

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040519\
 Data File : BG040380.D
 Acq On : 5 Apr 2019 17:05
 Operator : JU/SJ
 Sample : PB118645BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118645BSD

Manual Integrations
 APPROVED

Sohil
 4/8/2019 10:02:05 AM

Quant Time: Apr 06 00:13:58 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	8.05	152	90325	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	365106	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	226746	20.00	ng	-0.02
64) Phenanthrene-d10	17.42	188	548101	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	598787	20.00	ng	-0.03
87) Perylene-d12	24.97	264	580402	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	422563	77.77	ng	-0.02
7) Phenol-d6	7.21	99	594686	79.20	ng	-0.02
23) Nitrobenzene-d5	9.23	82	552541	80.44	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	226450	92.41	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	1204461	78.71	ng	-0.02
79) Terphenyl-d14	20.03	244	1980498	74.41	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	96344	37.710	ng	99
3) Pyridine	3.90	79	263470	38.302	ng	99
4) n-Nitrosodimethylamine	3.83	42	120642	37.915	ng	# 90
6) Aniline	7.38	93	378434	38.791	ng	99
8) 2-Chlorophenol	7.61	128	248255	39.032	ng	97
9) Benzaldehyde	7.19	77	146002	28.346	ng	97
10) Phenol	7.23	94	333864	40.963	ng	99
11) bis(2-Chloroethyl)ether	7.47	93	255014	39.065	ng	99
12) 1,3-Dichlorobenzene	7.93	146	273103	39.500	ng	94
13) 1,4-Dichlorobenzene	8.08	146	272899	39.630	ng	99
14) 1,2-Dichlorobenzene	8.40	146	258879	39.312	ng	97
15) Benzyl Alcohol	8.29	79	231536	38.287	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	471573	37.640	ng	99
17) 2-Methylphenol	8.49	107	224390	39.786	ng	97
18) Hexachloroethane	9.13	117	102929	39.295	ng	96
19) n-Nitroso-di-n-propylamine	8.85	70	201578	37.442	ng	97
20) 3+4-Methylphenols	8.82	107	313444	41.025	ng	98
22) Acetophenone	8.88	105	392828	43.132	ng	# 95
24) Nitrobenzene	9.27	77	296391	41.669	ng	98
25) Isophorone	9.78	82	575047	40.687	ng	96
26) 2-Nitrophenol	9.97	139	146946	43.599	ng	98
27) 2,4-Dimethylphenol	10.02	122	234586	43.818	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	338826	40.522	ng	98
29) 2,4-Dichlorophenol	10.51	162	257153	44.253	ng	99
30) 1,2,4-Trichlorobenzene	10.72	180	274573	43.032	ng	98
31) Naphthalene	10.91	128	793165	42.383	ng	99
32) Benzoic acid	10.18	122	133500	41.272	ng	92
33) 4-Chloroaniline	11.02	127	345110	43.232	ng	99
34) Hexachlorobutadiene	11.17	225	169289	41.484	ng	92
35) Caprolactam	11.83	113	95309m	41.330	ng	
36) 4-Chloro-3-methylphenol	12.14	107	289136	43.281	ng	98
37) 2-Methylnaphthalene	12.51	142	590711	42.679	ng	98
38) 1-Methylnaphthalene	12.73	142	559947	41.720	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	300103	41.642	ng	99

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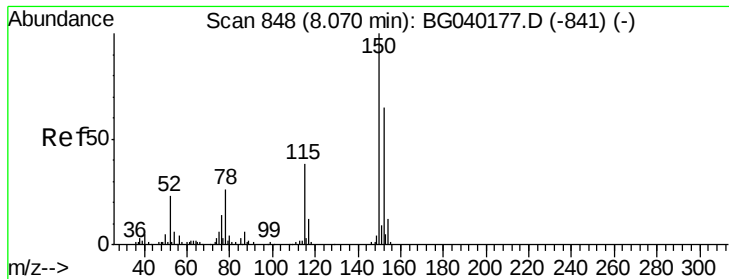
Manual Integrations
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Sohil
 4/8/2019 10:02:05 AM

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 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)
41) Hexachlorocyclopentadiene	12.84	237	331733	83.833	nq	94
43) 2,4,6-Trichlorophenol	13.11	196	205839	44.300	nq	98
44) 2,4,5-Trichlorophenol	13.19	196	227013	44.824	nq	98
46) 1,1'-Biphenyl	13.51	154	739461	41.274	nq	100
47) 2-Chloronaphthalene	13.56	162	577523	42.024	nq	98
48) 2-Nitroaniline	13.77	65	199446	43.026	nq	97
49) Acenaphthylene	14.40	152	926879	39.780	nq	98
50) Dimethylphthalate	14.13	163	732601	41.283	nq	100
51) 2,6-Dinitrotoluene	14.26	165	174642	43.829	nq	97
52) Acenaphthene	14.74	154	558815	41.854	nq	96
53) 3-Nitroaniline	14.60	138	181909	43.128	nq	91
54) 2,4-Dinitrophenol	14.80	184	205433	96.943	nq	95
55) Dibenzofuran	15.08	168	905602	42.212	nq	100
56) 4-Nitrophenol	14.90	139	297552	87.408	nq	98
57) 2,4-Dinitrotoluene	15.05	165	247592	44.719	nq	# 97
58) Fluorene	15.73	166	701586	41.594	nq	96
59) 2,3,4,6-Tetrachlorophenol	15.30	232	201974	43.948	nq	100
60) Diethylphthalate	15.48	149	761189	41.917	nq	98
61) 4-Chlorophenyl-phenylether	15.71	204	384650	42.662	nq	98
62) 4-Nitroaniline	15.77	138	203475	44.952	nq	99
63) Azobenzene	16.00	77	710131	41.458	nq	100
65) 4,6-Dinitro-2-methylphenol	15.81	198	155749	50.579	nq	99
66) n-Nitrosodiphenylamine	15.93	169	661733	41.258	nq	98
67) 4-Bromophenyl-phenylether	16.61	248	255252	41.383	nq	97
68) Hexachlorobenzene	16.72	284	262030	42.251	nq	96
69) Atrazine	16.87	200	211712	35.484	nq	98
70) Pentachlorophenol	17.07	266	287710	80.244	nq	94
71) Phenanthrene	17.47	178	1188479	41.254	nq	99
72) Anthracene	17.56	178	1212018	42.032	nq	98
73) Carbazole	17.83	167	1167026	42.764	nq	99
74) Di-n-butylphthalate	18.36	149	1343285	41.526	nq	99
75) Fluoranthene	19.47	202	1501790	44.023	nq	98
77) Benzidine	19.66	184	919259	42.513	nq	99
78) Pyrene	19.84	202	1489505	37.827	nq	96
80) Butylbenzylphthalate	20.70	149	693041	41.130	nq	97
81) Benzo(a)anthracene	21.68	228	1498142	40.620	nq	96
82) 3,3'-Dichlorobenzidine	21.59	252	579596	41.311	nq	99
83) Chrysene	21.75	228	1412952	39.862	nq	98
84) Bis(2-ethylhexyl)phthalate	21.54	149	972751	40.386	nq	99
85) Di-n-octyl phthalate	22.76	149	1693944	41.278	nq	100
86) Indeno(1,2,3-cd)pyrene	28.75	276	1831220	42.240	nq	# 92
88) Benzo(b)fluoranthene	23.93	252	1571546	44.226	nq	97
89) Benzo(k)fluoranthene	24.00	252	1511720	46.261	nq	98
90) Benzo(a)pyrene	24.83	252	1559140	46.764	nq	99
91) Dibenzo(a,h)anthracene	28.80	278	1490641	48.139	nq	98
92) Benzo(g,h,i)perylene	29.93	276	1539246	48.369	nq	96

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



#1

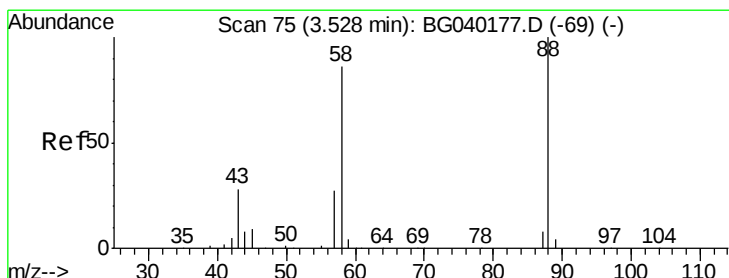
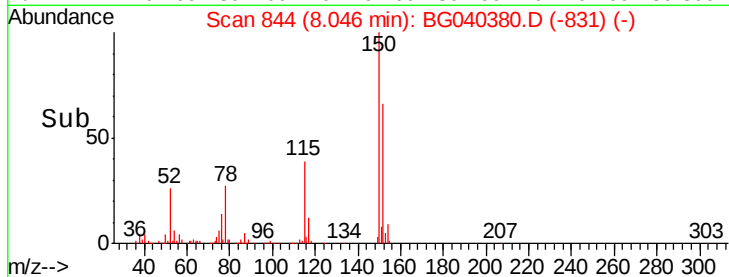
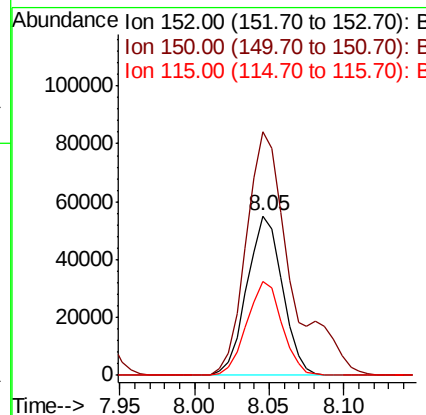
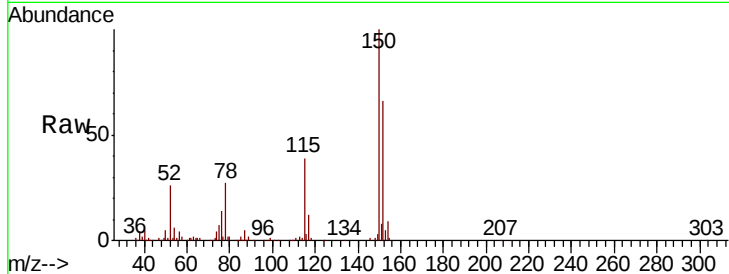
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

Instrument :
BNA_G
ClientSampleId :
PB118645BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	123.7	185.5
115	59.2	46.9	70.3

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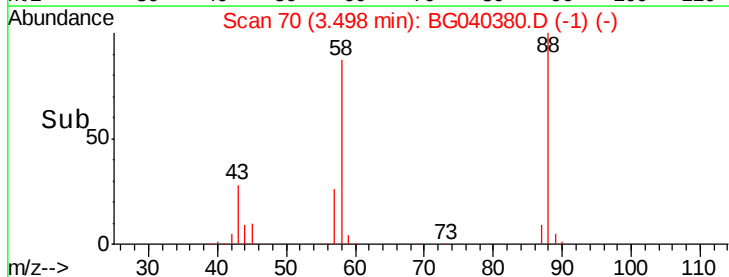
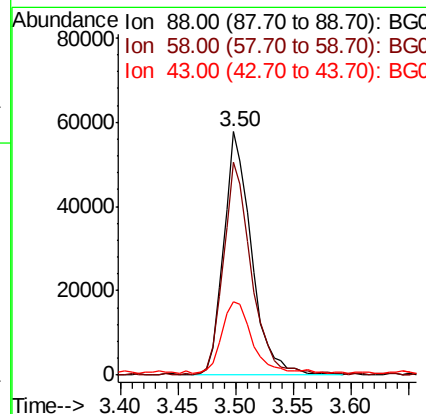
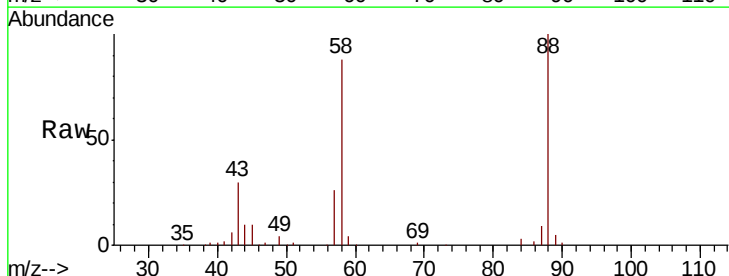
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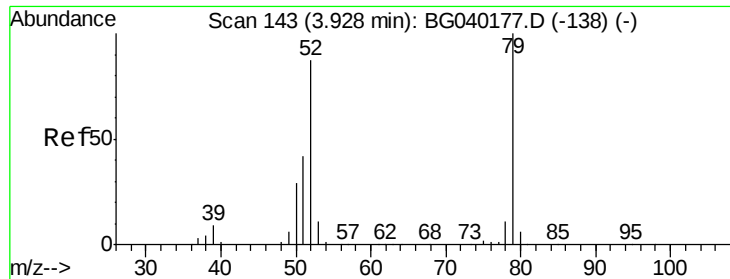


#2

1,4-Dioxane
Concen: 37.710 ng
RT: 3.50 min Scan# 70
Delta R.T. -0.03 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.2	70.6	106.0
43	31.8	24.8	37.2





#3

Pvridine

Concen: 38.302 ng

RT: 3.90 min Scan# 139

Delta R.T. -0.02 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

Instrument :

BNA_G

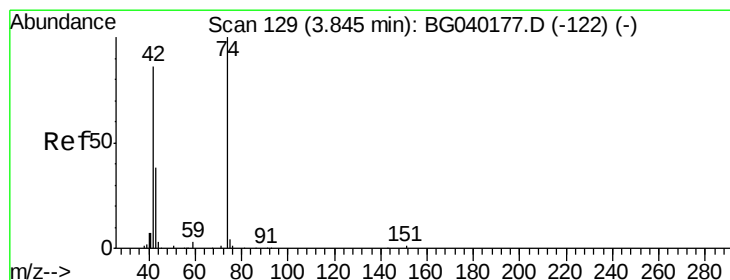
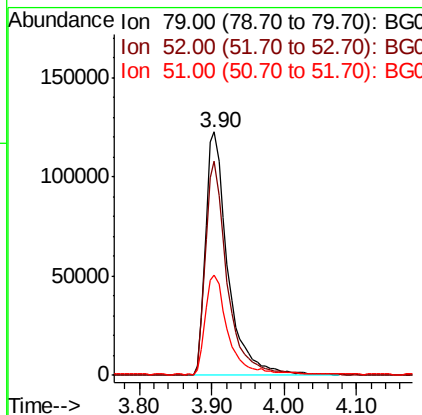
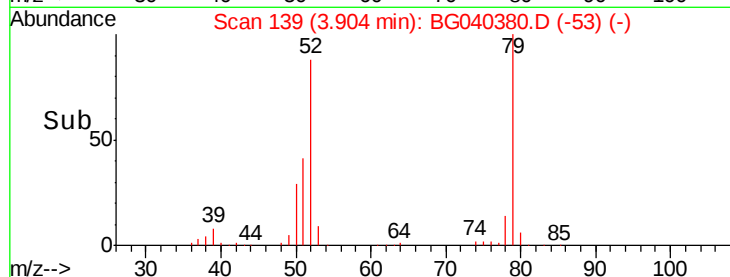
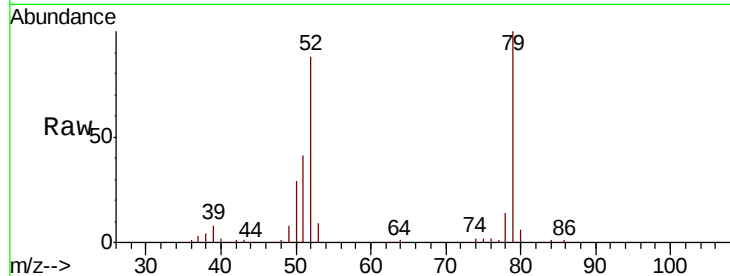
ClientSampleId :

PB118645BSD

Tot Ion:	79	Resp:	263470
Ion	Ratio	Lower	Upper
79	100		
52	88.1	69.8	104.8
51	41.4	33.9	50.9

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 37.915 ng

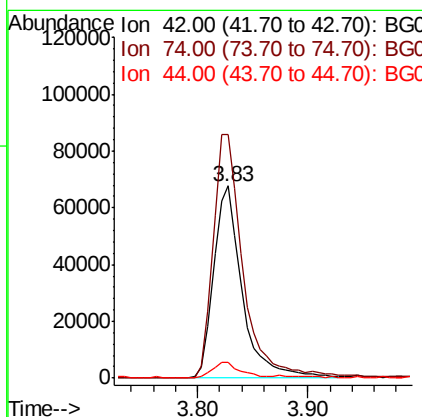
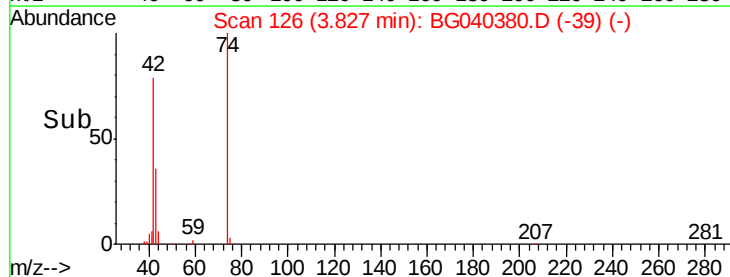
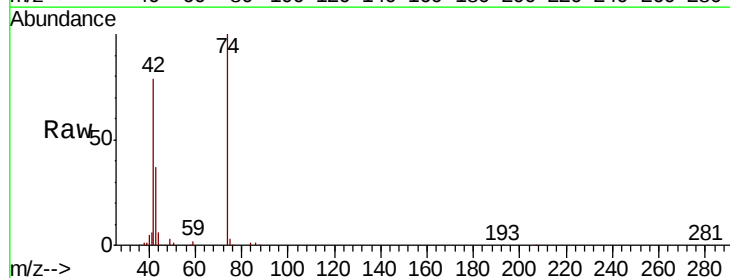
RT: 3.83 min Scan# 126

Delta R.T. -0.02 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

Tgt Ion:	42	Resp:	120642
Ion	Ratio	Lower	Upper
42	100		
74	126.6	92.9	139.3
44	7.9	9.7	14.5#





#5

2-Fluorophenol

Concen: 77.772 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.02 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

Instrument :

BNA_G

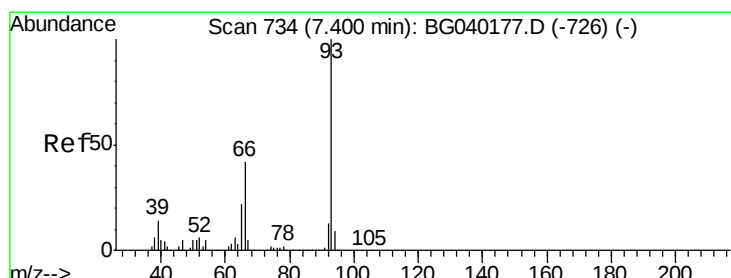
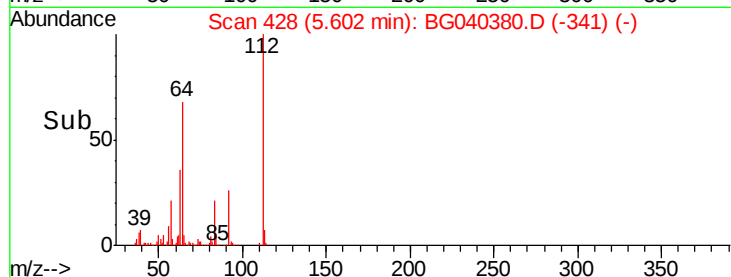
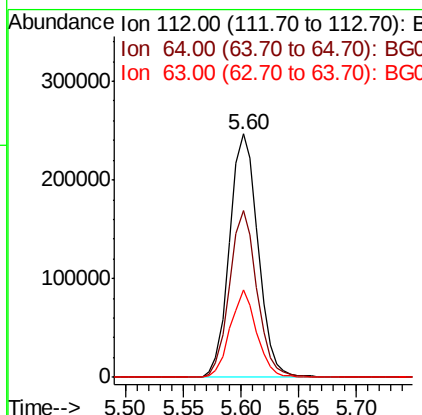
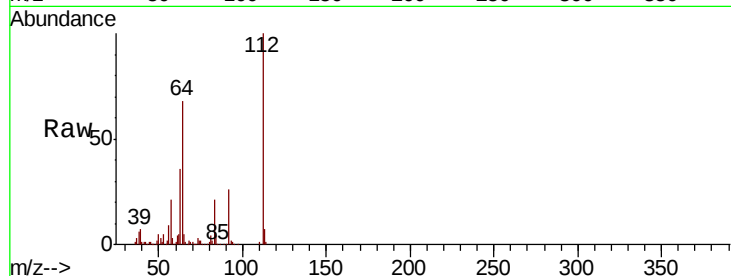
ClientSampleId :

PB118645BSD

Tot Ion:	112	Resp:	422563
Ion Ratio	Lower	Upper	
112	100		
64	68.4	54.2	81.2
63	35.9	26.4	39.6

Manual Integrations
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#6

Aniline

Concen: 38.791 ng

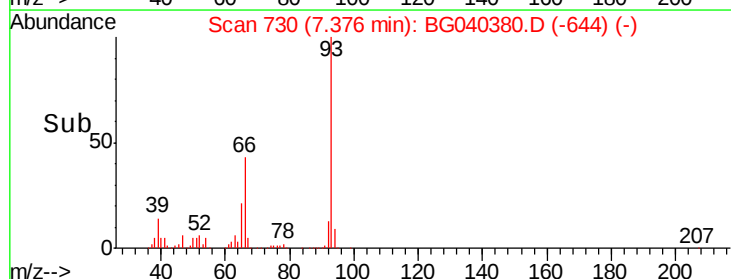
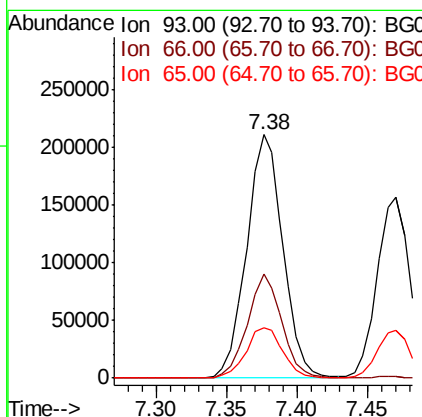
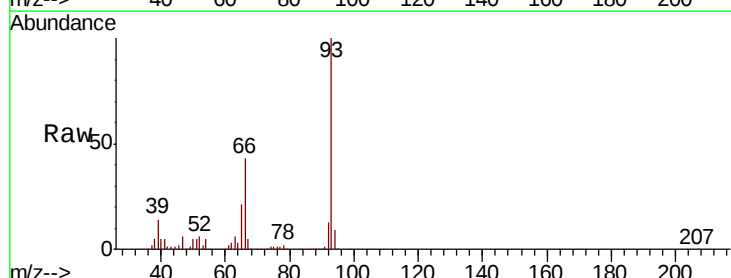
RT: 7.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

Tgt Ion:	93	Resp:	378434
Ion Ratio	Lower	Upper	
93	100		
66	42.6	33.6	50.4
65	20.9	17.4	26.2





#7

Phenol-d6

Concen: 79.196 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

Instrument :

BNA_G

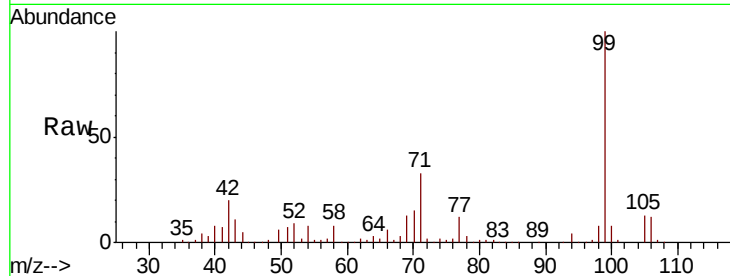
ClientSampled :

PB118645BSD

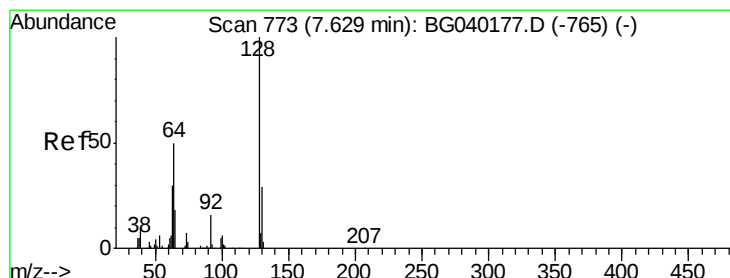
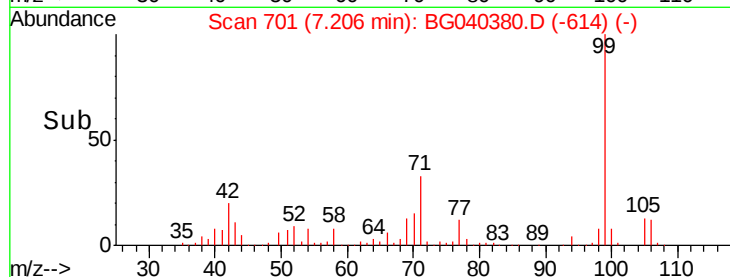
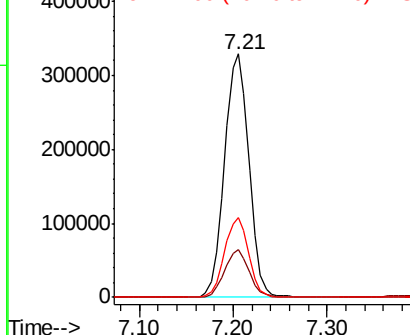
Tot Ion:	99	Resp:	594686
Ion Ratio	Lower	Upper	
99	100		
42	19.8	16.2	24.2
71	32.7	26.8	40.2

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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 39.032 ng

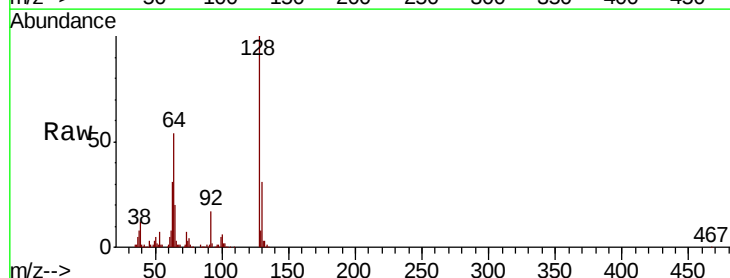
RT: 7.61 min Scan# 770

Delta R.T. -0.02 min

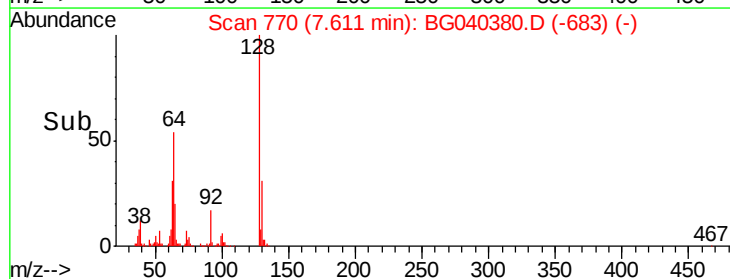
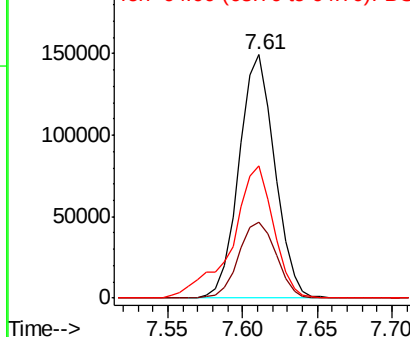
Lab File: BG040380.D

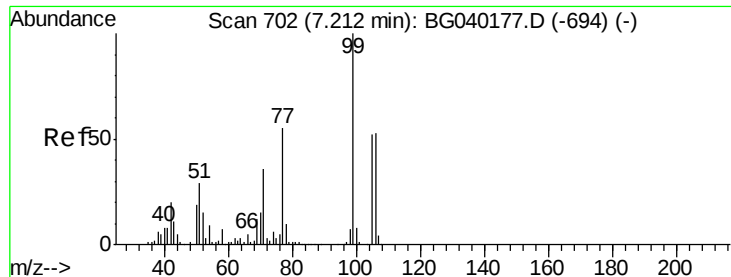
Acq: 5 Apr 2019 17:05

Tgt Ion:	128	Resp:	248255
Ion Ratio	Lower	Upper	
128	100		
130	31.3	9.1	49.1
64	54.5	33.1	73.1



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





#9

Benzaldehyde

Concen: 28.346 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.02 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

Instrument :

BNA_G

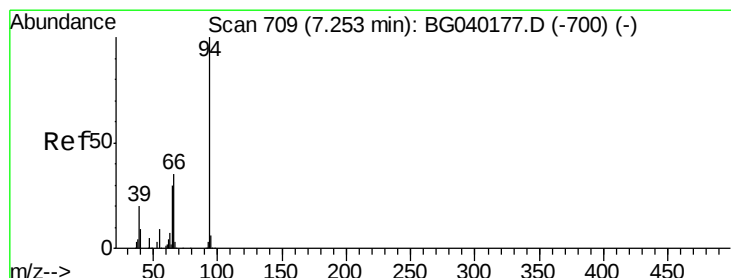
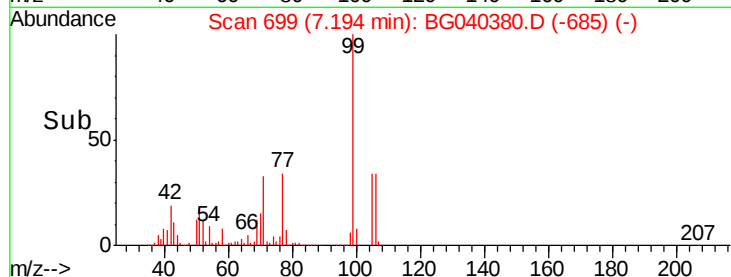
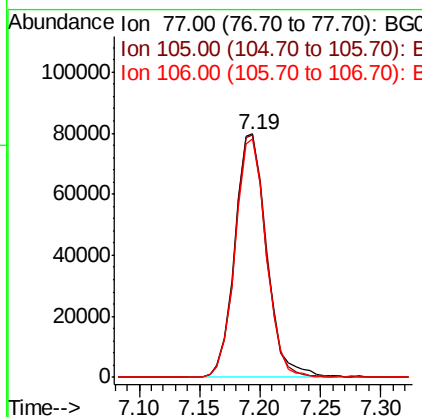
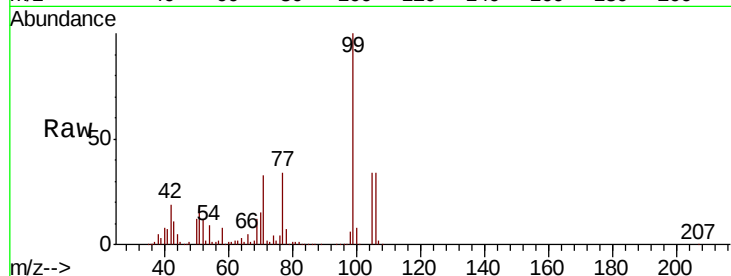
ClientSampleID :

PB118645BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	99.4	75.0	115.0		
106	98.0	75.7	115.7		

