

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
 Data File : BG042988.D
 Acq On : 2 Oct 2019 17:10
 Operator : JU
 Sample : PB123559BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123559BSD

Manual Integrations
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mohammad
 10/4/2019 8:17:49 AM

Quant Time: Oct 03 05:21:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	65307	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	262064	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	190641	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	455136	20.00	ng	0.00
76) Chrysene-d12	21.71	240	508110	20.00	ng	0.00
87) Perylene-d12	24.93	264	524233	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	444974	121.60	ng	0.00
7) Phenol-d6	7.24	99	598307	113.54	ng	0.00
23) Nitrobenzene-d5	9.23	82	355133	65.87	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	368564	112.43	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	879175	66.86	ng	0.00
79) Terphenyl-d14	20.04	244	1688752	70.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	58204	38.148	ng	96
3) Pyridine	3.95	79	139238	32.447	ng	97
4) n-Nitrosodimethylamine	3.86	42	88273	42.776	ng	87
6) Aniline	7.39	93	204142	32.091	ng	98
8) 2-Chlorophenol	7.64	128	185523	48.613	ng	99
9) Benzaldehyde	7.21	77	99313	30.841	ng	95
10) Phenol	7.27	94	231969	47.978	ng	96
11) bis(2-Chloroethyl)ether	7.49	93	161475	43.165	ng	94
12) 1,3-Dichlorobenzene	7.96	146	202491	41.593	ng	98
13) 1,4-Dichlorobenzene	8.11	146	206604	42.571	ng	99
14) 1,2-Dichlorobenzene	8.42	146	196444	42.516	ng	98
15) Benzyl Alcohol	8.31	79	177780	44.871	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	265500	36.956	ng	99
17) 2-Methylphenol	8.52	107	157254	46.483	ng	99
18) Hexachloroethane	9.16	117	75349	41.224	ng	97
19) n-Nitroso-di-n-propylamine	8.87	70	143204	41.385	ng	97
20) 3+4-Methylphenols	8.84	107	220362	47.532	ng	97
22) Acetophenone	8.89	105	271074	40.128	ng	97
24) Nitrobenzene	9.27	77	222659	43.295	ng	97
25) Isophorone	9.80	82	394029	41.605	ng	99
26) 2-Nitrophenol	9.98	139	105830	48.340	ng	99
27) 2,4-Dimethylphenol	10.04	122	173930	51.732	ng	96
28) bis(2-Chloroethoxy)methane	10.27	93	219173	40.789	ng	97
29) 2,4-Dichlorophenol	10.52	162	198649	47.507	ng	98
30) 1,2,4-Trichlorobenzene	10.74	180	219975	40.737	ng	99
31) Naphthalene	10.93	128	559165	43.345	ng	99
32) Benzoic acid	10.19	122	113828	44.237	ng	91
33) 4-Chloroaniline	11.03	127	154839	27.660	ng	97
34) Hexachlorobutadiene	11.21	225	157581	38.974	ng	94
35) Caprolactam	11.81	113	64826m	43.962	ng	
36) 4-Chloro-3-methylphenol	12.15	107	209963	46.181	ng	95
37) 2-Methylnaphthalene	12.52	142	423735	43.056	ng	94
38) 1-Methylnaphthalene	12.74	142	397924	42.731	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	281847	39.320	ng	98

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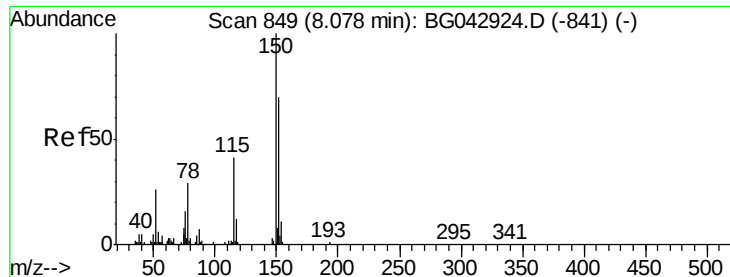
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	326600	71.511	ng	95
43) 2,4,6-Trichlorophenol	13.13	196	185812	44.289	ng	99
44) 2,4,5-Trichlorophenol	13.20	196	196640	45.498	ng	97
46) 1,1'-Biphenyl	13.52	154	570923	39.491	ng	97
47) 2-Chloronaphthalene	13.57	162	456713	42.135	ng	99
48) 2-Nitroaniline	13.77	65	152720	42.369	ng	91
49) Acenaphthylene	14.42	152	731312	44.093	ng	99
50) Dimethylphthalate	14.15	163	581617	40.718	ng	99
51) 2,6-Dinitrotoluene	14.26	165	136006	44.711	ng	99
52) Acenaphthene	14.76	154	449878	40.524	ng	98
53) 3-Nitroaniline	14.59	138	102062	32.466	ng	99
54) 2,4-Dinitrophenol	14.79	184	162928	86.170	ng	96
55) Dibenzofuran	15.09	168	705378	42.952	ng	99
56) 4-Nitrophenol	14.91	139	220259	91.957	ng	98
57) 2,4-Dinitrotoluene	15.04	165	193399	43.416	ng	99
58) Fluorene	15.74	166	594125	42.375	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.31	232	205388m	44.633	ng	
60) Diethylphthalate	15.50	149	591561	40.694	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	342911	40.780	ng	100
62) 4-Nitroaniline	15.76	138	144176	42.052	ng	97
63) Azobenzene	16.02	77	544513	41.142	ng	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	120303	46.711	ng	96
66) n-Nitrosodiphenylamine	15.94	169	535961	44.608	ng	100
67) 4-Bromophenyl-phenylether	16.62	248	247080	43.253	ng	97
68) Hexachlorobenzene	16.74	284	265990	41.820	ng	96
69) Atrazine	16.89	200	203910	40.303	ng	94
70) Pentachlorophenol	17.08	266	341924	93.165	ng	99
71) Phenanthrene	17.48	178	965888	43.470	ng	97
72) Anthracene	17.57	178	988834	44.577	ng	99
73) Carbazole	17.84	167	904243	43.959	ng	100
74) Di-n-butylphthalate	18.39	149	1033851	42.125	ng	99
75) Fluoranthene	19.48	202	1267711	43.134	ng	100
77) Benzidine	19.66	184	429796	33.782	ng	99
78) Pyrene	19.84	202	1286985	42.437	ng	98
80) Butylbenzylphthalate	20.73	149	490498	42.610	ng	98
81) Benzo(a)anthracene	21.68	228	1330944	42.039	ng	98
82) 3,3'-Dichlorobenzidine	21.60	252	456312	36.748	ng	99
83) Chrysene	21.75	228	1303125	42.414	ng	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	708672	43.264	ng	99
85) Di-n-octyl phthalate	22.81	149	1191868	44.498	ng	98
86) Indeno(1,2,3-cd)pyrene	28.61	276	1687195	44.112	ng	# 98
88) Benzo(b)fluoranthene	23.91	252	1432141	48.281	ng	99
89) Benzo(k)fluoranthene	23.98	252	1396440	47.588	ng	99
90) Benzo(a)pyrene	24.78	252	1400243	50.035	ng	98
91) Dibenzo(a,h)anthracene	28.67	278	1428970	49.795	ng	98
92) Benzo(g,h,i)perylene	29.76	276	1375608	49.474	ng	97

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



#1

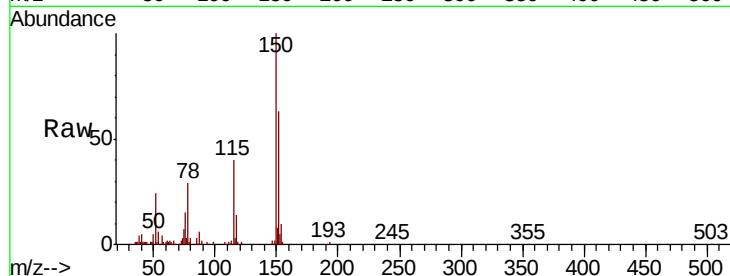
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Instrument :
BNA_G
ClientSampleId :
PB123559BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	115.0	172.4
115	64.0	47.0	70.6

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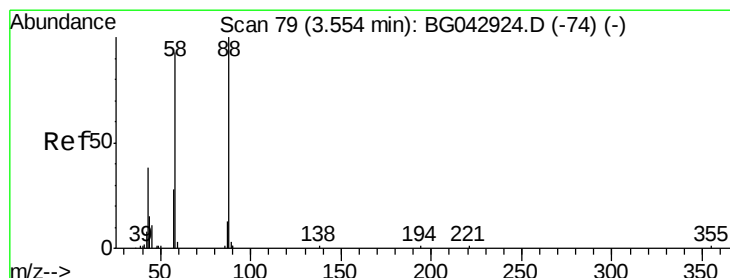
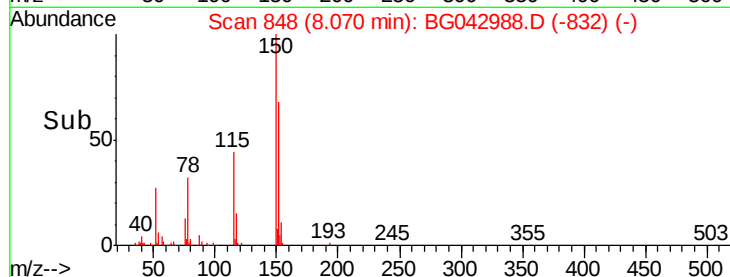
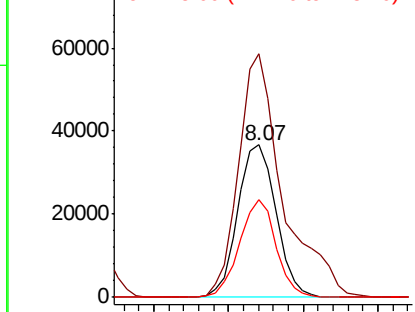


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

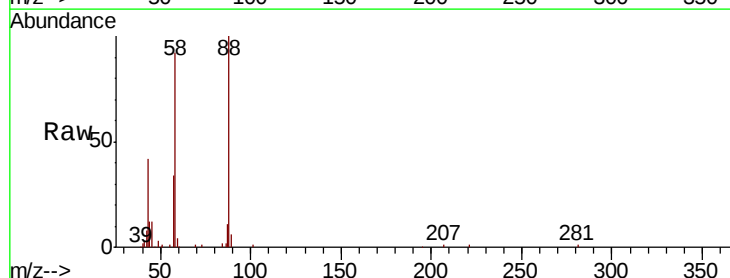
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.148 ng
RT: 3.55 min Scan# 78
Delta R.T. -0.01 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.7	74.3	111.5
43	32.5	29.8	44.8

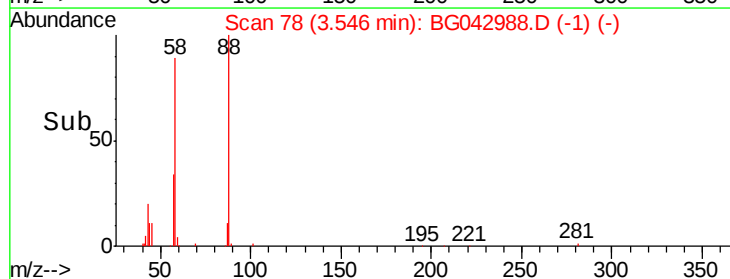
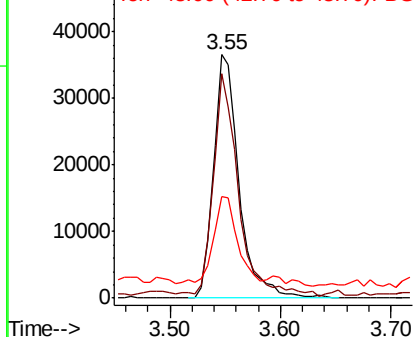


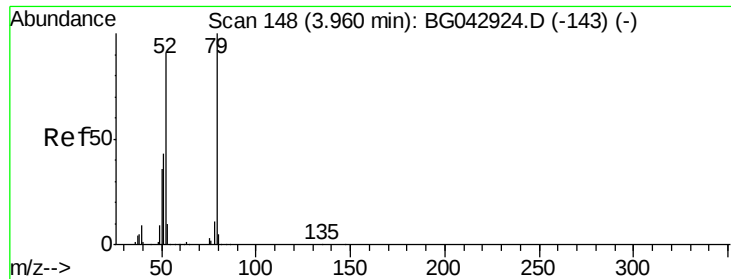
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





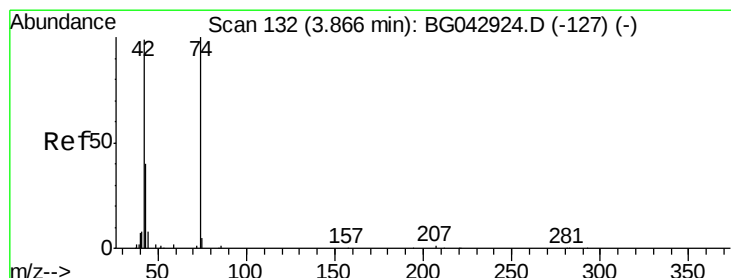
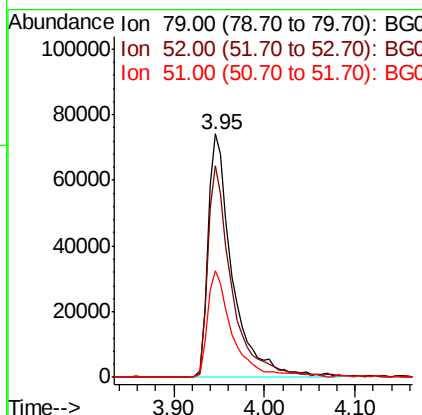
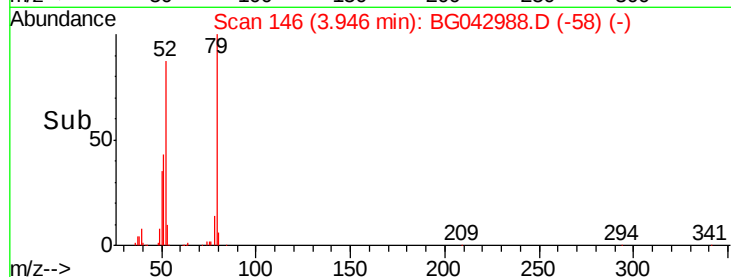
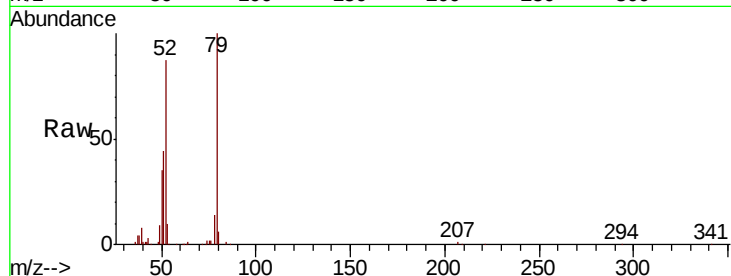
#3
 Pvridine
 Concen: 32.447 ng
 RT: 3.95 min Scan# 146
 Delta R.T. -0.01 min
 Lab File: BG042988.D
 Acq: 2 Oct 2019 17:10

Instrument :
 BNA_G
 ClientSampleId :
 PB123559BSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	86.9	73.0	109.4
51	44.0	35.1	52.7

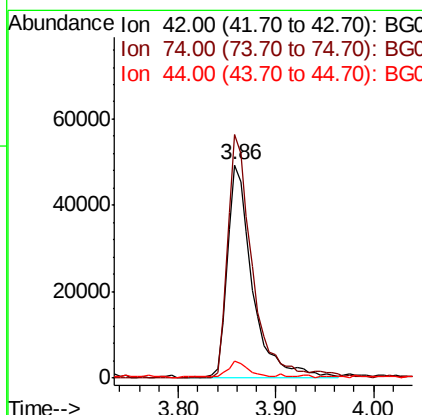
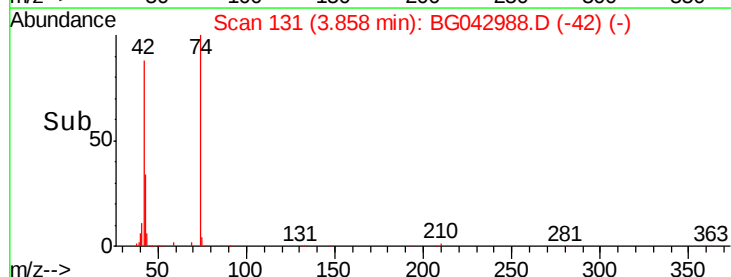
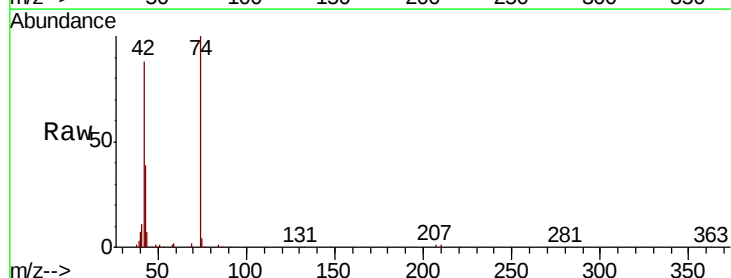
Manual Integrations
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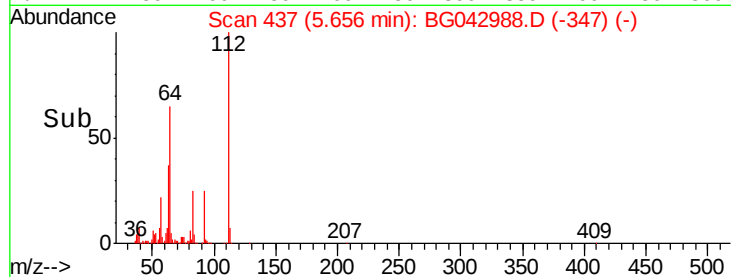
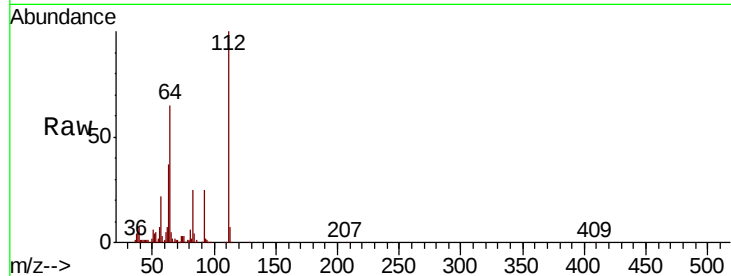
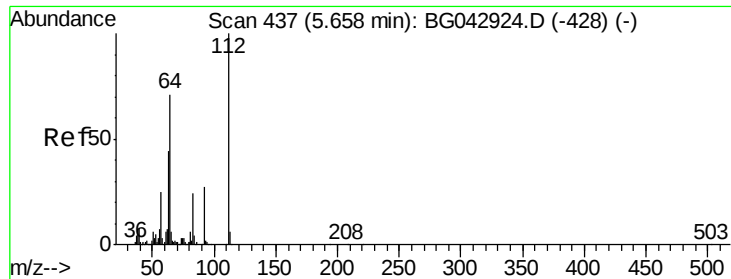
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#4
 n-Nitrosodimethylamine
 Concen: 42.776 ng
 RT: 3.86 min Scan# 131
 Delta R.T. -0.01 min
 Lab File: BG042988.D
 Acq: 2 Oct 2019 17:10

Tgt Ion	Ratio	Lower	Upper
42	100		
74	114.3	80.5	120.7
44	8.0	6.9	10.3





#5

2-Fluorophenol

Concen: 121.596 ng

RT: 5.66 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Tot Ion:	112	Resp:	444974
Ion Ratio	Lower	Upper	
112	100		
64	65.2	56.6	84.8
63	37.3	35.1	52.7

Instrument :

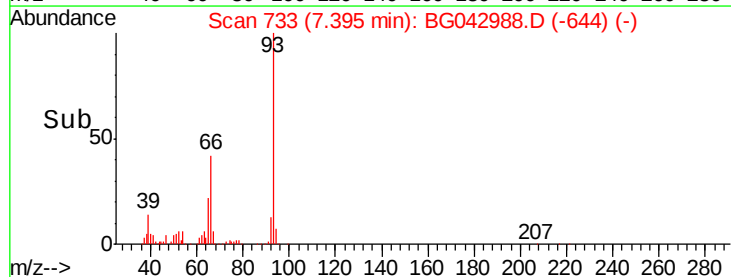
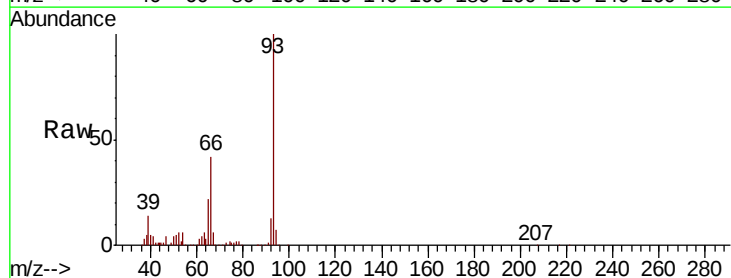
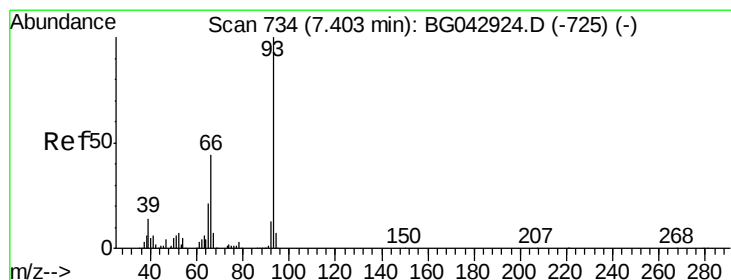
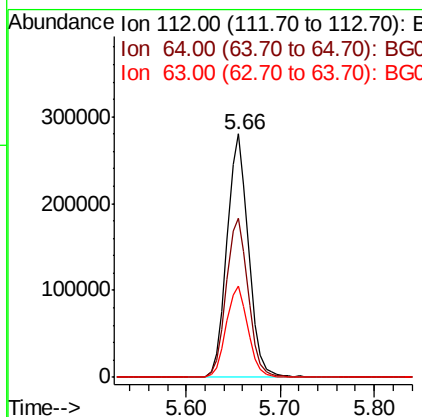
BNA_G

