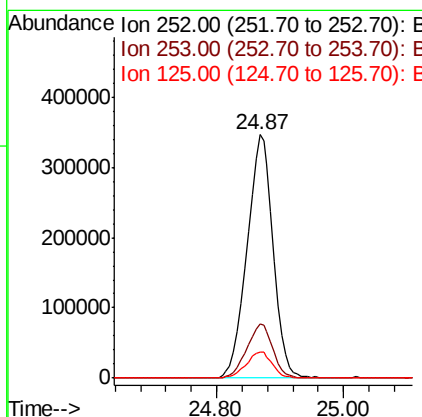
Manual Integrations
APPROVED

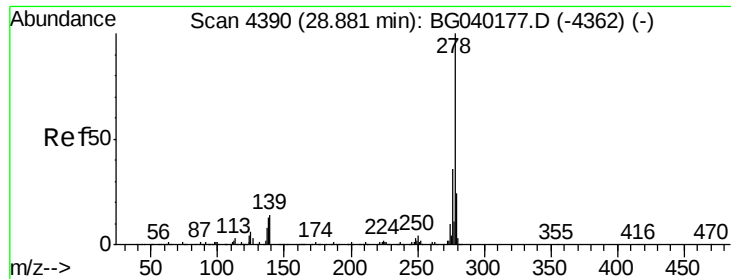
Sohil
3/29/2019 4:45:42 PM



#90
Benzo(a)pyrene
Concen: 46.174 ng
RT: 24.87 min Scan# 3707
Delta R.T. -0.01 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	10.7	8.3	12.5





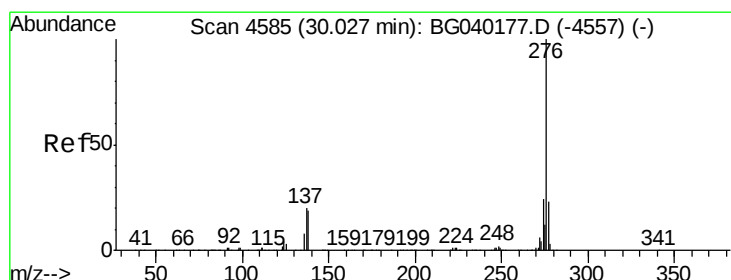
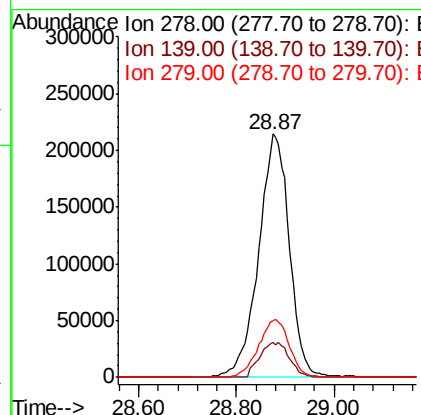
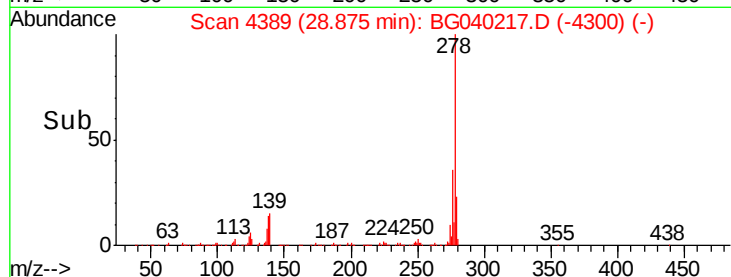
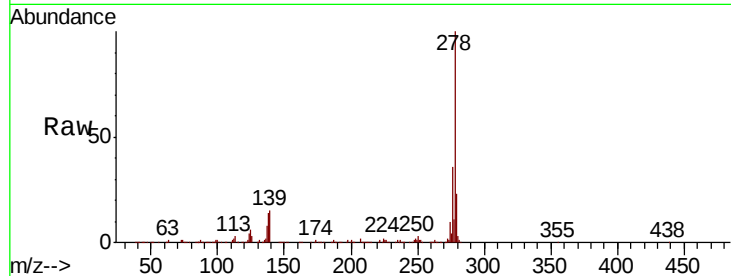
#91
 Dibenzo(a,h)anthracene
 Concen: 47.053 ng
 RT: 28.87 min Scan# 4389
 Delta R.T. -0.01 min
 Lab File: BG040217.D
 Acq: 29 Mar 2019 3:03

Instrument :
 BNA_G
 ClientSampled :
 TP-1MSD

Tot Ion:	278	Resp:	940883
Ion Ratio	Lower	Upper	
278	100		
139	14.6	11.2	16.8
279	23.1	18.9	28.3

Manual Integrations
 APPROVED

Sohil
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#92
 Benzo(g,h,i)perylene
 Concen: 46.910 ng
 RT: 30.00 min Scan# 4581
 Delta R.T. -0.02 min
 Lab File: BG040217.D
 Acq: 29 Mar 2019 3:03

Tgt Ion:	276	Resp:	964011
Ion Ratio	Lower	Upper	
276	100		
277	23.9	18.6	28.0
138	19.9	15.2	22.8