Manual Integrations
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#10

Phenol

Concen: 40.963 ng

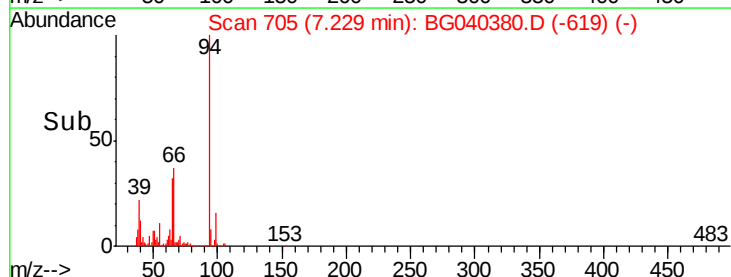
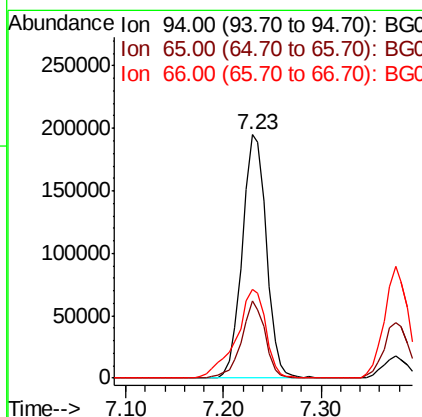
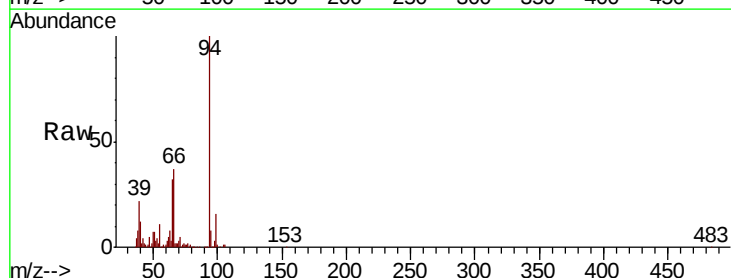
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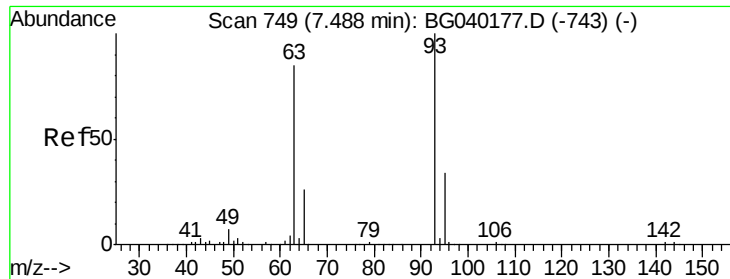
Delta R.T. -0.02 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	31.7	10.5	50.5		
66	36.6	16.9	56.9		





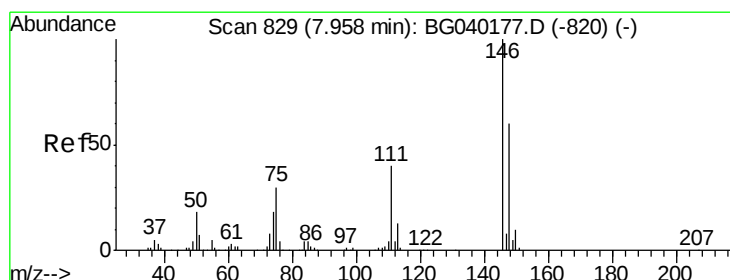
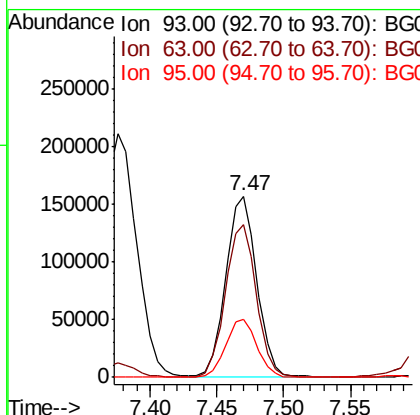
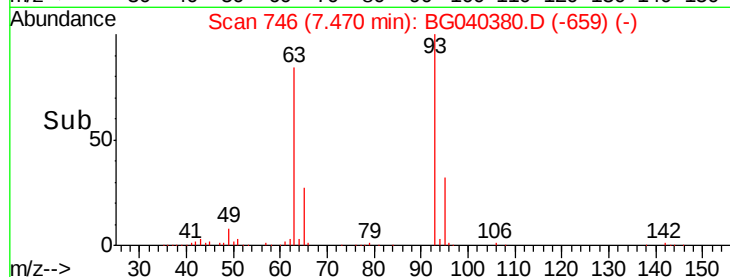
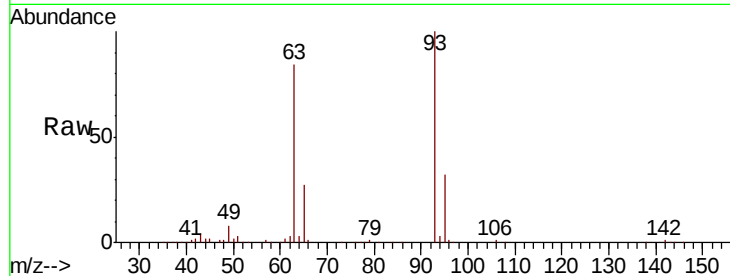
#11
bis(2-Chloroethyl)ether
Concen: 39.065 ng
RT: 7.47 min Scan# 746
Delta R.T. -0.02 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

Instrument :
BNA_G
ClientSampleId :
PB118645BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	84.2	64.2	104.2
95	32.4	14.0	54.0

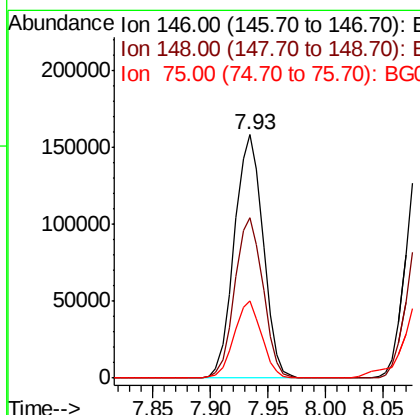
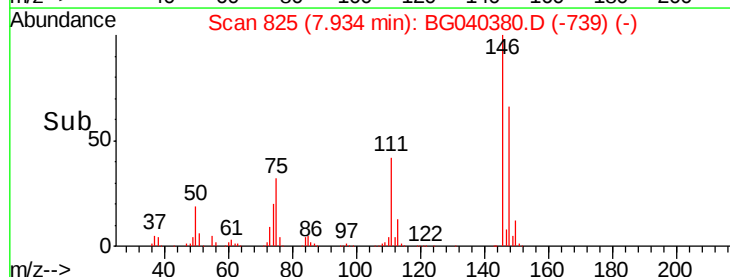
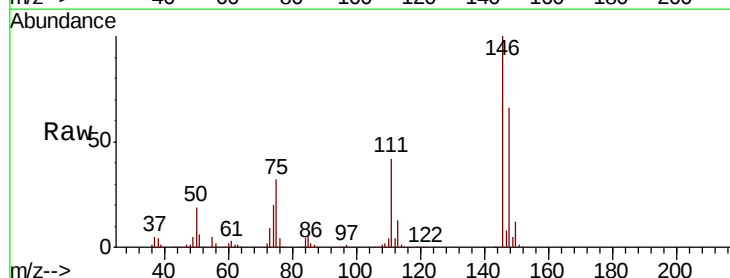
Manual Integrations
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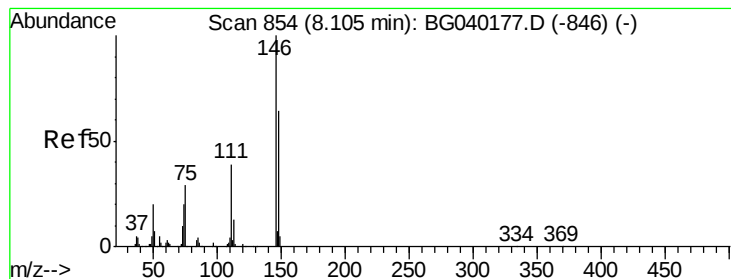
Sohil
4/8/2019 10:02:05 AM



#12
1,3-Dichlorobenzene
Concen: 39.500 ng
RT: 7.93 min Scan# 825
Delta R.T. -0.02 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	48.2	72.2
75	31.9	24.1	36.1





#13

1,4-Dichlorobenzene

Concen: 39.630 ng

RT: 8.08 min Scan# 850

Delta R.T. -0.02 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

Instrument :

BNA_G

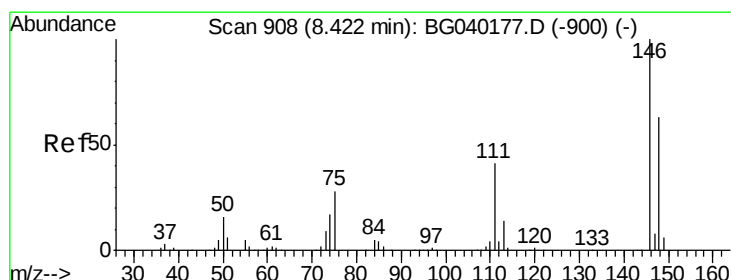
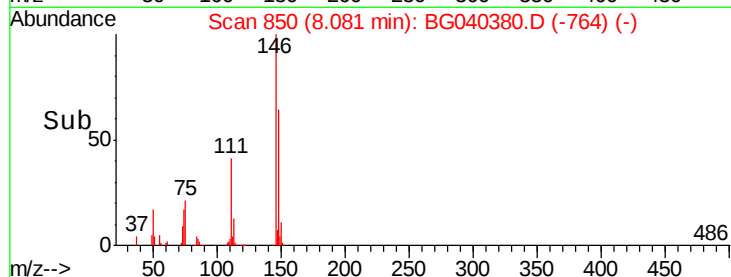
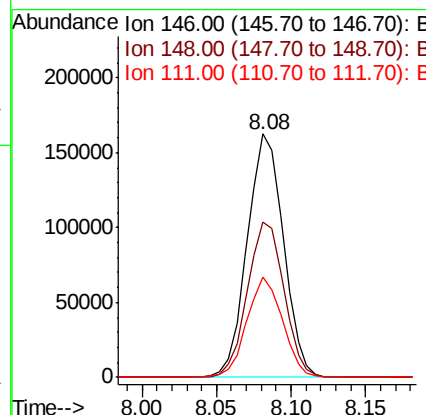
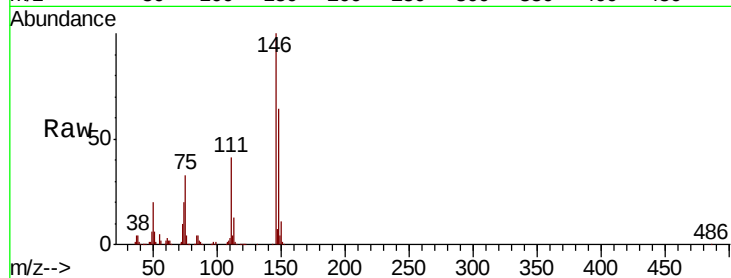
ClientSampleId :

PB118645BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.0	76.4
111	41.0	31.8	47.6

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 39.312 ng

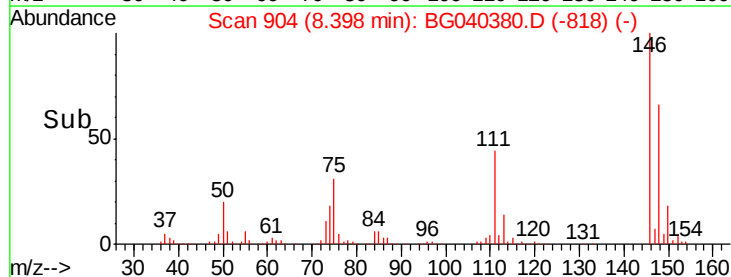
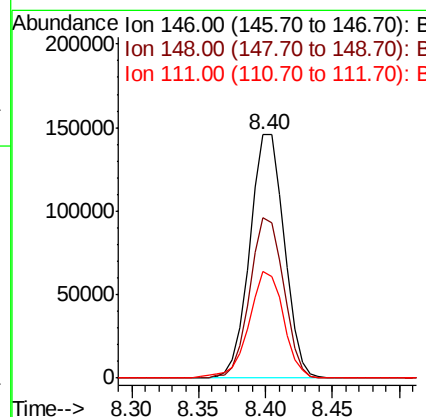
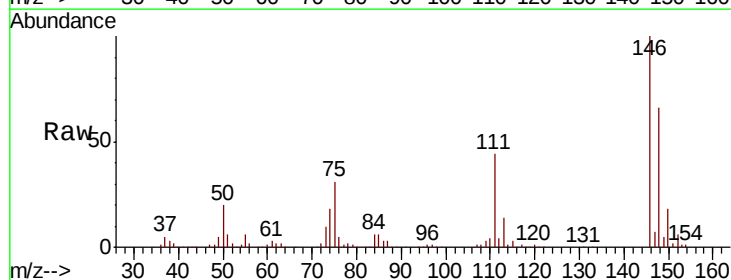
RT: 8.40 min Scan# 904

Delta R.T. -0.02 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	50.8	76.2
111	43.7	33.4	50.0





#15

Benzyl Alcohol

Concen: 38.287 ng

RT: 8.29 min Scan# 886

Delta R.T. -0.02 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

Instrument :

BNA_G

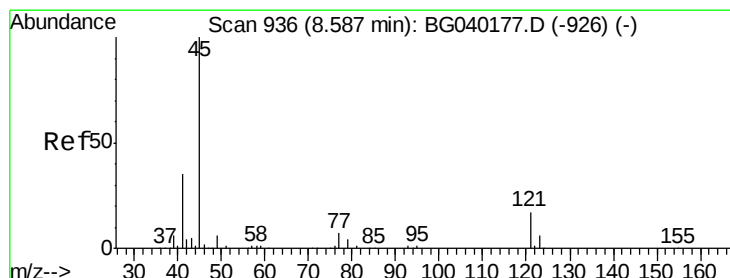
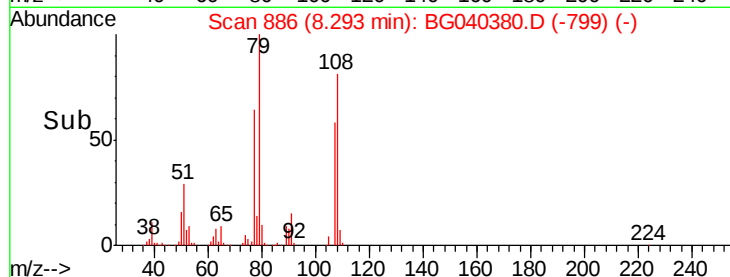
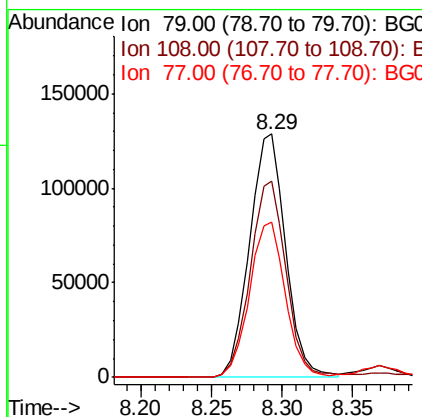
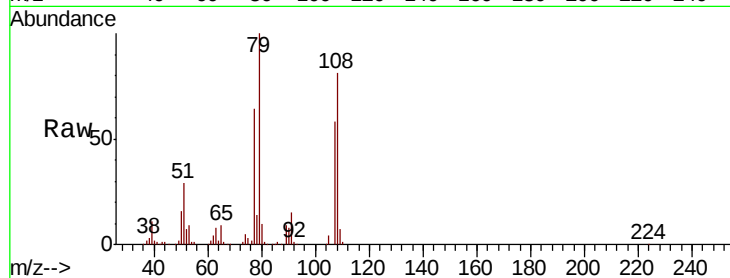
ClientSampleId :

PB118645BSD

Tot Ion:	79	Resp:	231536
Ion Ratio	Lower	Upper	
79	100		
108	80.7	62.1	93.1
77	63.7	51.9	77.9

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.640 ng

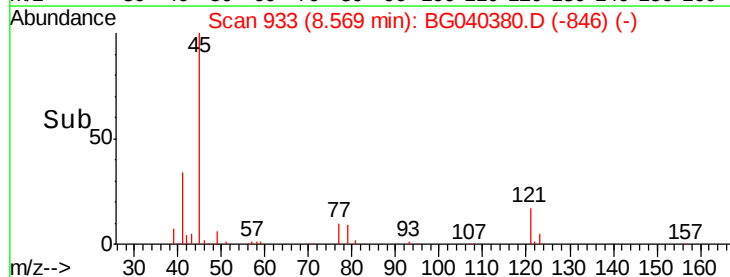
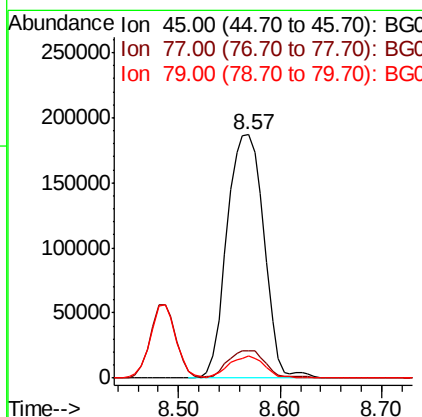
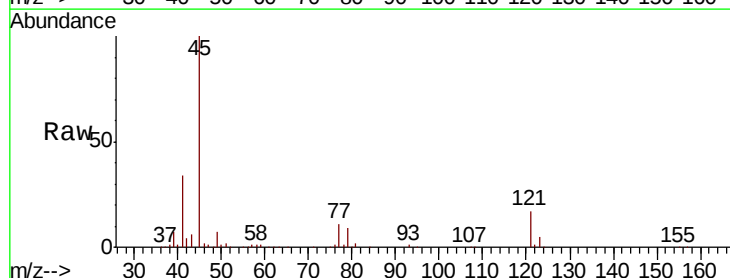
RT: 8.57 min Scan# 933

Delta R.T. -0.02 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

Tgt Ion:	45	Resp:	471573
Ion Ratio	Lower	Upper	
45	100		
77	11.2	0.0	31.4
79	9.2	0.0	28.3





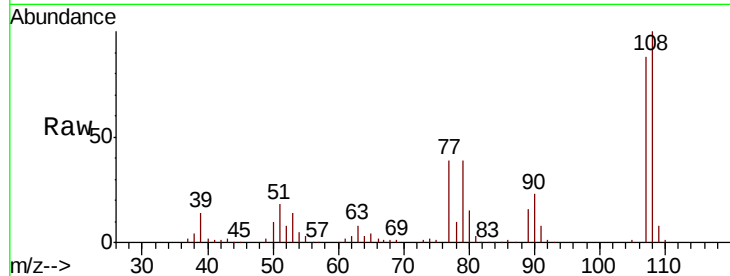
#17
2-Methylphenol
Concen: 39.786 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.02 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

Instrument :
BNA_G
ClientSampleId :
PB118645BSD

Tot Ion:	107	Resp:	224390
Ion Ratio	Lower	Upper	
107	100		
108	113.2	88.2	132.4
77	44.1	36.6	55.0
79	44.1	36.5	54.7

Manual Integrations
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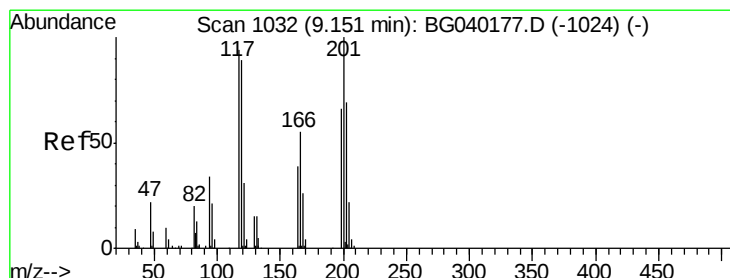
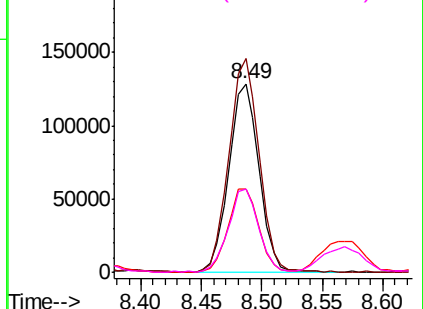
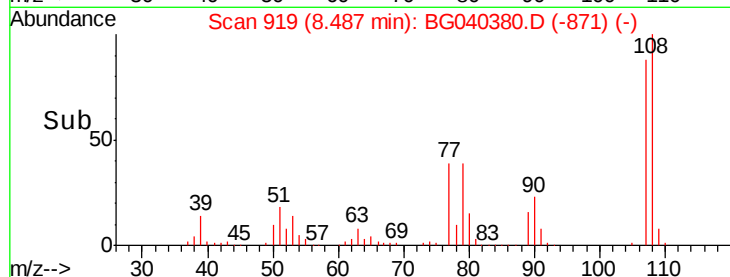
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

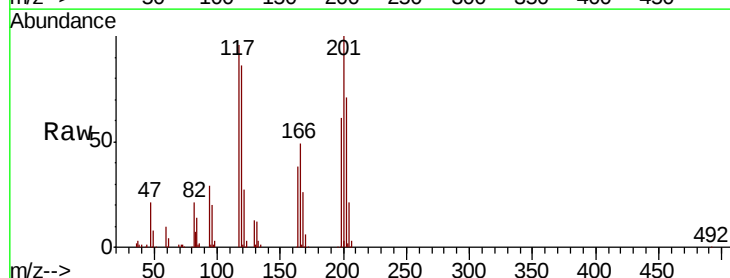
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 39.295 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

Tgt Ion:	117	Resp:	102929
Ion Ratio	Lower	Upper	
117	100		
119	89.1	76.6	115.0
201	104.1	85.0	127.4

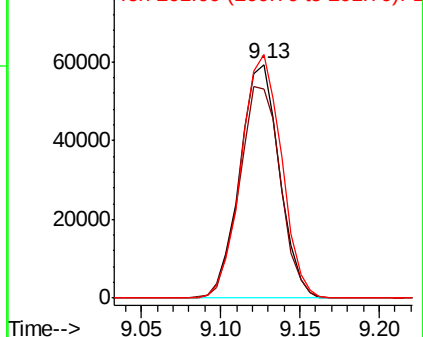
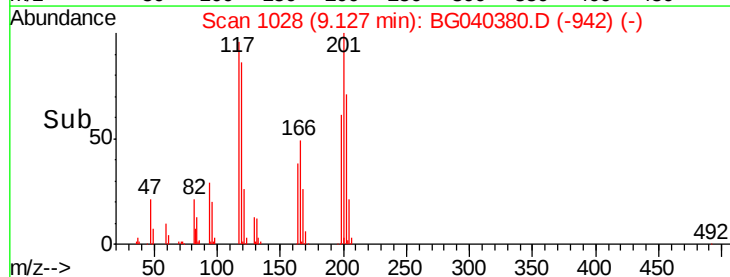


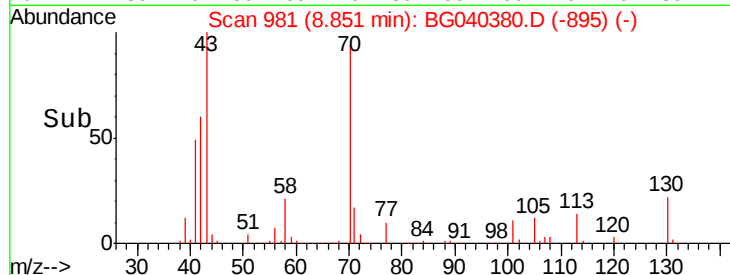
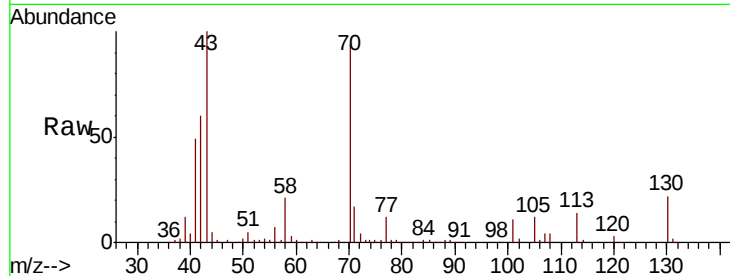
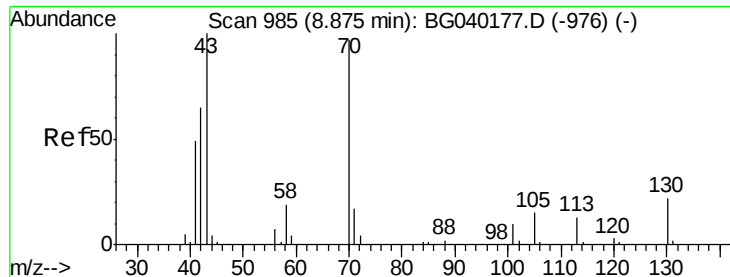
Abundance

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





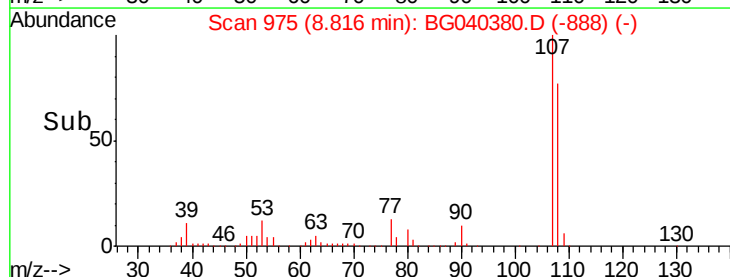
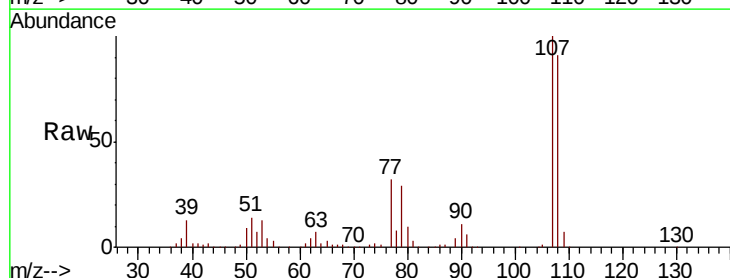
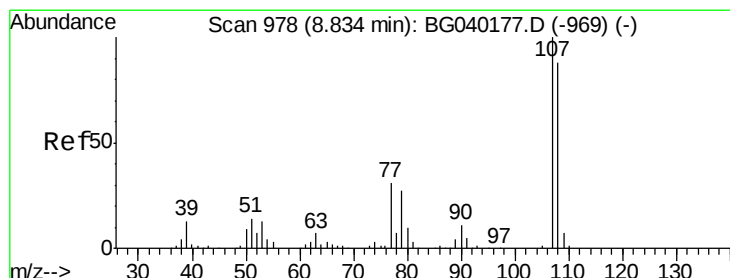
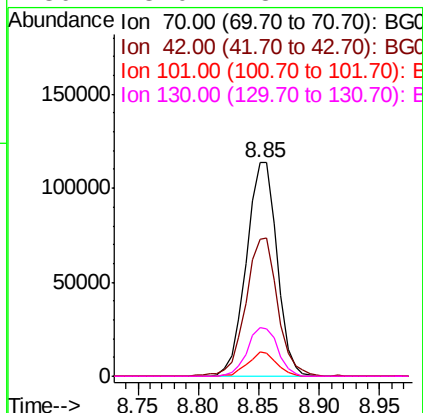
#19
n-Nitroso-di-n-propylamine
Concen: 37.442 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.02 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

Instrument :
BNA_G
ClientSampleId :
PB118645BSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.9	54.0	81.0	
101	11.4	8.6	13.0	
130	23.0	18.2	27.2	

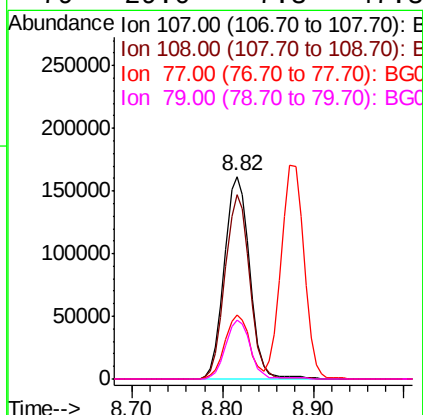
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#20
3+4-Methylphenols
Concen: 41.025 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.02 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.9	68.3	108.3	
77	31.5	11.3	51.3	
79	29.0	7.3	47.3	





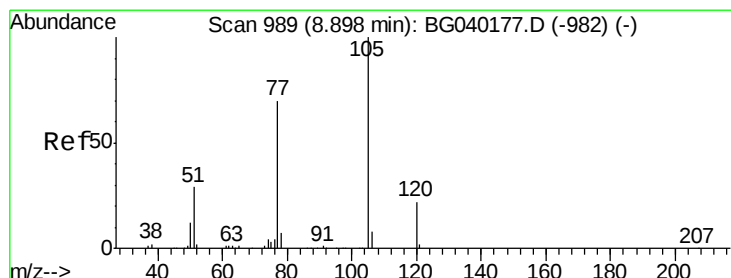
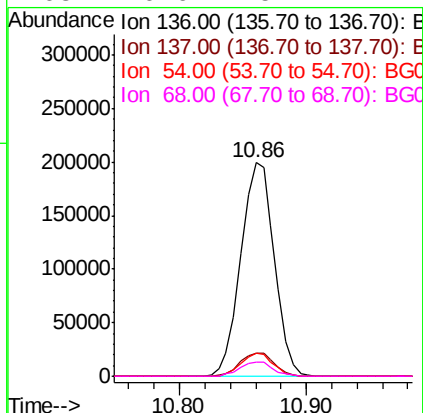
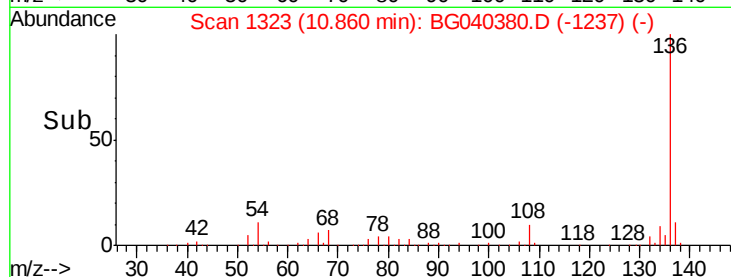
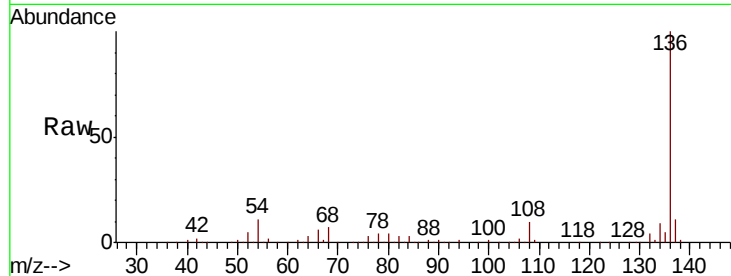
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

Instrument :
BNA_G
ClientSampleId :
PB118645BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.0		8.9	13.3	
54	10.5		9.6	14.4	
68	6.6		5.1	7.7	