ClientSampleId :

PB123559BSD

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#6

Aniline

Concen: 32.091 ng

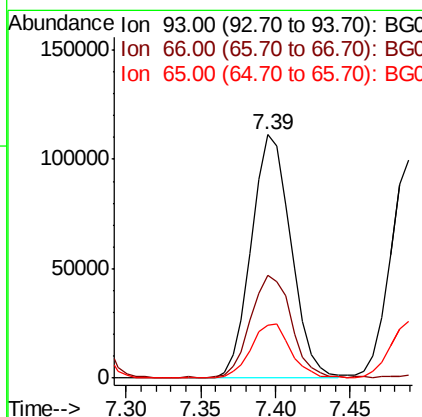
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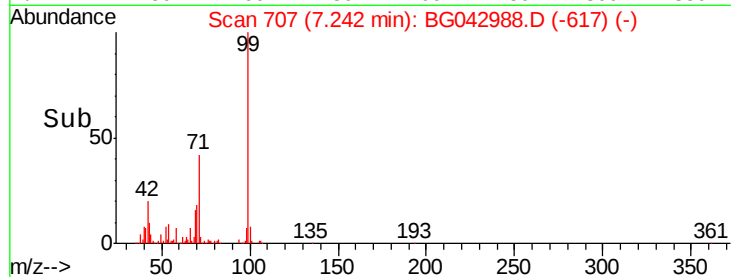
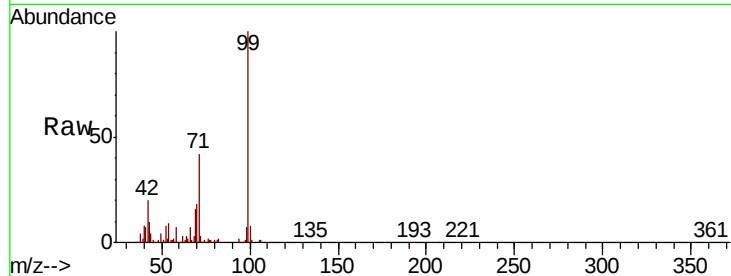
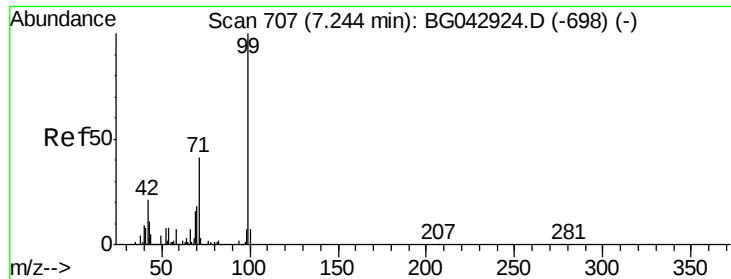
Delta R.T. -0.01 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Tgt Ion:	93	Resp:	204142
Ion Ratio	Lower	Upper	
93	100		
66	42.2	35.0	52.6
65	21.7	17.4	26.0





#7

Phenol-d6

Concen: 113.535 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		598307		
42	20.2	17.2	25.8		
71	41.7	33.1	49.7		

Instrument :

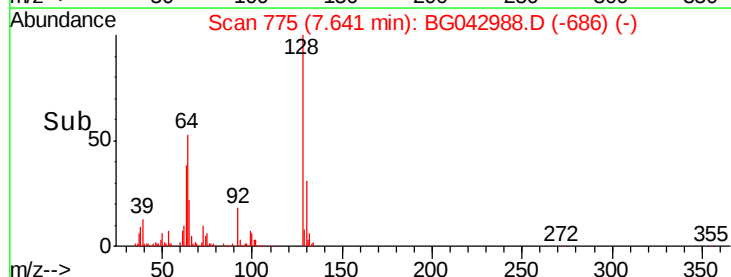
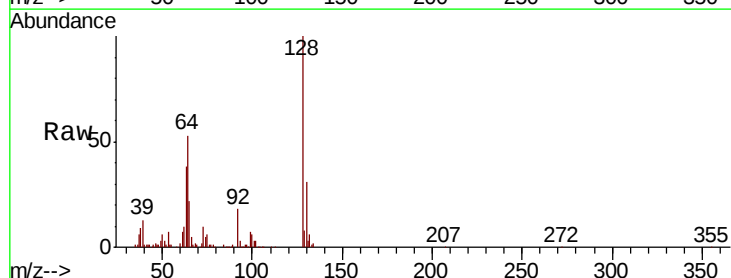
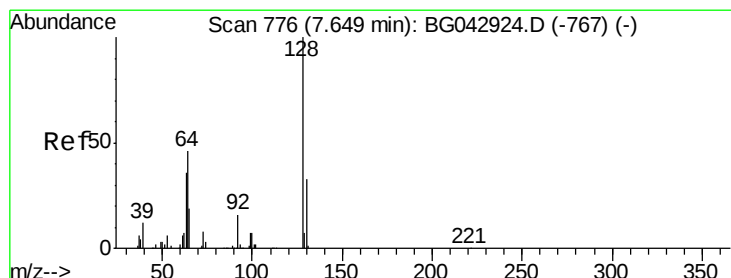
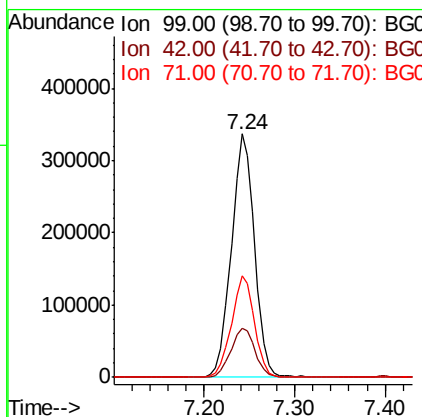
BNA_G

ClientSampleId :

PB123559BSD

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#8

2-Chlorophenol

Concen: 48.613 ng

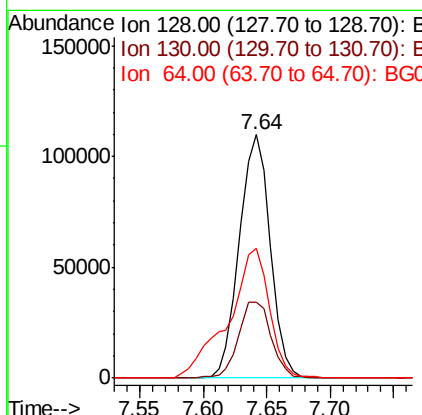
RT: 7.64 min Scan# 775

Delta R.T. -0.01 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		185523		
130	31.2	12.5	52.5		
64	53.3	32.8	72.8		





#9

Benzaldehyde

Concen: 30.841 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Instrument :

BNA_G

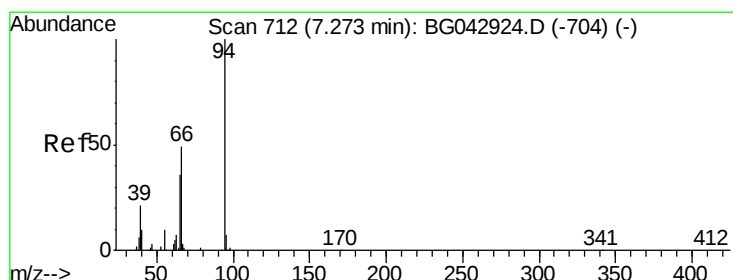
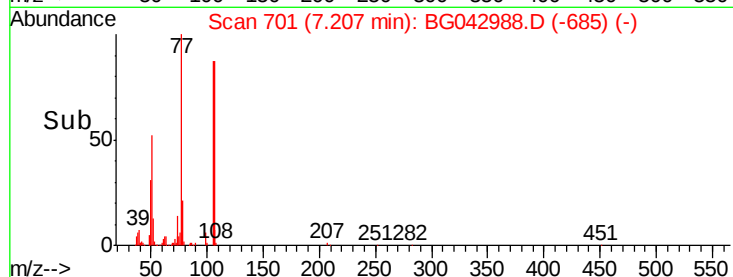
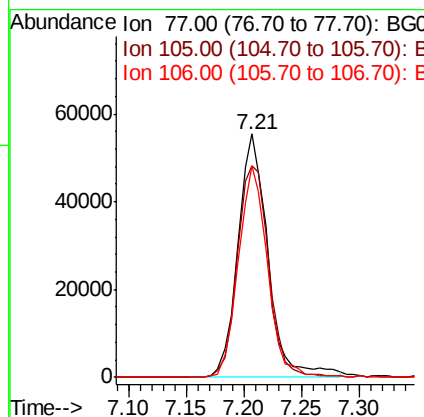
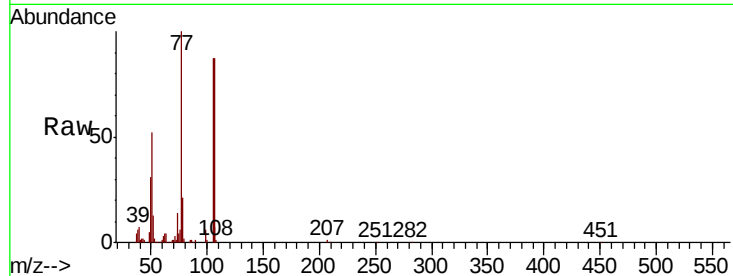
ClientSampleId :

PB123559BSD

Tot Ion:	77	Resp:	99313
Ion Ratio	Lower	Upper	
77	100		
105	86.7	64.6	104.6
106	87.0	59.4	99.4

Manual Integrations
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#10

Phenol

Concen: 47.978 ng

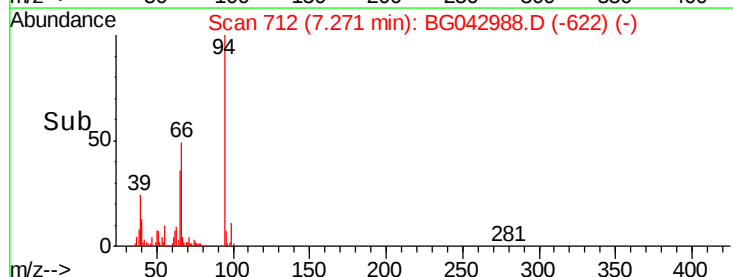
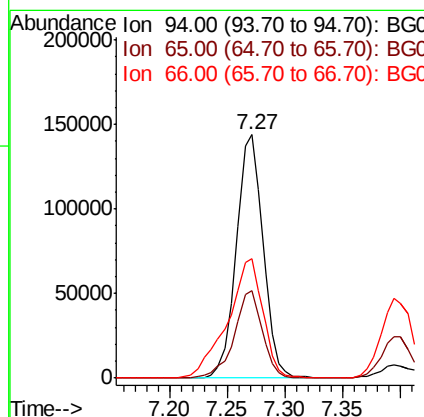
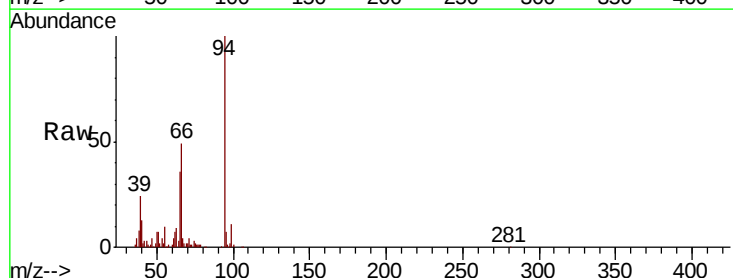
RT: 7.27 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Tgt Ion:	94	Resp:	231969
Ion Ratio	Lower	Upper	
94	100		
65	35.8	16.6	56.6
66	48.9	32.4	72.4





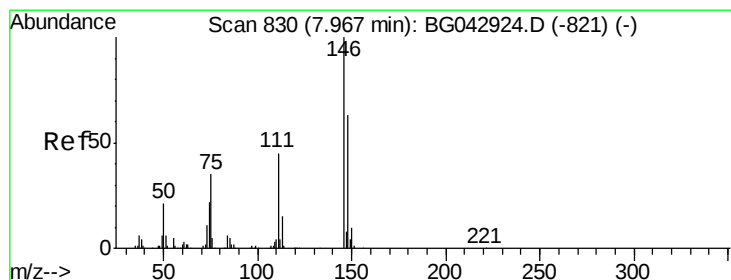
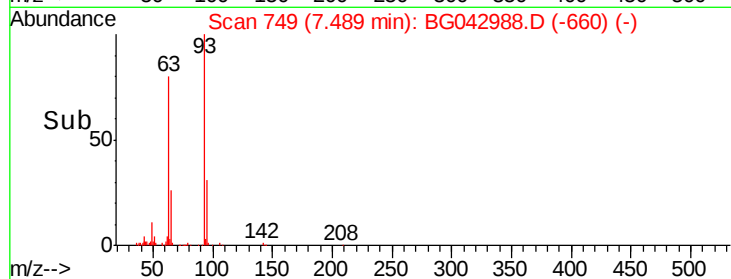
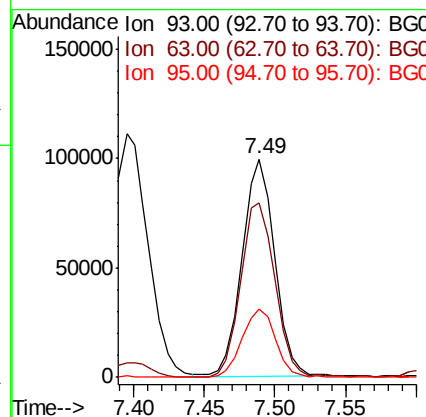
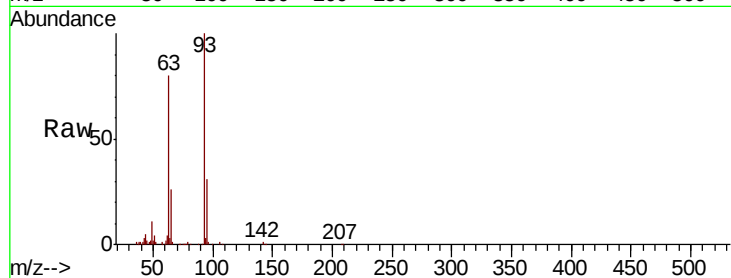
#11
bis(2-Chloroethyl)ether
Concen: 43.165 ng
RT: 7.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Instrument :
BNA_G
ClientSampleId :
PB123559BSD

Tot Ion:	93	Resp:	161475
Ion Ratio	Lower	Upper	
93	100		
63	80.2	67.4	107.4
95	31.2	11.9	51.9

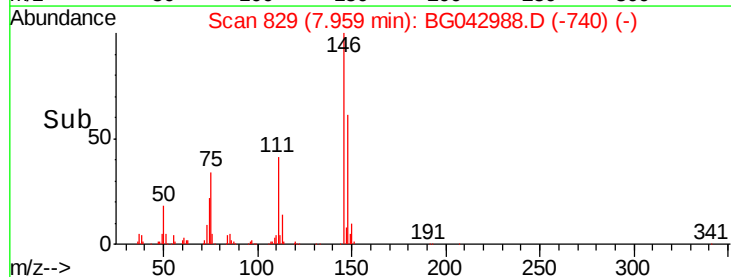
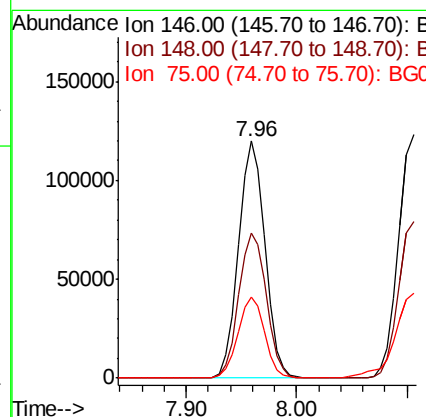
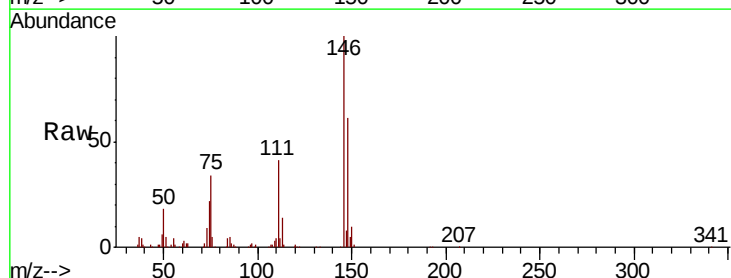
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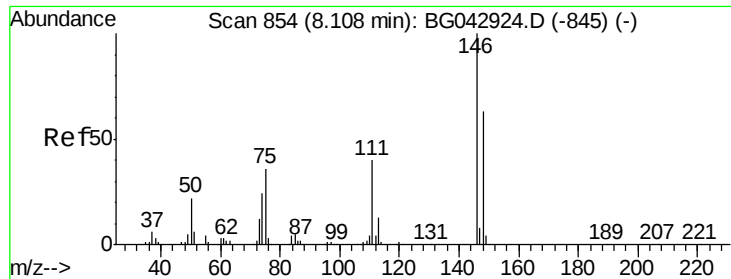
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.593 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Tgt Ion:	146	Resp:	202491
Ion Ratio	Lower	Upper	
146	100		
148	61.1	50.7	76.1
75	34.1	27.7	41.5





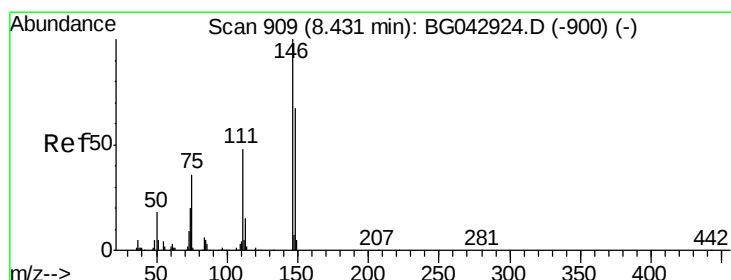
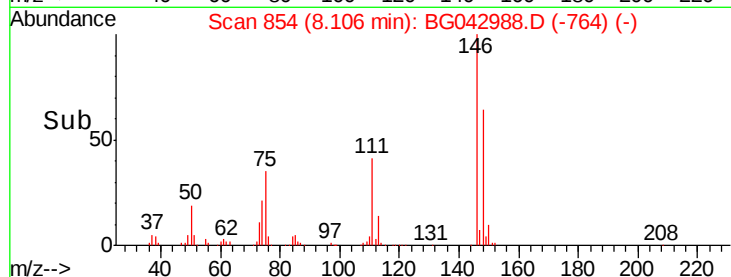
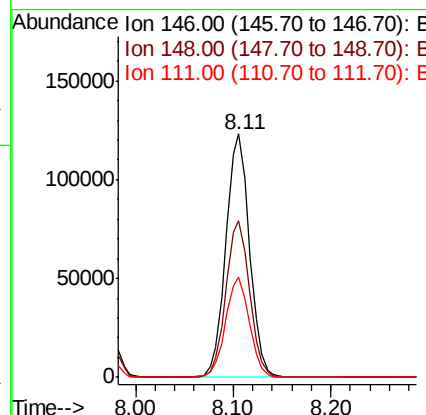
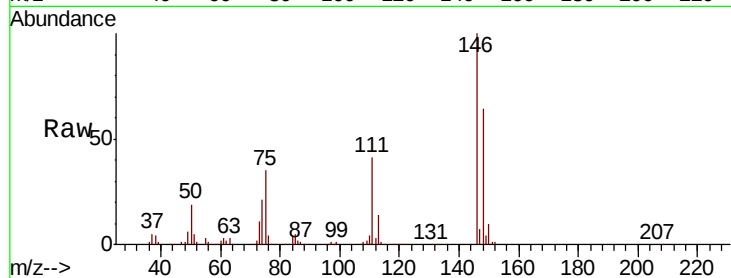
#13
1,4-Dichlorobenzene
Concen: 42.571 ng
RT: 8.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Instrument :
BNA_G
ClientSampleId :
PB123559BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.9	76.3
111	41.0	31.8	47.8