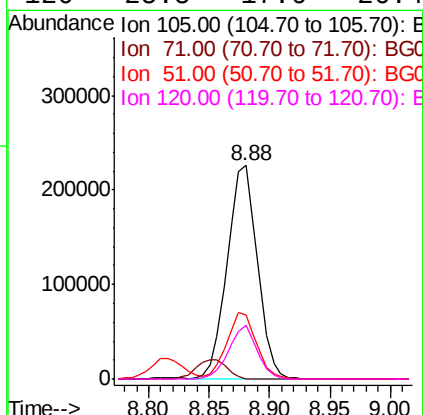
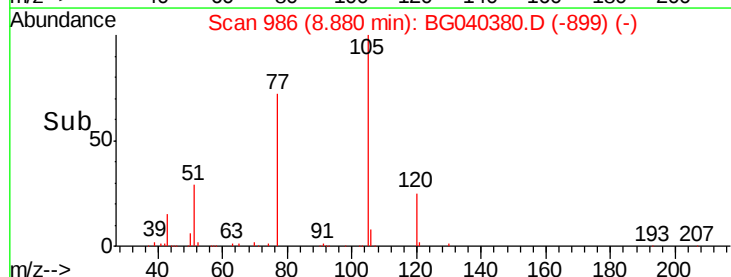
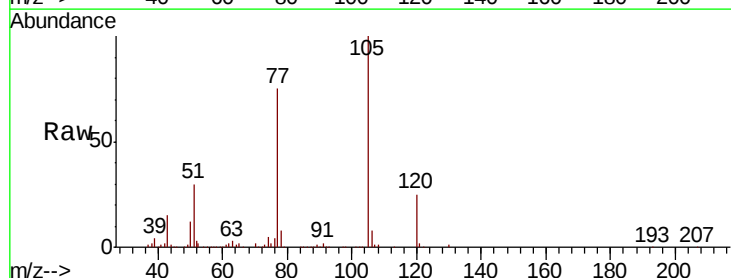
Manual Integrations
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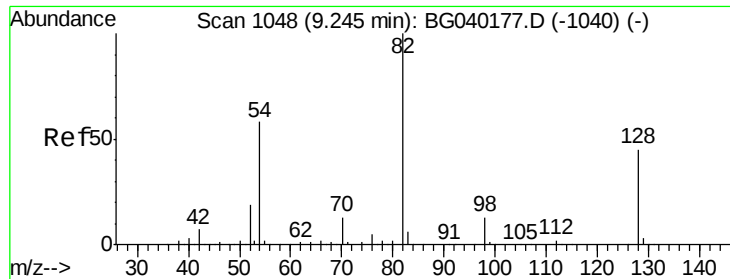
Sohil
4/8/2019 10:02:05 AM



#22
Acetophenone
Concen: 43.132 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.02 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	0.3		0.6	1.0#	
51	29.9		25.1	37.7	
120	25.5		17.6	26.4	





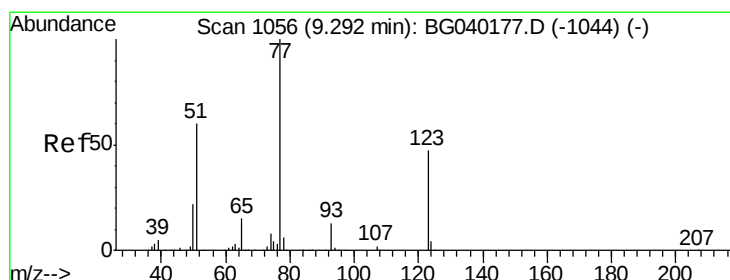
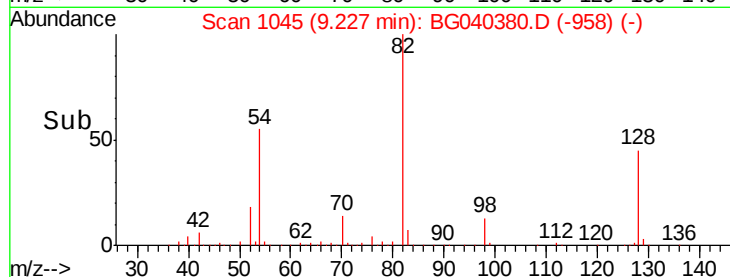
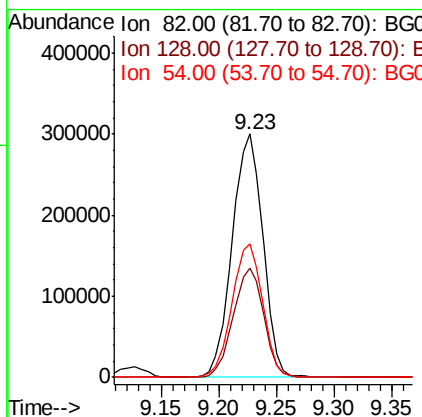
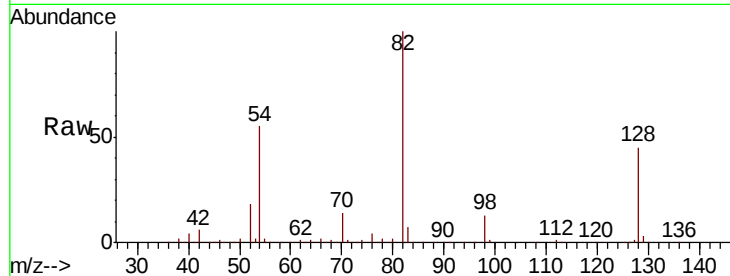
#23
Nitrobenzene-d5
Concen: 80.441 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

Instrument :
BNA_G
ClientSampleId :
PB118645BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	552541		
128	44.7	35.8	53.8	
54	54.8	46.2	69.2	

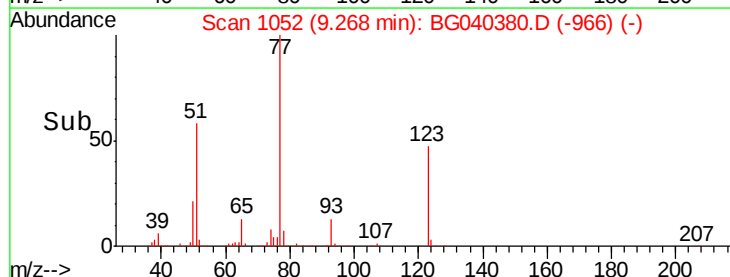
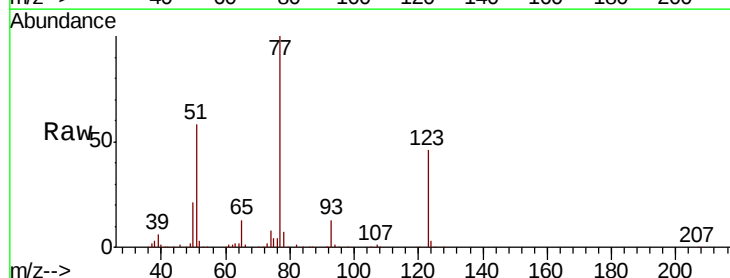
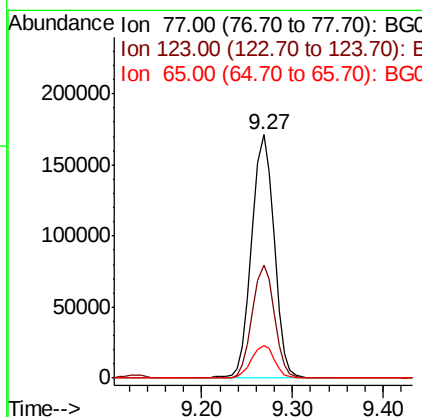
Manual Integrations
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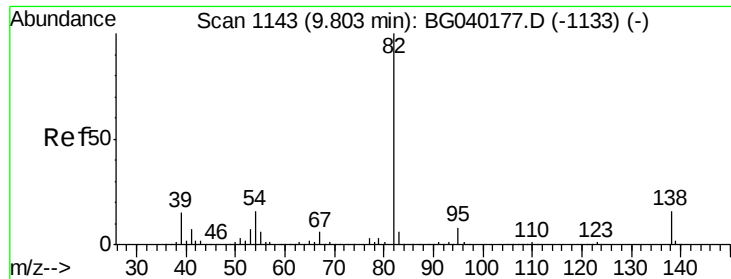
Sohil
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#24
Nitrobenzene
Concen: 41.669 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.02 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	296391		
123	46.5	37.8	56.6	
65	13.4	12.0	18.0	





#25

Isophorone

Concen: 40.687 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.02 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

Instrument :

BNA_G

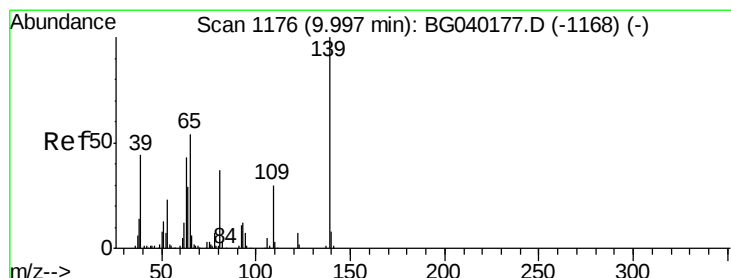
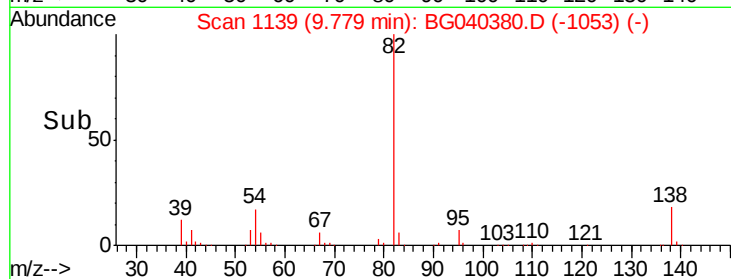
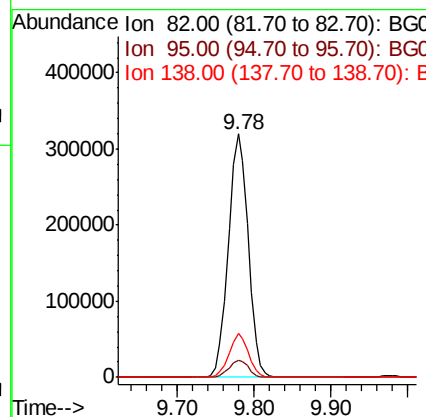
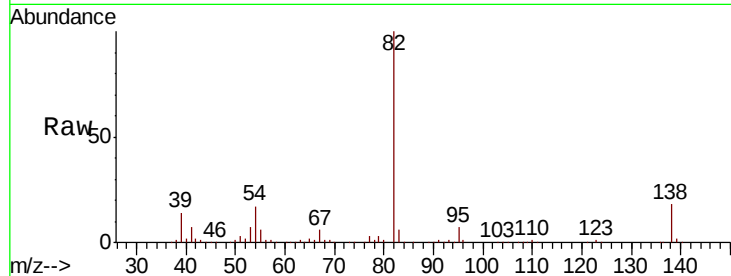
ClientSampleId :

PB118645BSD

Tot Ion:	82	Resp:	575047
Ion Ratio		Lower	Upper
82	100		
95	6.8	6.1	9.1
138	18.3	13.2	19.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.599 ng

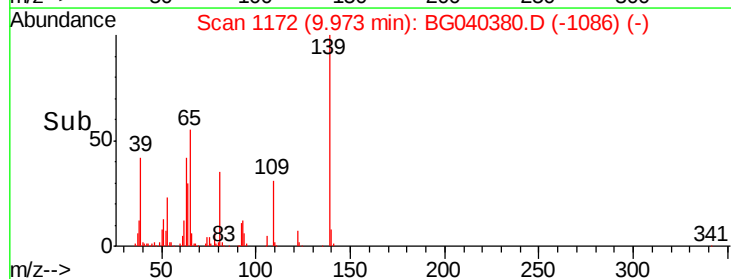
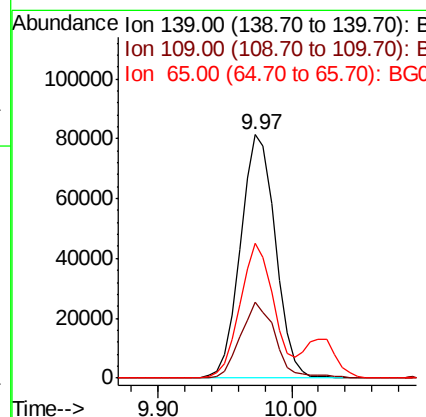
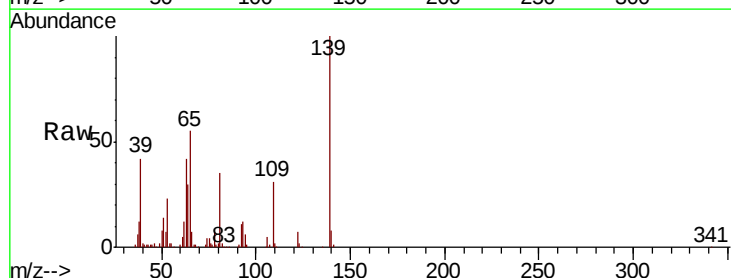
RT: 9.97 min Scan# 1172

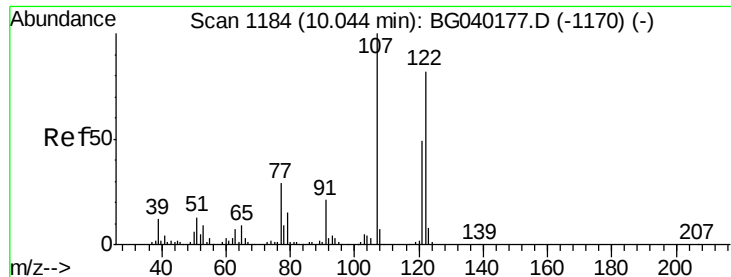
Delta R.T. -0.02 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

Tgt Ion:	139	Resp:	146946
Ion Ratio		Lower	Upper
139	100		
109	31.2	24.1	36.1
65	55.2	43.0	64.6





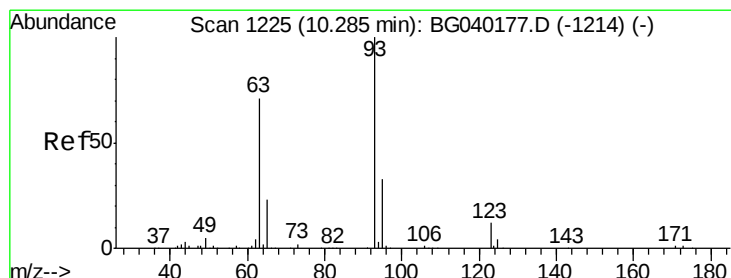
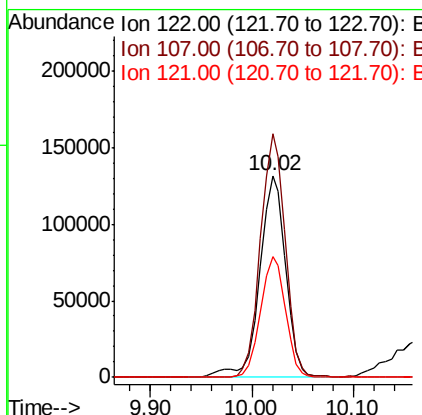
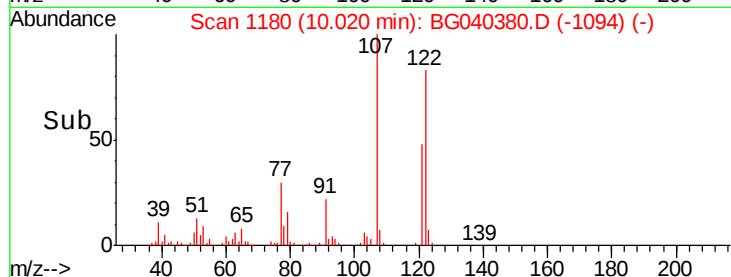
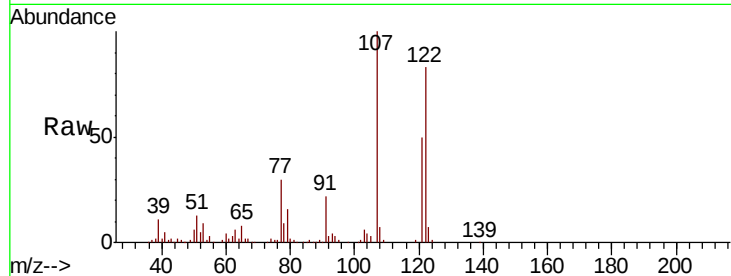
#27
2,4-Dimethylphenol
Concen: 43.818 ng
RT: 10.02 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

Instrument :
BNA_G
ClientSampleId :
PB118645BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	234586		
107	120.5	97.4	146.2	
121	59.8	47.7	71.5	

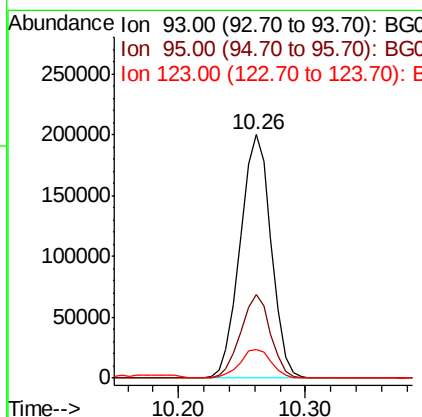
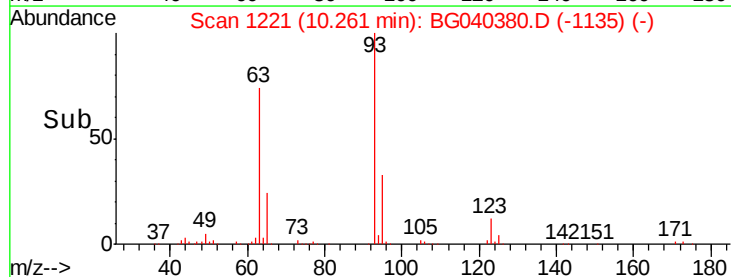
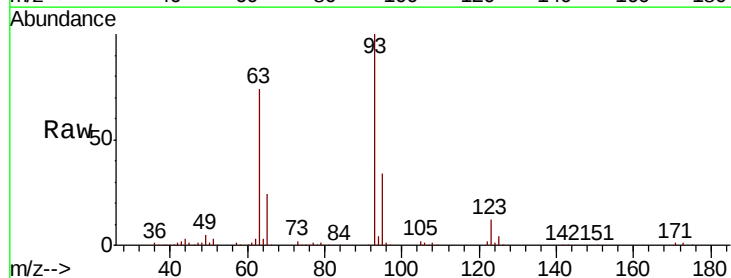
Manual Integrations
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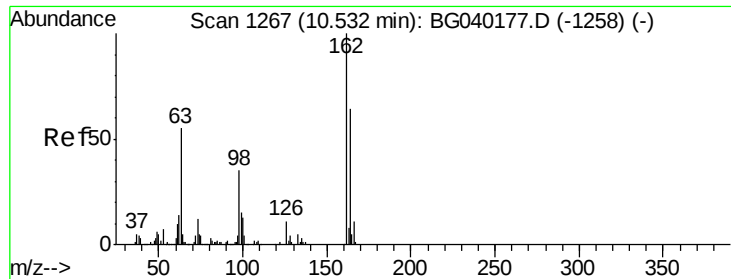
Sohil
4/8/2019 10:02:05 AM



#28
bis(2-Chloroethoxy)methane
Concen: 40.522 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	338826		
95	34.4	26.2	39.4	
123	11.9	9.4	14.0	





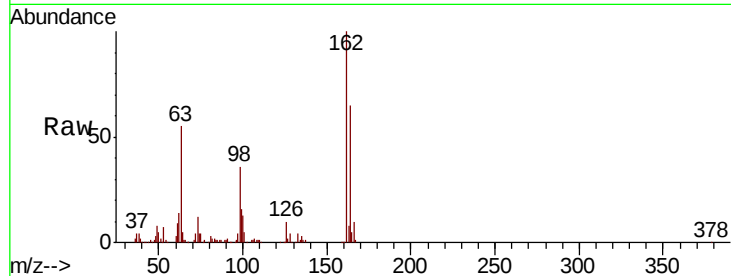
#29
2,4-Dichlorophenol
Concen: 44.253 ng
RT: 10.51 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

Instrument :
BNA_G
ClientSampleId :
PB118645BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	257153		
164	64.5	43.9	83.9	
98	36.0	15.6	55.6	

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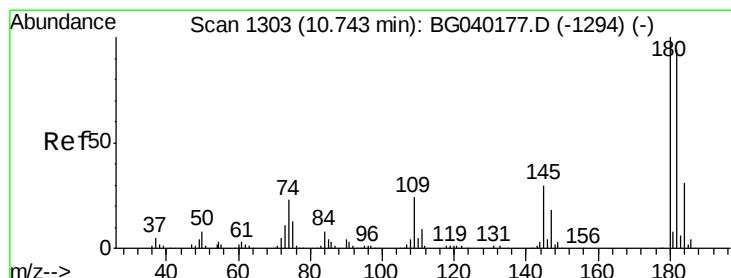
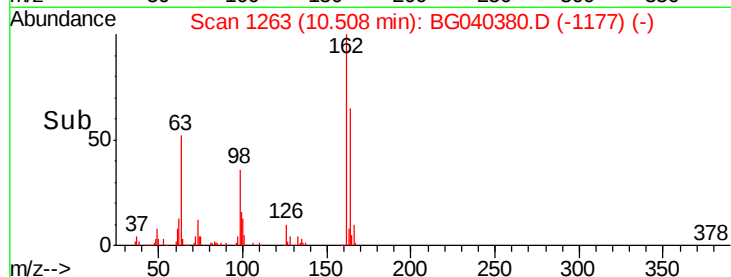
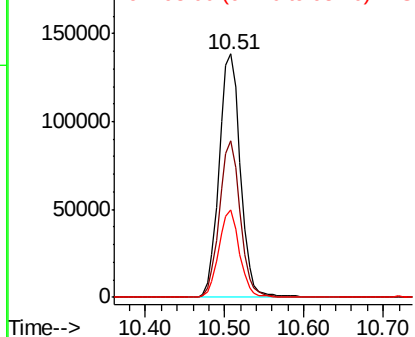


Abundance

Ion 162.00 (161.70 to 162.70): E

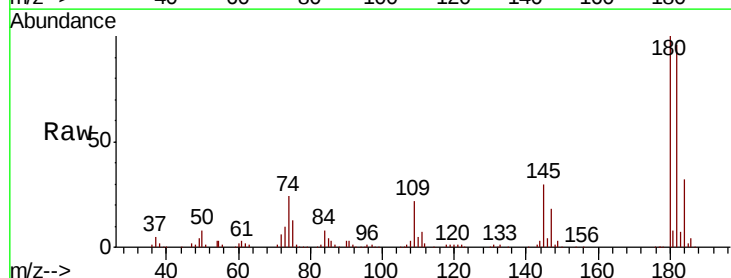
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 43.032 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	274573		
182	95.9	75.1	112.7	
145	29.8	24.1	36.1	

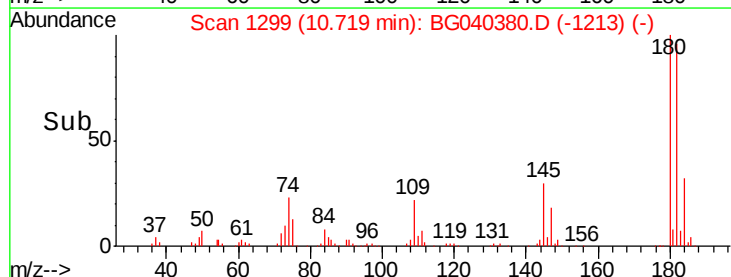
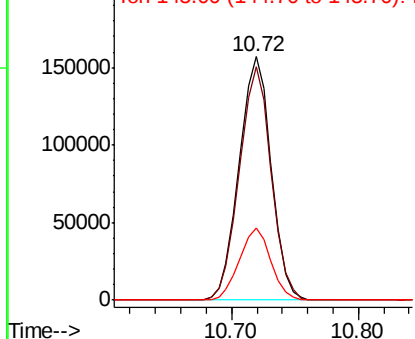


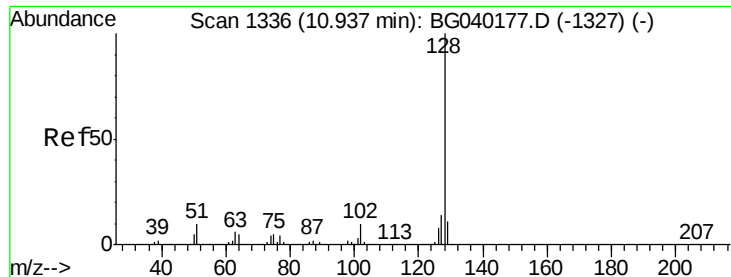
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





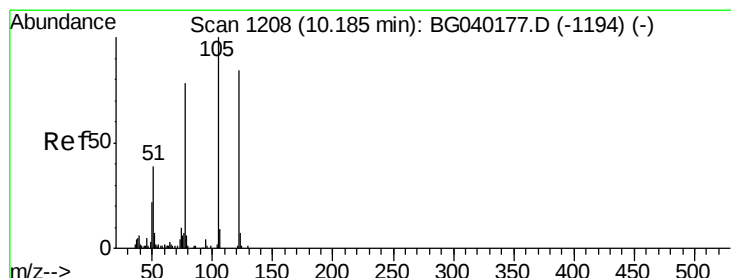
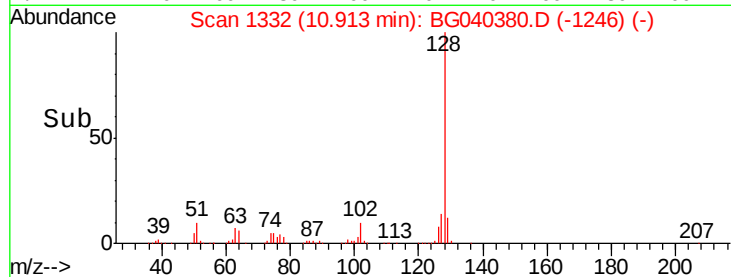
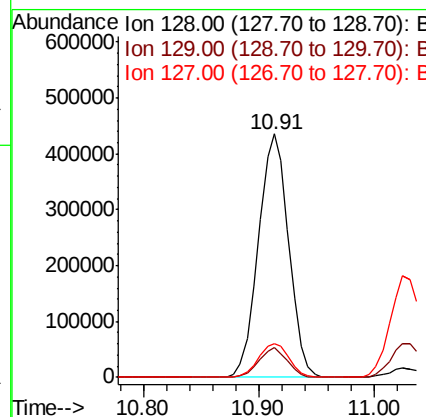
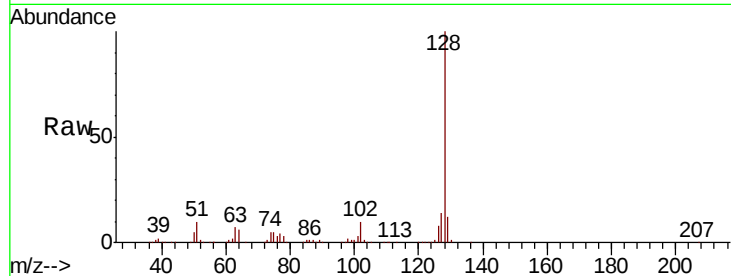
#31
Naphthalene
Concen: 42.383 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

Instrument :
BNA_G
ClientSampleId :
PB118645BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	793165		
129	12.1	8.9	13.3	
127	14.0	11.4	17.0	

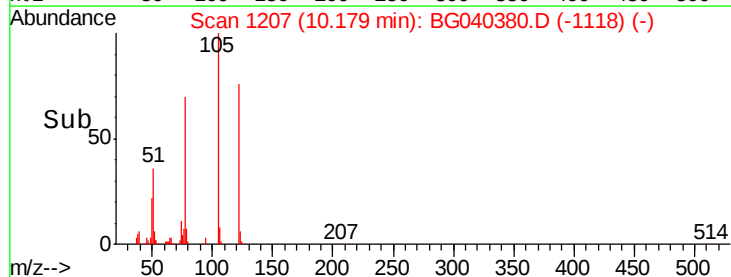
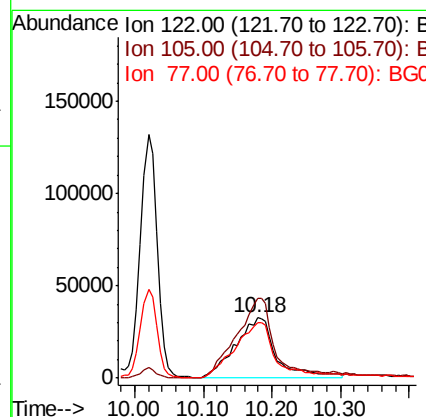
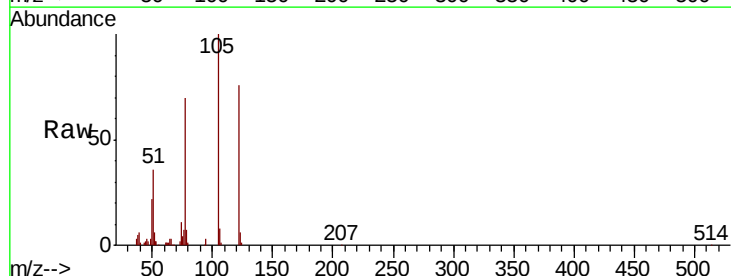
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#32
Benzoic acid
Concen: 41.272 ng
RT: 10.18 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	133500		
105	131.8	98.2	138.2	
77	92.0	73.6	113.6	





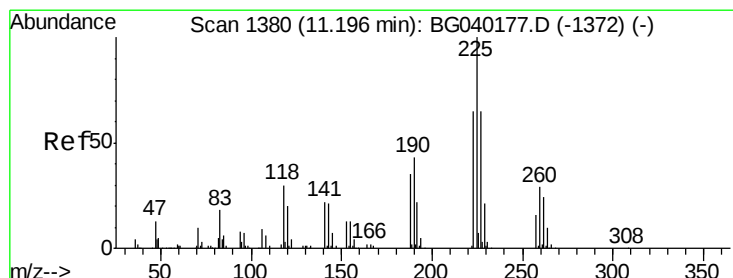
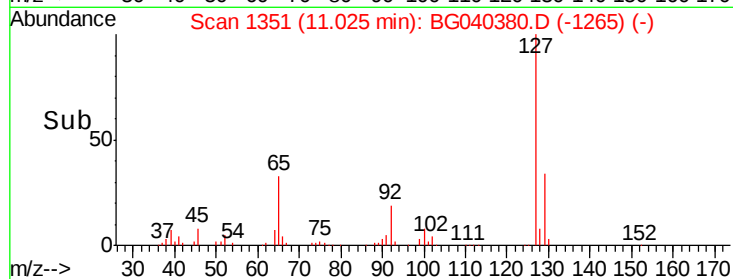
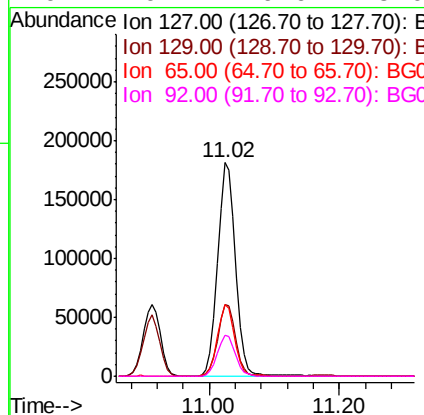
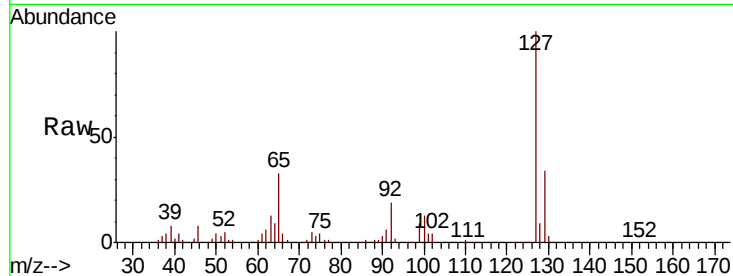
#33
4-Chloroaniline
Concen: 43.232 ng
RT: 11.02 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