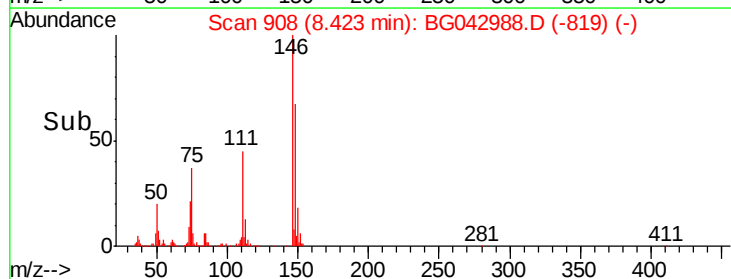
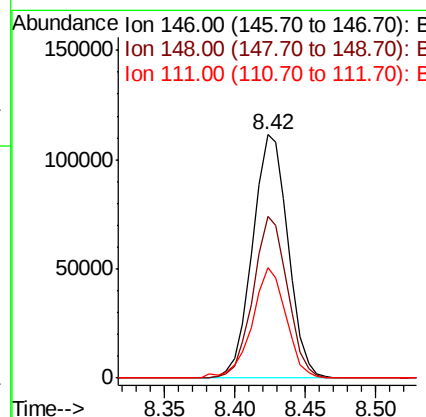
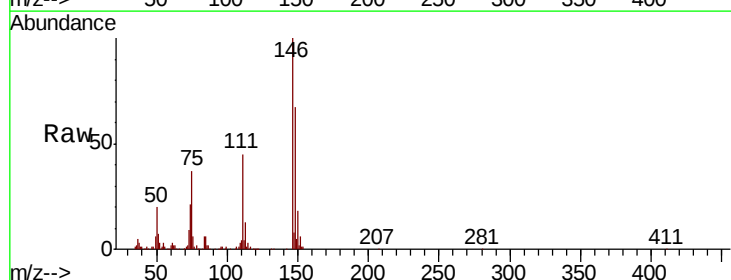
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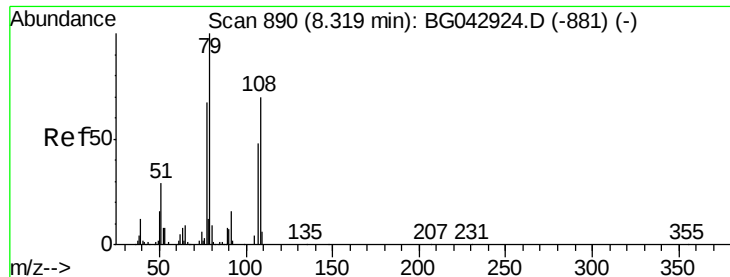
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#14
1,2-Dichlorobenzene
Concen: 42.516 ng
RT: 8.42 min Scan# 908
Delta R.T. -0.01 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.6	53.4	80.2
111	45.3	38.5	57.7





#15

Benzyl Alcohol

Concen: 44.871 ng

RT: 8.31 min Scan# 889

Delta R.T. -0.01 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Instrument :

BNA_G

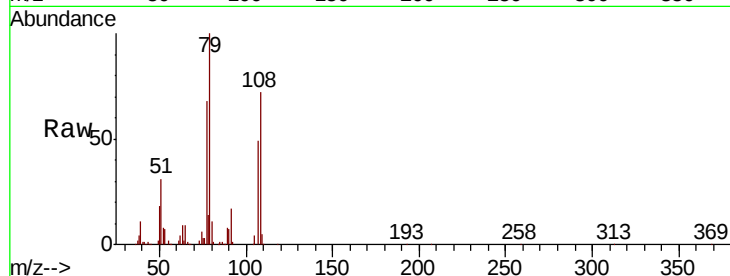
ClientSampleId :

PB123559BSD

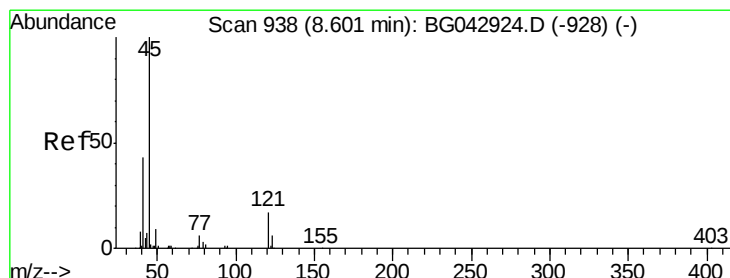
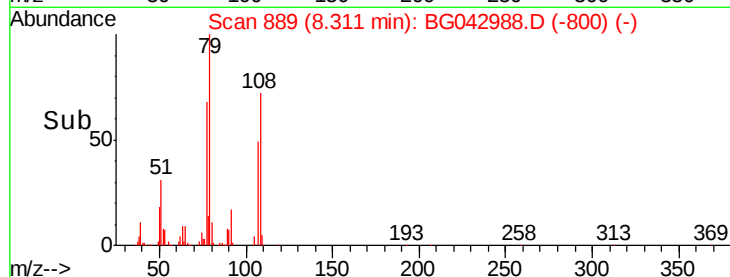
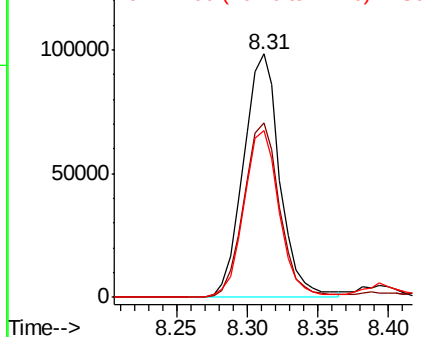
Tot Ion:	79	Resp:	177780
Ion	Ratio	Lower	Upper
79	100		
108	71.9	55.7	83.5
77	68.3	53.3	79.9

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Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.956 ng

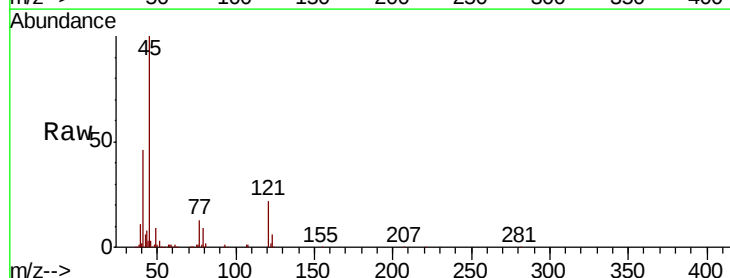
RT: 8.59 min Scan# 937

Delta R.T. -0.01 min

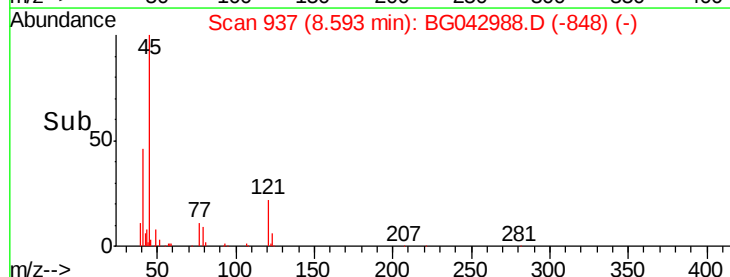
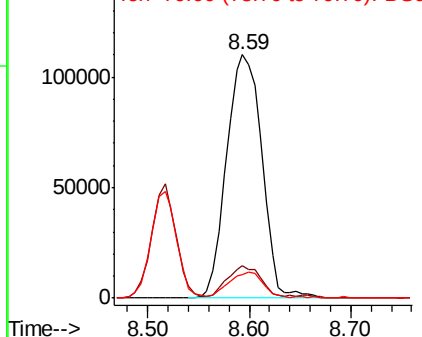
Lab File: BG042988.D

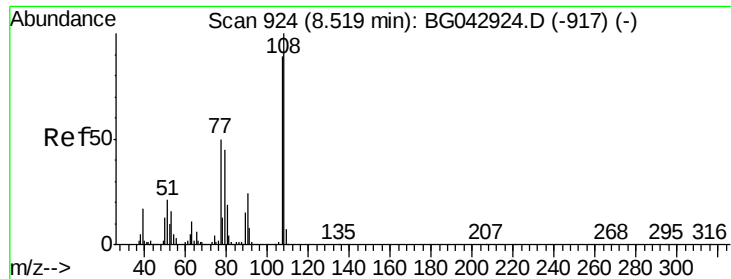
Acq: 2 Oct 2019 17:10

Tgt Ion:	45	Resp:	265500
Ion	Ratio	Lower	Upper
45	100		
77	13.2	0.0	32.8
79	9.4	0.0	29.4



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





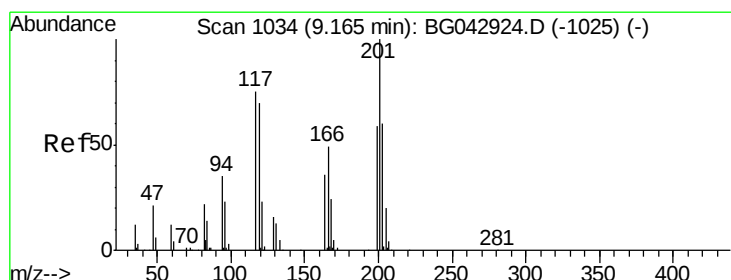
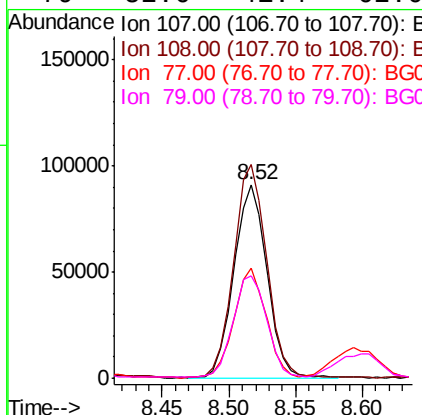
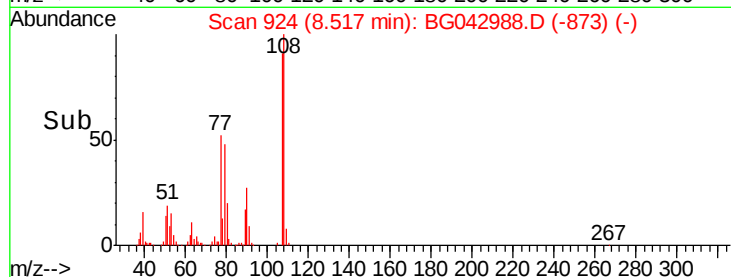
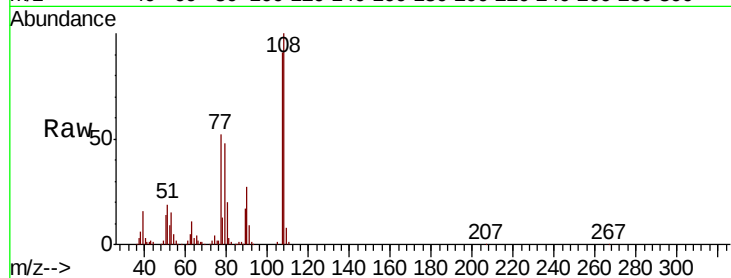
#17
2-Methylphenol
Concen: 46.483 ng
RT: 8.52 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Instrument :
BNA_G
ClientSampleId :
PB123559BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.2	89.9	134.9	
77	56.9	45.4	68.2	
79	52.6	41.4	62.0	

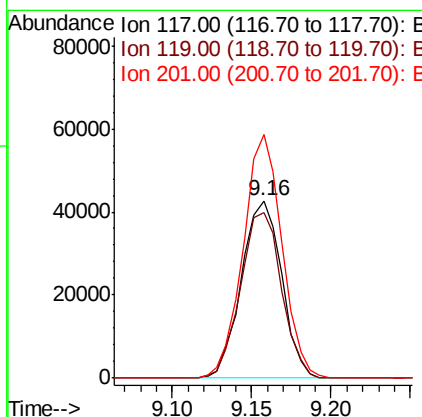
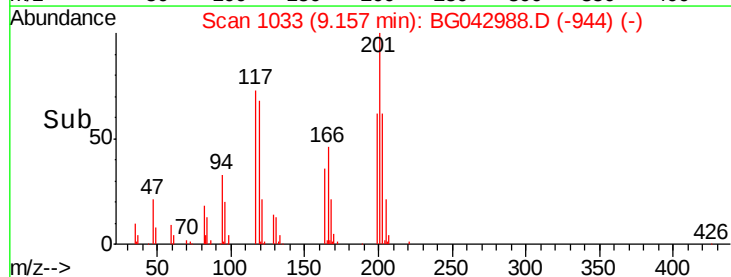
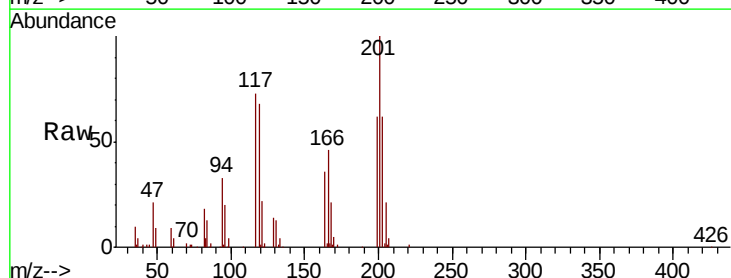
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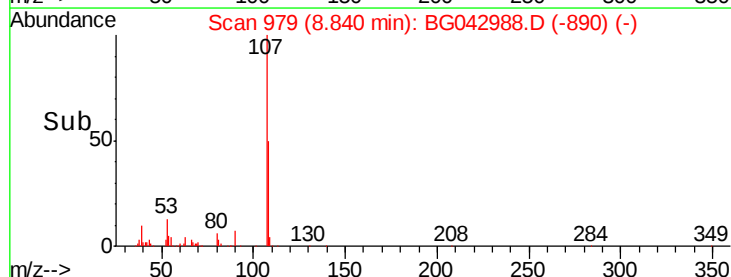
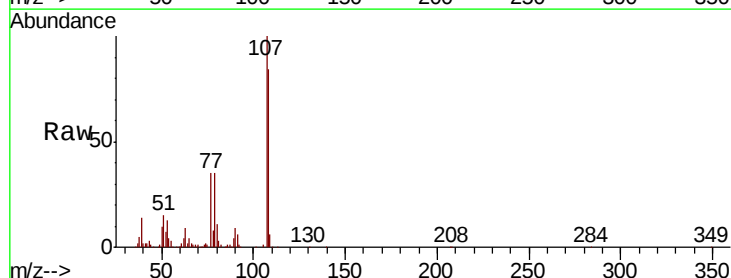
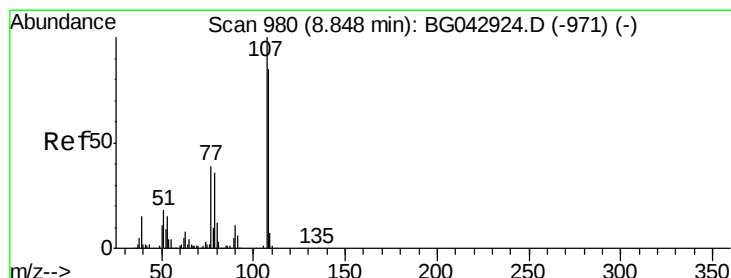
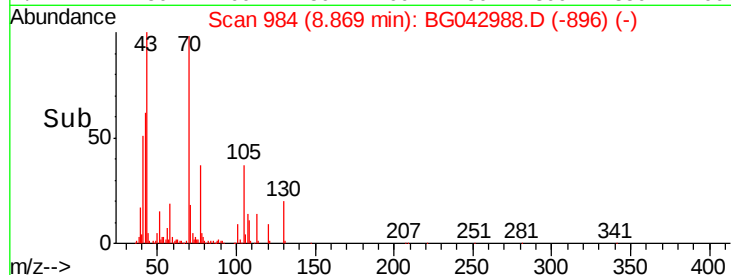
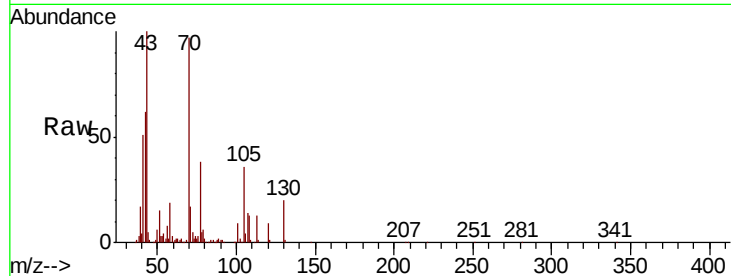
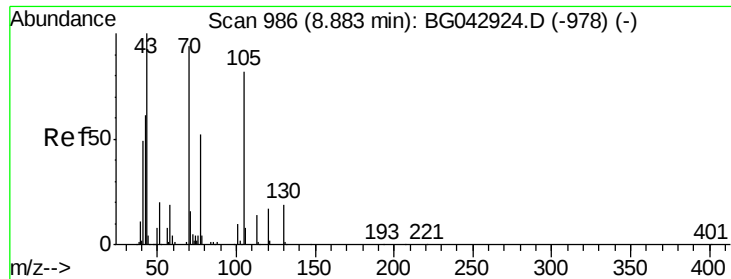
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#18
Hexachloroethane
Concen: 41.224 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

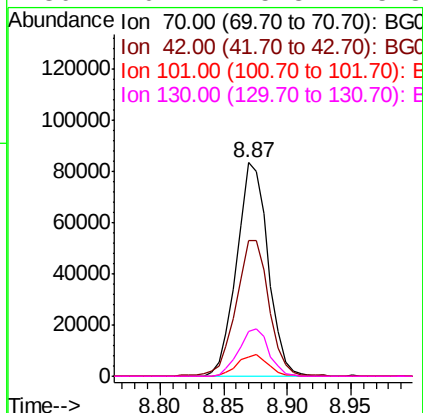
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.8	74.6	111.8	
201	137.4	106.0	159.0	





#19
n-Nitroso-di-n-propylamine
Concen: 41.385 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.7	52.6	79.0	
101	8.9	8.7	13.1	
130	20.7	15.8	23.8	



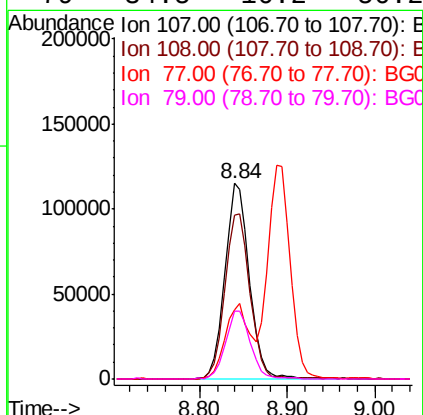
Instrument :
BNA_G
ClientSampleId :
PB123559BSD

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#20
3+4-Methylphenols
Concen: 47.532 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.01 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	83.7	64.9	104.9	
77	35.5	19.4	59.4	
79	34.5	16.2	56.2	





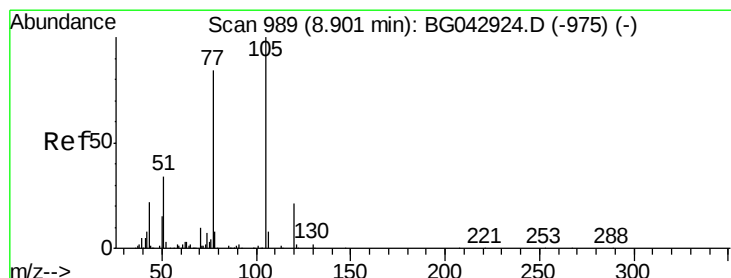
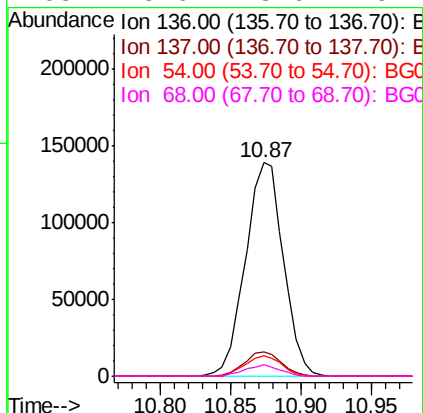
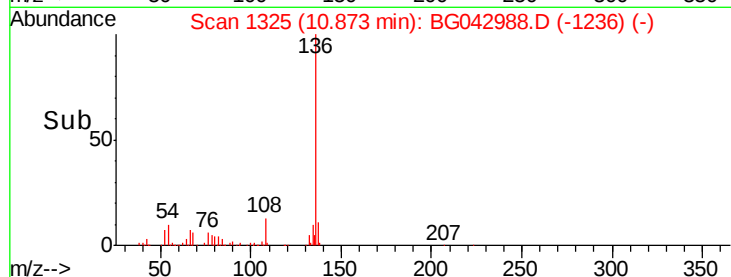
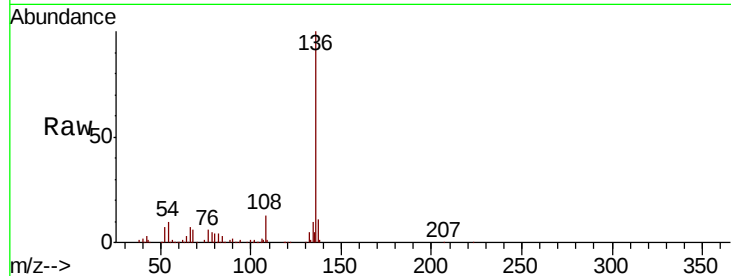
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Instrument :
BNA_G
ClientSampleId :
PB123559BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	262064		
137	11.1		8.5	12.7
54	9.6		7.4	11.2
68	5.6		3.6	5.4#

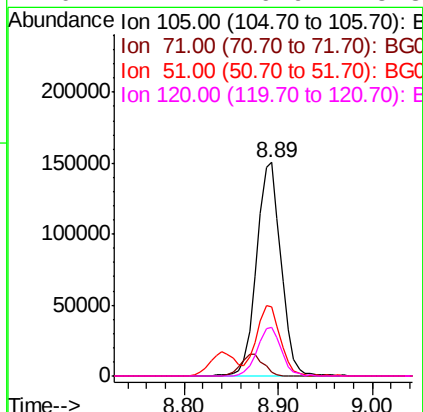
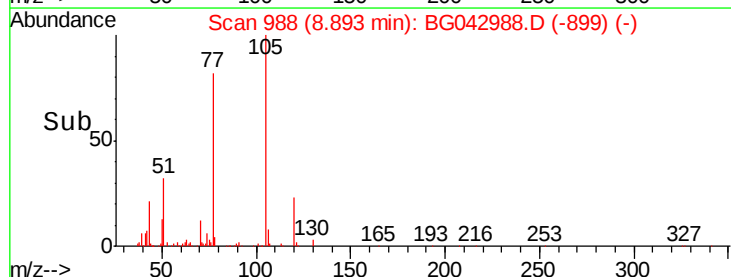
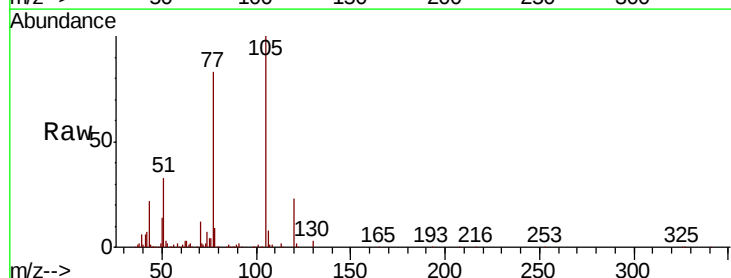
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#22
Acetophenone
Concen: 40.128 ng
RT: 8.89 min Scan# 988
Delta R.T. -0.01 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	271074		
71	1.7		1.2	1.8
51	32.6		27.2	40.8
120	22.7		16.9	25.3





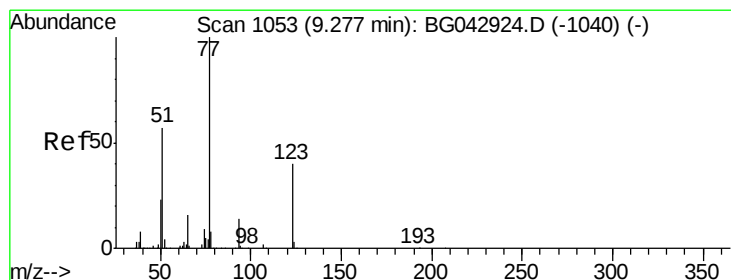
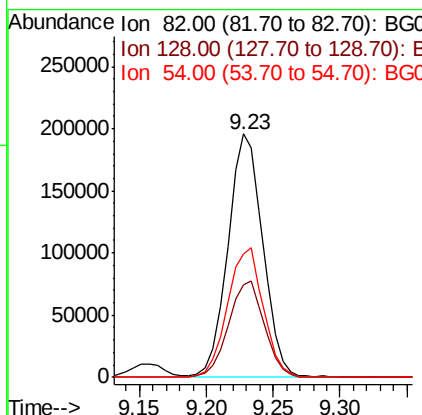
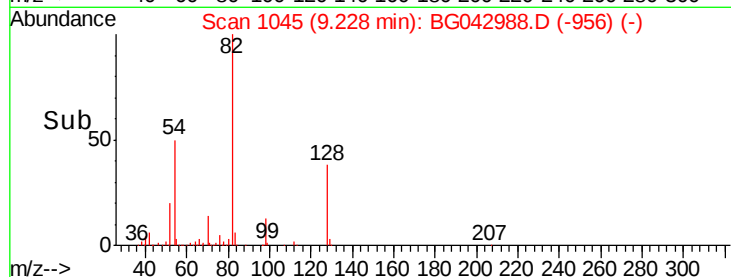
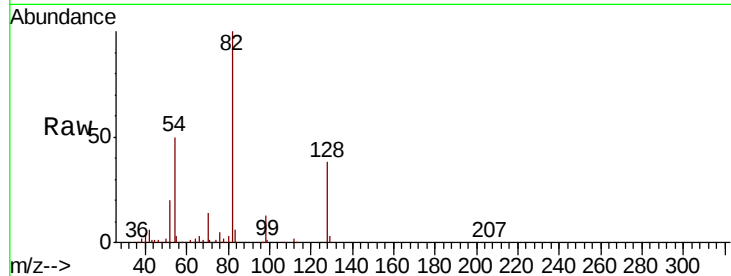
#23
Nitrobenzene-d5
Concen: 65.867 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Instrument :
BNA_G
ClientSampleId :
PB123559BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	38.3	29.5	44.3	
54	50.4	44.6	67.0	

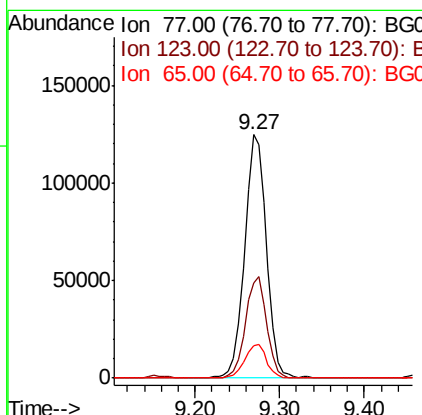
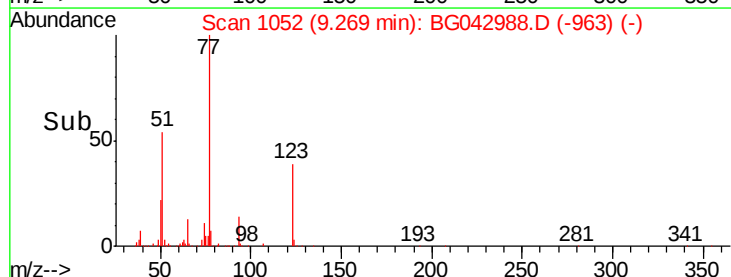
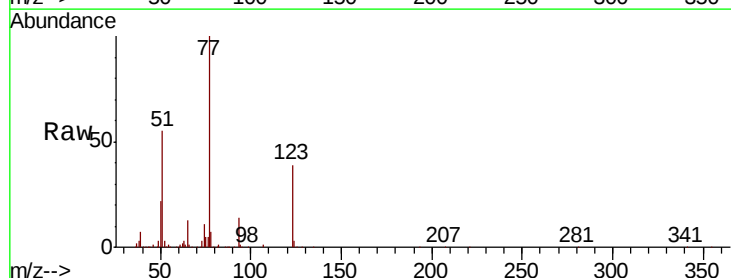
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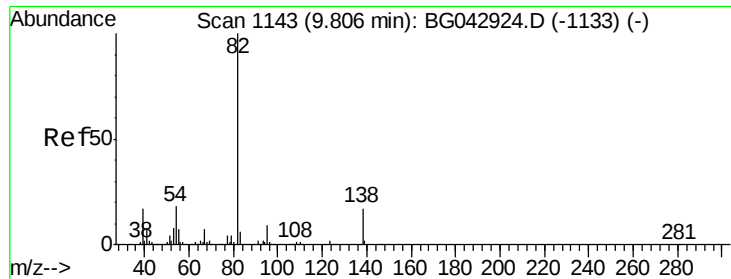
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#24
Nitrobenzene
Concen: 43.295 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	38.9	31.9	47.9	
65	13.3	12.4	18.6	





#25

Isophorone

Concen: 41.605 ng

RT: 9.80 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Instrument :

BNA_G

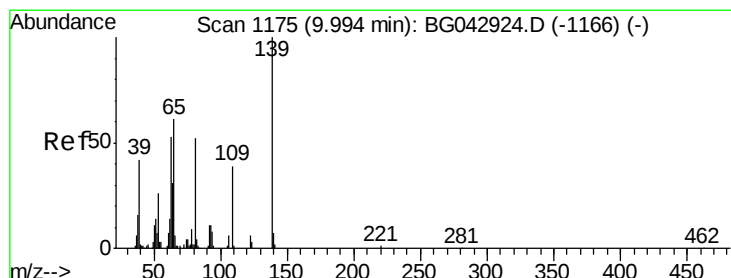
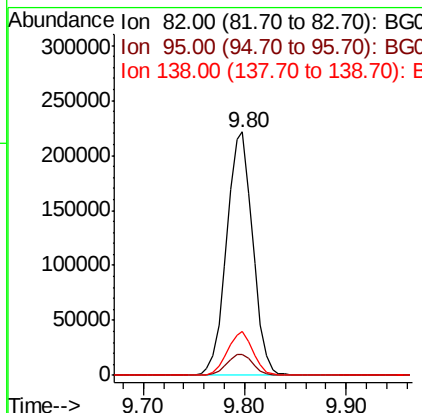
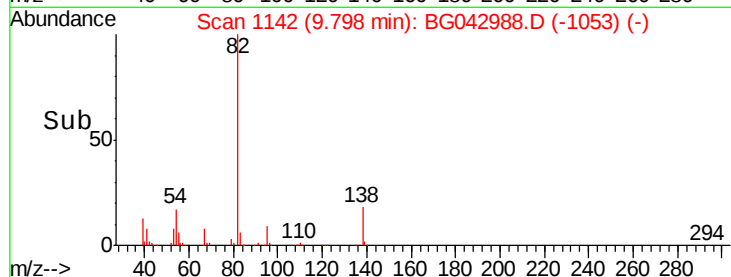
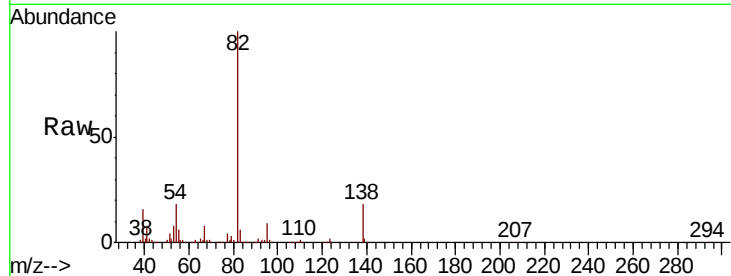
ClientSampleId :

PB123559BSD

Tot Ion:	82	Resp:	394029
Ion Ratio	Lower	Upper	
82	100		
95	8.8	7.0	10.4
138	18.1	13.8	20.6

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#26

2-Nitrophenol

Concen: 48.340 ng

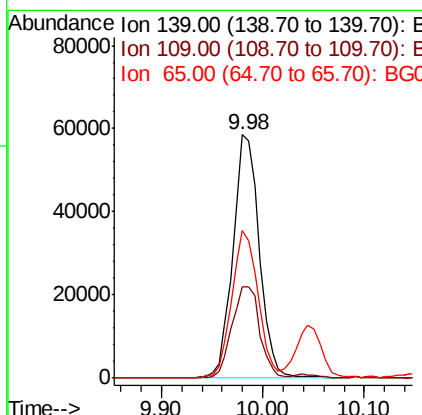
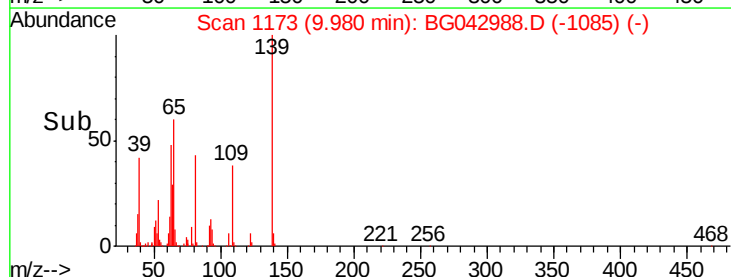
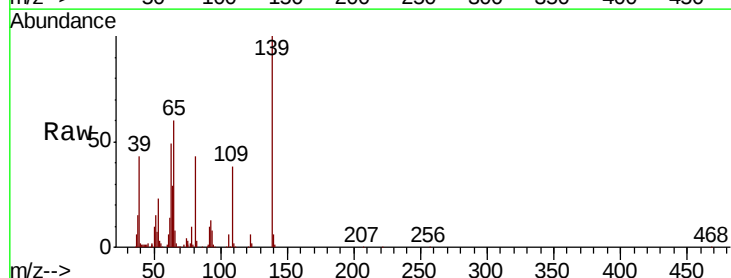
RT: 9.98 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Tgt Ion:	139	Resp:	105830
Ion Ratio	Lower	Upper	
139	100		
109	37.7	31.0	46.6
65	60.4	48.4	72.6





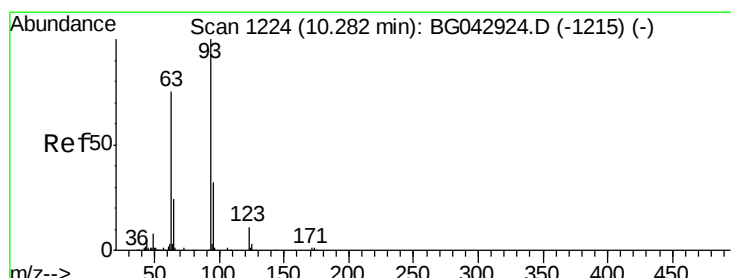
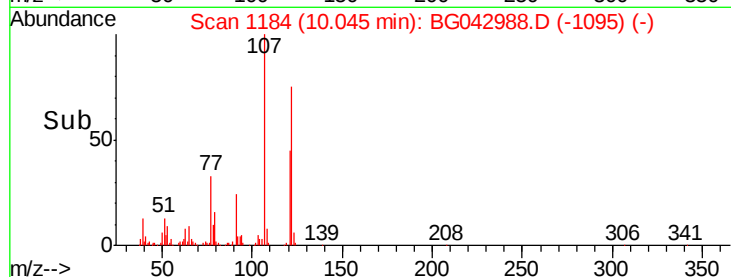
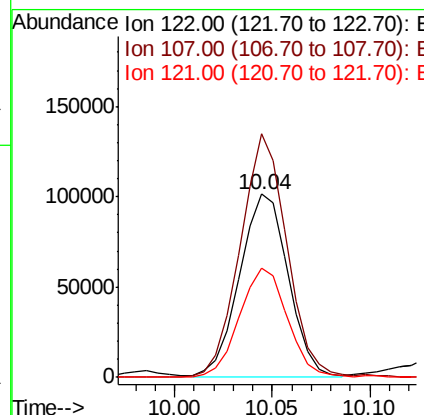
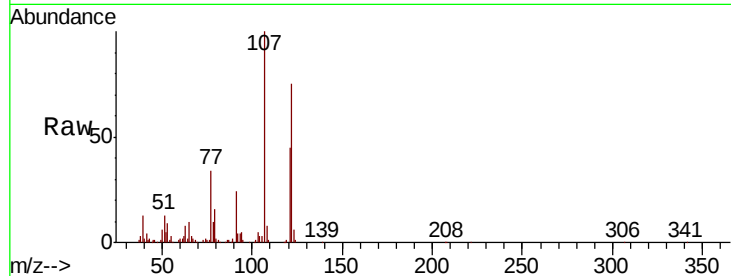
#27
2,4-Dimethylphenol
Concen: 51.732 ng
RT: 10.04 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Instrument :
BNA_G
ClientSampleId :
PB123559BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	132.8	102.2	153.2
121	59.4	48.5	72.7

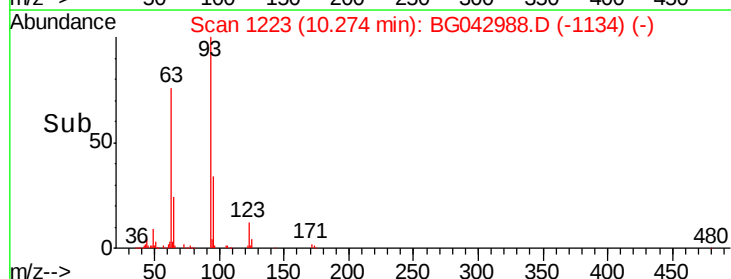
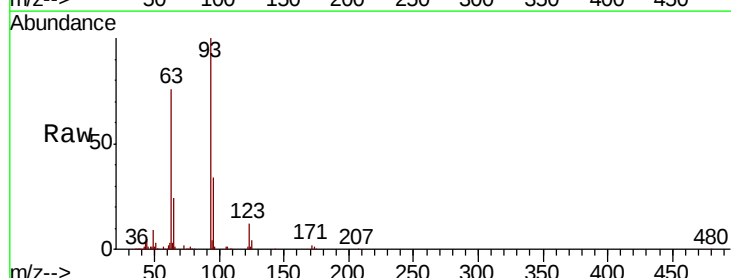
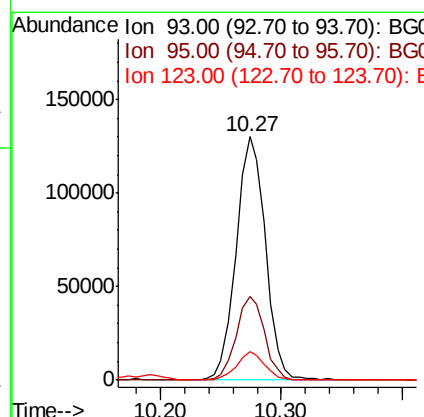
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#28
bis(2-Chloroethoxy)methane
Concen: 40.789 ng
RT: 10.27 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.1	25.4	38.0
123	11.7	9.3	13.9





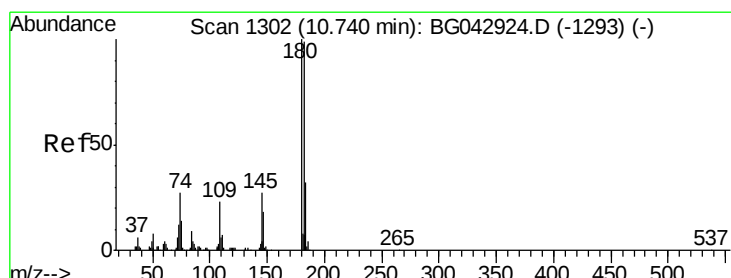
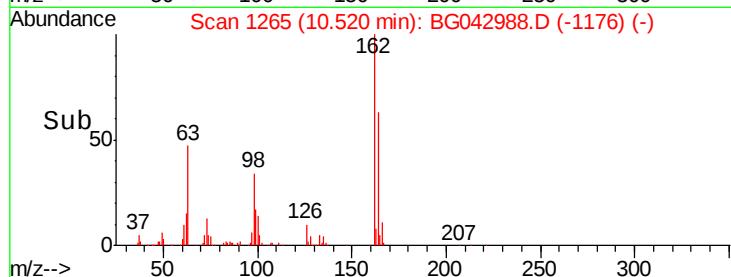
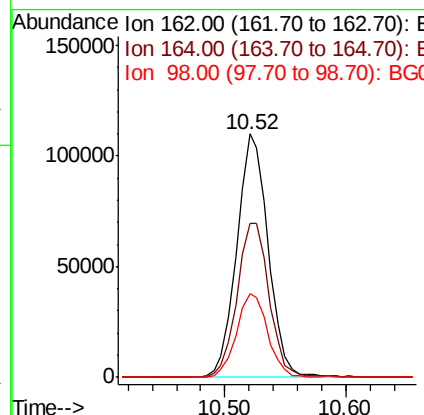
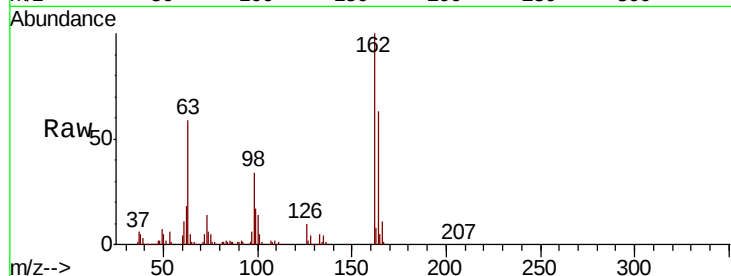
#29
 2,4-Dichlorophenol
 Concen: 47.507 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: BG042988.D
 Acq: 2 Oct 2019 17:10

Instrument :
 BNA_G
 ClientSampleId :
 PB123559BSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.3	44.7	84.7
98	34.1	16.0	56.0

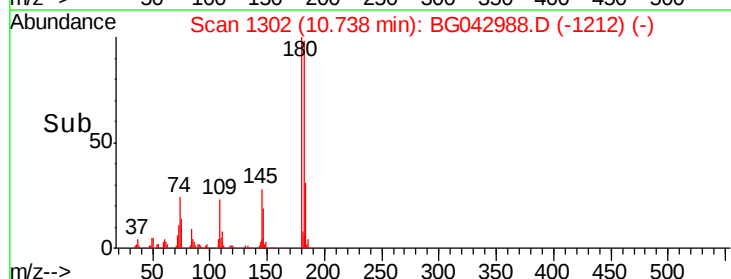
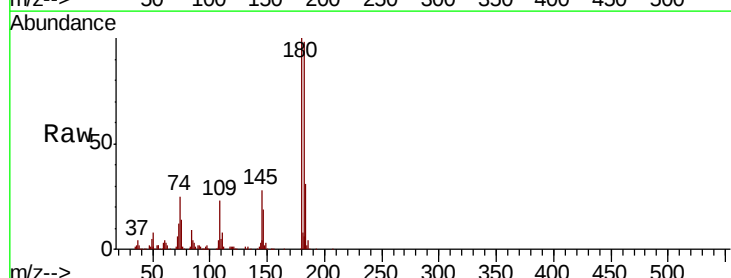
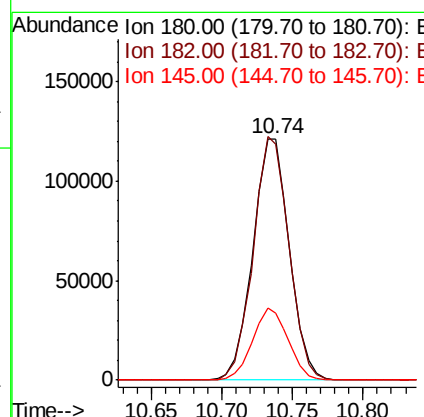
Manual Integrations
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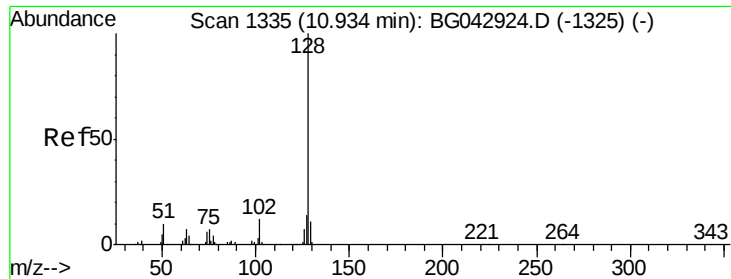
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.737 ng
 RT: 10.74 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: BG042988.D
 Acq: 2 Oct 2019 17:10