Instrument :
BNA_G
ClientSampleId :
PB118645BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.6	26.6	40.0		
65	33.3	27.0	40.4		
92	19.1	16.6	25.0		

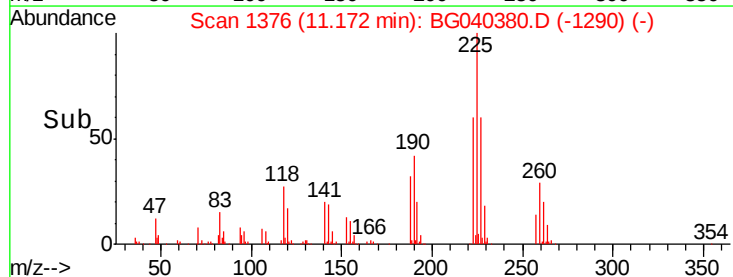
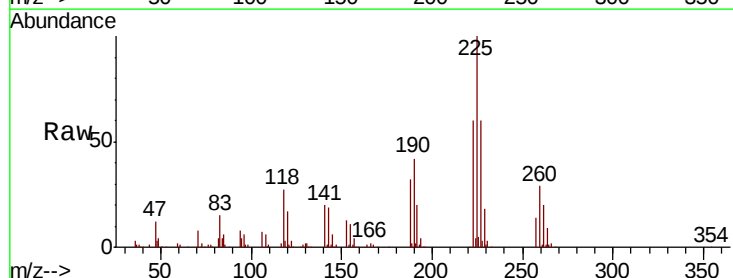
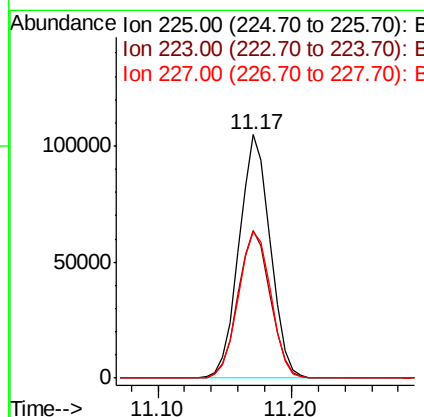
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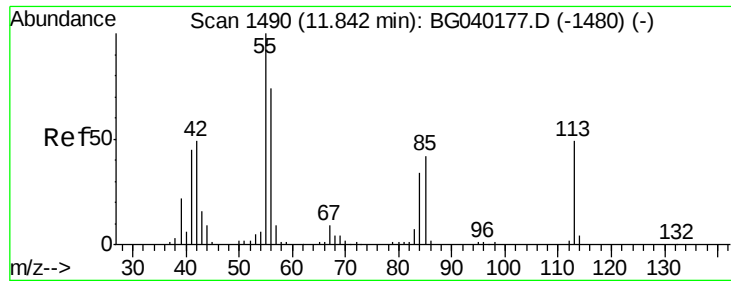
Sohil
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#34
Hexachlorobutadiene
Concen: 41.484 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.5	51.8	77.8		
227	60.1	54.9	82.3		





#35

Caprolactam

Concen: 41.330 ng/mL

RT: 11.83 min Scan# 1488

Delta R.T. -0.01 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

Instrument :

BNA_G

ClientSampleID :

PB118645BSD

Tot Ion: 113 Resp: 95309

Ion Ratio Lower Upper

113 100

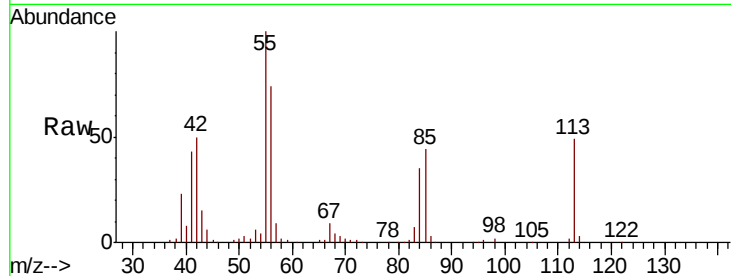
55 203.2 184.2 224.2

56 150.2 131.3 171.3

Manual Integrations
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Sohil

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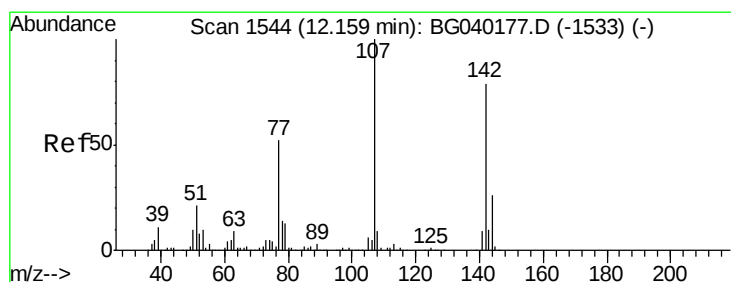
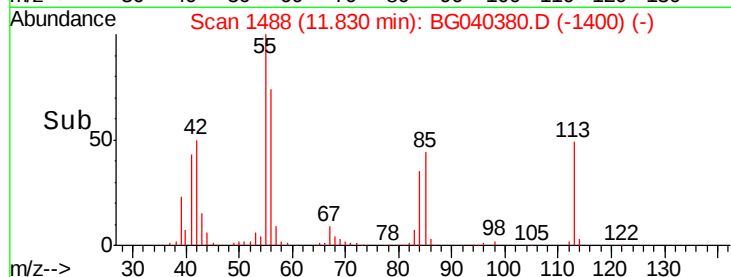
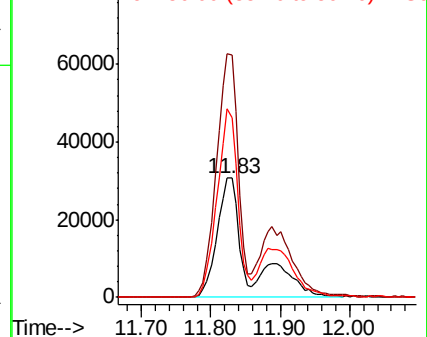


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 43.281 ng/mL

RT: 12.14 min Scan# 1540

Delta R.T. -0.02 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

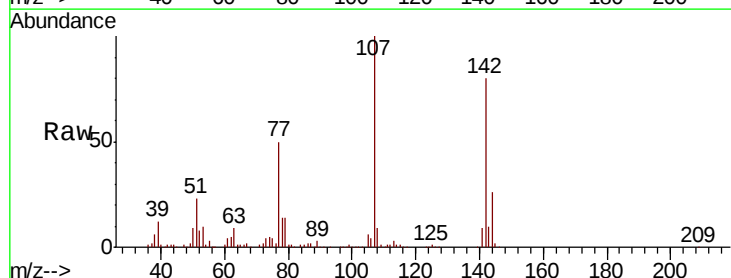
Tgt Ion: 107 Resp: 289136

Ion Ratio Lower Upper

107 100

144 26.4 20.5 30.7

142 80.4 63.1 94.7

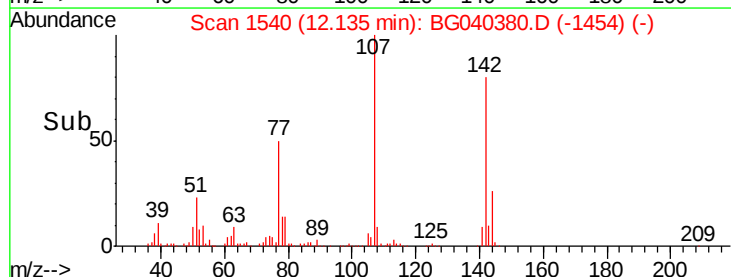
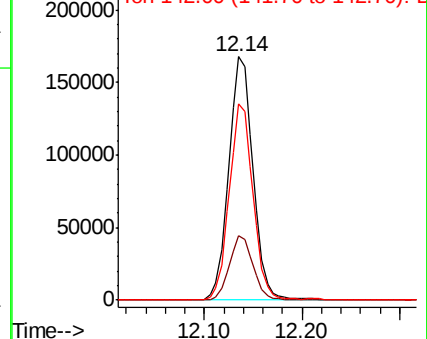


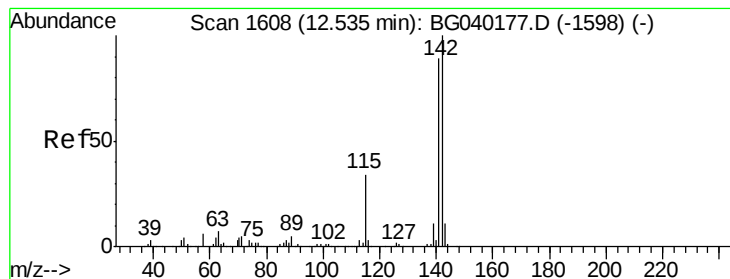
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





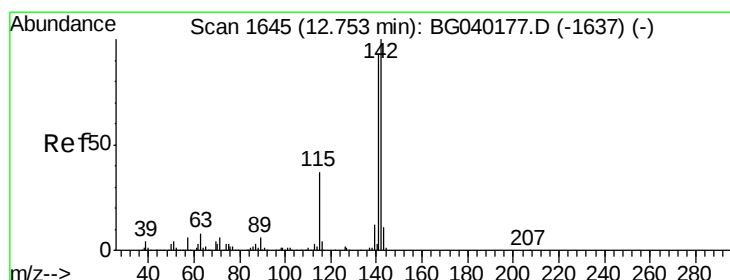
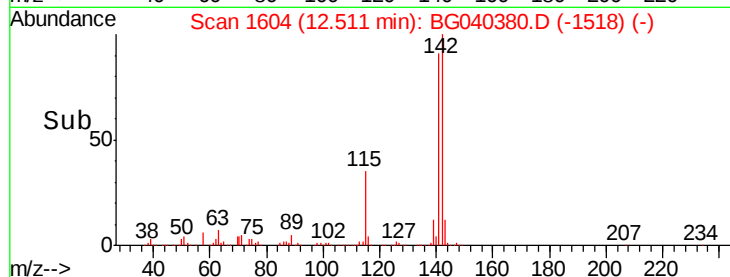
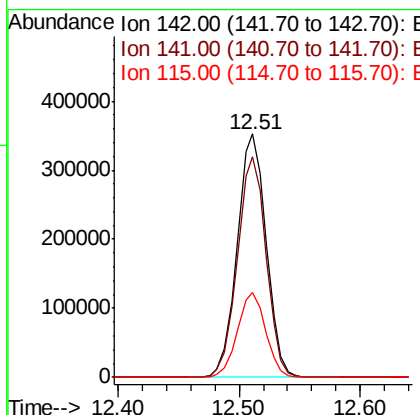
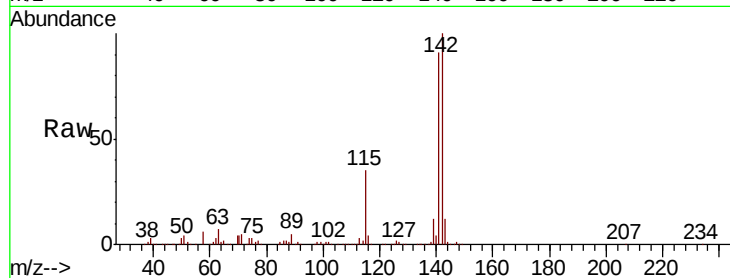
#37
 2-Methylnaphthalene
 Concen: 42.679 ng
 RT: 12.51 min Scan# 1604
 Delta R.T. -0.02 min
 Lab File: BG040380.D
 Acq: 5 Apr 2019 17:05

Instrument :
 BNA_G
 ClientSampleId :
 PB118645BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.0	106.6
115	35.1	27.3	40.9

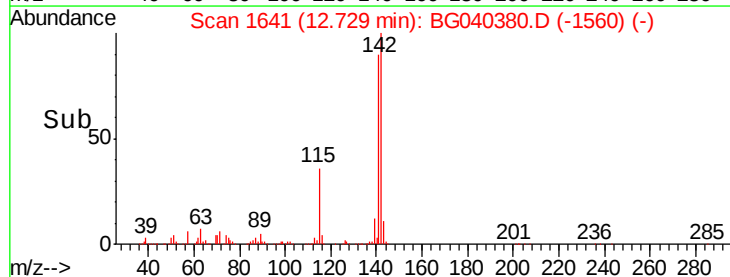
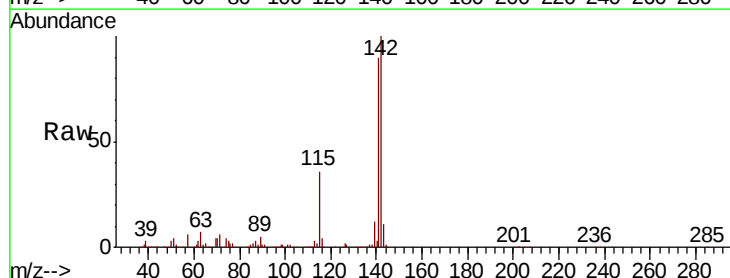
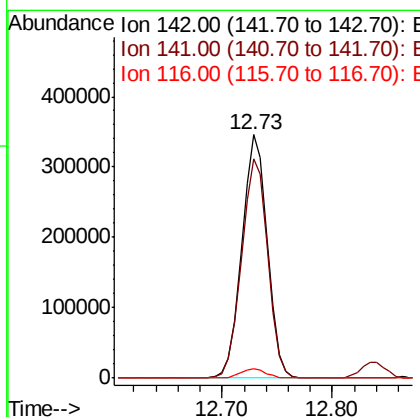
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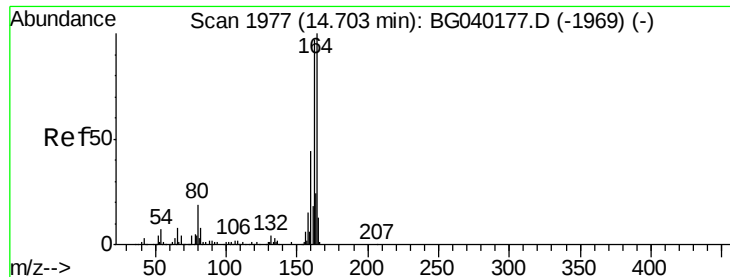
Sohil
 4/8/2019 10:02:05 AM



#38
 1-Methylnaphthalene
 Concen: 41.720 ng
 RT: 12.73 min Scan# 1641
 Delta R.T. -0.02 min
 Lab File: BG040380.D
 Acq: 5 Apr 2019 17:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	74.2	111.4
116	3.7	3.0	4.4





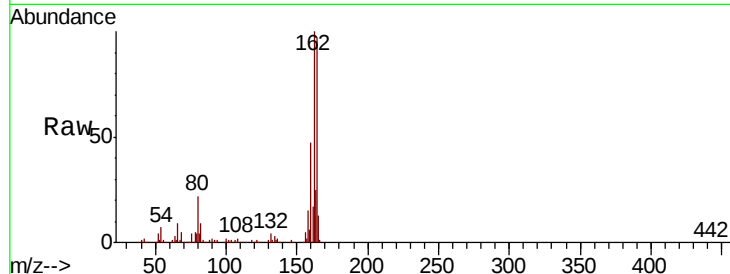
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

Instrument :
BNA_G
ClientSampleId :
PB118645BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.4	77.4	116.2
160	48.9	35.3	52.9

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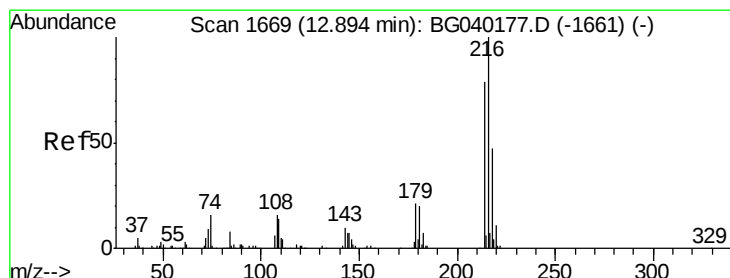
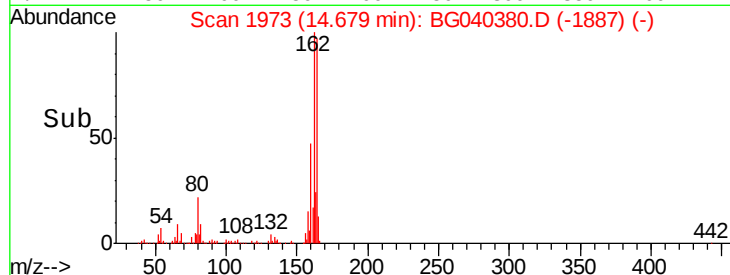
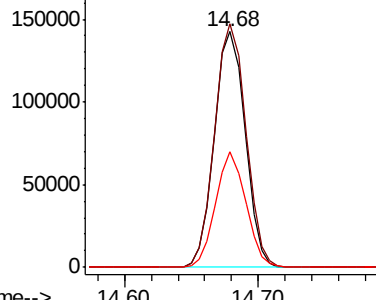


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.642 ng
RT: 12.88 min Scan# 1666
Delta R.T. -0.02 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.5	95.3
179	21.4	16.6	25.0
108	19.1	13.8	20.8

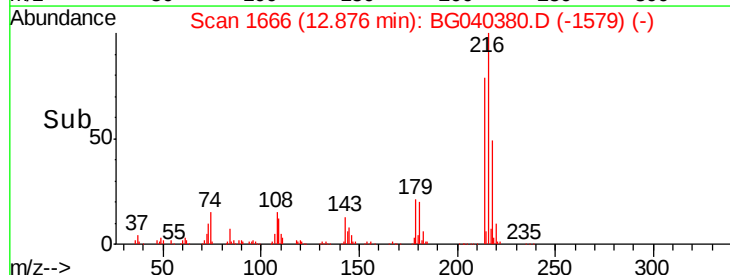
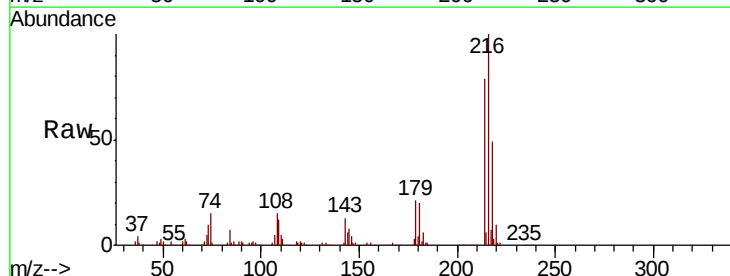
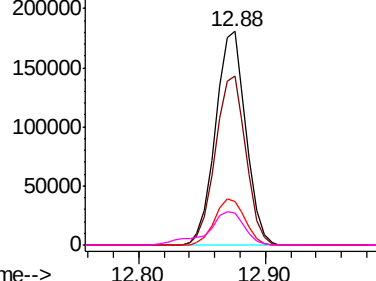
Abundance

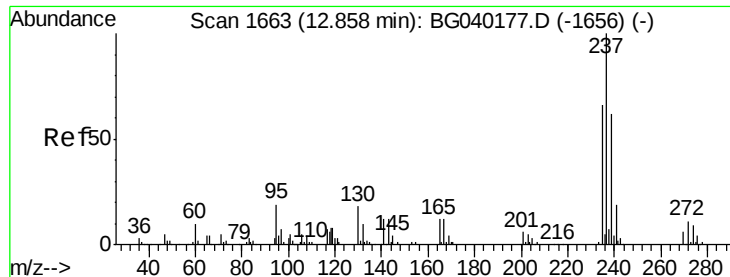
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 83.833 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.02 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

Instrument :

BNA_G

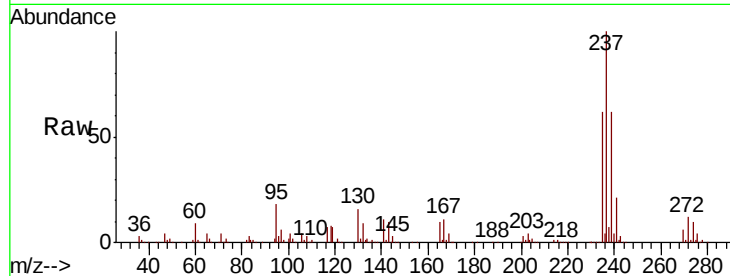
ClientSampleId :

PB118645BSD

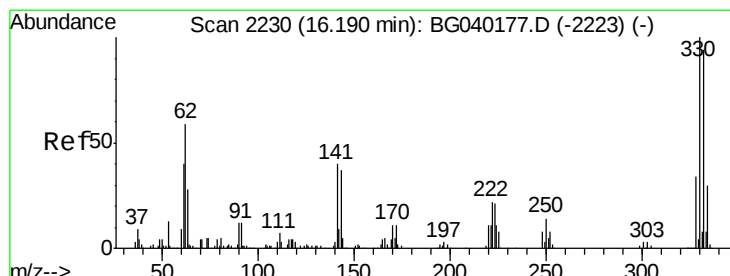
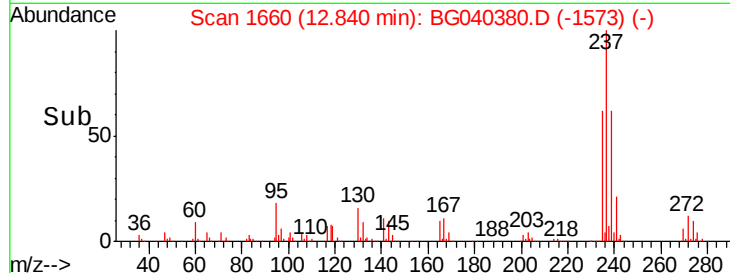
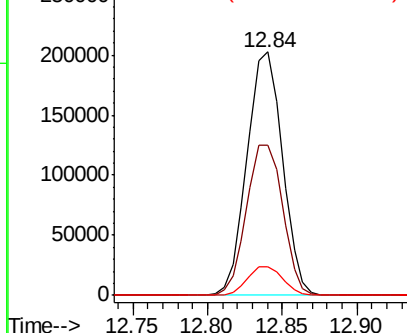
Tot Ion:	237	Resp:	331733
Ion Ratio	Lower	Upper	
237	100		
235	61.6	46.2	86.2
272	11.9	0.0	30.5

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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: 92.408 ng

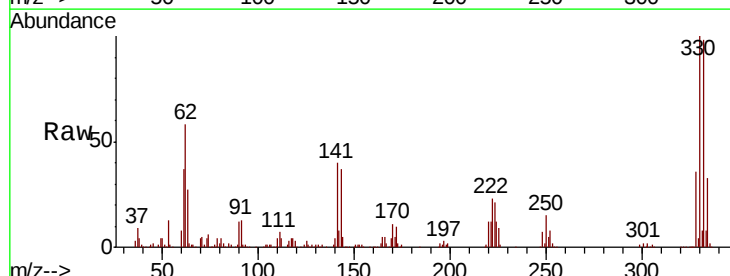
RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

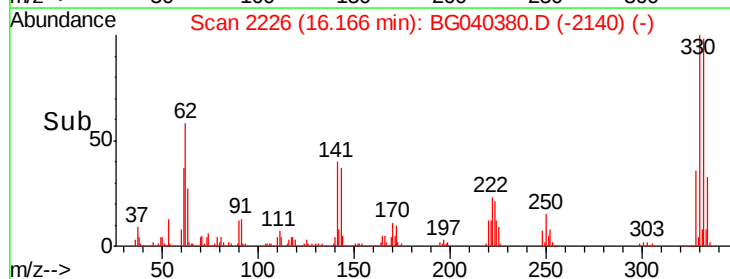
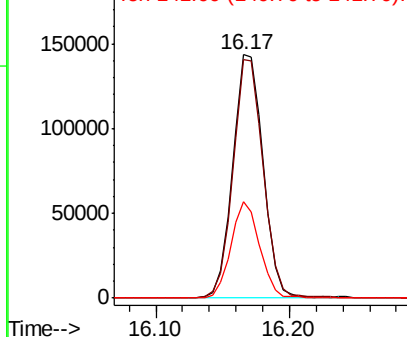
Lab File: BG040380.D

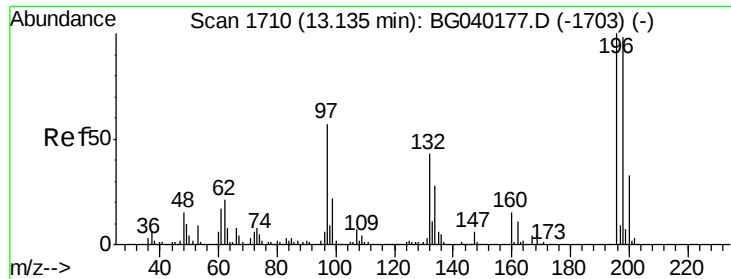
Acq: 5 Apr 2019 17:05

Tgt Ion:	330	Resp:	226450
Ion Ratio	Lower	Upper	
330	100		
332	97.3	76.6	115.0
141	37.5	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





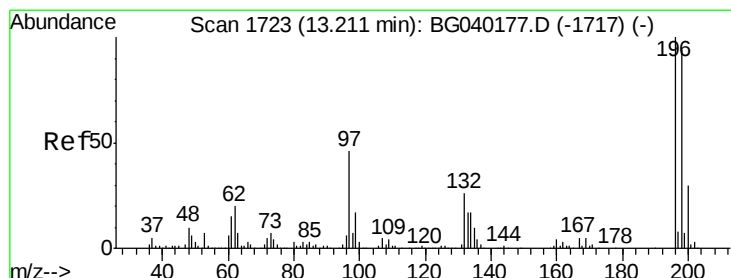
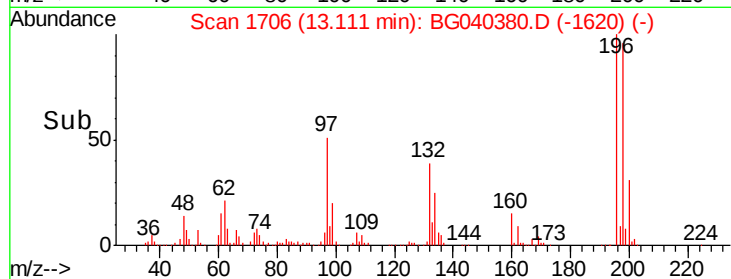
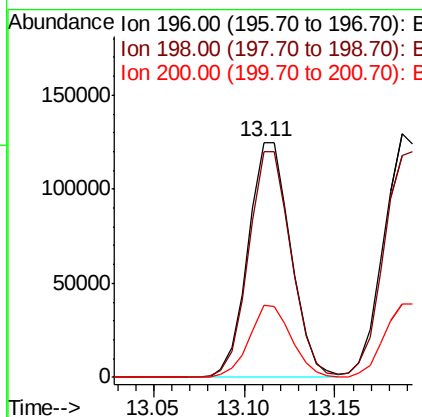
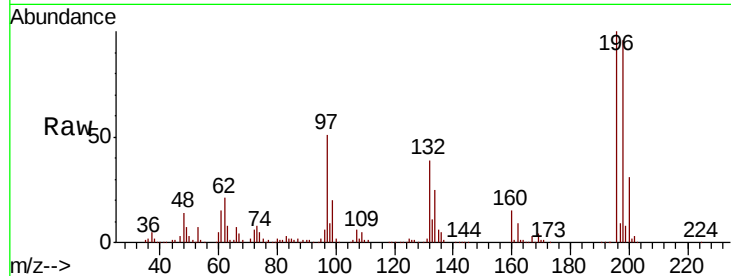
#43
 2,4,6-Trichlorophenol
 Concen: 44.300 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG040380.D
 Acq: 5 Apr 2019 17:05

Instrument :
 BNA_G
 ClientSampleId :
 PB118645BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	205839		
198	95.9	78.3	117.5	
200	30.8	26.0	39.0	

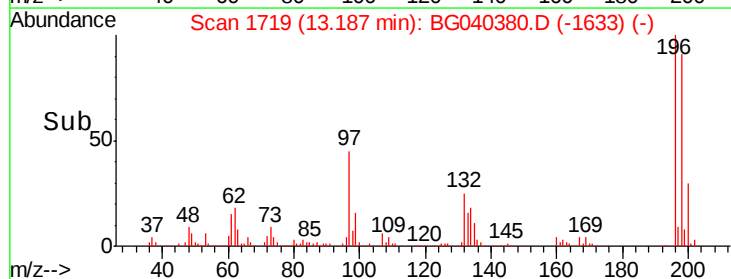
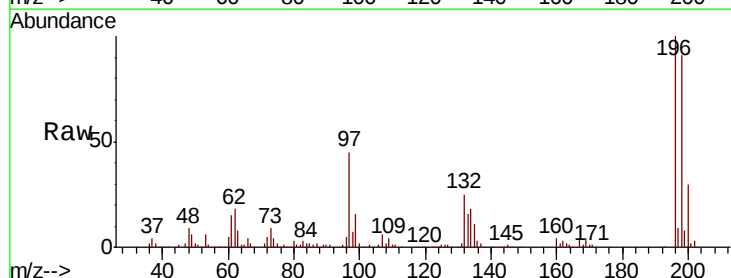
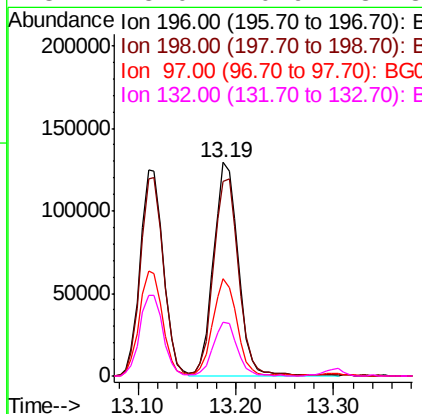
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#44
 2,4,5-Trichlorophenol
 Concen: 44.824 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG040380.D
 Acq: 5 Apr 2019 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	227013		
198	91.3	75.0	112.6	
97	45.3	37.3	55.9	
132	25.0	20.9	31.3	





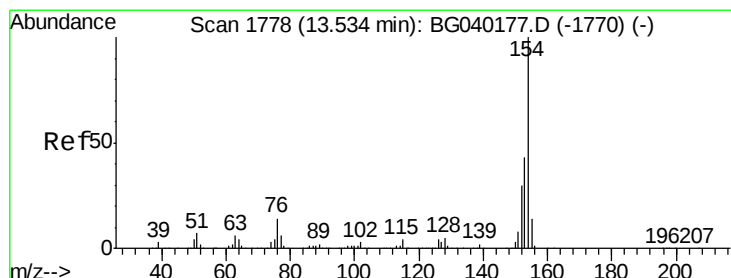
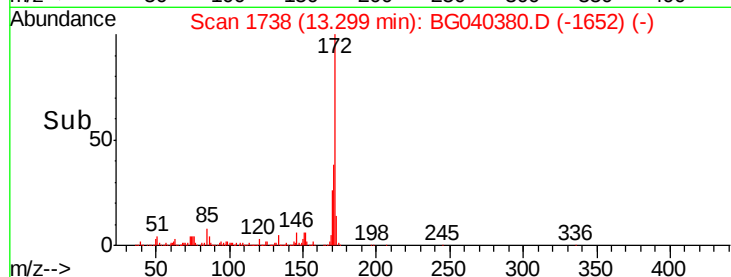
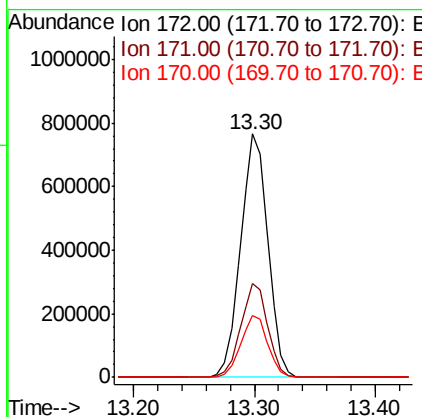
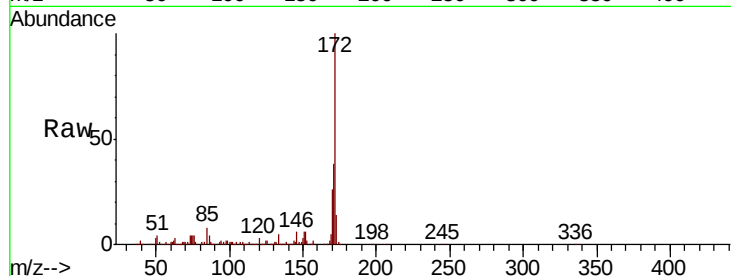
#45
2-Fluorobiphenyl
Concen: 78.710 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