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	97.8	79.3	118.9
145	27.5	22.0	33.0





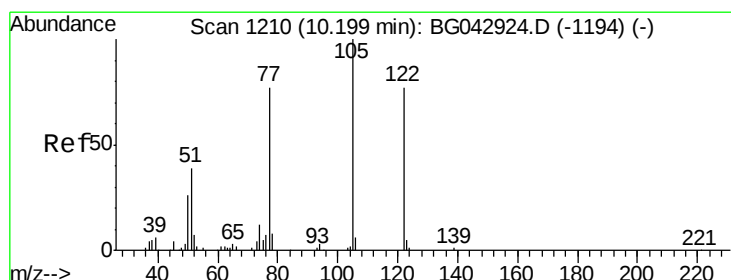
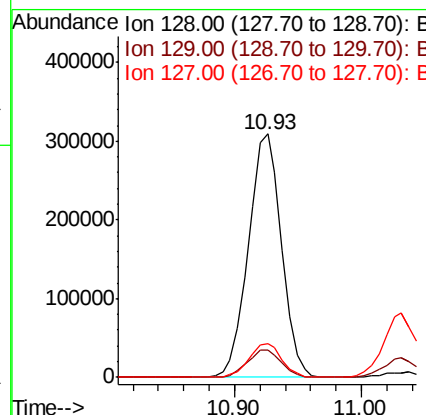
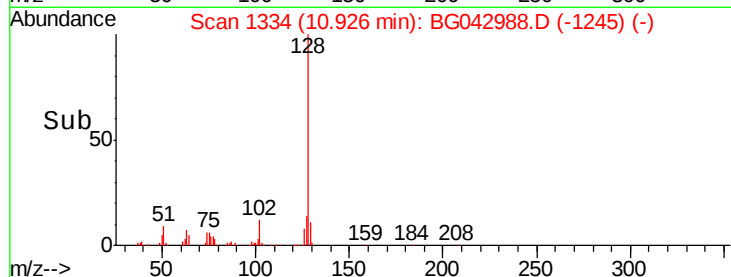
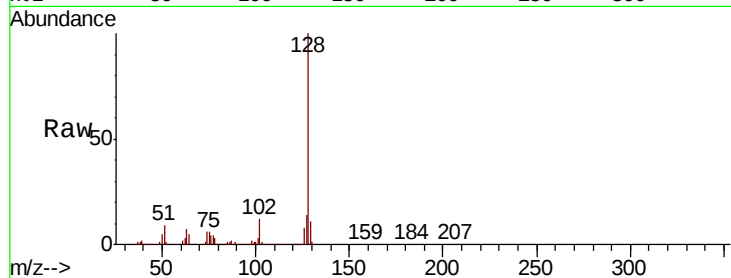
#31
Naphthalene
Concen: 43.345 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Instrument :
BNA_G
ClientSampleId :
PB123559BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.3	8.8	13.2	
127	13.7	11.3	16.9	

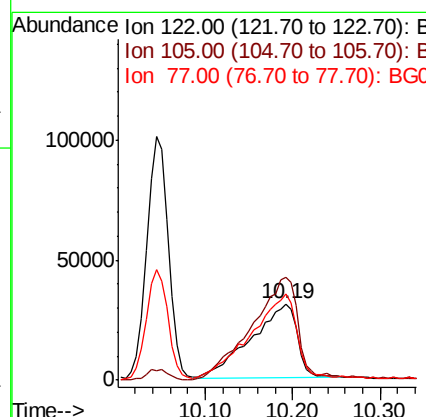
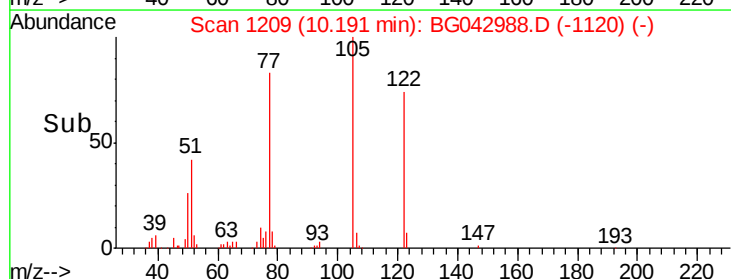
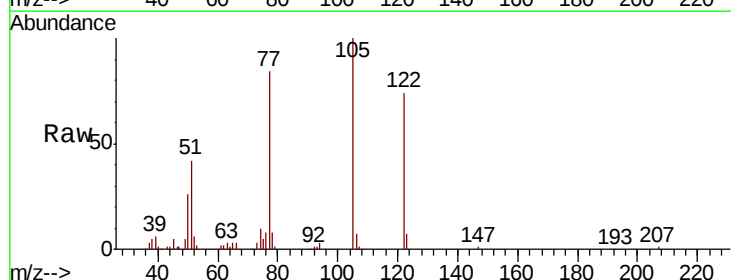
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#32
Benzoic acid
Concen: 44.237 ng
RT: 10.19 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	135.1	107.5	147.5	
77	112.9	79.8	119.8	





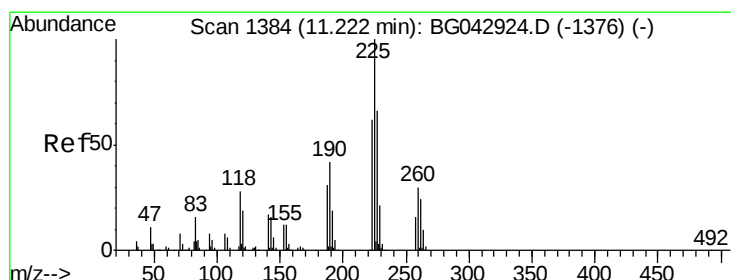
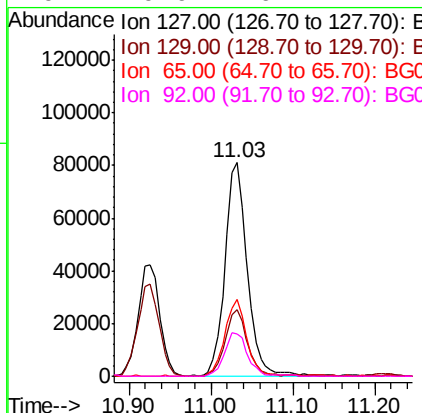
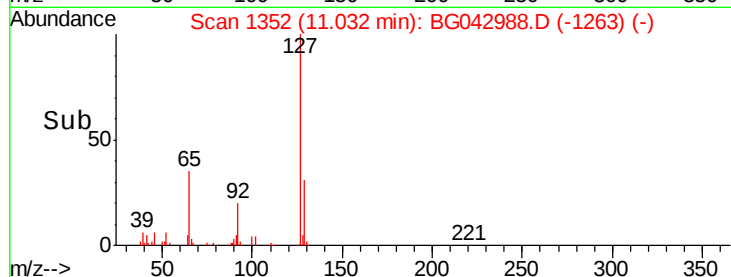
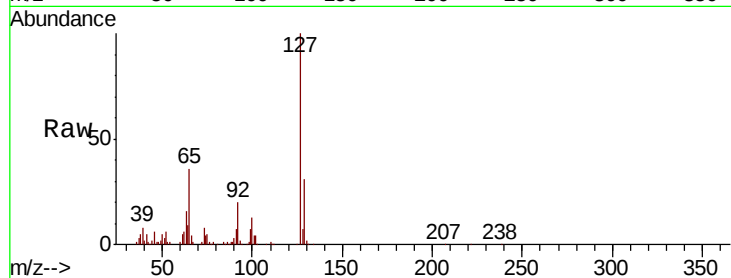
#33
4-Chloroaniline
Concen: 27.660 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Instrument :
BNA_G
ClientSampleId :
PB123559BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.0	26.2	39.2		
65	36.1	30.6	45.8		
92	19.9	16.2	24.4		

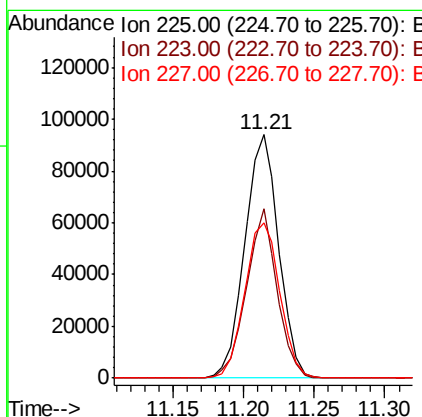
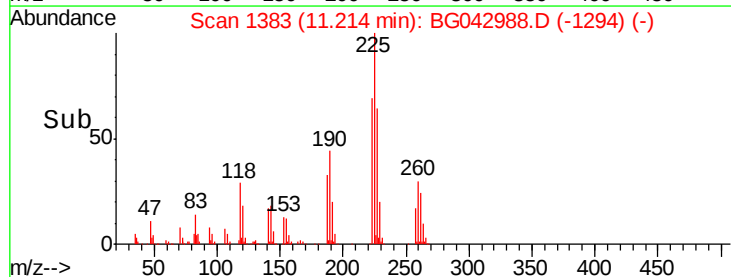
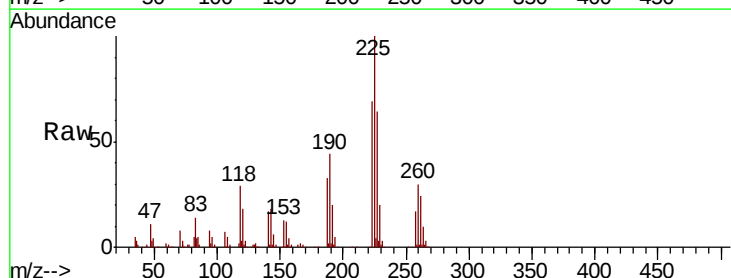
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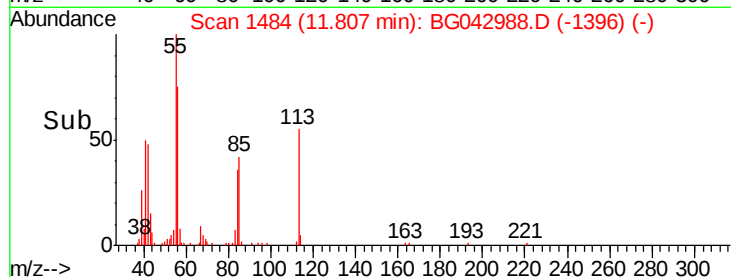
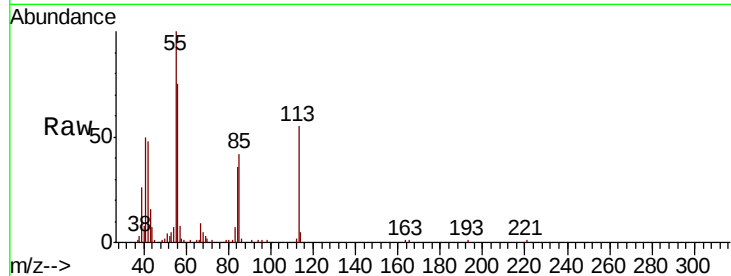
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#34
Hexachlorobutadiene
Concen: 38.974 ng
RT: 11.21 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	69.4	49.3	73.9		
227	63.8	52.8	79.2		





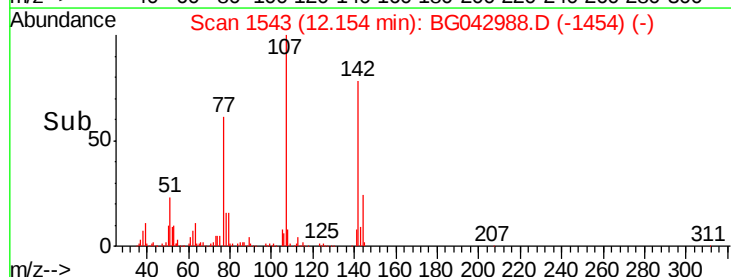
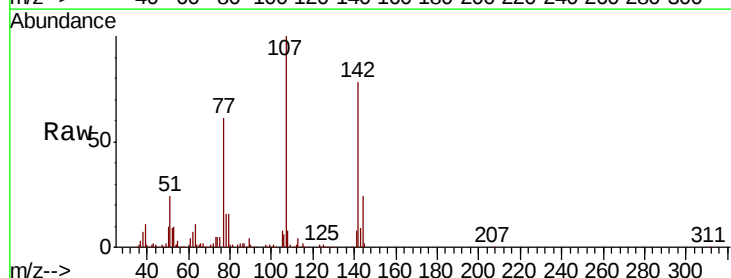
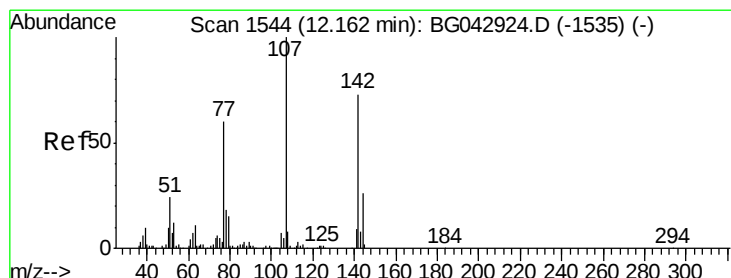
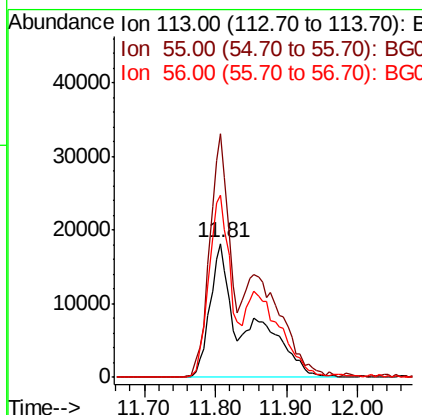
#35
Caprolactam
Concen: 43.962 ng/ml
RT: 11.81 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Instrument :
BNA_G
ClientSampleId :
PB123559BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	181.8	175.5	215.5
56	136.0	142.3	182.3

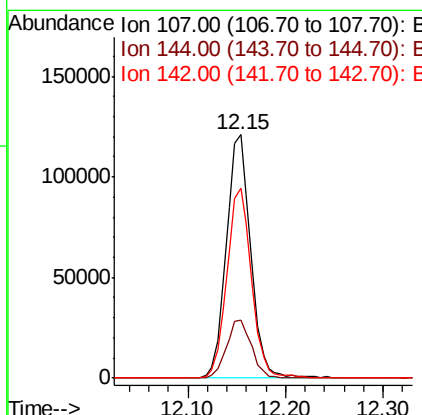
Manual Integrations
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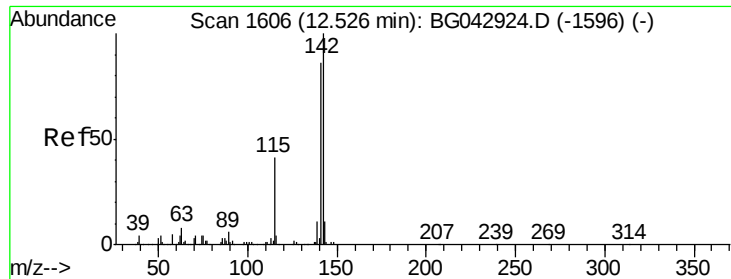
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#36
4-Chloro-3-methylphenol
Concen: 46.181 ng/ml
RT: 12.15 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.6	20.7	31.1
142	77.9	58.6	87.8





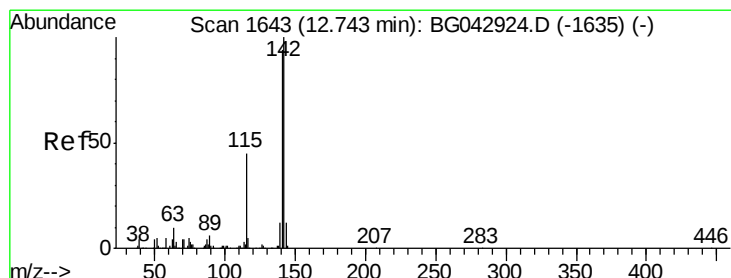
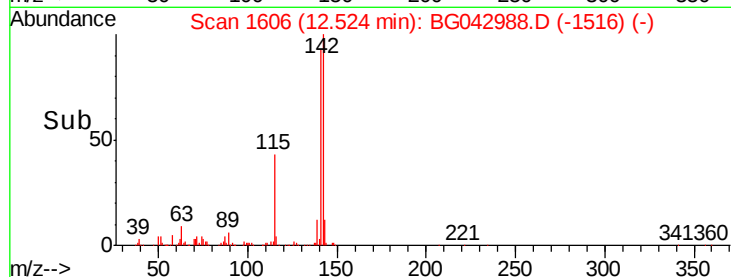
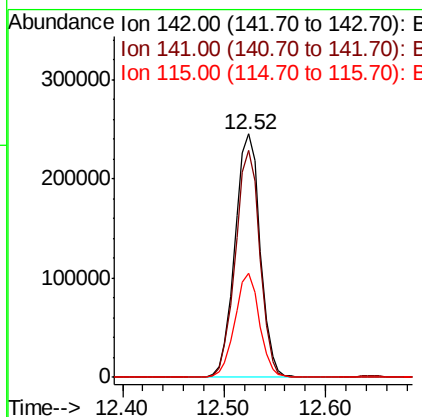
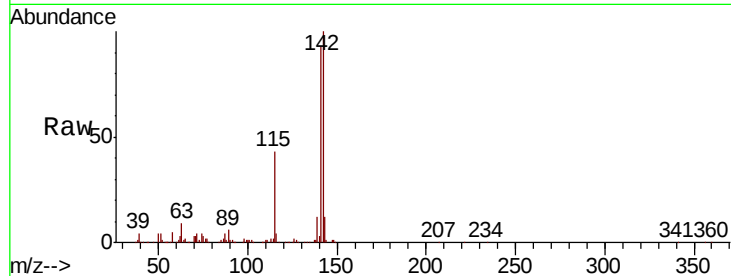
#37
2-Methylnaphthalene
Concen: 43.056 ng
RT: 12.52 min Scan# 1606
Delta R.T. -0.00 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Instrument :
BNA_G
ClientSampleId :
PB123559BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.3	69.0	103.4
115	42.9	32.8	49.2

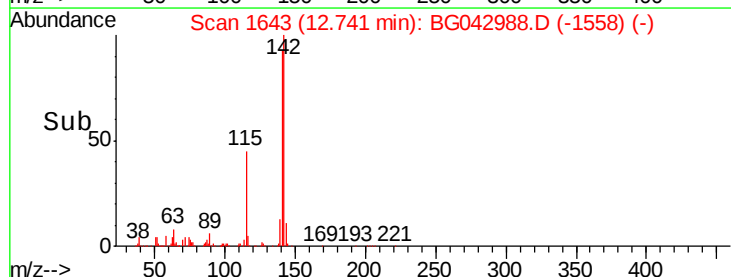
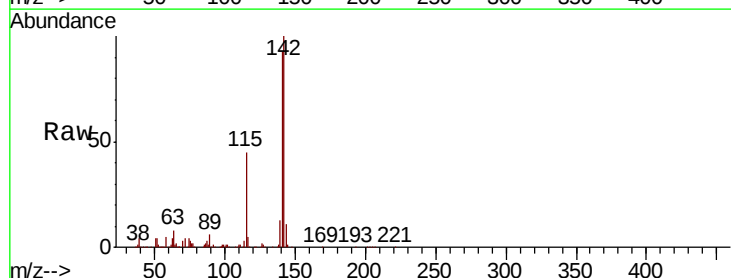
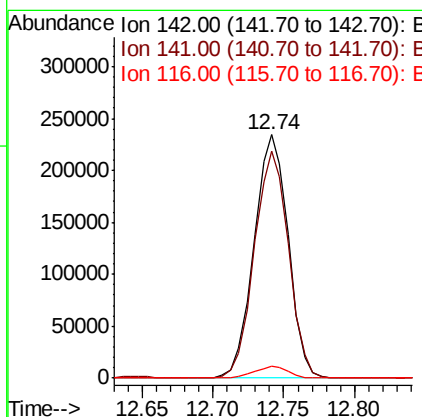
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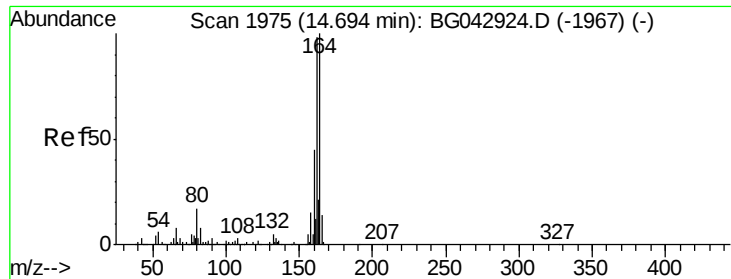
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#38
1-Methylnaphthalene
Concen: 42.731 ng
RT: 12.74 min Scan# 1643
Delta R.T. -0.00 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	74.9	112.3
116	4.7	3.7	5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Instrument :

BNA_G

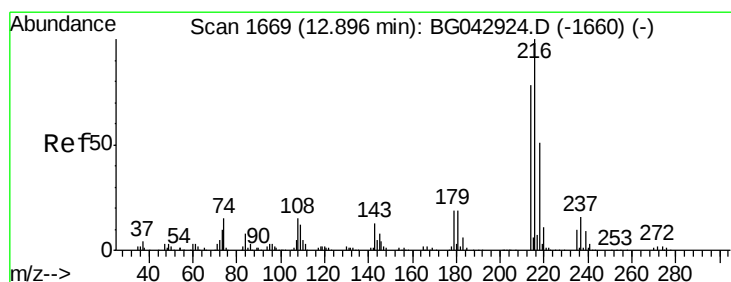
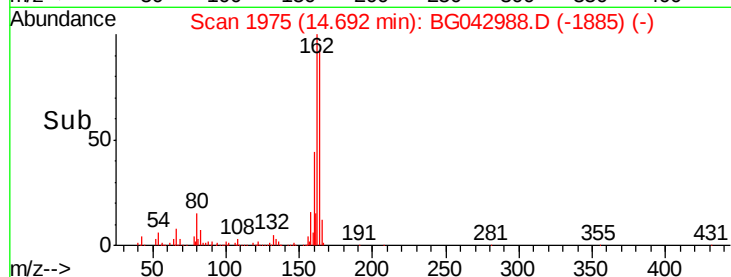
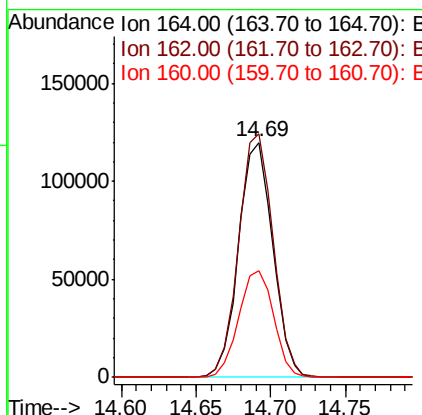
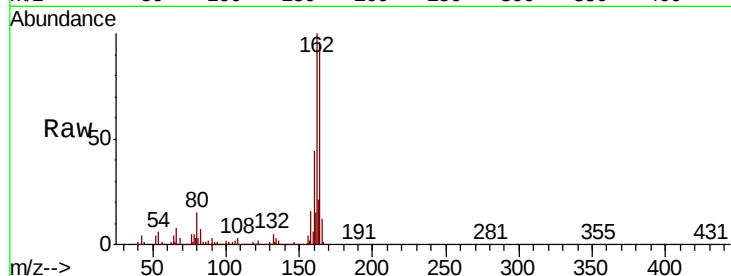
ClientSampleId :

PB123559BSD

Tot Ion:	164	Resp:	190641
Ion Ratio	Lower	Upper	
164	100		
162	103.7	78.5	117.7
160	45.6	35.9	53.9

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.320 ng

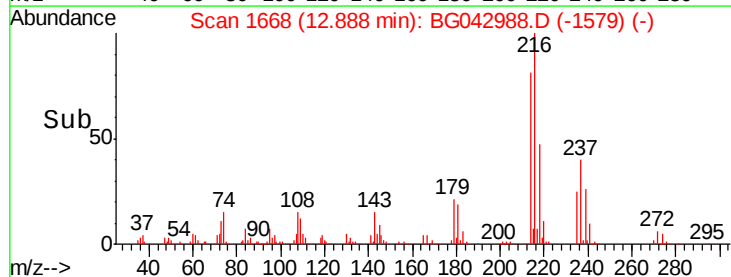
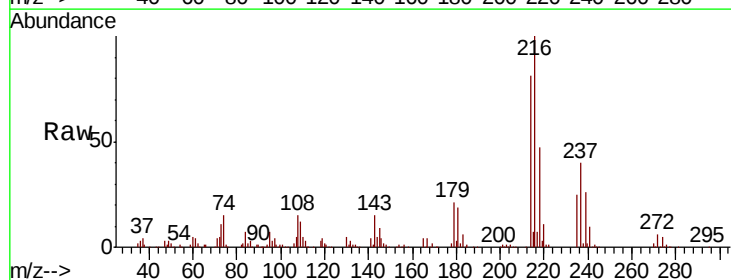
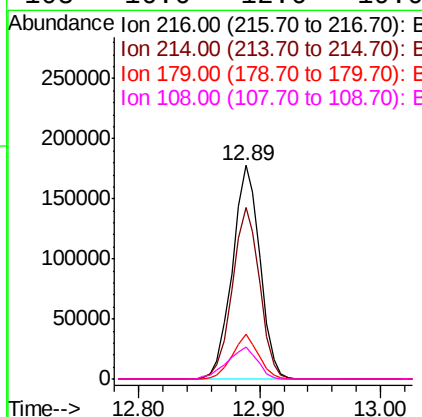
RT: 12.89 min Scan# 1668

Delta R.T. -0.01 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Tgt Ion:	216	Resp:	281847
Ion Ratio	Lower	Upper	
216	100		
214	79.9	62.4	93.6
179	20.0	15.4	23.2
108	16.6	12.6	19.0





#41

Hexachlorocyclopentadiene

Concen: 71.511 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Instrument :

BNA_G

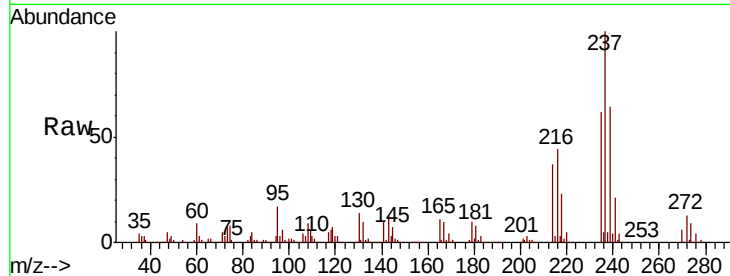
ClientSampleId :

PB123559BSD

Tot Ion:	237	Resp:	326600
Ion Ratio	Lower	Upper	
237	100		
235	62.0	46.7	86.7
272	13.0	0.0	32.3

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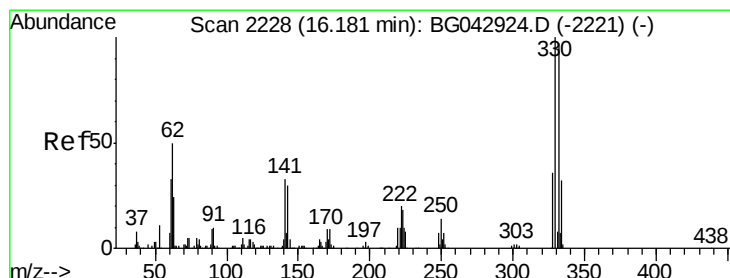
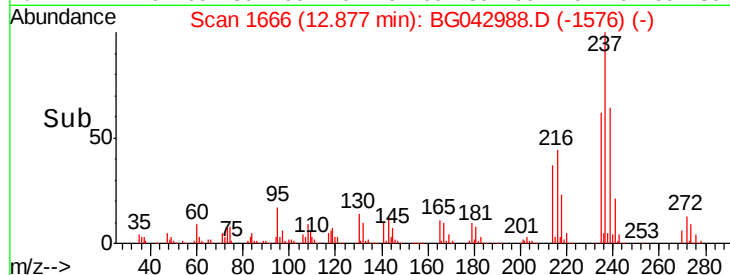
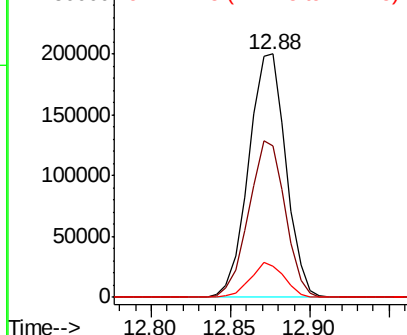


Abundance

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: 112.429 ng

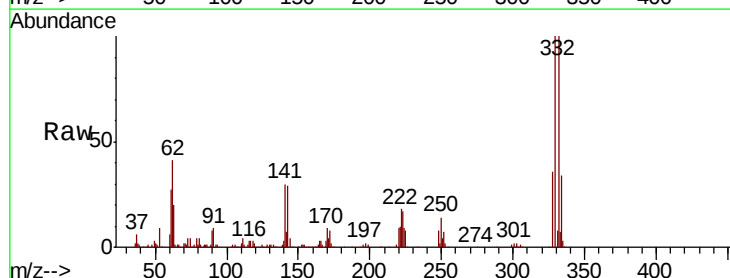
RT: 16.18 min Scan# 2228

Delta R.T. -0.00 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Tgt Ion:	330	Resp:	368564
Ion Ratio	Lower	Upper	
330	100		
332	96.0	78.2	117.2
141	30.6	26.0	39.0

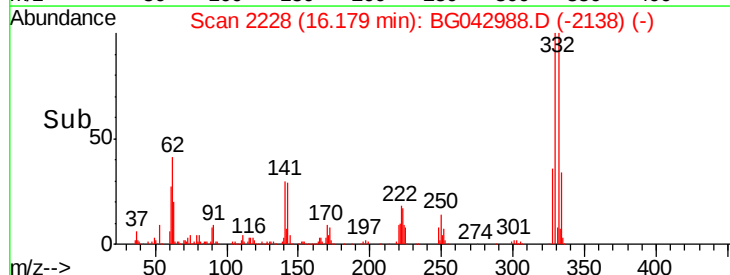
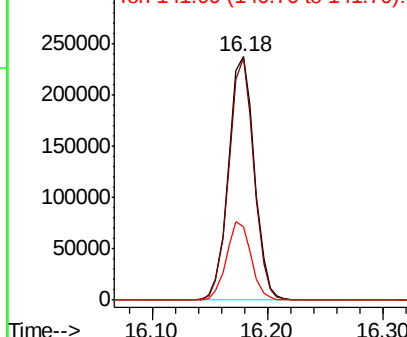


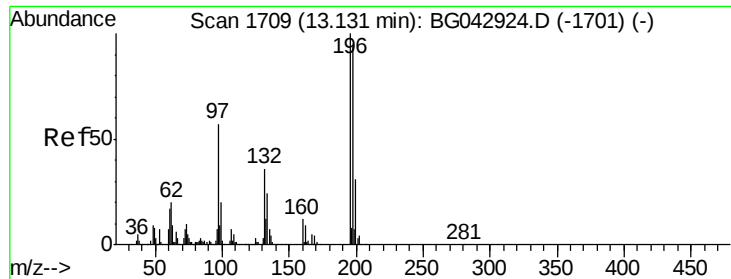
Abundance

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





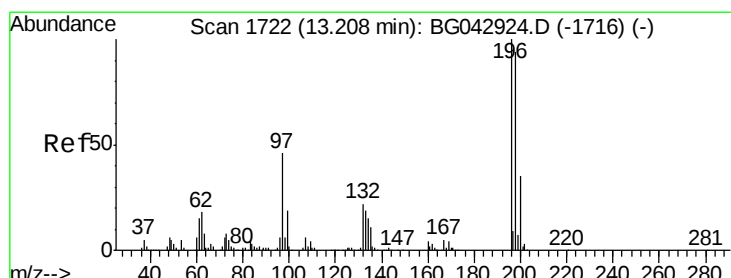
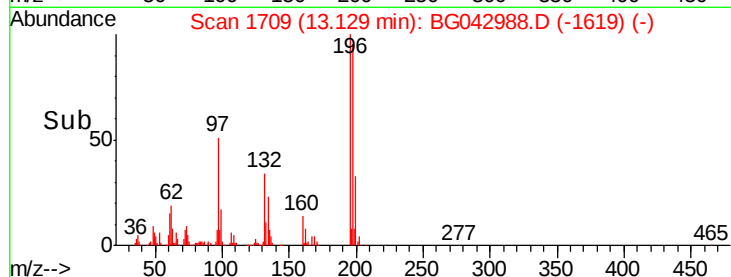
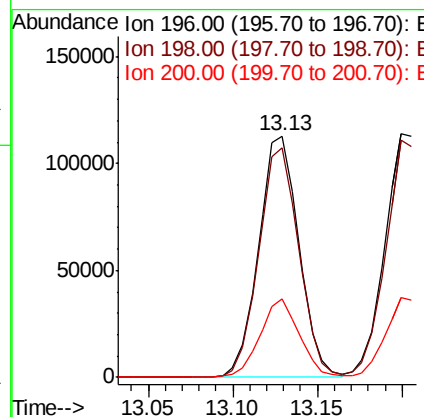
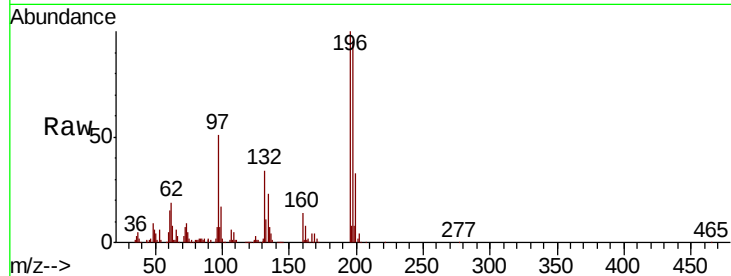
#43
 2,4,6-Trichlorophenol
 Concen: 44.289 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG042988.D
 Acq: 2 Oct 2019 17:10

Instrument :
 BNA_G
 ClientSampleId :
 PB123559BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	185812		
198	95.3	75.5	113.3	
200	32.8	24.9	37.3	

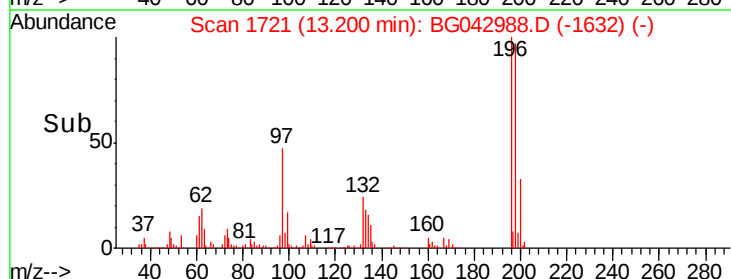
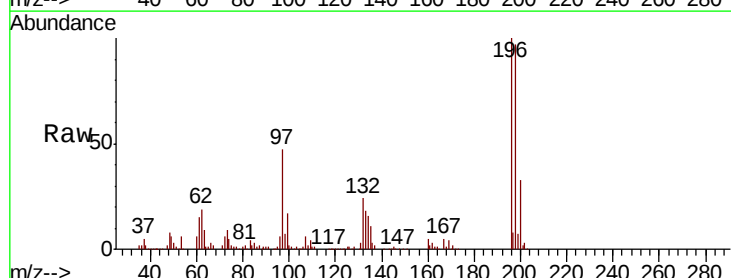
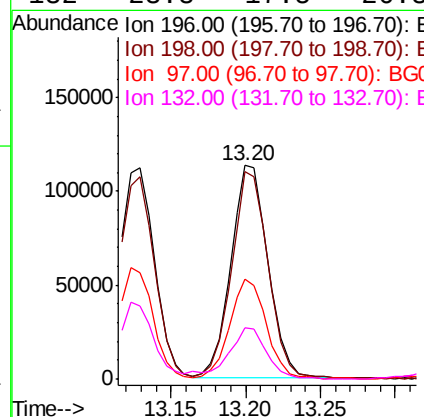
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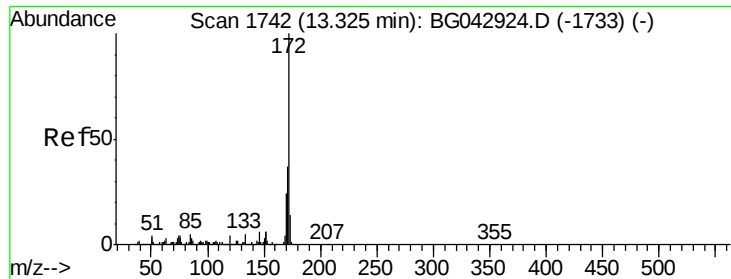
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#44
 2,4,5-Trichlorophenol
 Concen: 45.498 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG042988.D
 Acq: 2 Oct 2019 17:10

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	196640		
198	97.2	75.1	112.7	
97	46.6	37.0	55.4	
132	23.8	17.5	26.3	





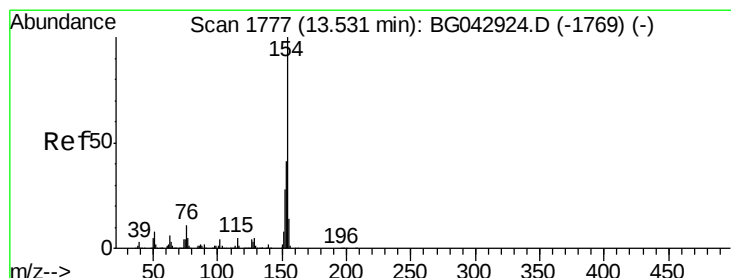
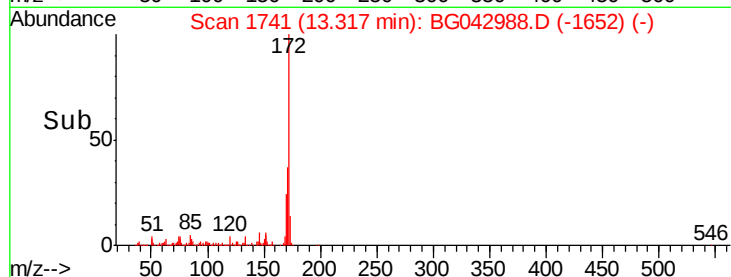
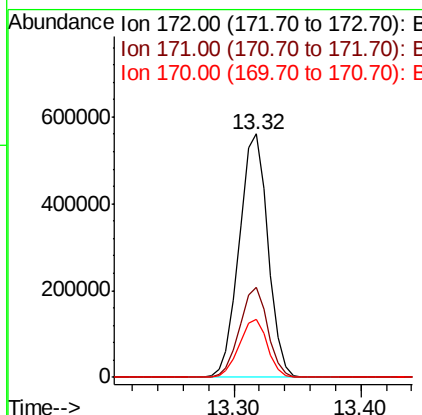
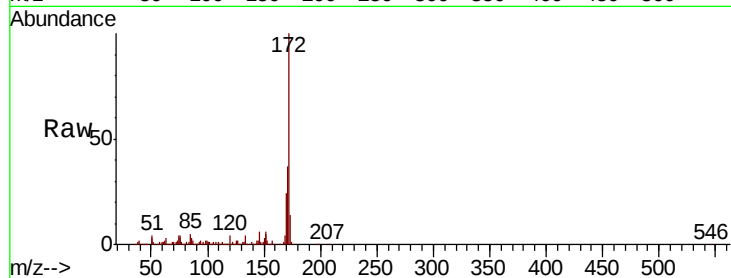
#45
2-Fluorobiphenyl
Concen: 66.855 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.01 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Instrument :
BNA_G
ClientSampleId :
PB123559BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	23.7	19.6	29.4

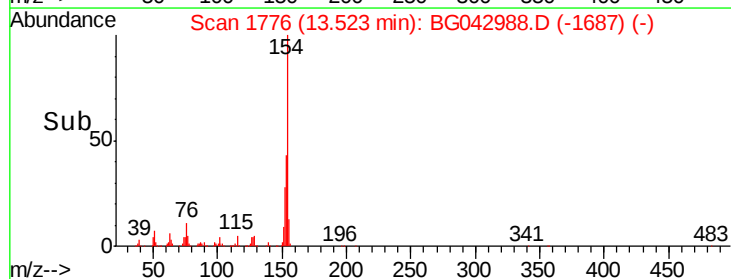
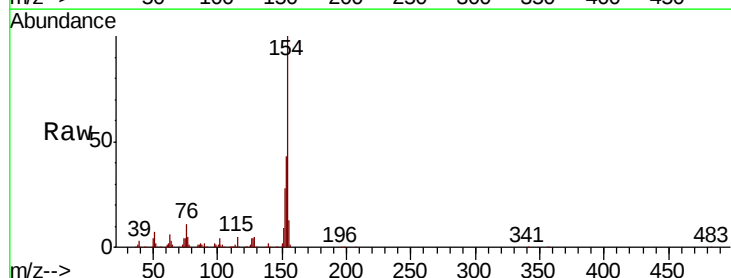
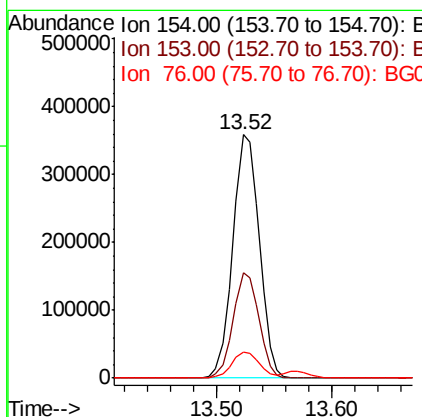
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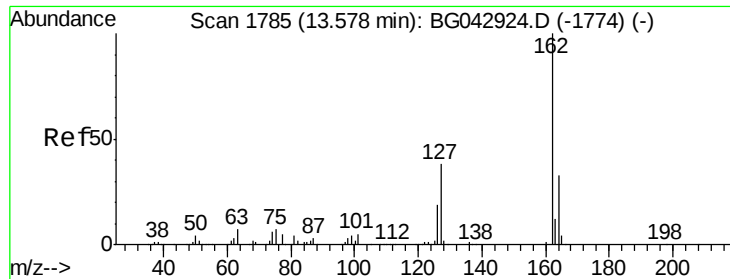
mohammad
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#46
1,1'-Biphenyl
Concen: 39.491 ng
RT: 13.52 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.2	21.4	61.4
76	10.9	0.0	31.3