Instrument :
BNA_G
ClientSampleId :
PB118645BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.5	45.7
170	25.6	20.1	30.1

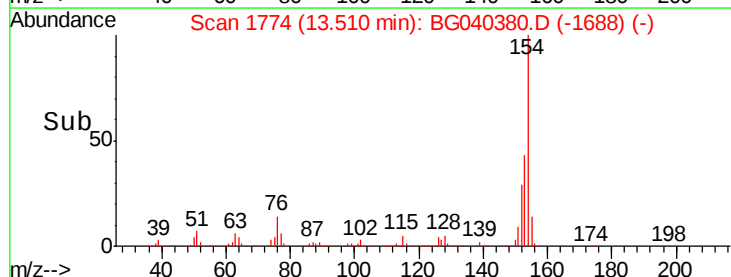
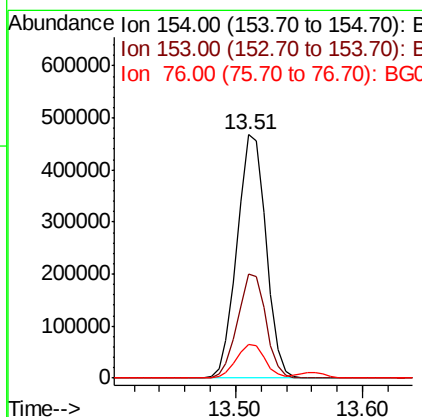
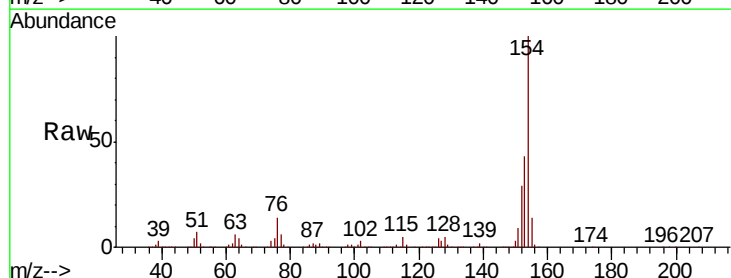
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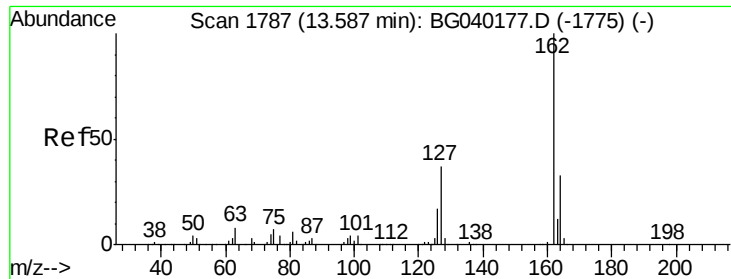
Sohil
4/8/2019 10:02:05 AM



#46
1,1'-Biphenyl
Concen: 41.274 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.8	22.5	62.5
76	13.7	0.0	33.7





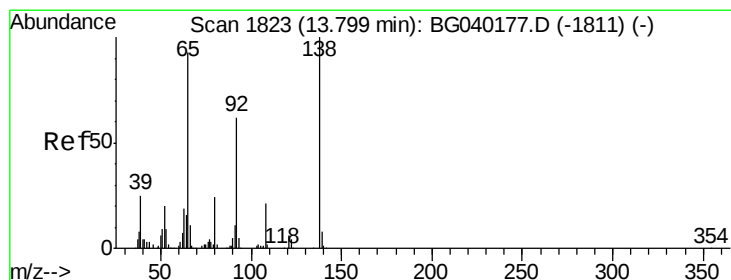
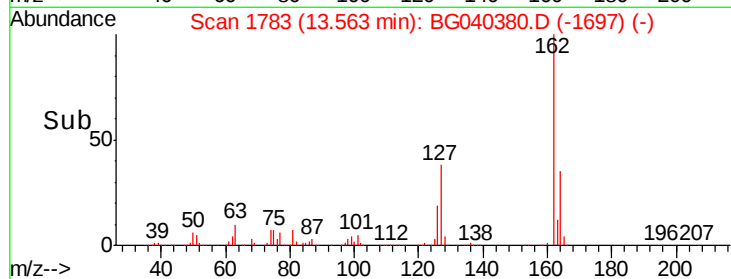
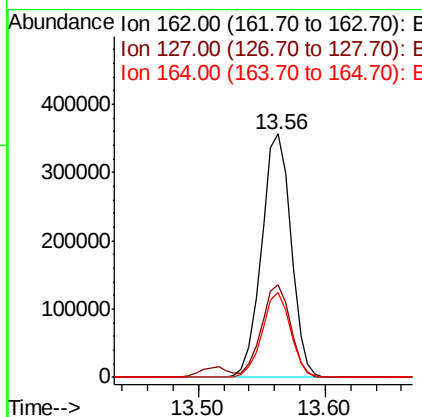
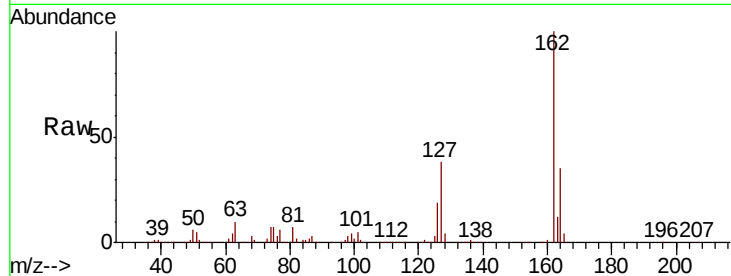
#47
2-Chloronaphthalene
Concen: 42.024 ng
RT: 13.56 min Scan# 1783
Delta R.T. -0.02 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

Instrument :
BNA_G
ClientSampleId :
PB118645BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.2	30.6	45.8
164	34.9	26.2	39.4

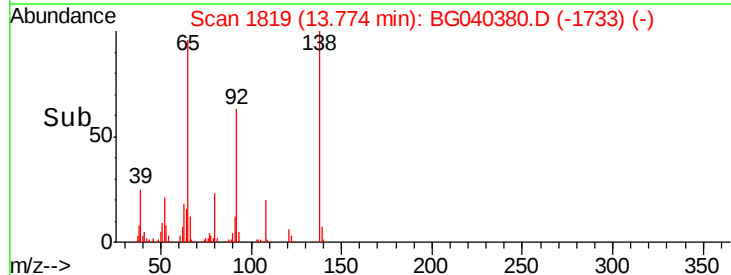
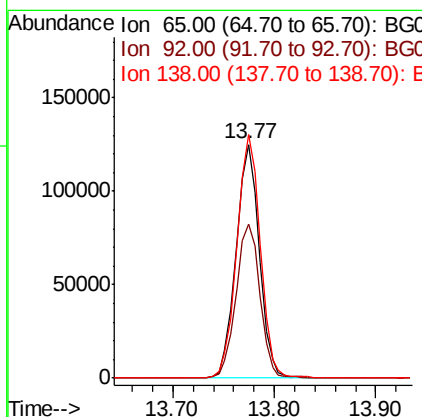
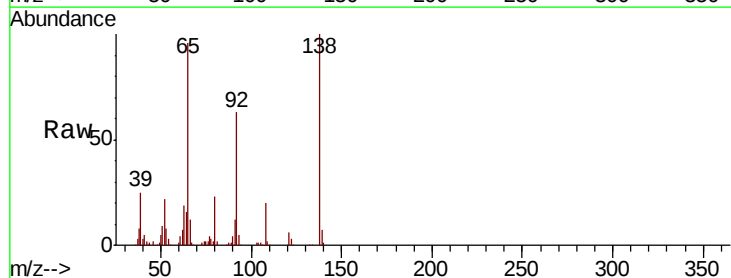
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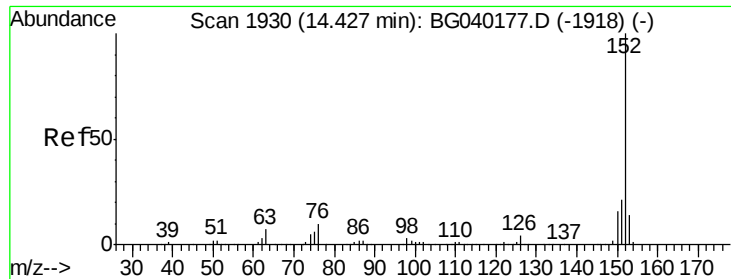
Sohil
4/8/2019 10:02:05 AM



#48
2-Nitroaniline
Concen: 43.026 ng
RT: 13.77 min Scan# 1819
Delta R.T. -0.02 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.9	53.8	80.6
138	104.2	86.3	129.5





#49

Acenaphthylene

Concen: 39.780 ng

RT: 14.40 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

Instrument :

BNA_G

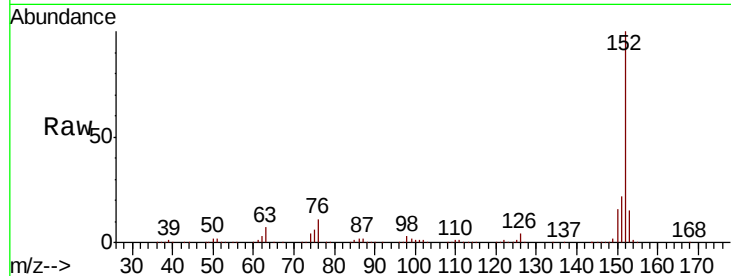
ClientSampleId :

PB118645BSD

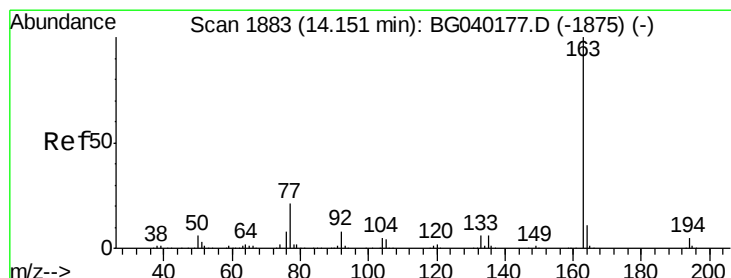
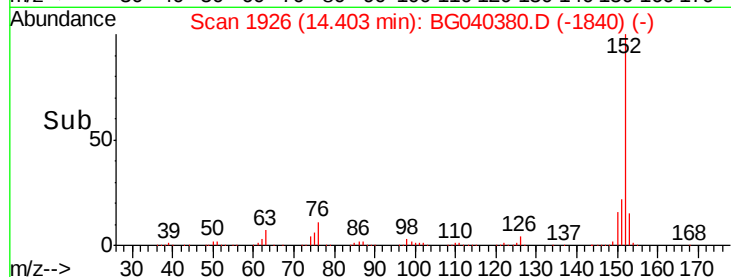
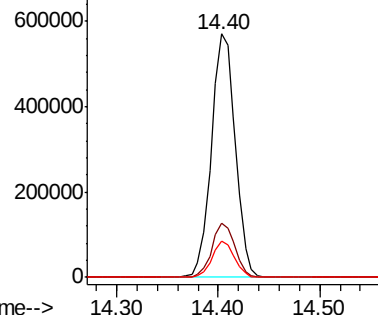
Tot Ion:	152	Resp:	926879
Ion Ratio	Lower	Upper	
152	100		
151	22.1	17.0	25.6
153	14.7	10.8	16.2

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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: 41.283 ng

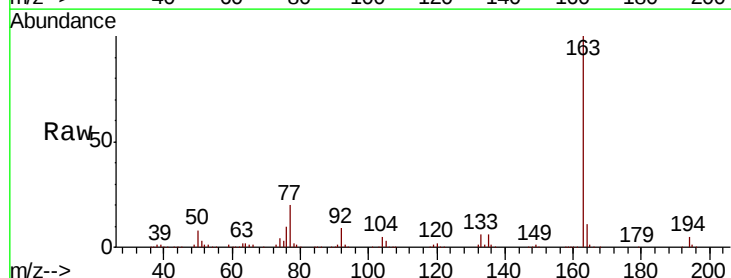
RT: 14.13 min Scan# 1880

Delta R.T. -0.02 min

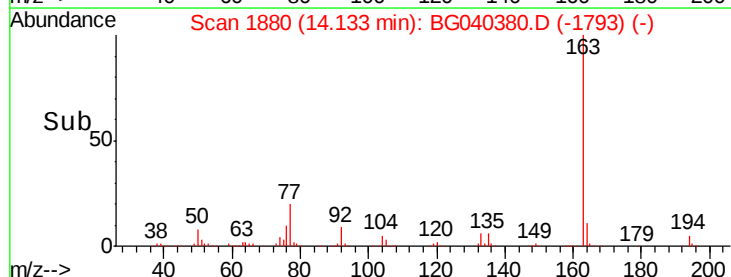
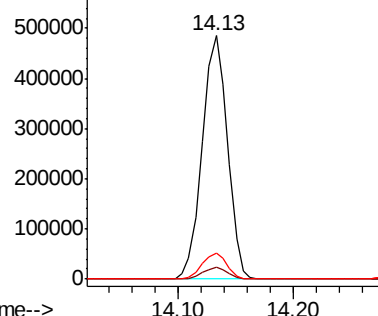
Lab File: BG040380.D

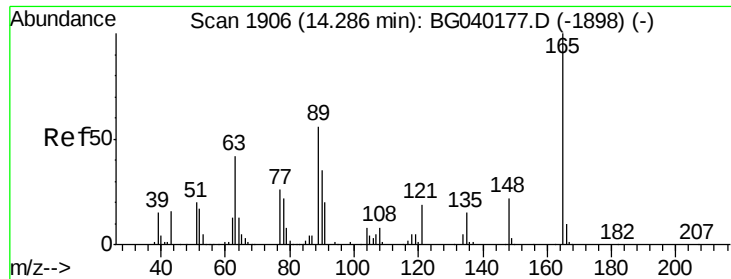
Acq: 5 Apr 2019 17:05

Tgt Ion:	163	Resp:	732601
Ion Ratio	Lower	Upper	
163	100		
194	5.1	4.1	6.1
164	10.6	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





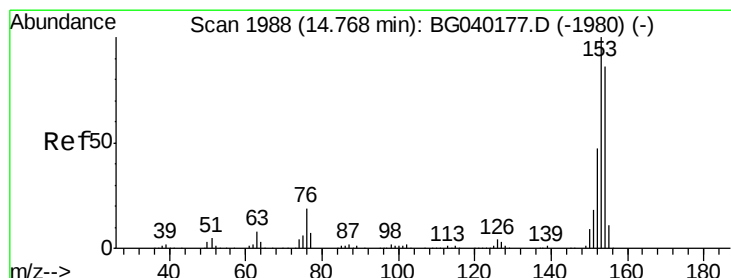
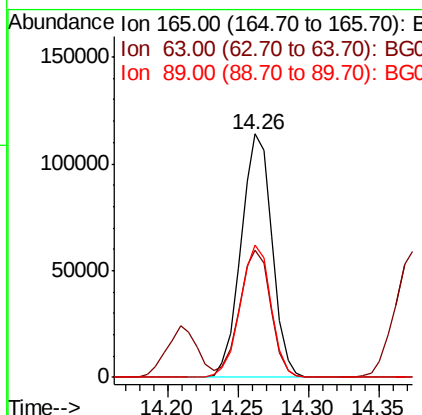
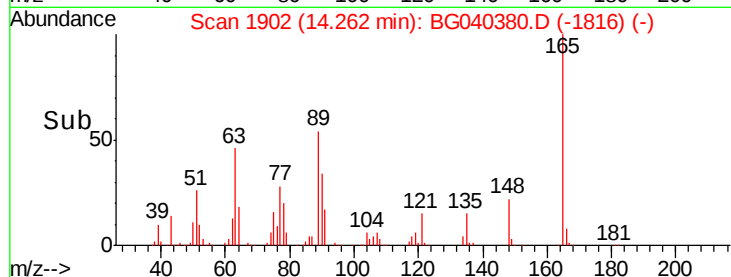
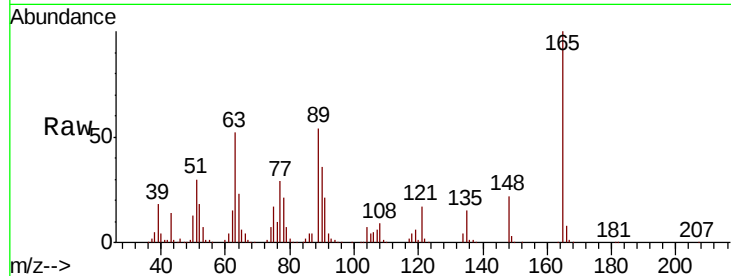
#51
 2,6-Dinitrotoluene
 Concen: 43.829 ng
 RT: 14.26 min Scan# 1902
 Delta R.T. -0.02 min
 Lab File: BG040380.D
 Acq: 5 Apr 2019 17:05

Instrument :
 BNA_G
 ClientSampleId :
 PB118645BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	174642		
63	52.2	44.1	66.1	
89	54.3	44.9	67.3	

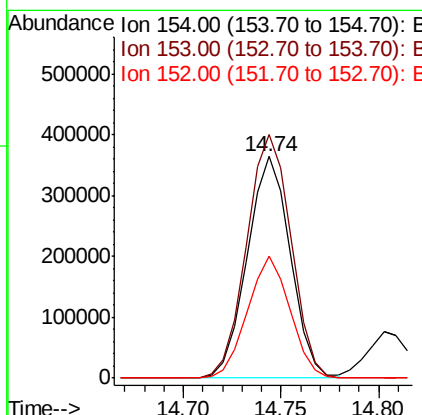
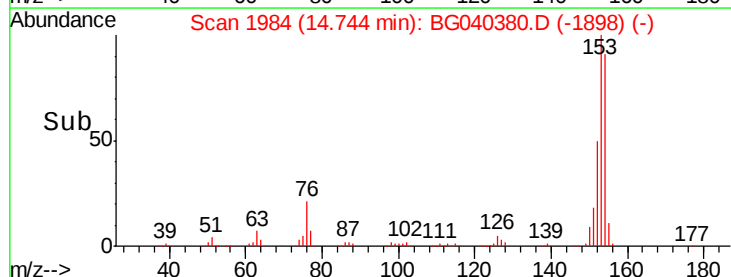
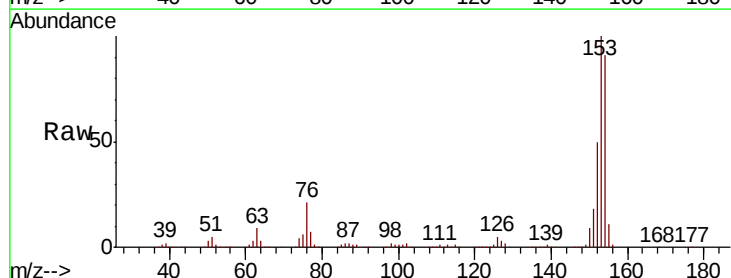
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#52
 Acenaphthene
 Concen: 41.854 ng
 RT: 14.74 min Scan# 1984
 Delta R.T. -0.02 min
 Lab File: BG040380.D
 Acq: 5 Apr 2019 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	558815		
153	109.9	92.8	139.2	
152	55.2	43.4	65.2	





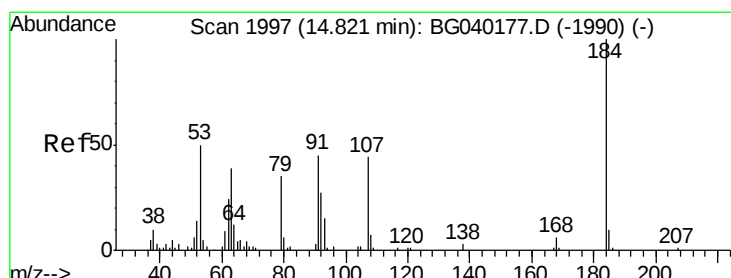
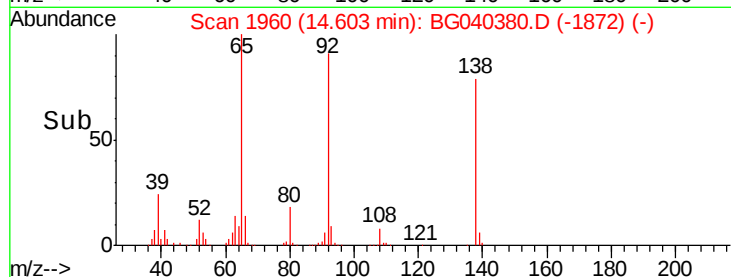
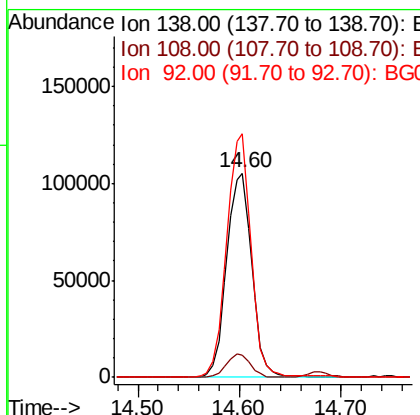
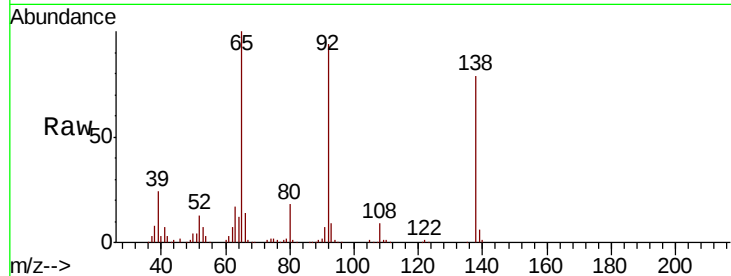
#53
3-Nitroaniline
Concen: 43.128 ng
RT: 14.60 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

Instrument :
BNA_G
ClientSampleId :
PB118645BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	7.8	11.8
92	119.2	87.5	131.3

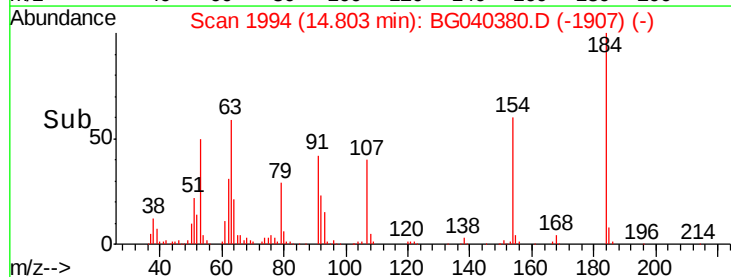
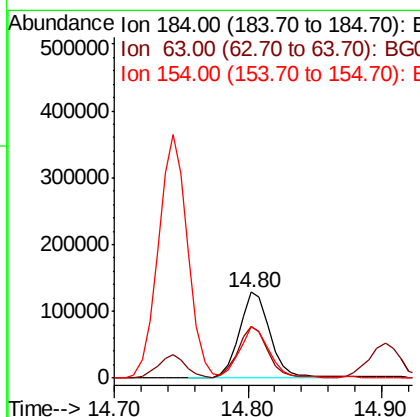
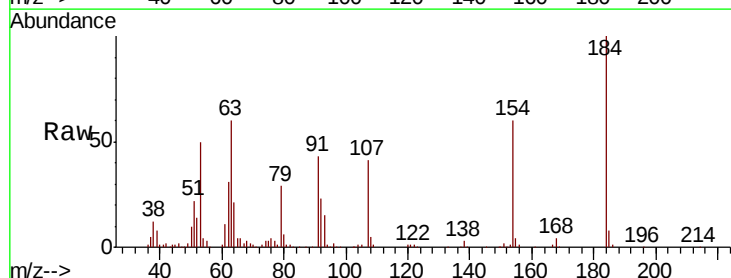
Manual Integrations
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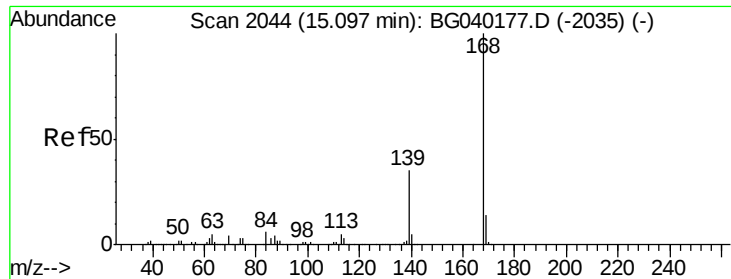
Sohil
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#54
2,4-Dinitrophenol
Concen: 96.943 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

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





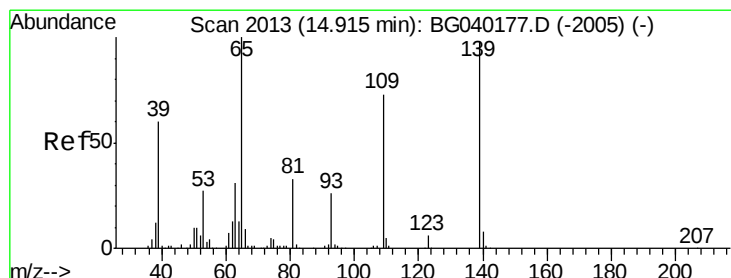
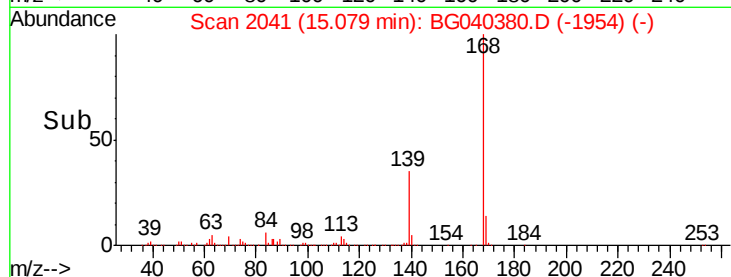
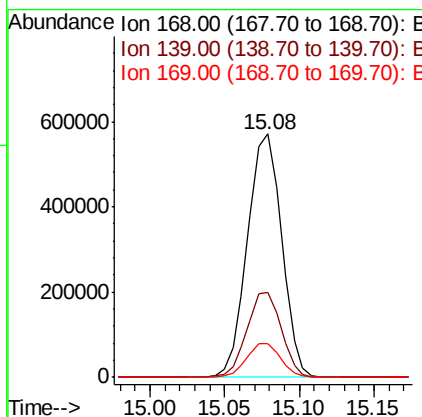
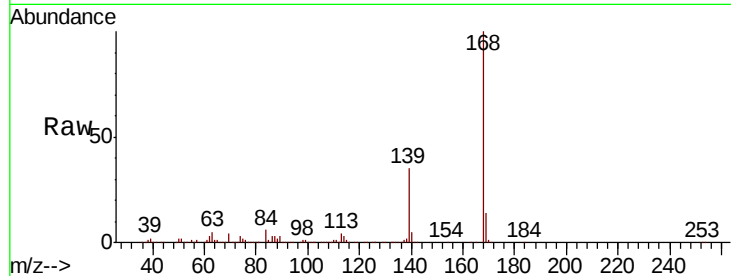
#55
Dibenzenofuran
Concen: 42.212 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.02 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

Instrument :
BNA_G
ClientSampleId :
PB118645BSD

Tot Ion:	168	Resp:	905602
Ion Ratio	Lower	Upper	
168	100		
139	35.0	27.9	41.9
169	13.9	11.3	16.9

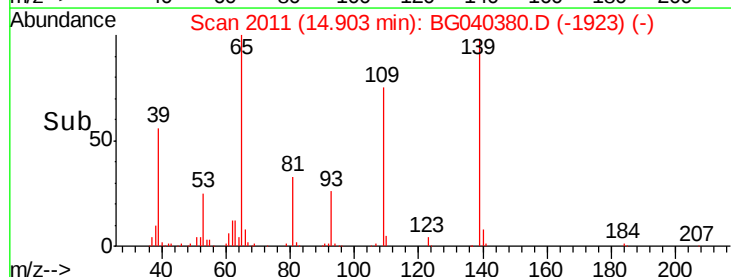
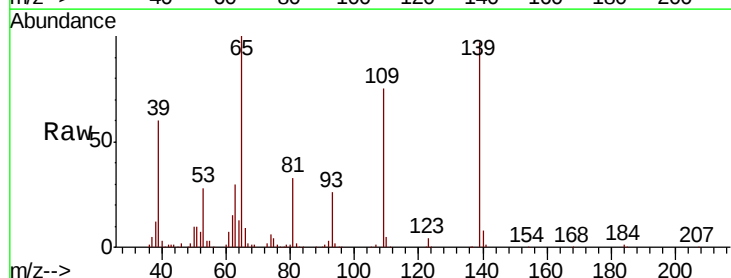
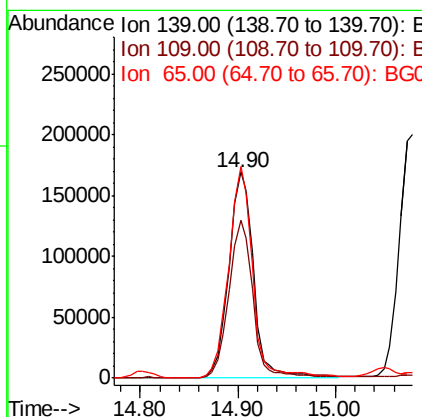
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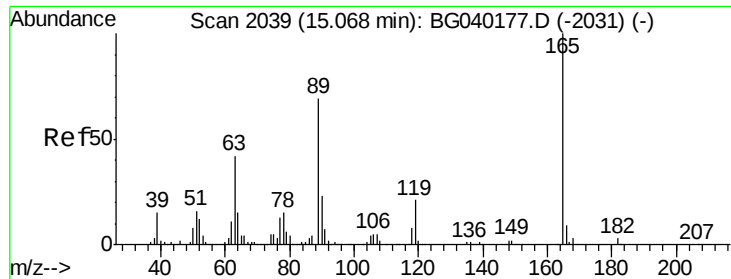
Sohil
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#56
4-Nitrophenol
Concen: 87.408 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

Tgt Ion:	139	Resp:	297552
Ion Ratio	Lower	Upper	
139	100		
109	76.9	54.3	94.3
65	103.0	82.5	122.5