#47

2-Chloronaphthalene

Concen: 42.135 ng

RT: 13.57 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Instrument :

BNA_G

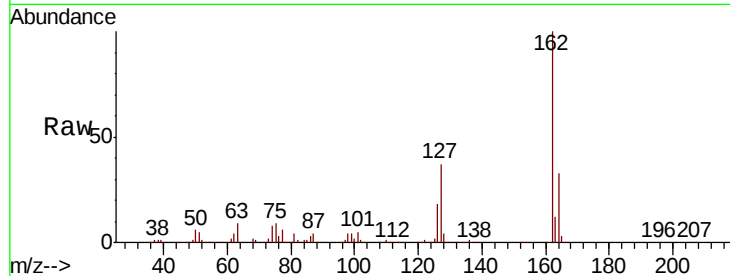
ClientSampleId :

PB123559BSD

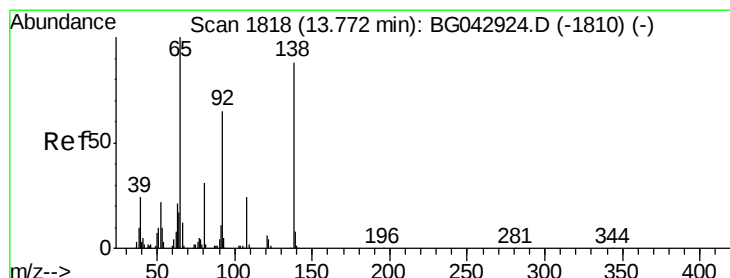
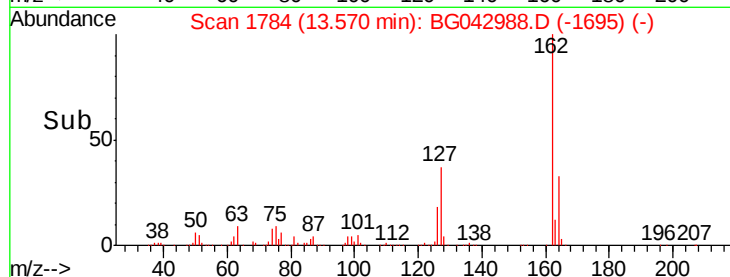
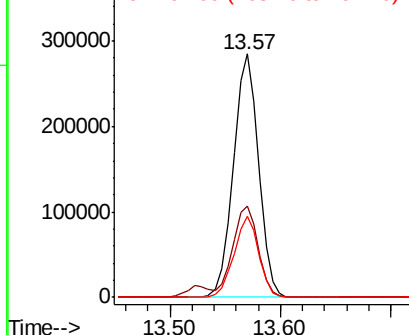
Tot Ion:	162	Resp:	456713
Ion Ratio	Lower	Upper	
162	100		
127	37.5	31.0	46.6
164	33.0	26.2	39.2

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



#48

2-Nitroaniline

Concen: 42.369 ng

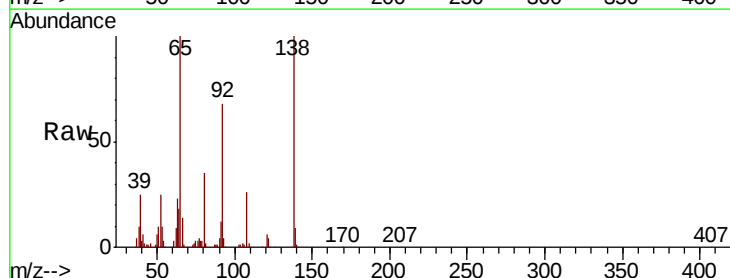
RT: 13.77 min Scan# 1818

Delta R.T. -0.00 min

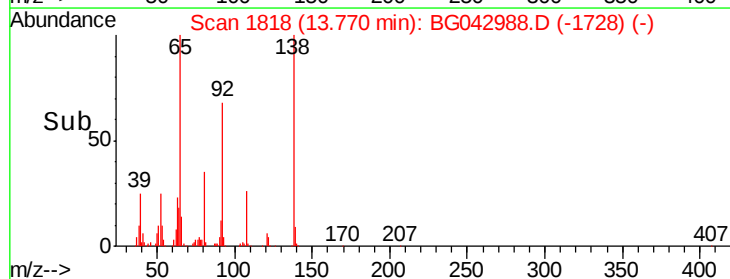
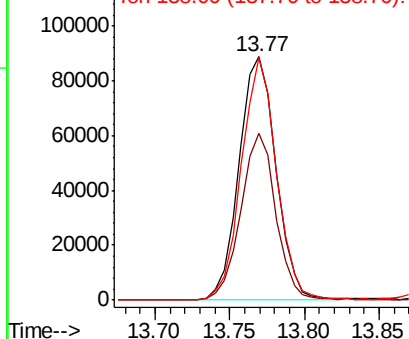
Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Tgt Ion:	65	Resp:	152720
Ion Ratio	Lower	Upper	
65	100		
92	68.4	52.0	78.0
138	99.7	70.4	105.6



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.093 ng

RT: 14.42 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Instrument :

BNA_G

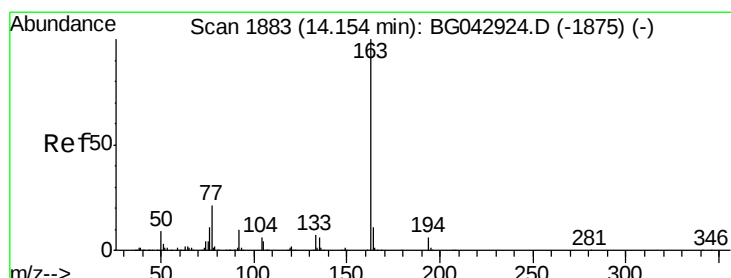
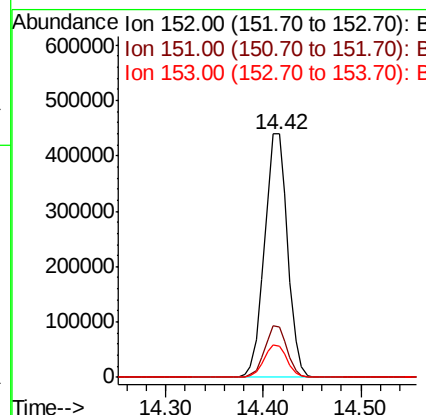
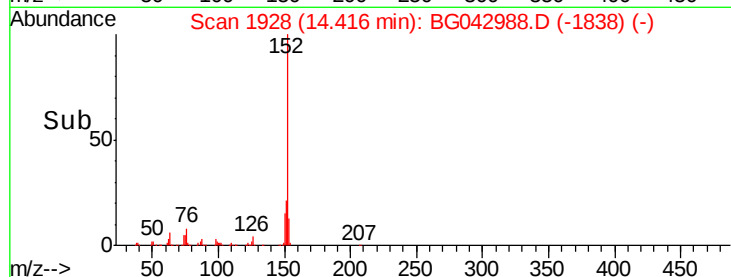
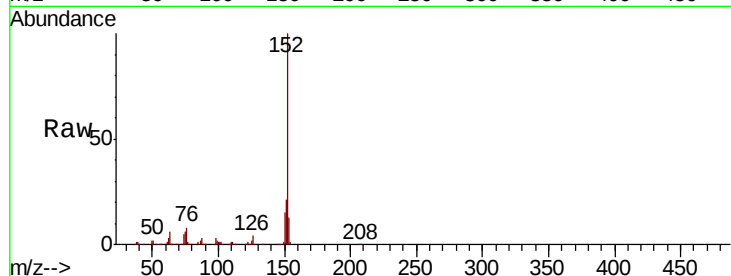
ClientSampleId :

PB123559BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		731312		
151	20.9	16.8	25.2		
153	12.7	11.3	16.9		

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#50

Dimethylphthalate

Concen: 40.718 ng

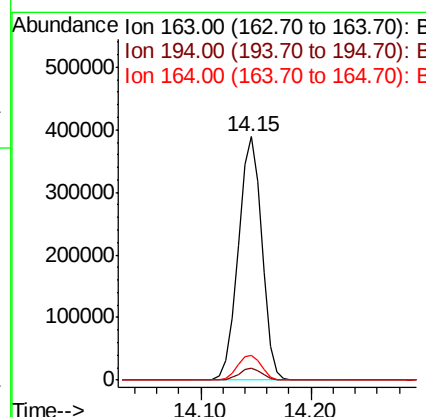
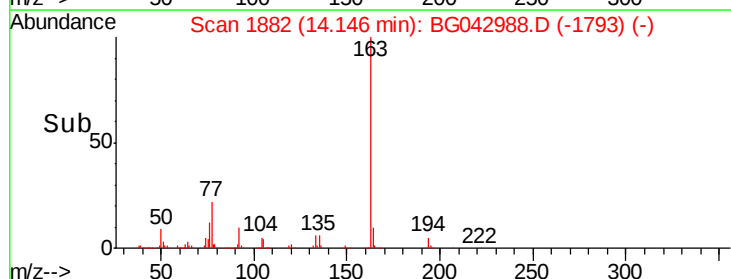
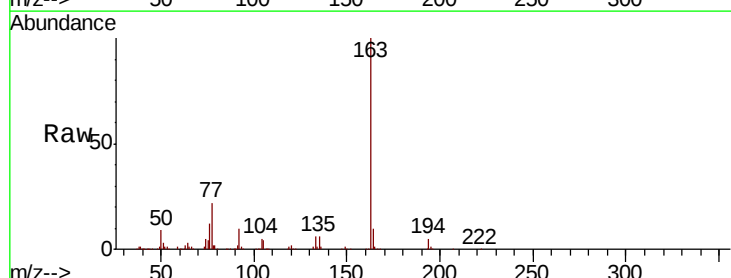
RT: 14.15 min Scan# 1882

Delta R.T. -0.01 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		581617		
194	4.8	4.4	6.6		
164	10.4	8.6	12.8		





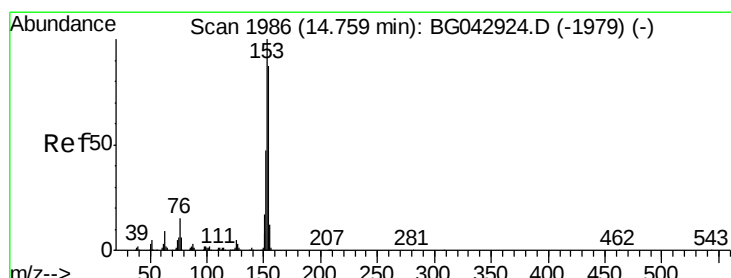
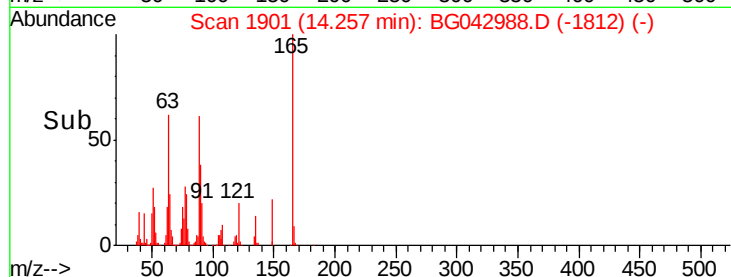
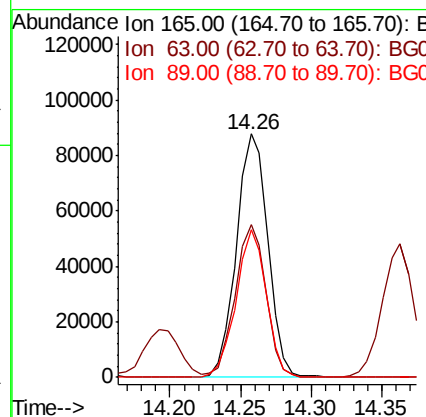
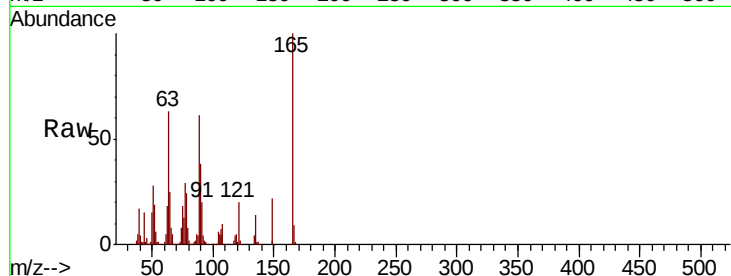
#51
 2,6-Dinitrotoluene
 Concen: 44.711 ng
 RT: 14.26 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: BG042988.D
 Acq: 2 Oct 2019 17:10

Instrument :
 BNA_G
 ClientSampleId :
 PB123559BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	62.6	50.3	75.5
89	60.5	48.9	73.3

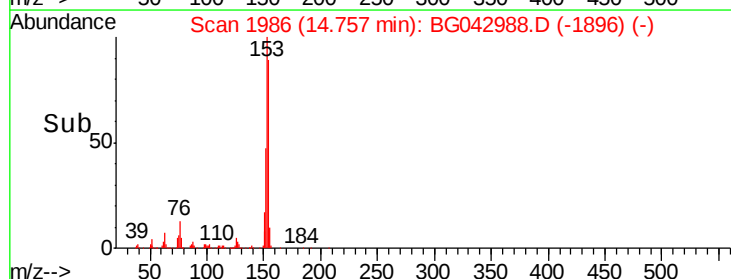
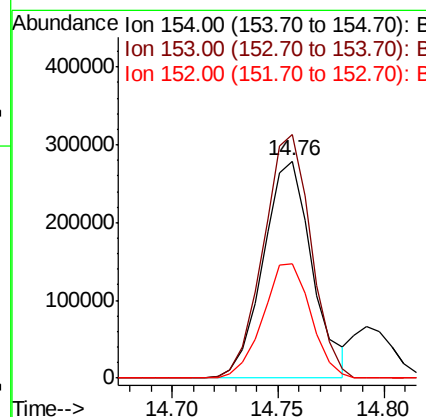
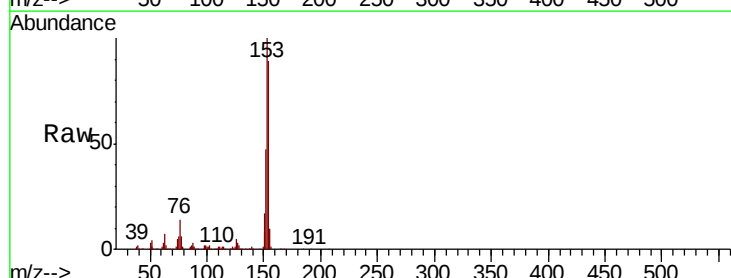
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#52
 Acenaphthene
 Concen: 40.524 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: BG042988.D
 Acq: 2 Oct 2019 17:10

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.2	91.4	137.0
152	52.9	42.8	64.2





#53

3-Nitroaniline

Concen: 32.466 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Instrument :

BNA_G

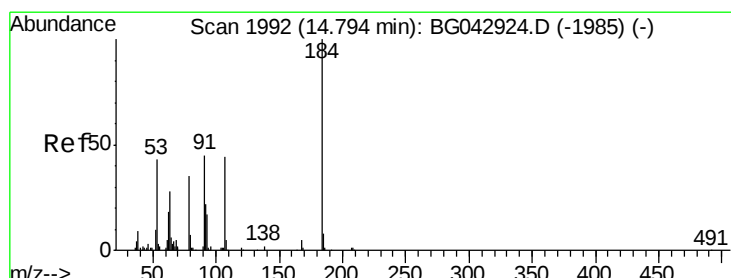
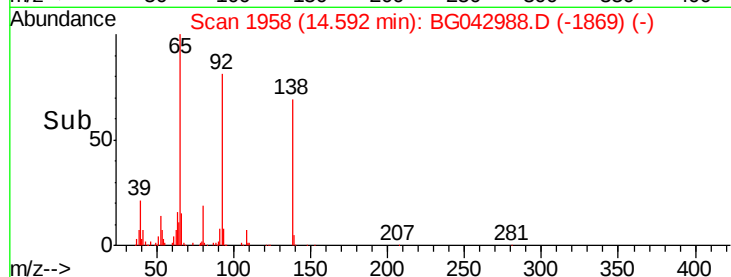
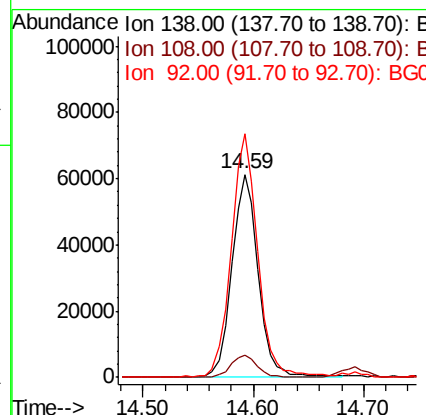
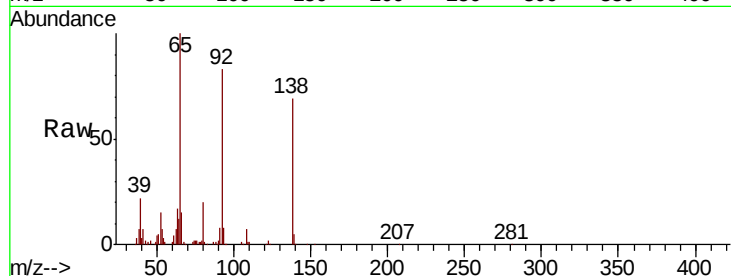
ClientSampleId :

PB123559BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.7	7.9	11.9
92	120.1	97.0	145.6

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#54

2,4-Dinitrophenol

Concen: 86.170 ng

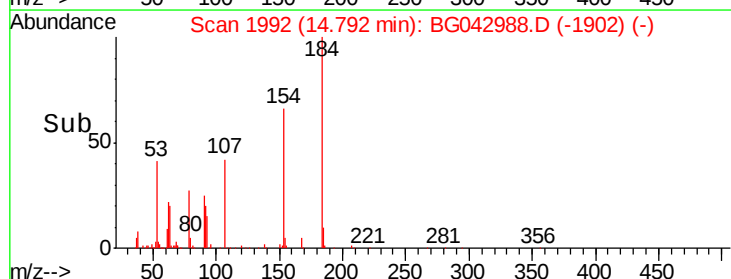
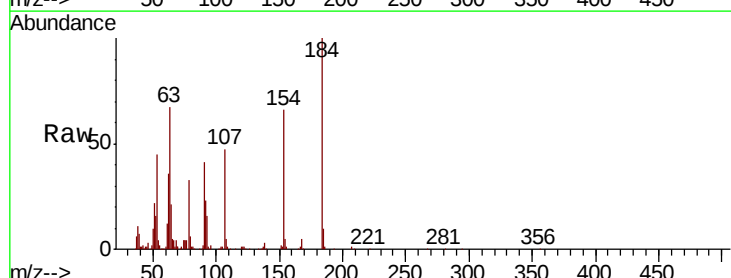
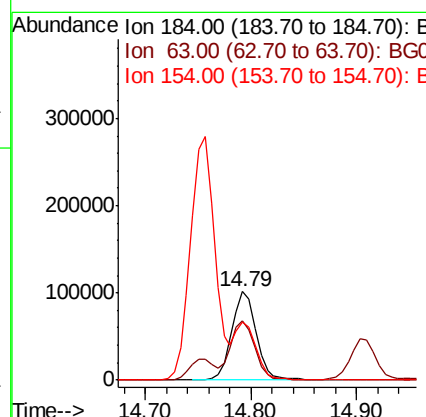
RT: 14.79 min Scan# 1992

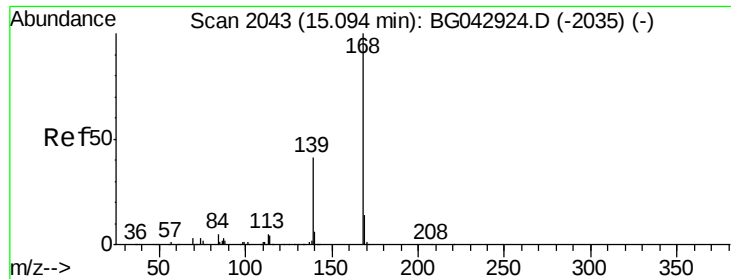
Delta R.T. -0.00 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Tgt Ion	Ratio	Lower	Upper
184	100		
63	67.1	55.0	82.6
154	66.1	56.5	84.7