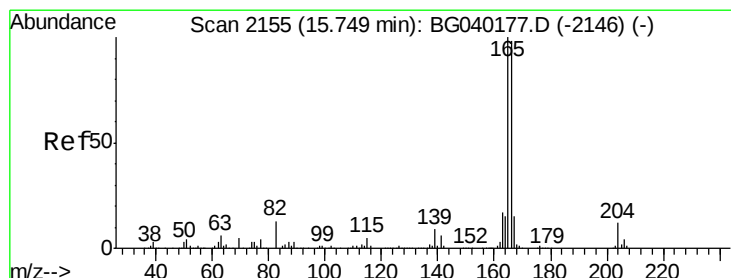
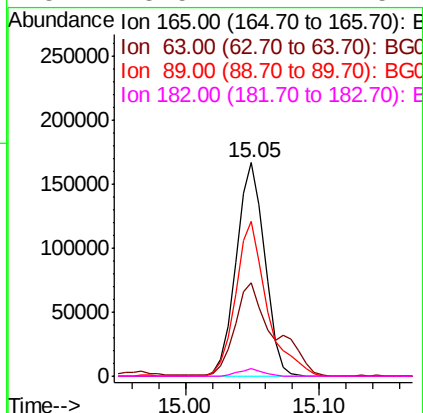
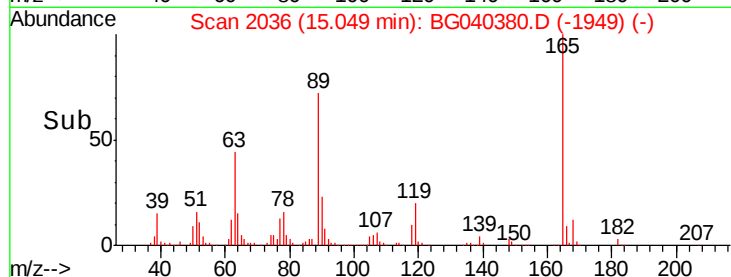
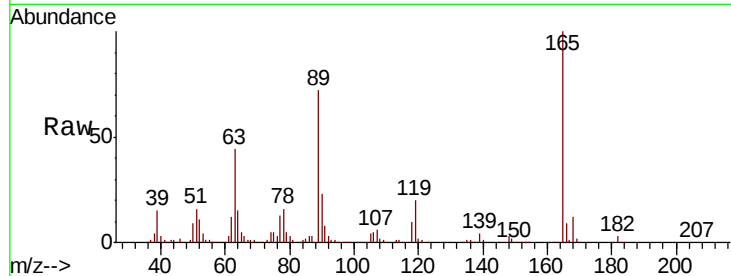
#57
2,4-Dinitrotoluene
Concen: 44.719 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.02 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

Instrument :
BNA_G
ClientSampleId :
PB118645BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	43.5	33.8	50.6
89	72.4	55.4	83.2
182	3.5	2.2	3.4

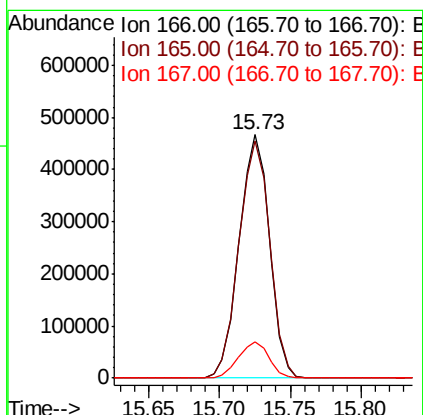
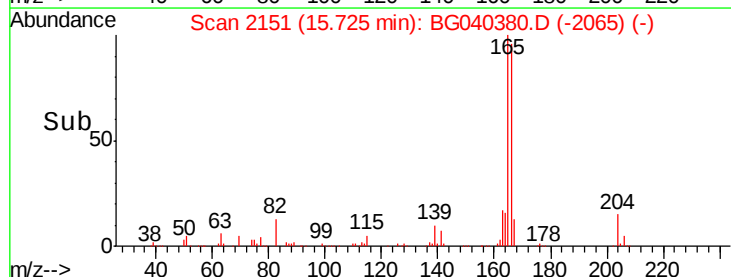
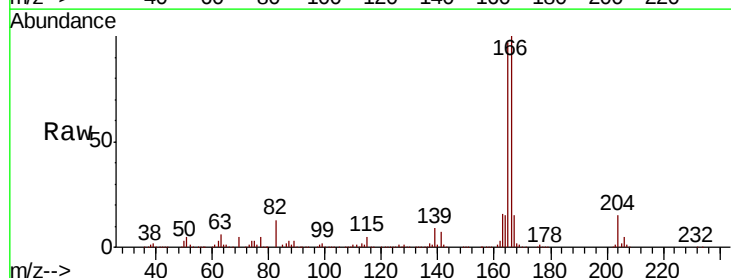
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#58
Fluorene
Concen: 41.594 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.02 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	97.4	81.7	122.5
167	14.9	11.9	17.9





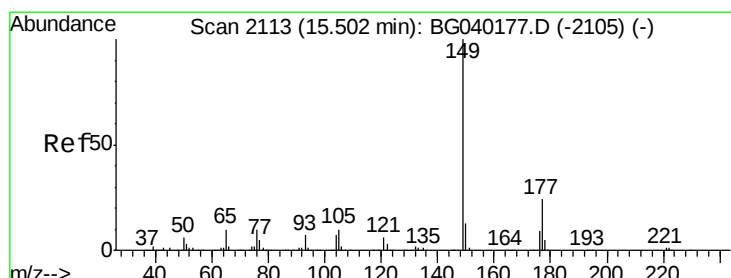
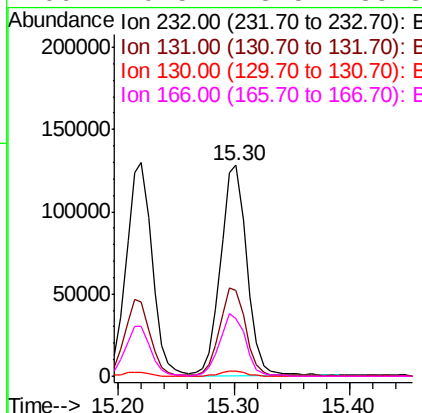
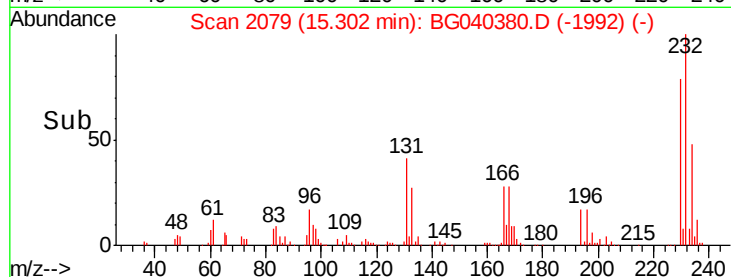
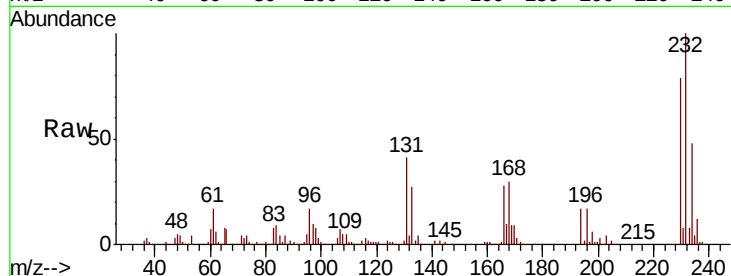
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.948 ng
 RT: 15.30 min Scan# 2079
 Delta R.T. -0.02 min
 Lab File: BG040380.D
 Acq: 5 Apr 2019 17:05

Instrument :
 BNA_G
 ClientSampleId :
 PB118645BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	201974		
131	41.1		32.9	49.3
130	2.4		1.8	2.8
166	29.5		23.5	35.3

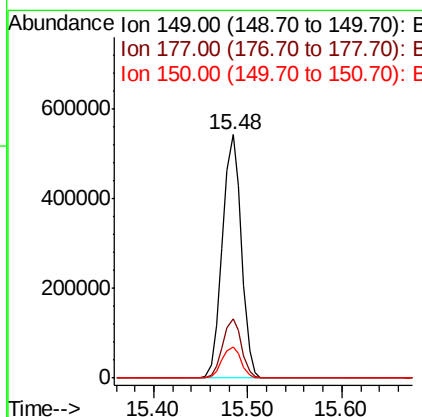
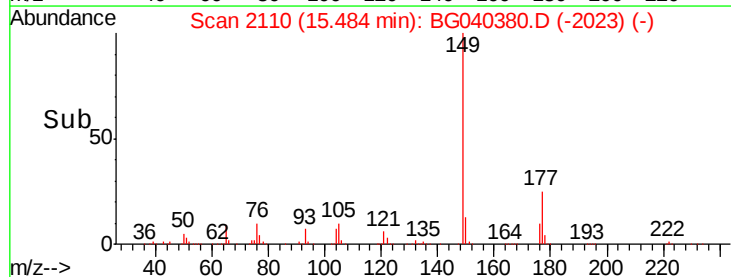
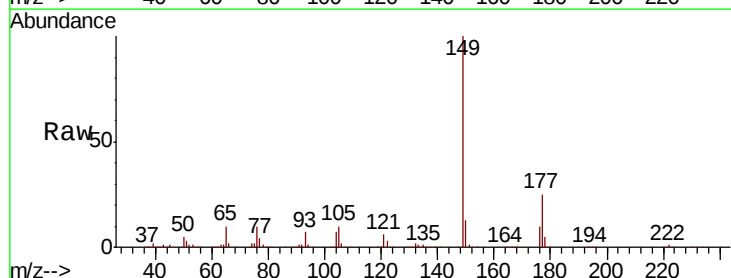
Manual Integrations
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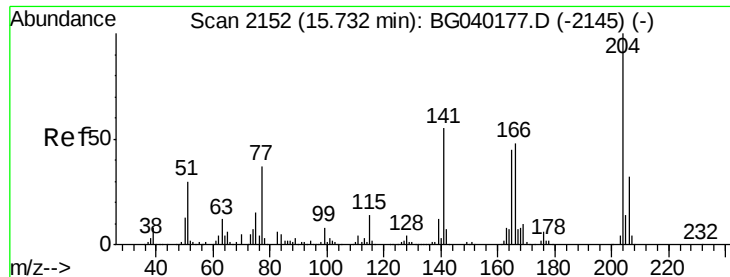
Sohil
 4/8/2019 10:02:05 AM



#60
 Diethylphthalate
 Concen: 41.917 ng
 RT: 15.48 min Scan# 2110
 Delta R.T. -0.02 min
 Lab File: BG040380.D
 Acq: 5 Apr 2019 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	761189		
177	24.6		19.1	28.7
150	12.5		10.6	15.8





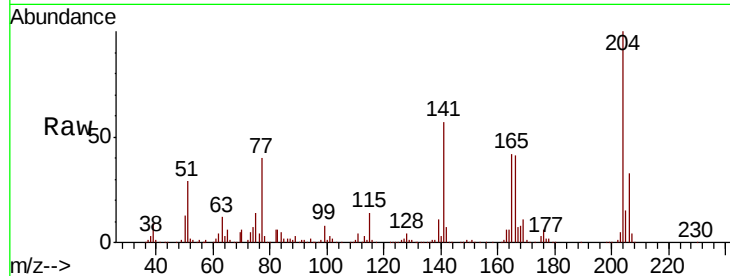
#61
 4-Chlorophenyl-phenylether
 Concen: 42.662 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.02 min
 Lab File: BG040380.D
 Acq: 5 Apr 2019 17:05

Instrument :
 BNA_G
 ClientSampleId :
 PB118645BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	25.7	38.5
141	56.6	44.0	66.0

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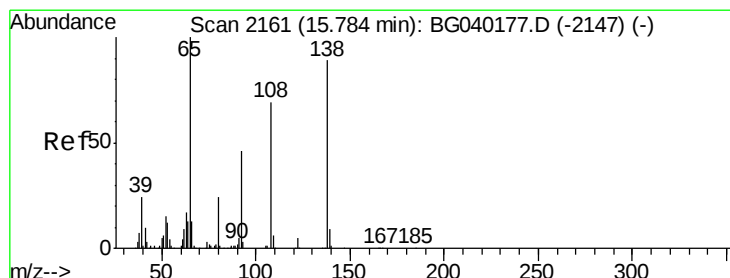
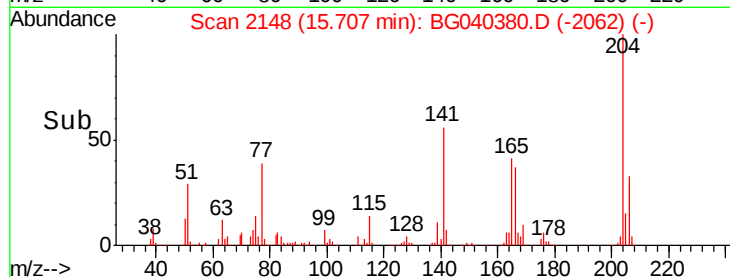
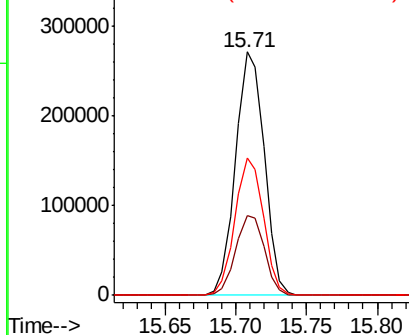


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 44.952 ng
 RT: 15.77 min Scan# 2158
 Delta R.T. -0.02 min
 Lab File: BG040380.D
 Acq: 5 Apr 2019 17:05

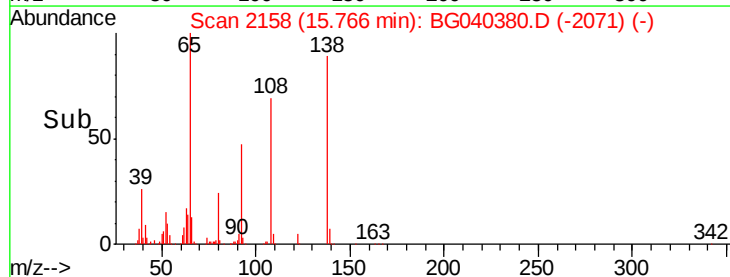
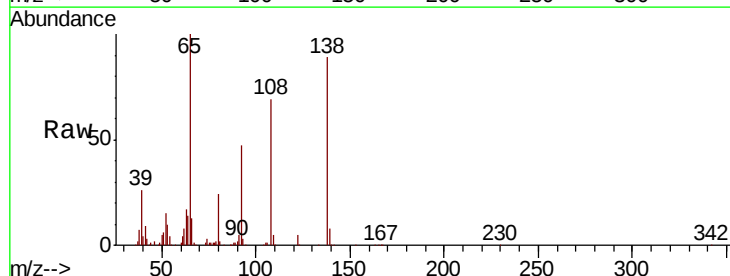
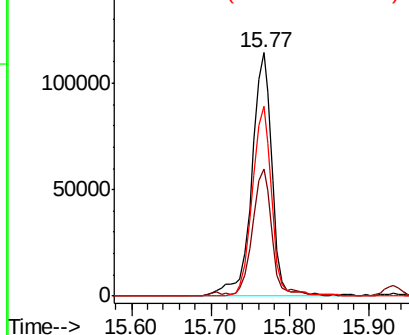
Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.5	31.8	71.8
108	78.0	57.2	97.2

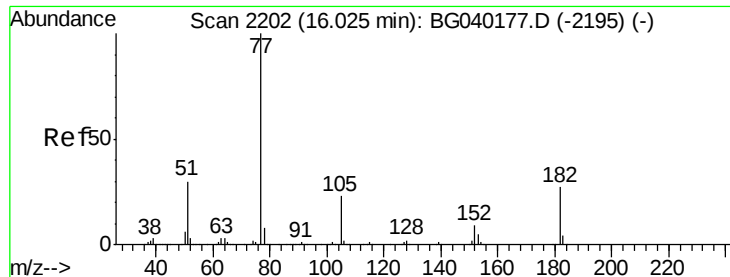
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





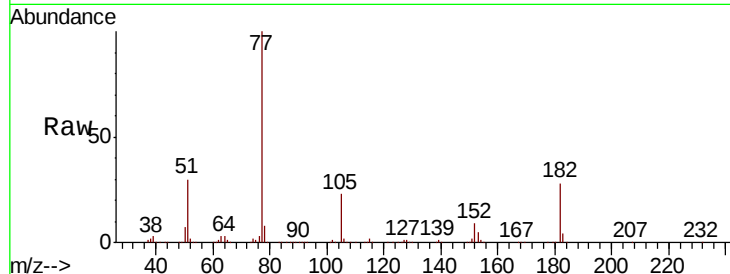
#63
Azobenzene
Concen: 41.458 ng
RT: 16.00 min Scan# 2198
Delta R.T. -0.02 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

Instrument :
BNA_G
ClientSampleId :
PB118645BSD

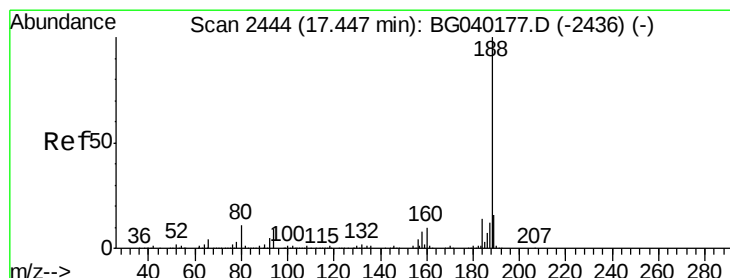
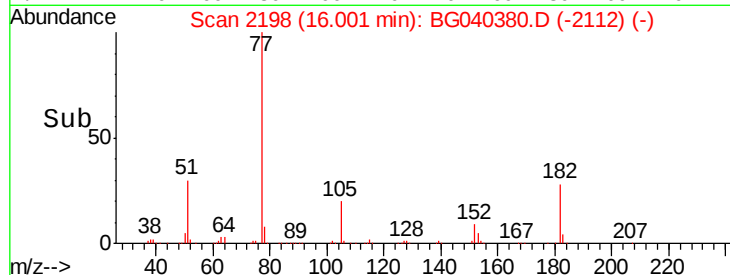
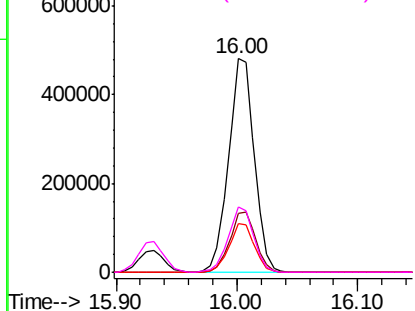
Tot Ion	Ratio	Lower	Upper
77	100		
182	27.8	7.2	47.2
105	22.7	2.8	42.8
51	30.4	10.4	50.4

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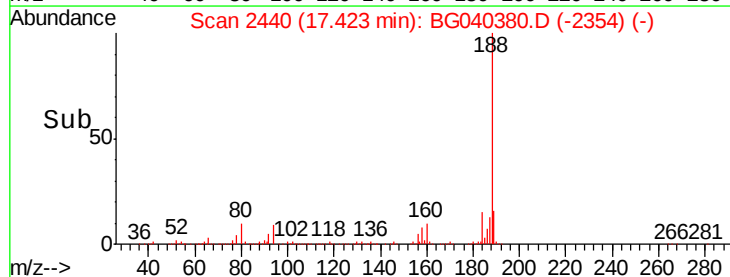
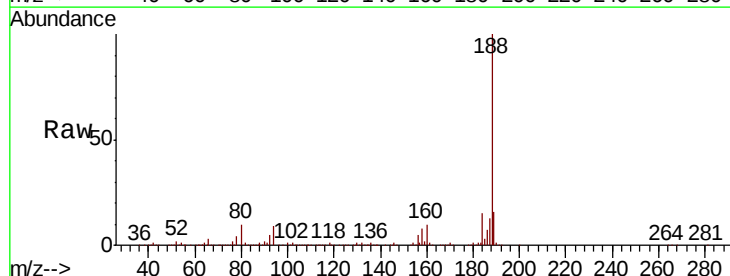
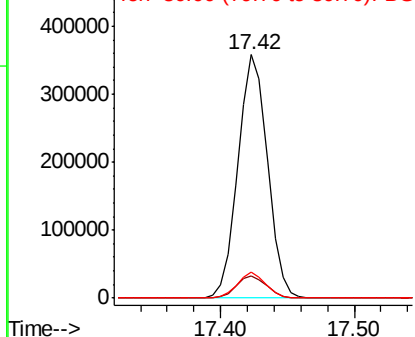
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

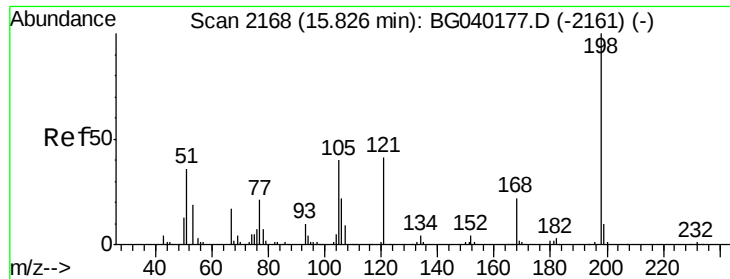


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.0	10.4
80	10.5	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: 50.579 ng

RT: 15.81 min Scan# 2165

Delta R.T. -0.02 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

Instrument :

BNA_G

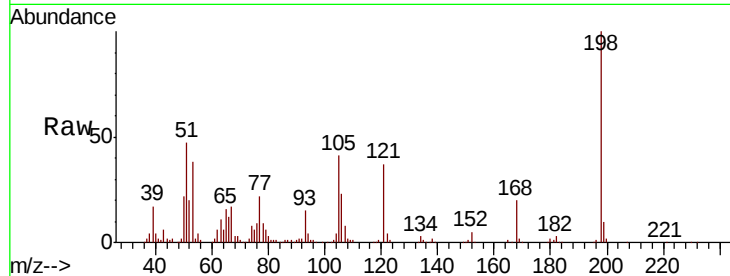
ClientSampleId :

PB118645BSD

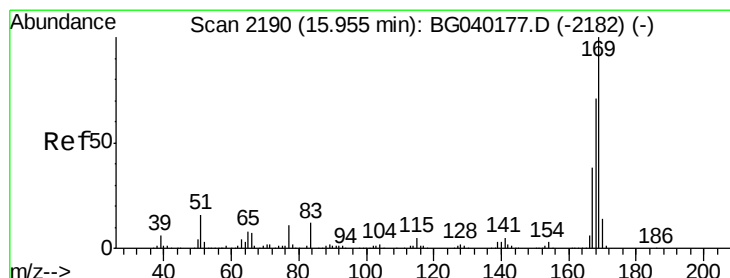
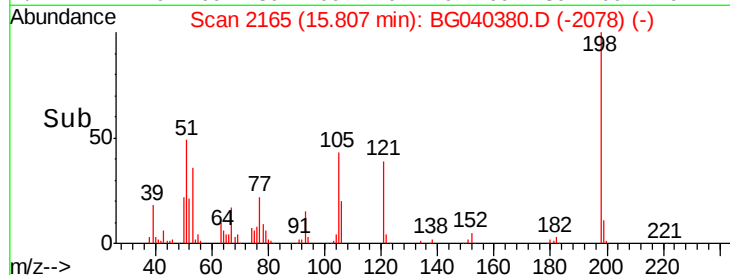
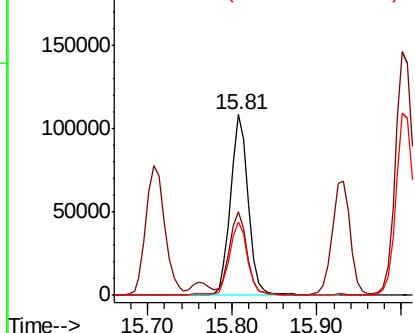
Tot Ion:	198	Resp:	155749
Ion Ratio	Lower	Upper	
198	100		
51	46.6	27.3	67.3
105	40.9	21.7	61.7

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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: 41.258 ng

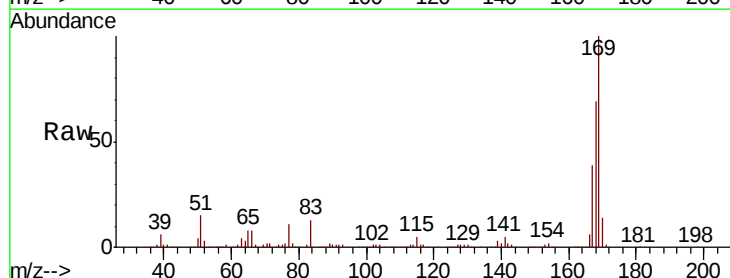
RT: 15.93 min Scan# 2186

Delta R.T. -0.02 min

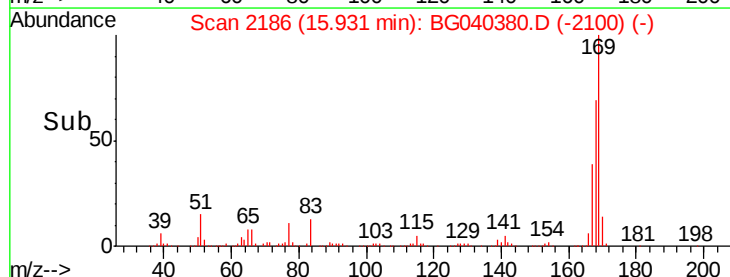
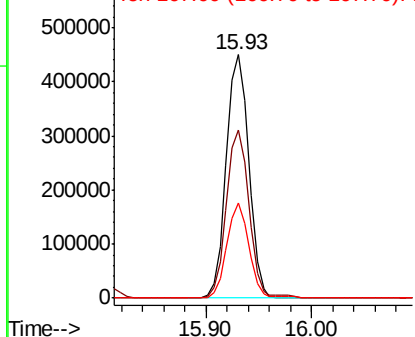
Lab File: BG040380.D

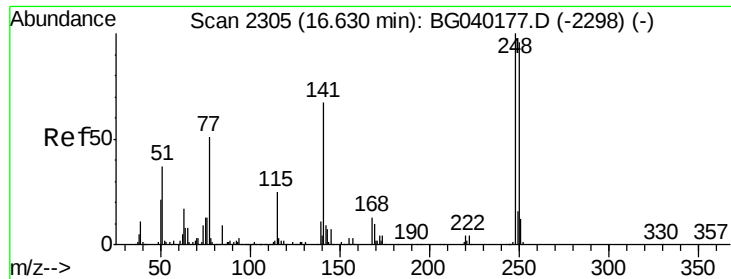
Acq: 5 Apr 2019 17:05

Tgt Ion:	169	Resp:	661733
Ion Ratio	Lower	Upper	
169	100		
168	69.2	56.8	85.2
167	38.9	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





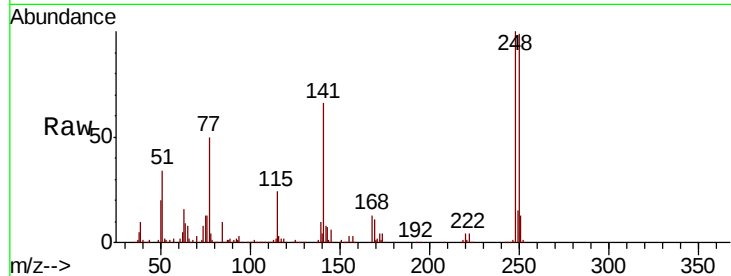
#67
4-Bromophenyl-phenylether
Concen: 41.383 ng
RT: 16.61 min Scan# 2301
Delta R.T. -0.02 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

Instrument :
BNA_G
ClientSampleId :
PB118645BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.1	76.4	114.6
141	65.9	53.8	80.8

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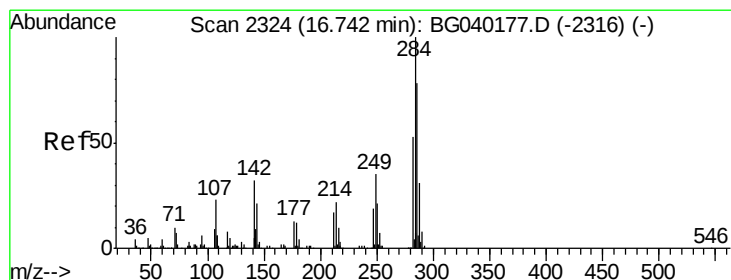
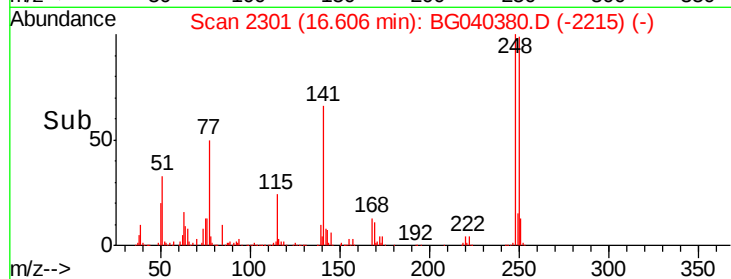
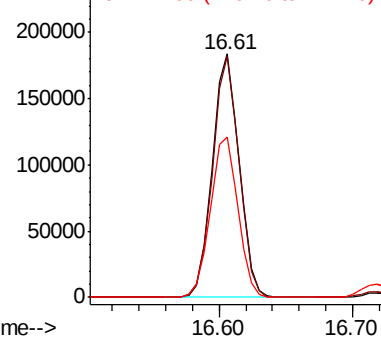


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 42.251 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.02 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

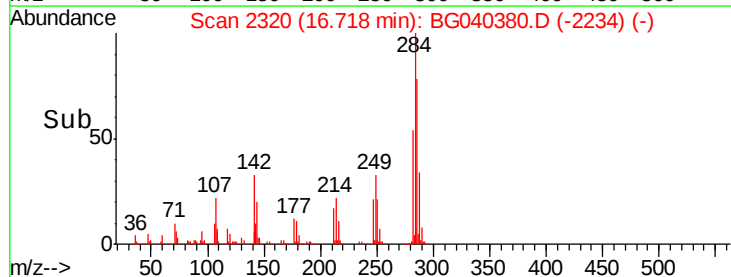
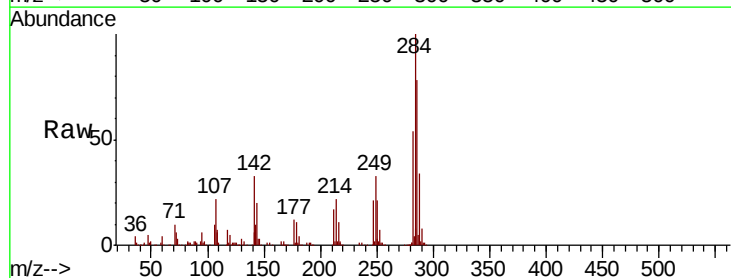
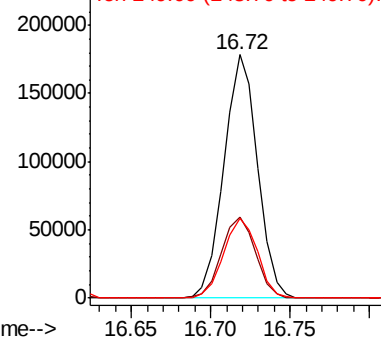
Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.4	25.3	37.9
249	32.6	28.2	42.2

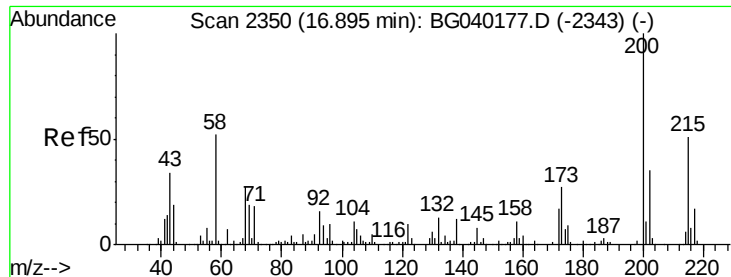
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





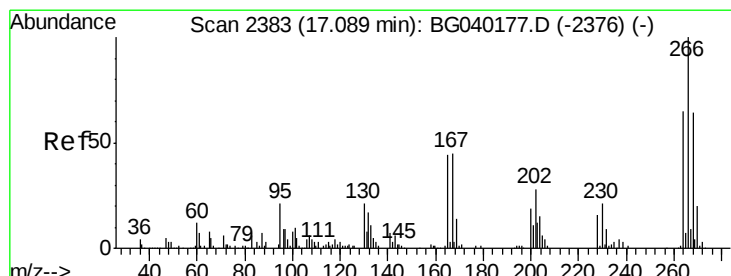
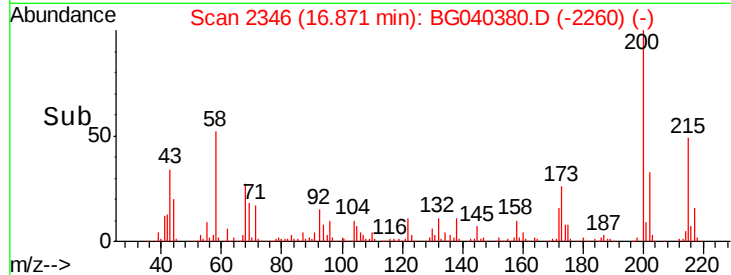
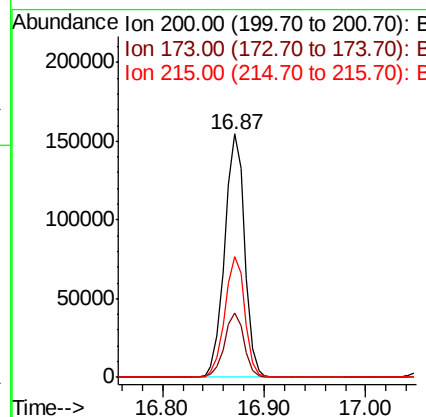
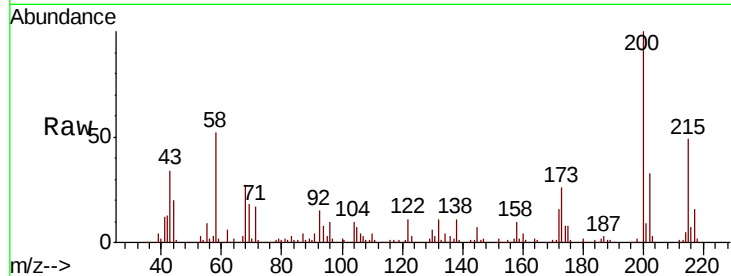
#69
 Atrazine
 Concen: 35.484 ng
 RT: 16.87 min Scan# 2346
 Delta R.T. -0.02 min
 Lab File: BG040380.D
 Acq: 5 Apr 2019 17:05

Instrument :
 BNA_G
 ClientSampleId :
 PB118645BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.3	7.1	47.1
215	49.4	30.9	70.9

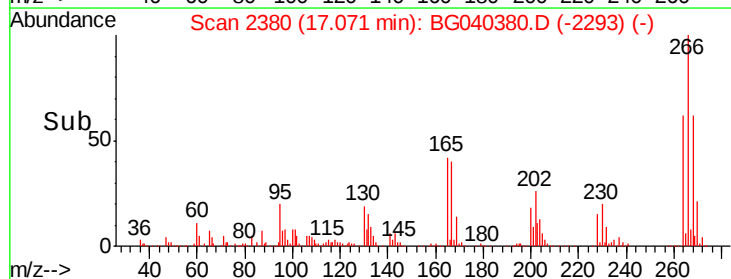
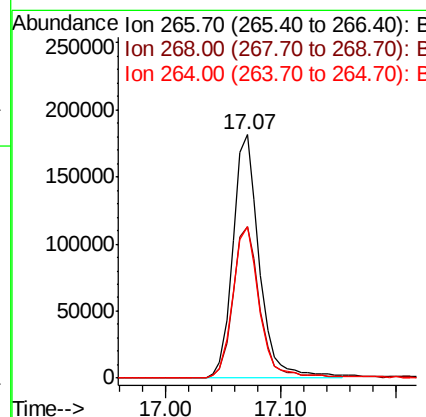
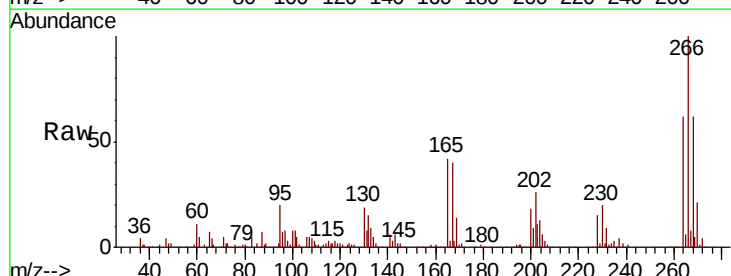
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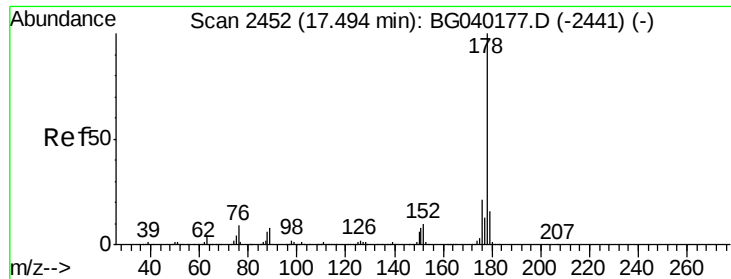
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#70
 Pentachlorophenol
 Concen: 80.244 ng
 RT: 17.07 min Scan# 2380
 Delta R.T. -0.02 min
 Lab File: BG040380.D
 Acq: 5 Apr 2019 17:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.2	55.0	82.4
264	62.1	51.8	77.8





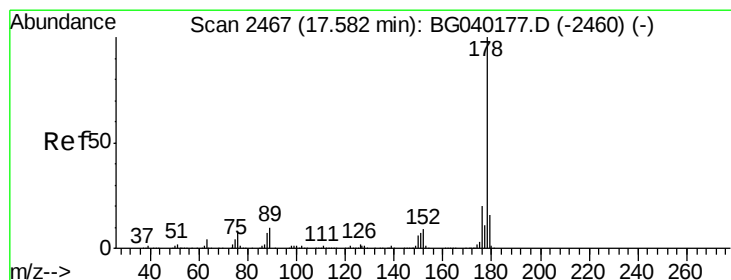
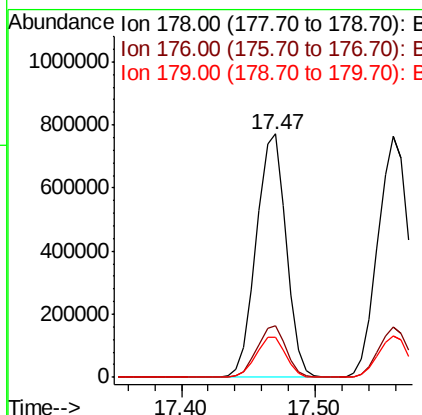
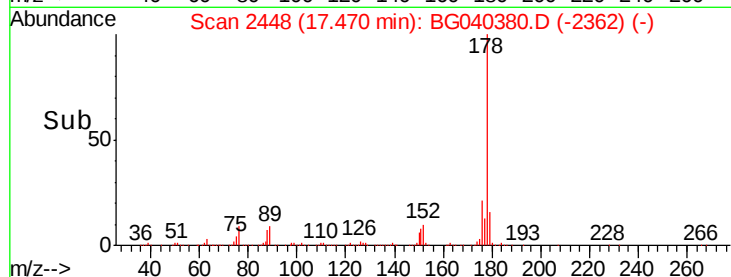
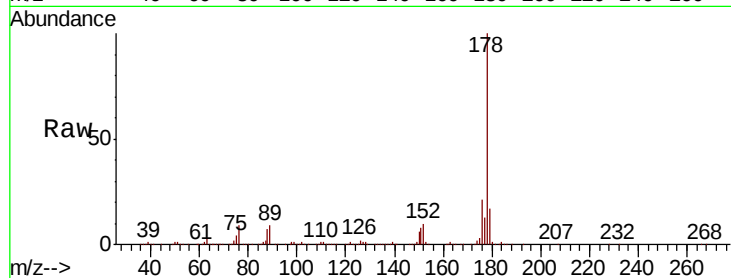
#71
Phenanthrene
Concen: 41.254 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.02 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

Instrument :
BNA_G
ClientSampleId :
PB118645BSD

Tot Ion:178 Resp: 1188479
Ion Ratio Lower Upper
178 100
176 21.3 16.7 25.1
179 16.5 12.8 19.2

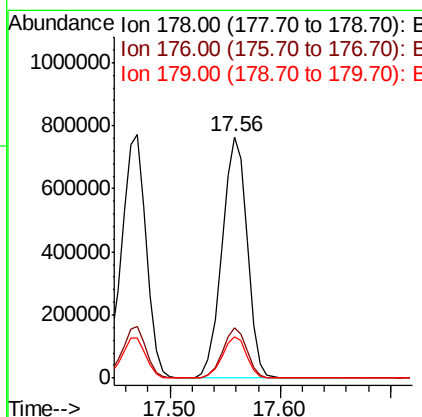
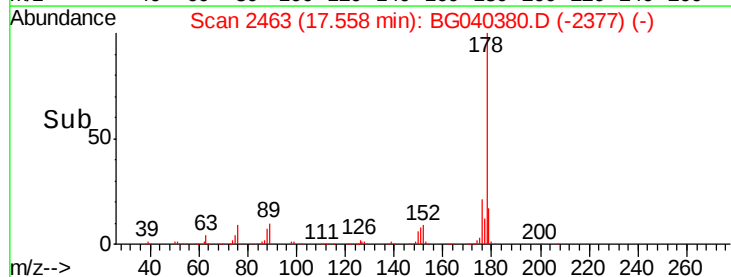
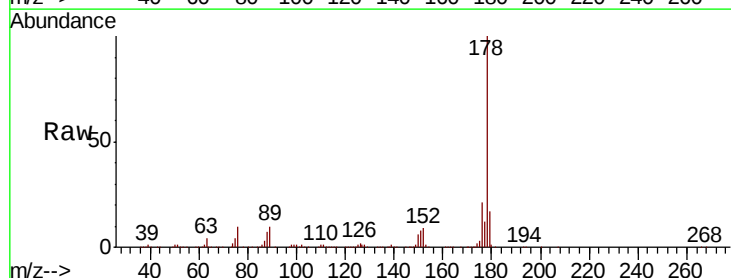
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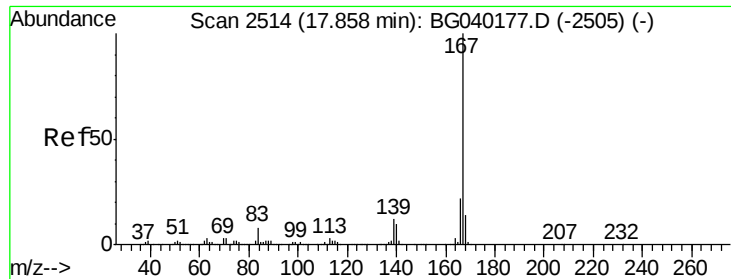
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#72
Anthracene
Concen: 42.032 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

Tgt Ion:178 Resp: 1212018
Ion Ratio Lower Upper
178 100
176 20.7 15.9 23.9
179 17.3 12.9 19.3





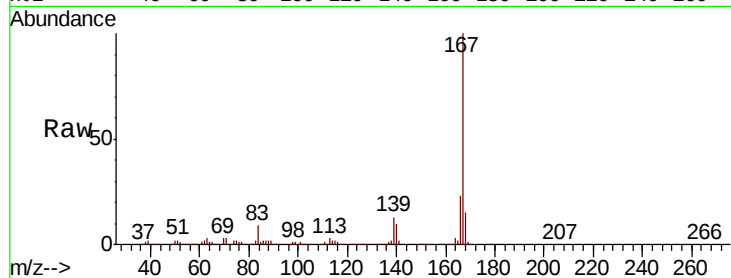
#73
 Carbazole
 Concen: 42.764 ng
 RT: 17.83 min Scan# 2510
 Delta R.T. -0.02 min
 Lab File: BG040380.D
 Acq: 5 Apr 2019 17:05

Instrument :
 BNA_G
 ClientSampleId :
 PB118645BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.5	26.3
139	12.7	10.0	15.0

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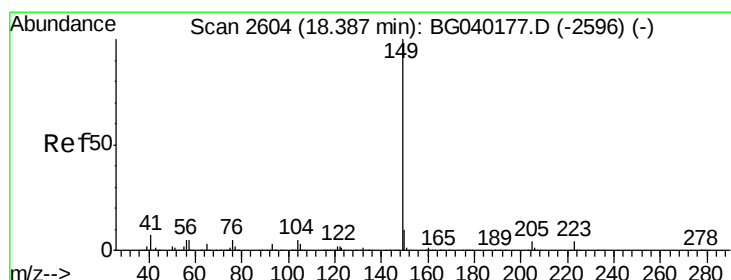
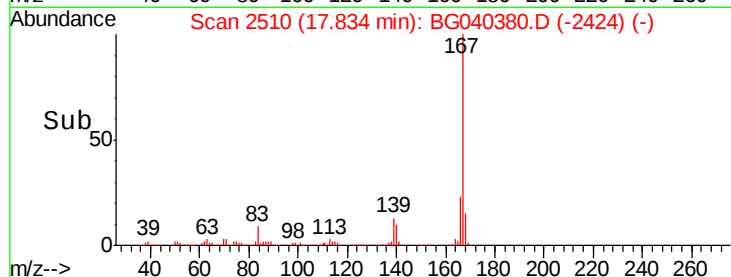
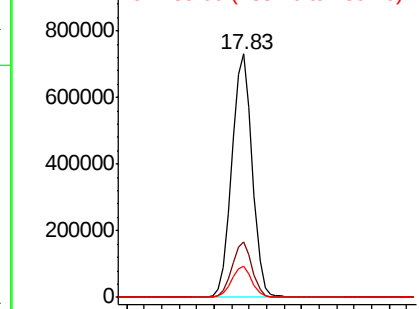


Abundance

Ion 167.00 (166.70 to 167.70): E

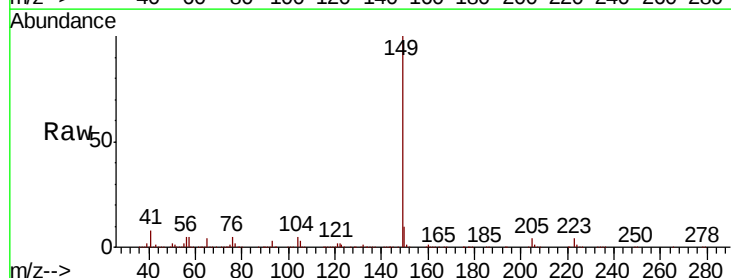
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 41.526 ng
 RT: 18.36 min Scan# 2600
 Delta R.T. -0.02 min
 Lab File: BG040380.D
 Acq: 5 Apr 2019 17:05

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	7.9	11.9
104	5.5	4.1	6.1

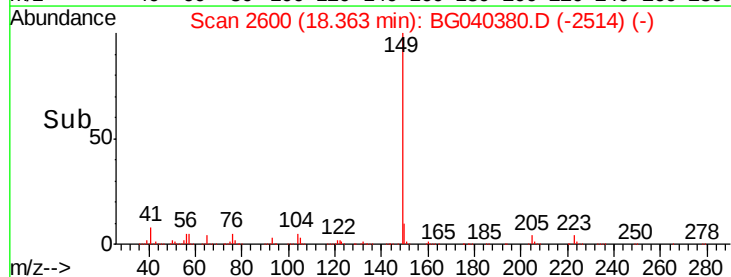
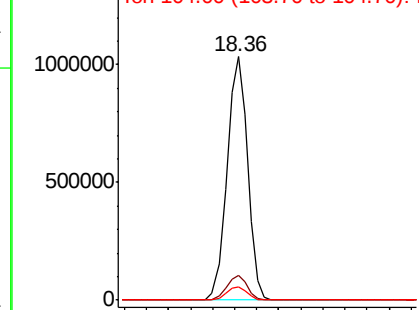


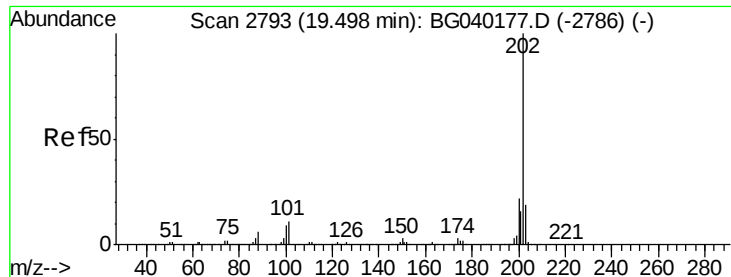
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.023 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.02 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

Instrument :

BNA_G

ClientSampleId :

PB118645BSD

Tot Ion:202 Resp: 1501790

Ion Ratio Lower Upper

202 100

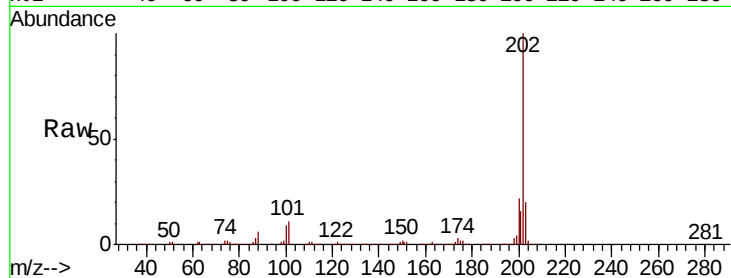
101 11.4 0.0 30.8

203 19.7 0.0 38.9

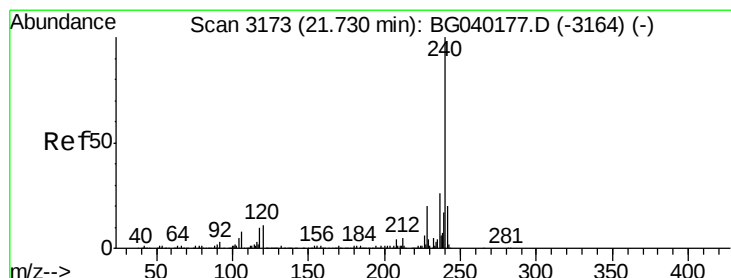
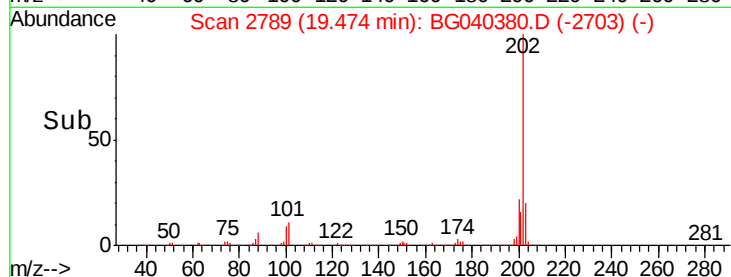
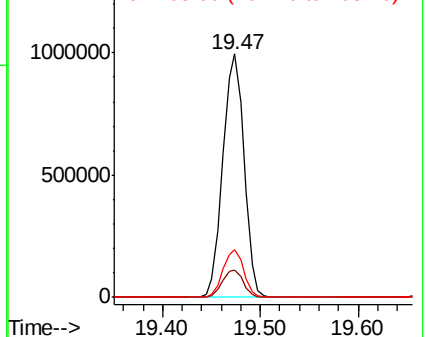
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.03 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

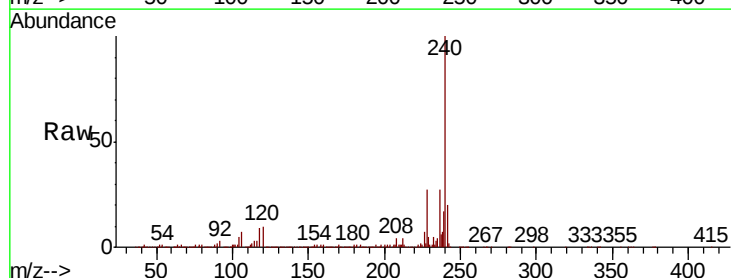
Tgt Ion:240 Resp: 598787

Ion Ratio Lower Upper

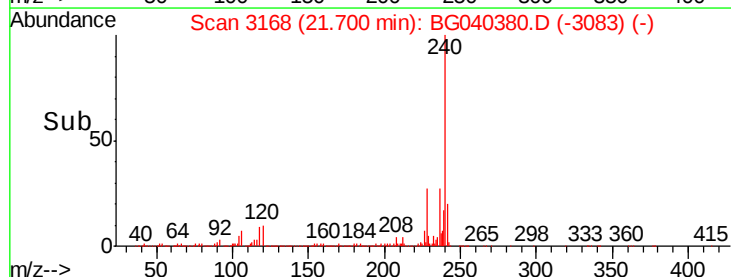
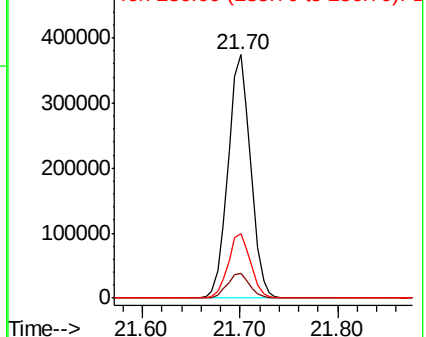
240 100

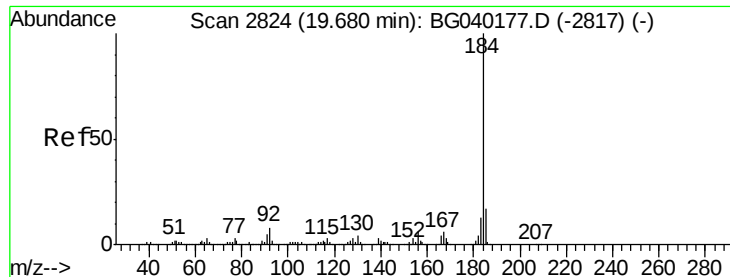
120 10.1 8.4 12.6

236 26.7 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: 42.513 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.02 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

Instrument :

BNA_G

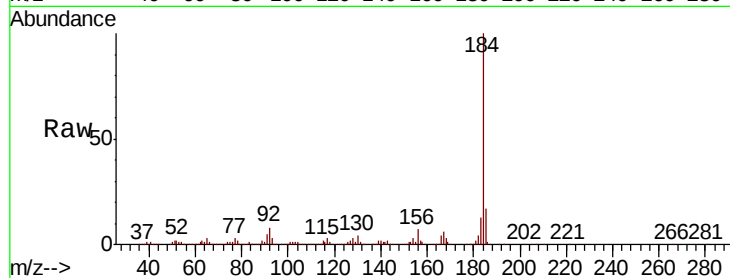
ClientSampleId :

PB118645BSD

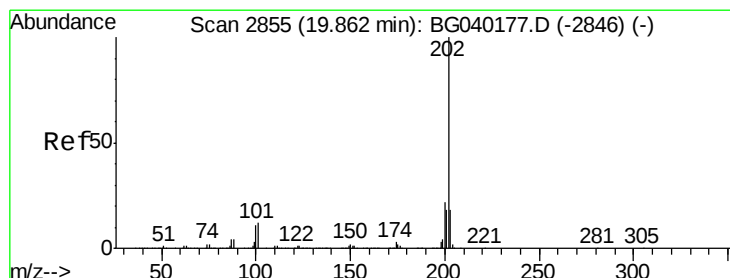
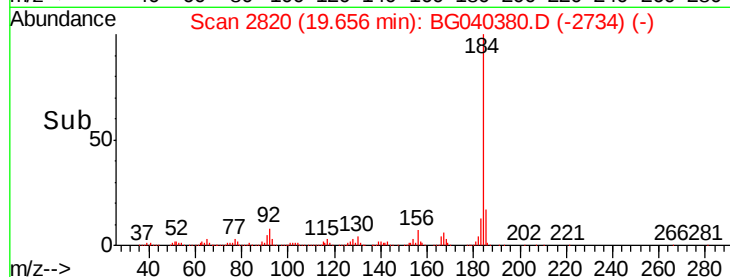
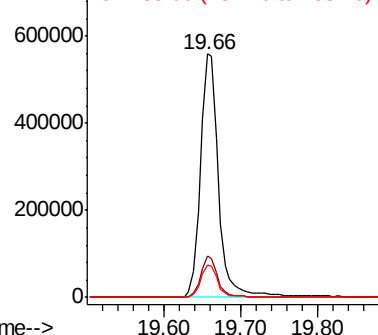
Tot Ion:	184	Resp:	919259
Ion Ratio	Lower	Upper	
184	100		
185	16.8	13.3	19.9
183	13.4	10.3	15.5

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



#78

Pyrene

Concen: 37.827 ng

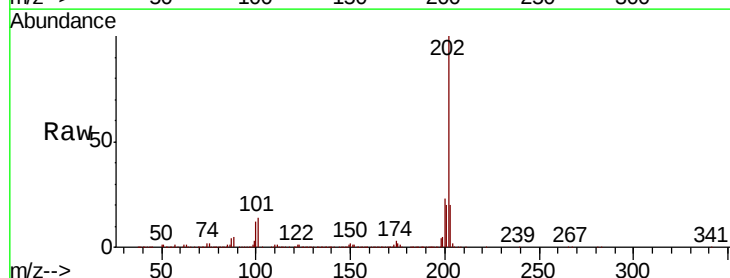
RT: 19.84 min Scan# 2851

Delta R.T. -0.02 min

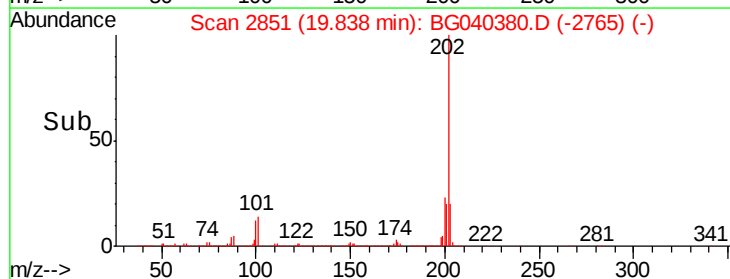
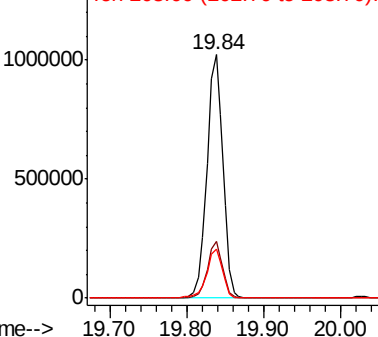
Lab File: BG040380.D

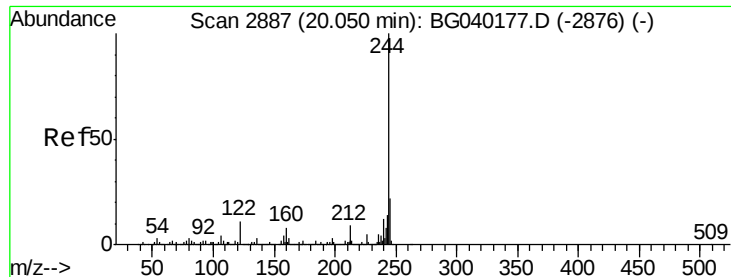
Acq: 5 Apr 2019 17:05

Tgt Ion:	202	Resp:	1489505
Ion Ratio	Lower	Upper	
202	100		
200	23.4	17.3	25.9
203	20.0	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: 74.408 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.02 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

Instrument :

BNA_G

ClientSampleId :

PB118645BSD

Tot Ion:244 Resp: 1980498

Ion Ratio Lower Upper

244 100

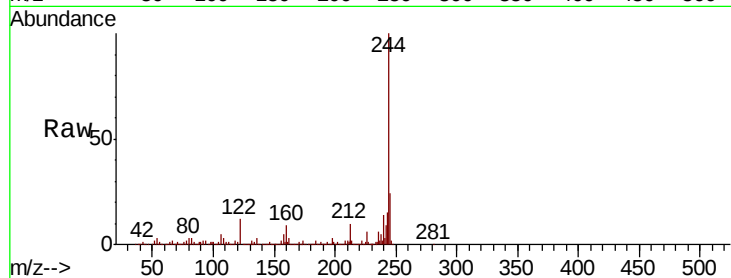
212 10.0 7.0 10.6

122 12.1 8.5 12.7

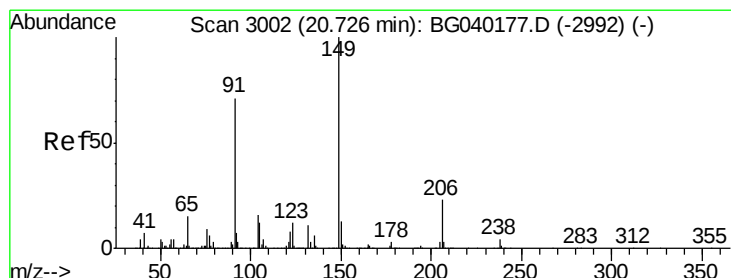
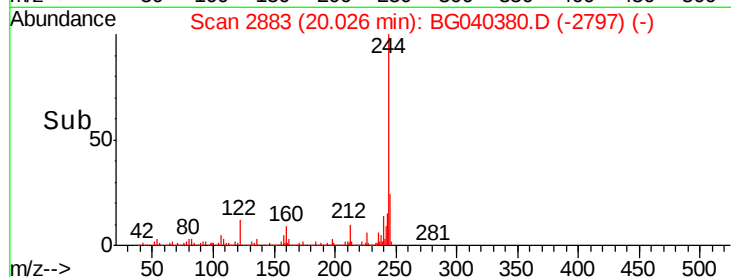
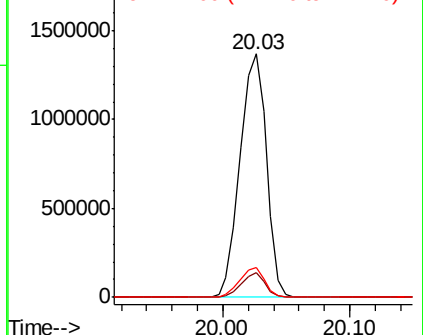
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.130 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.02 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

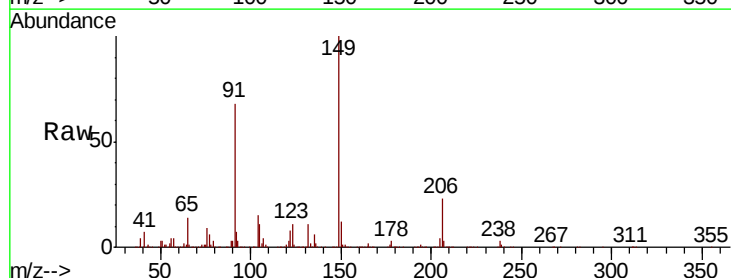
Tgt Ion:149 Resp: 693041

Ion Ratio Lower Upper

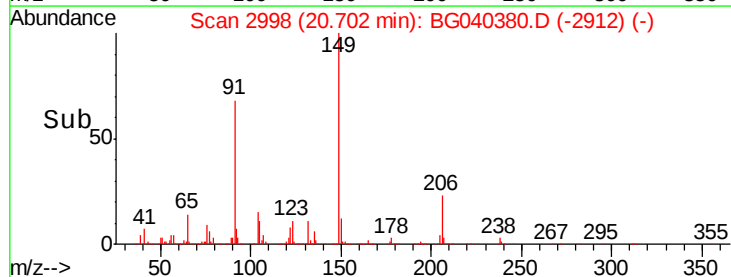
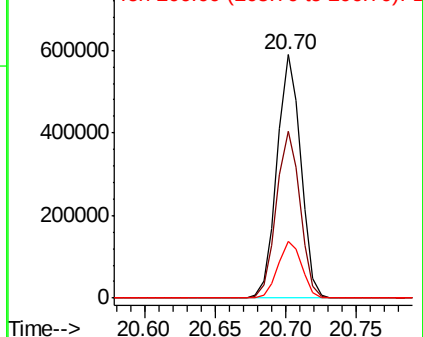
149 100

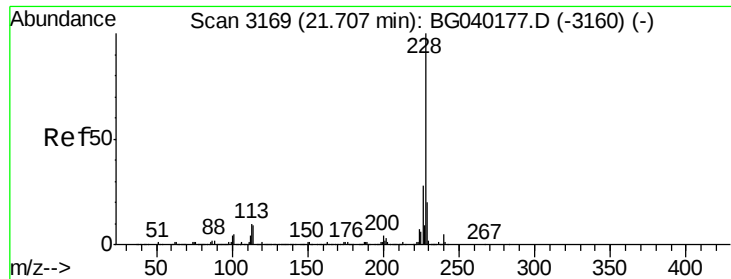
91 68.4 57.0 85.4

206 23.3 18.2 27.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.620 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.03 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

Instrument :

BNA_G

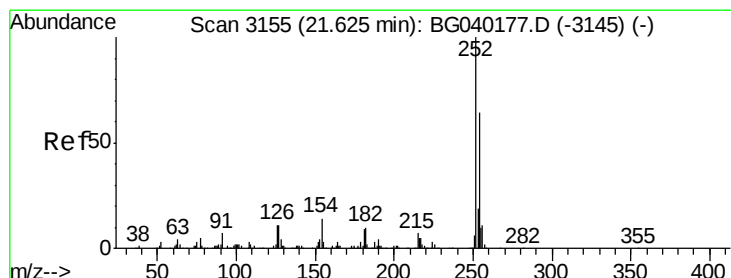
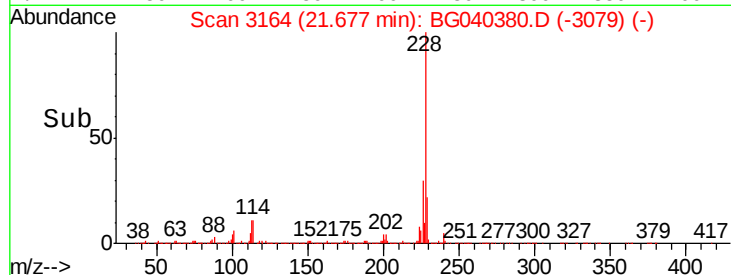
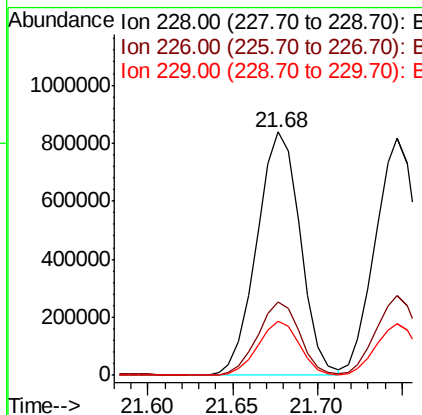
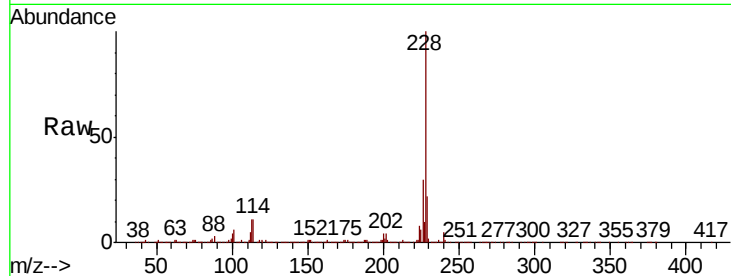
ClientSampleId :

PB118645BSD

Tot Ion:	228	Resp:	1498142
Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.6	34.0
229	22.5	16.1	24.1

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 41.311 ng

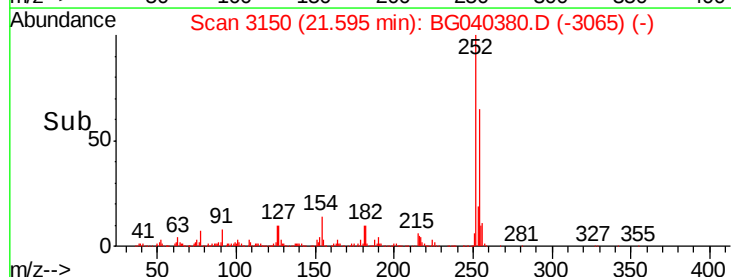
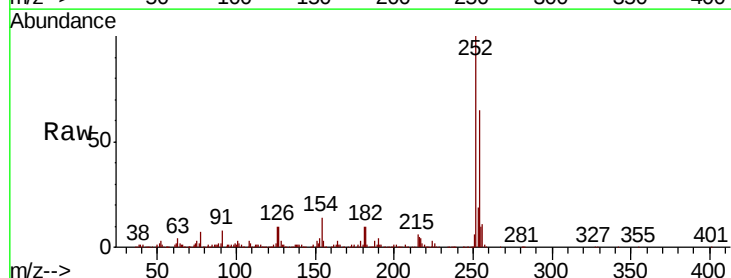
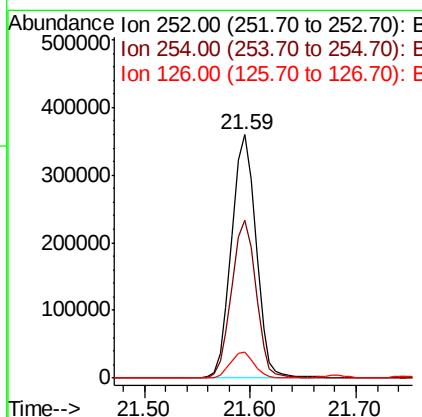
RT: 21.59 min Scan# 3150

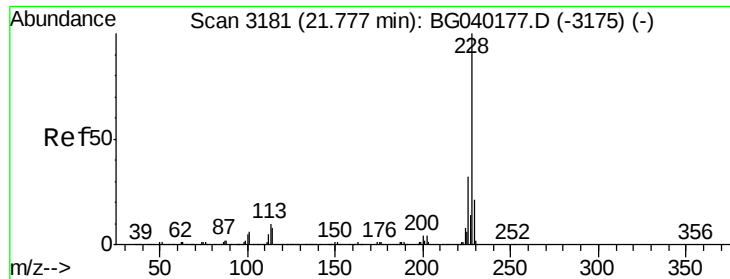
Delta R.T. -0.03 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

Tgt Ion:	252	Resp:	579596
Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.4	77.2
126	10.5	8.5	12.7





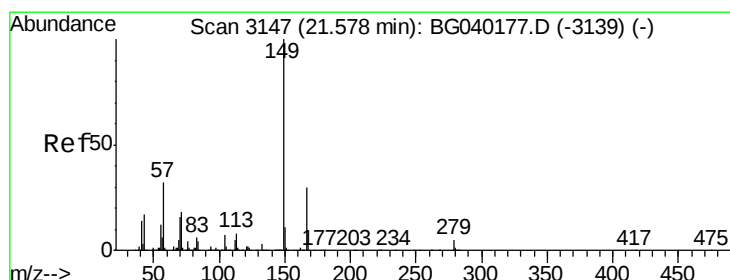
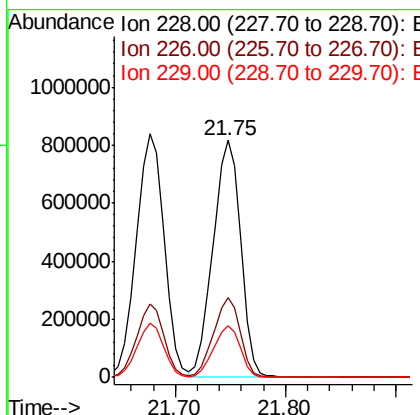
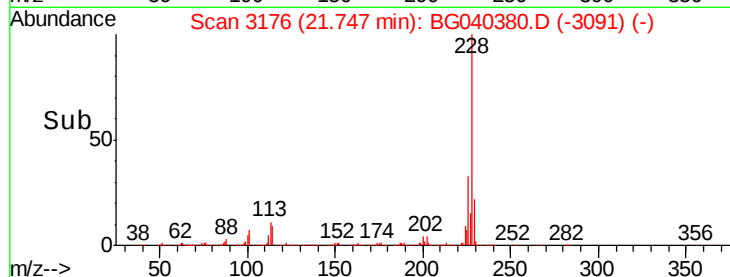
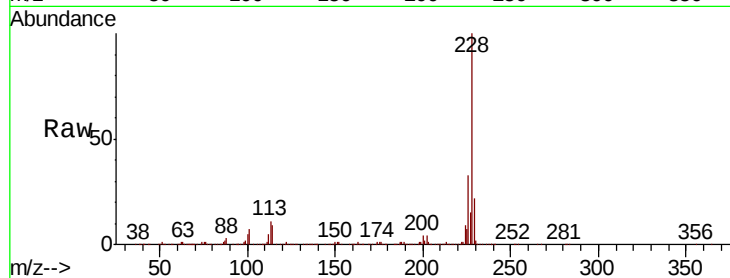
#83
Chrysene
Concen: 39.862 ng
RT: 21.75 min Scan# 3176
Delta R.T. -0.03 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

Instrument :
BNA_G
ClientSampleId :
PB118645BSD

Tot Ion: 228 Resp: 1412952
Ion Ratio Lower Upper
228 100
226 33.5 25.4 38.0
229 21.9 17.0 25.4

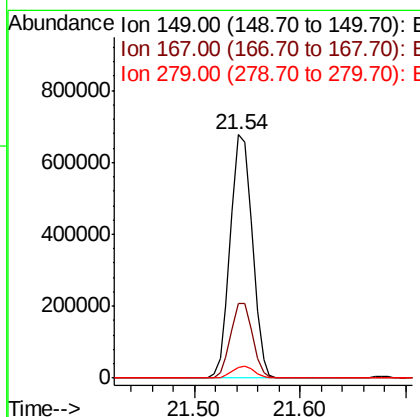
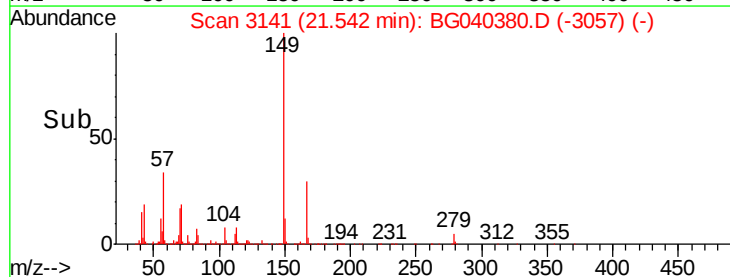
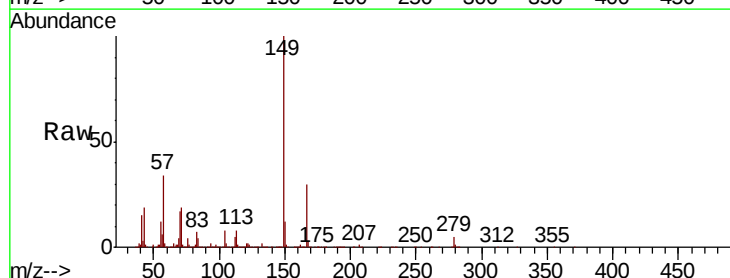
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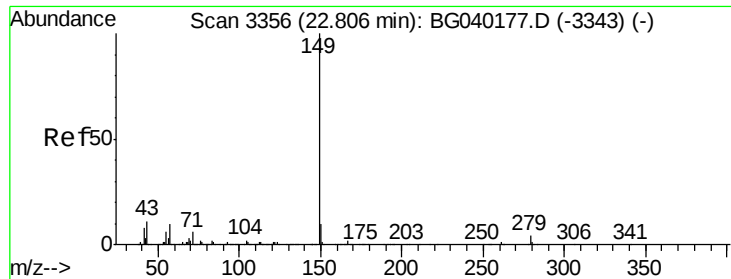
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#84
Bis(2-ethylhexyl)phthalate
Concen: 40.386 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.04 min
Lab File: BG040380.D
Acq: 5 Apr 2019 17:05

Tgt Ion: 149 Resp: 972751
Ion Ratio Lower Upper
149 100
167 30.4 24.1 36.1
279 4.6 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 41.278 ng

RT: 22.76 min Scan# 3349

Delta R.T. -0.04 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

Instrument :

BNA_G

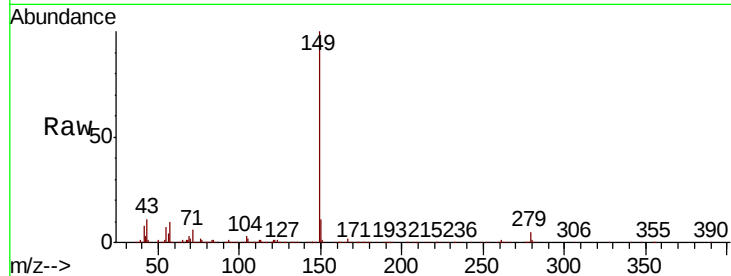
ClientSampleId :

PB118645BSD

Tot Ion:	149	Resp:	1693944
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	10.8	8.7	13.1

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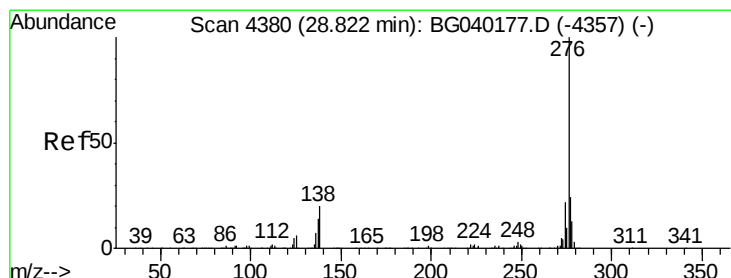
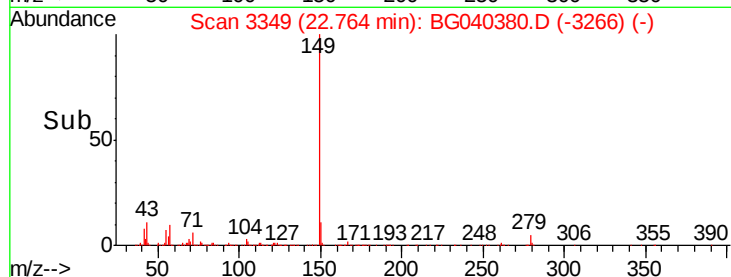
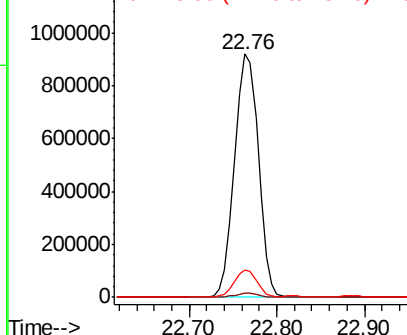


Abundance

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: 42.240 ng

RT: 28.75 min Scan# 4367

Delta R.T. -0.08 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

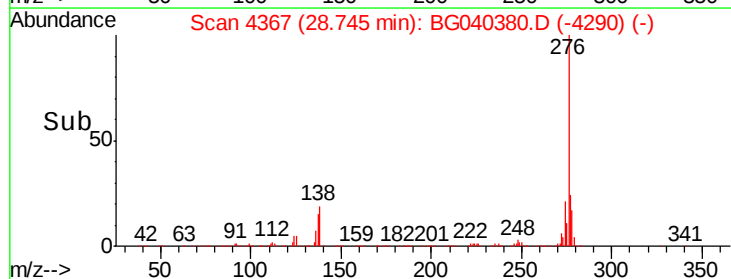
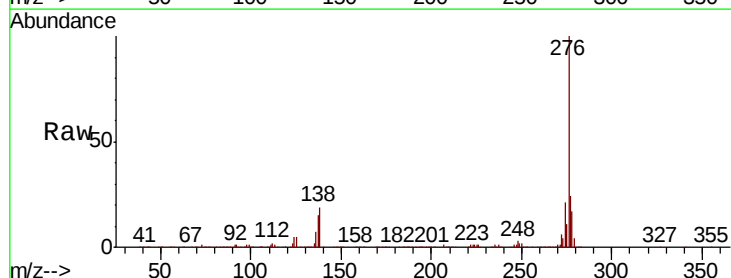
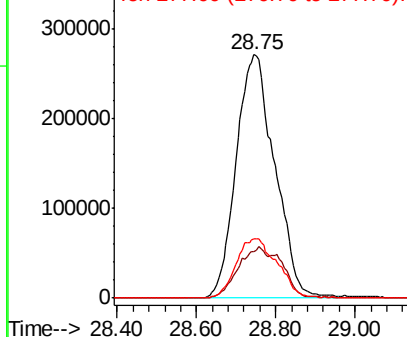
Tgt Ion:	276	Resp:	1831220
Ion	Ratio	Lower	Upper
276	100		
138	15.3	18.8	28.2#
277	25.9	21.0	31.4

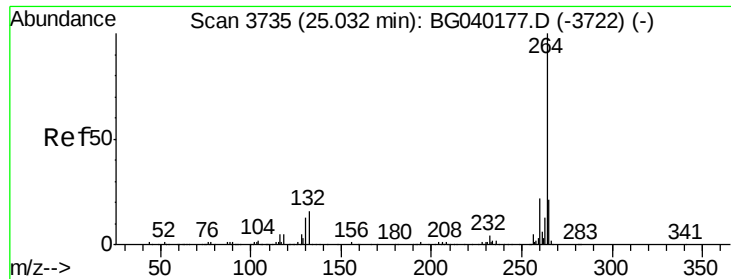
Abundance

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: 24.97 min Scan# 3725

Delta R.T. -0.06 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

Instrument :

BNA_G

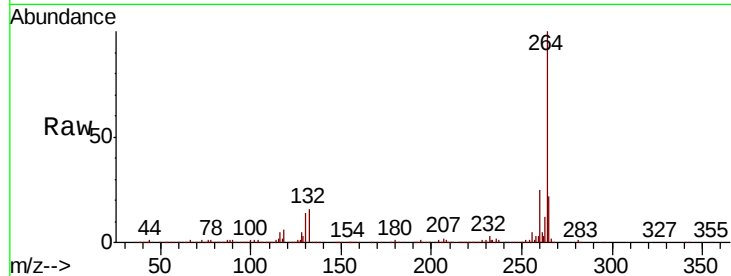
ClientSampleId :

PB118645BSD

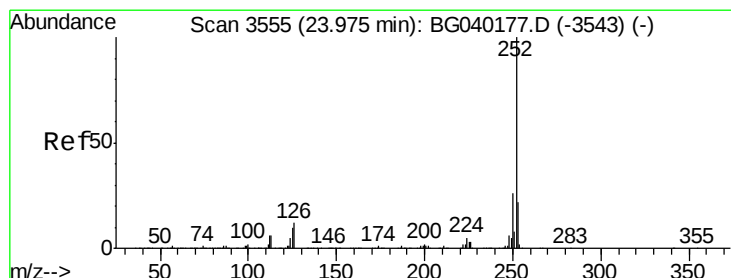
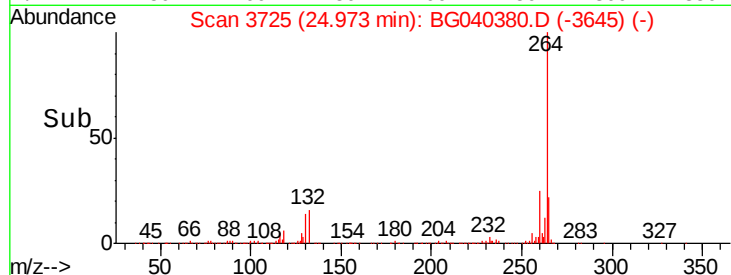
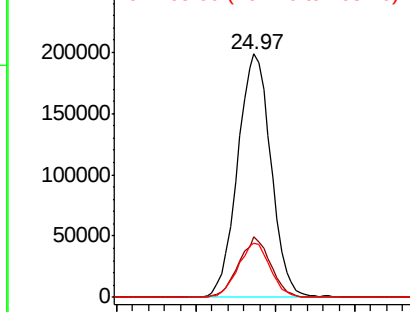
Tot Ion:	264	Resp:	580402
Ion Ratio	Lower	Upper	
264	100		
260	24.6	17.9	26.9
265	22.4	16.8	25.2

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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: 44.226 ng

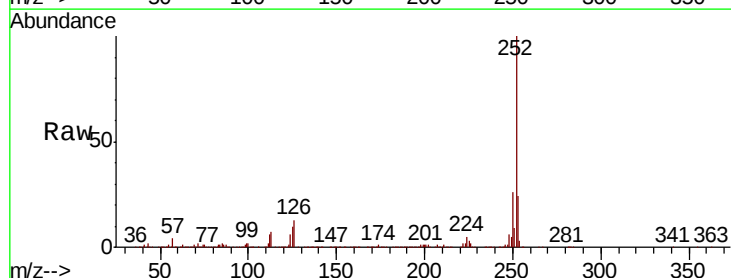
RT: 23.93 min Scan# 3547

Delta R.T. -0.05 min

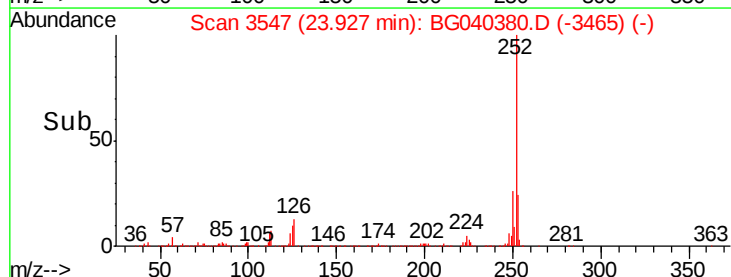
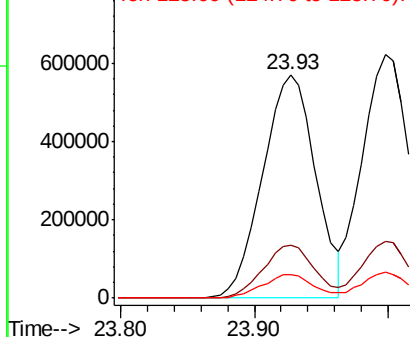
Lab File: BG040380.D

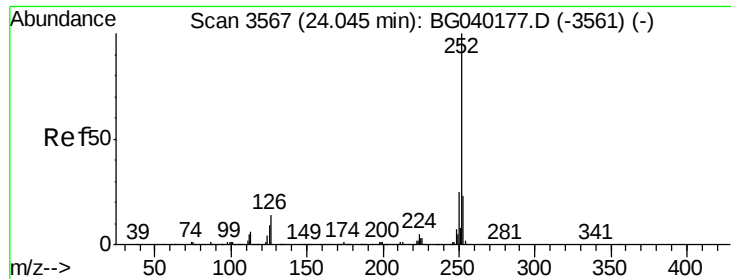
Acq: 5 Apr 2019 17:05

Tgt Ion:	252	Resp:	1571546
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.6	26.4
125	10.5	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: 46.261 ng

RT: 24.00 min Scan# 3559

Delta R.T. -0.05 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

Instrument :

BNA_G

ClientSampleId :

PB118645BSD

Tot Ion:252 Resp: 1511720

Ion Ratio Lower Upper

252 100

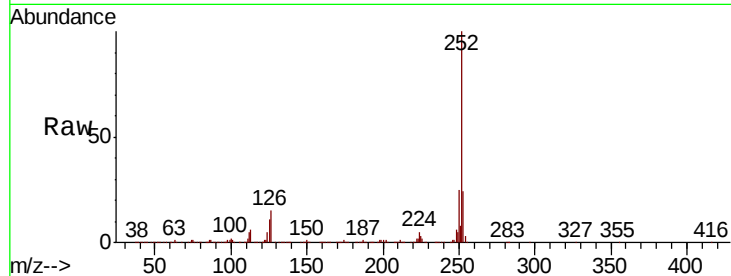
253 23.5 18.6 28.0

125 10.9 7.3 10.9

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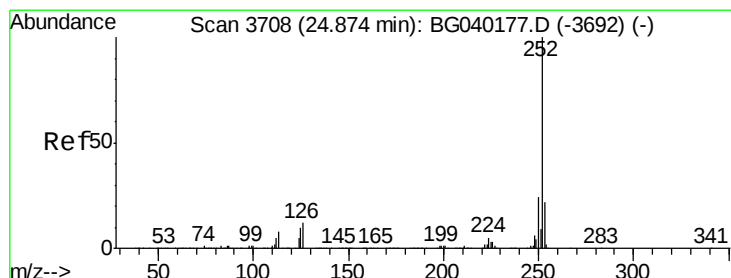
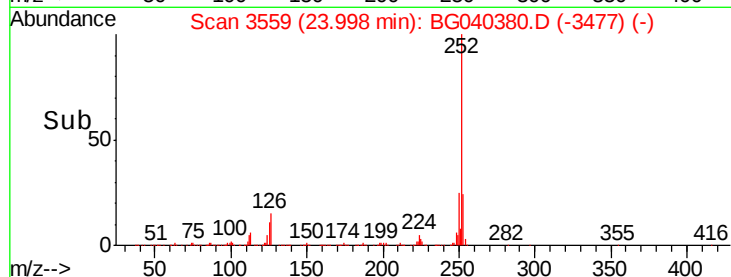
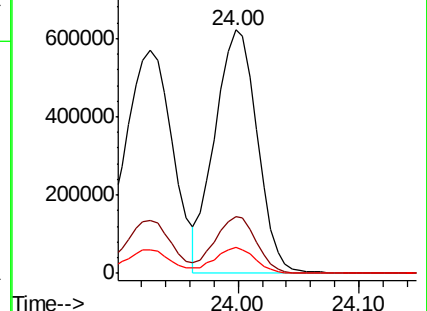
4/8/2019 10:02:05 AM



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



#90

Benzo(a)pyrene

Concen: 46.764 ng

RT: 24.83 min Scan# 3700

Delta R.T. -0.05 min

Lab File: BG040380.D

Acq: 5 Apr 2019 17:05

Tgt Ion:252 Resp: 1559140

Ion Ratio Lower Upper

252 100

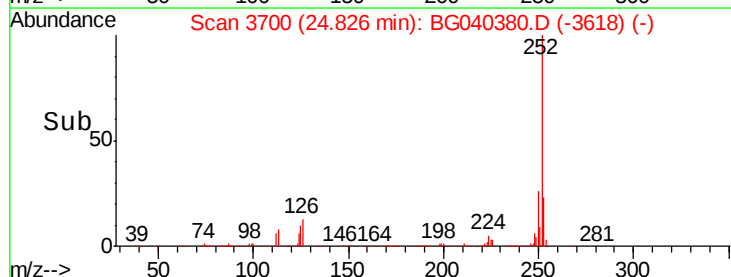
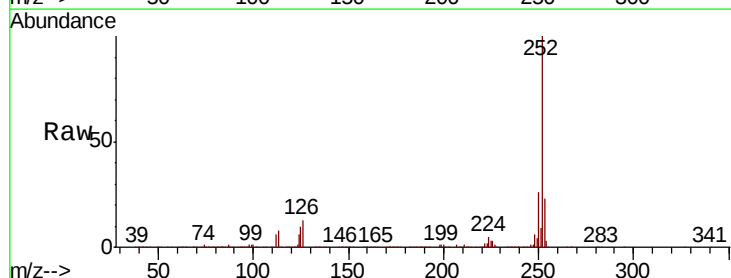
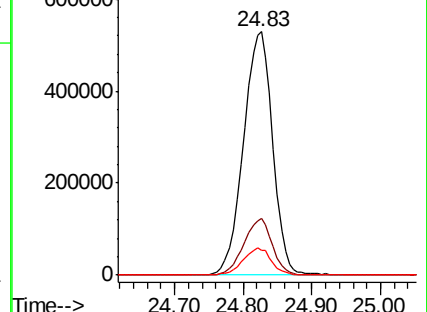
253 23.1 17.8 26.8

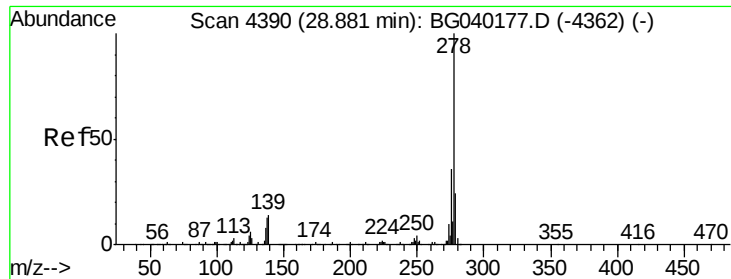
125 10.4 8.3 12.5

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





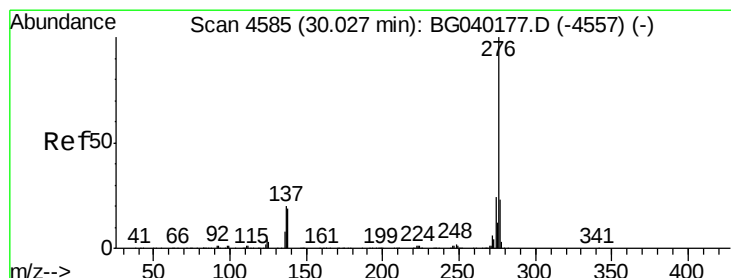
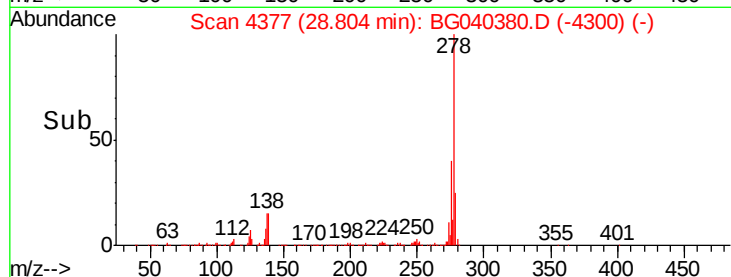
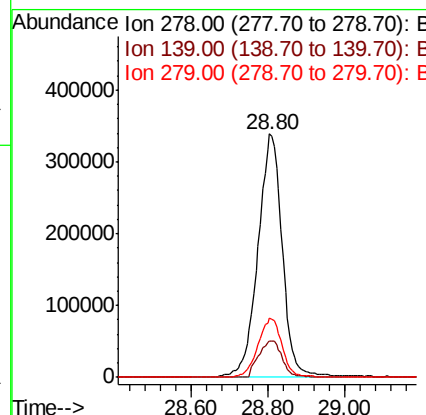
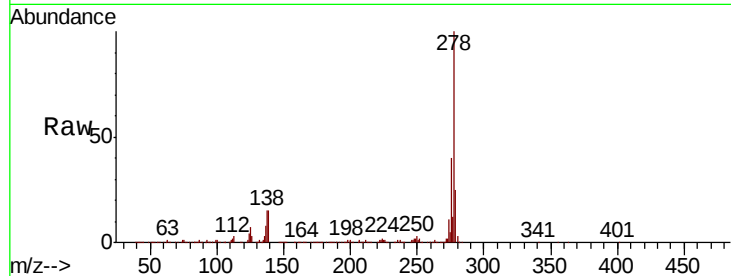
#91
 Dibenzo(a,h)anthracene
 Concen: 48.139 ng
 RT: 28.80 min Scan# 4377
 Delta R.T. -0.08 min
 Lab File: BG040380.D
 Acq: 5 Apr 2019 17:05

Instrument :
 BNA_G
 ClientSampleId :
 PB118645BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.9	11.2	16.8
279	24.6	18.9	28.3

Manual Integrations
 APPROVED

Sohil
 4/8/2019 10:02:05 AM



#92
 Benzo(g,h,i)perylene
 Concen: 48.369 ng
 RT: 29.93 min Scan# 4569
 Delta R.T. -0.09 min
 Lab File: BG040380.D
 Acq: 5 Apr 2019 17:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.6	28.0
138	21.1	15.2	22.8