#55

Dibenzofuran

Concen: 42.952 ng

RT: 15.09 min Scan# 2043

Delta R.T. -0.00 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Instrument :

BNA_G

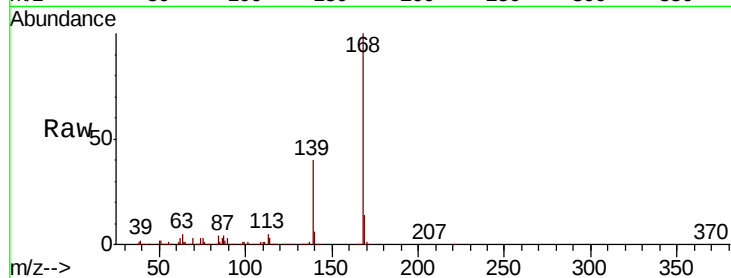
ClientSampleId :

PB123559BSD

Tot Ion:	168	Resp:	705378
Ion Ratio	Lower	Upper	
168	100		
139	39.8	32.6	48.8
169	13.7	11.2	16.8

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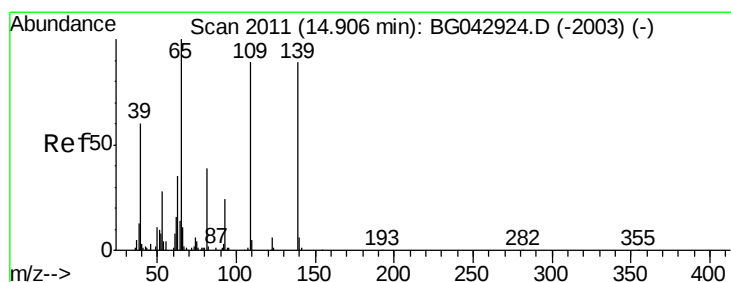
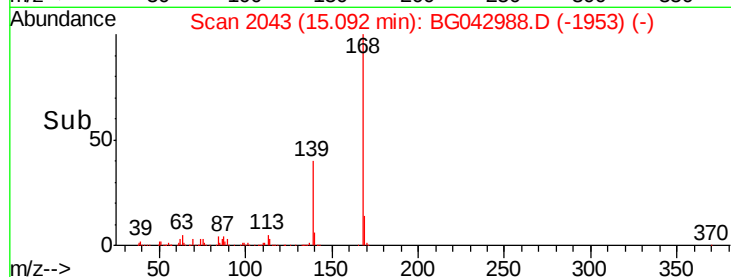
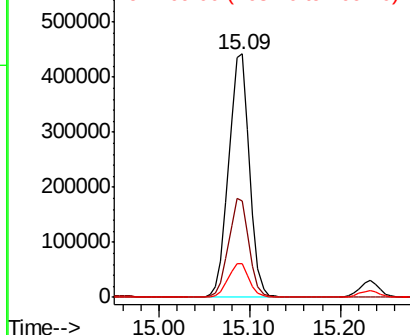


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 91.957 ng

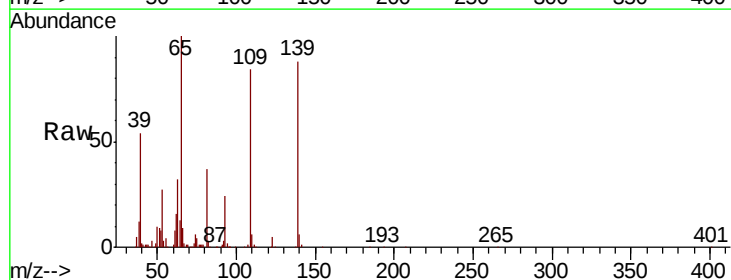
RT: 14.91 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Tgt Ion:	139	Resp:	220259
Ion Ratio	Lower	Upper	
139	100		
109	95.9	79.4	119.4
65	113.9	92.5	132.5

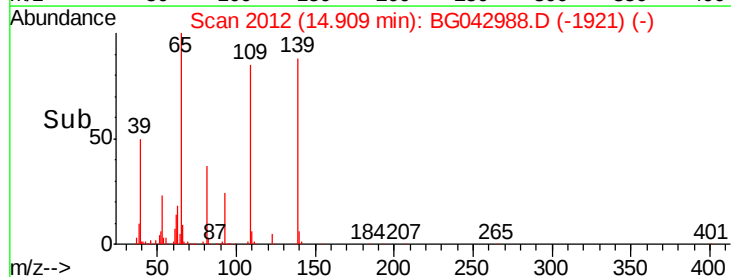
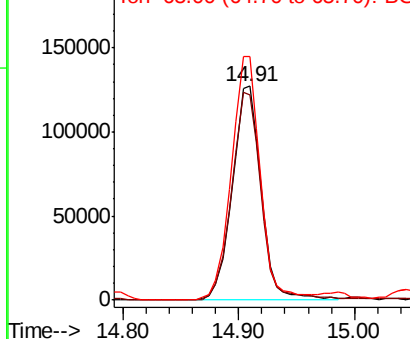


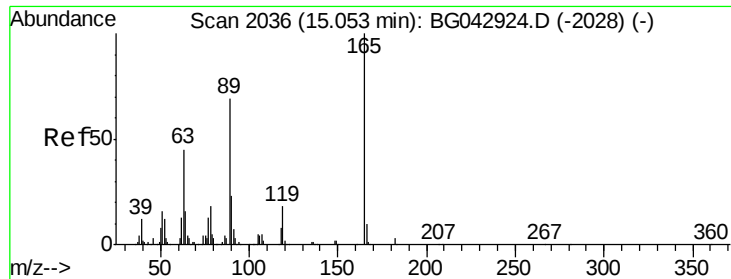
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





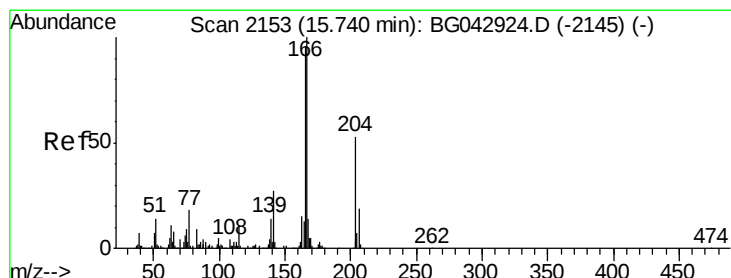
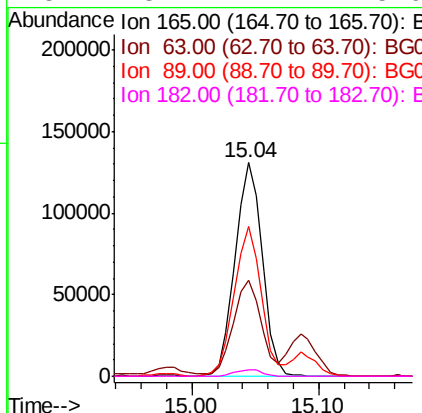
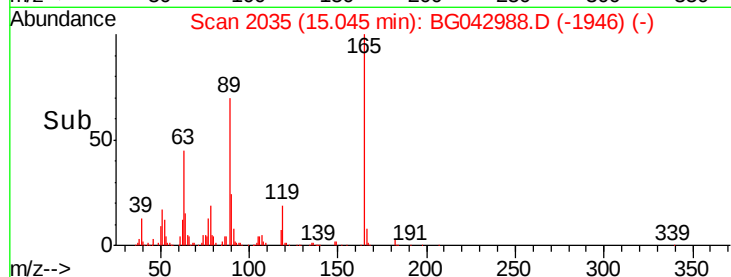
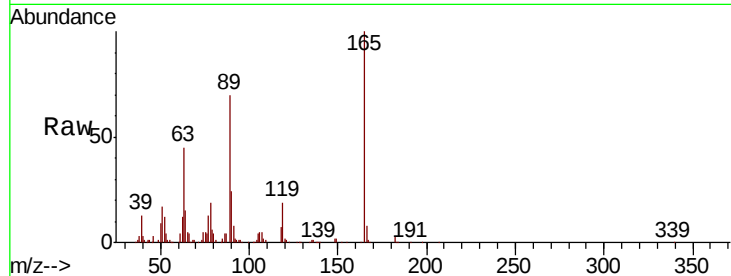
#57
 2,4-Dinitrotoluene
 Concen: 43.416 ng
 RT: 15.04 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BG042988.D
 Acq: 2 Oct 2019 17:10

Instrument :
 BNA_G
 ClientSampleId :
 PB123559BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	193399		
63	45.2	36.5	54.7	
89	70.3	55.5	83.3	
182	3.1	2.4	3.6	

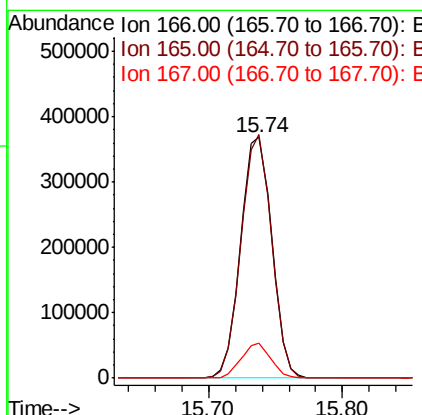
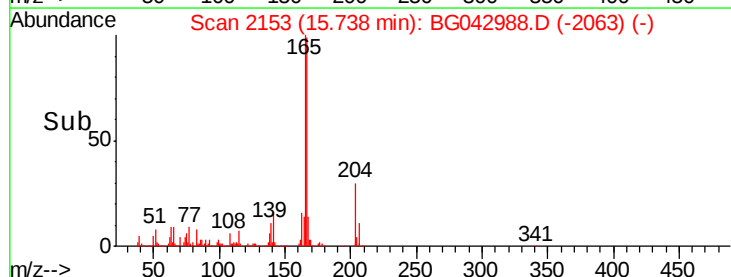
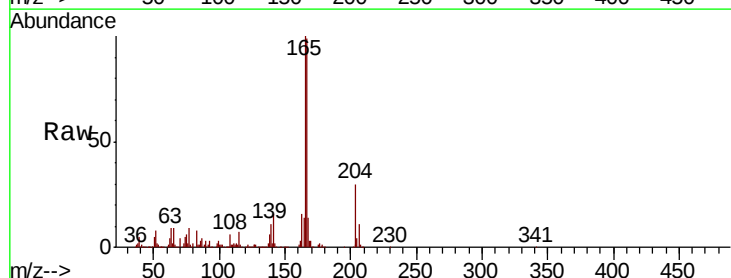
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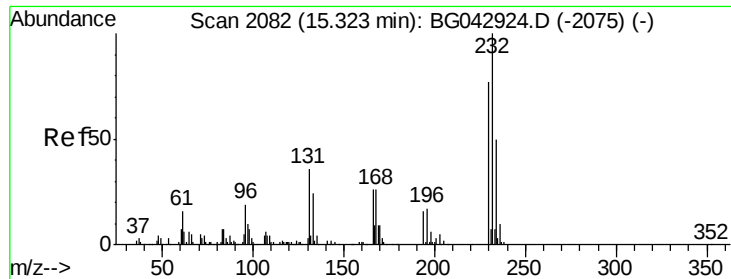
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#58
 Fluorene
 Concen: 42.375 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: BG042988.D
 Acq: 2 Oct 2019 17:10

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	594125		
165	101.2	77.1	115.7	
167	14.3	11.0	16.6	





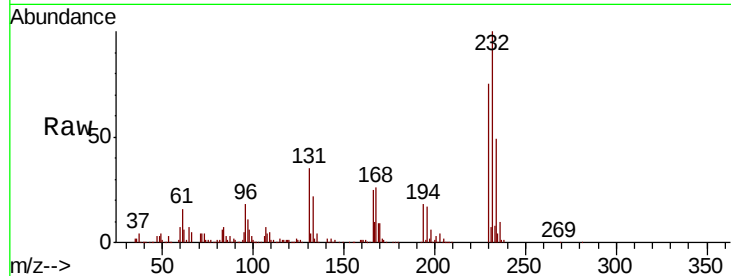
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.633 ng
RT: 15.31 min Scan# 2081
Delta R.T. -0.01 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Instrument :
BNA_G
ClientSampleId :
PB123559BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	205388		
131	32.7		29.6	44.4
130	2.4		1.9	2.9
166	22.2		21.8	32.8

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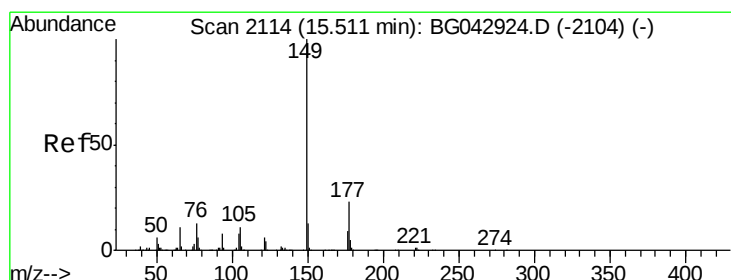
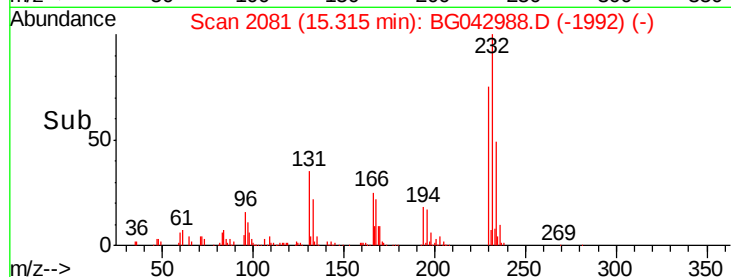
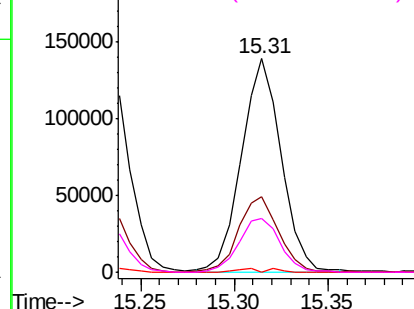
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

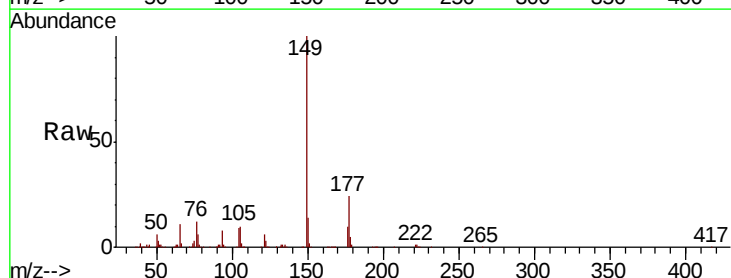
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 40.694 ng
RT: 15.50 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	591561		
177	23.7		18.8	28.2
150	13.7		10.6	15.8

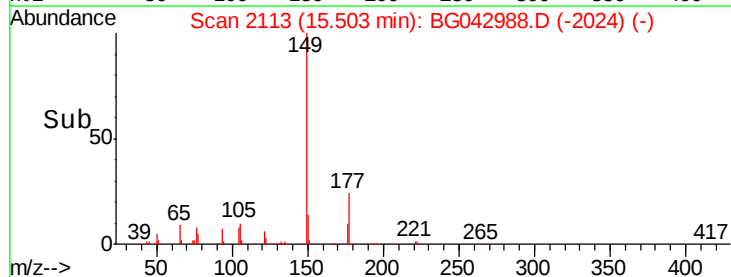
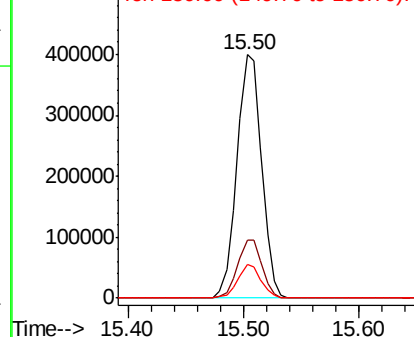


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





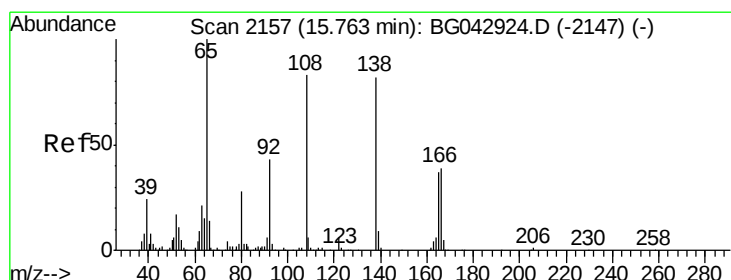
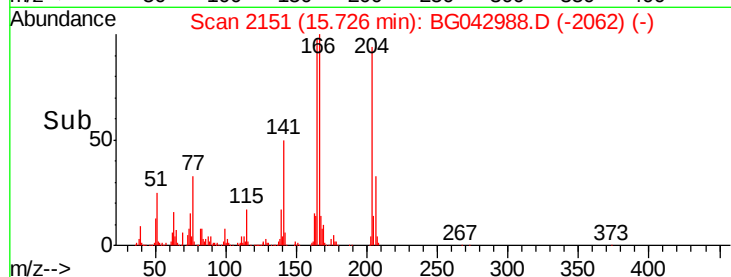
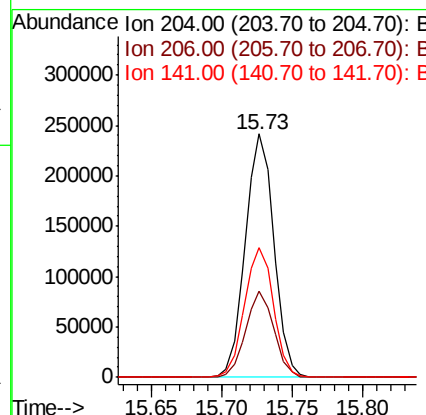
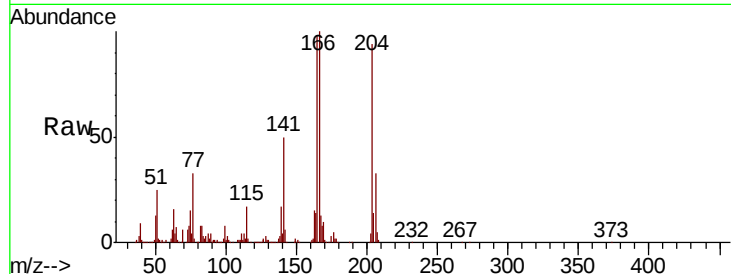
#61
4-Chlorophenyl-phenylether
Concen: 40.780 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Instrument :
BNA_G
ClientSampleId :
PB123559BSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	342911		
206	35.4	28.5	42.7	
141	53.3	42.4	63.6	

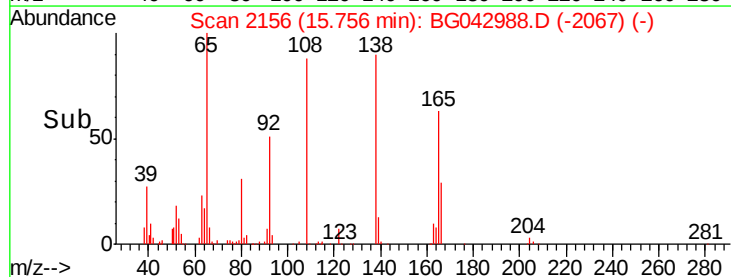
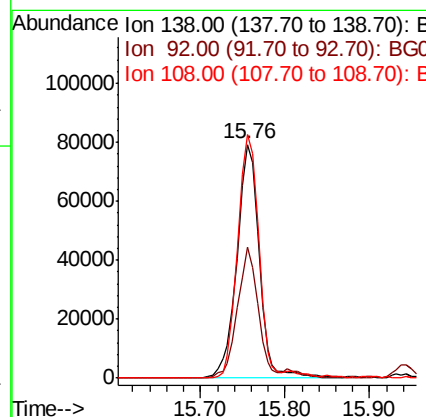
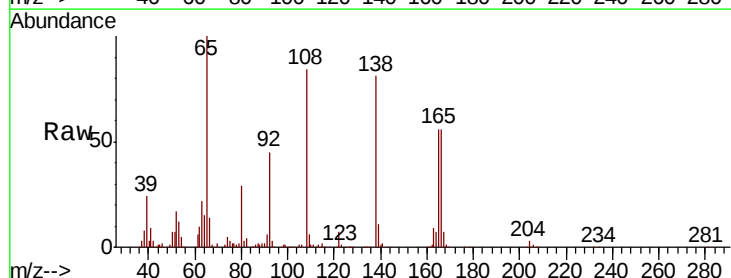
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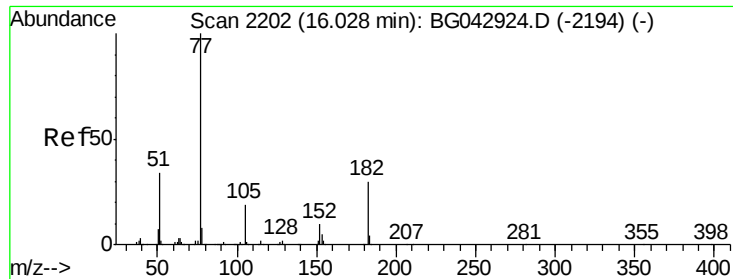
mohammad
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#62
4-Nitroaniline
Concen: 42.052 ng
RT: 15.76 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	144176		
92	55.8	32.9	72.9	
108	104.1	81.3	121.3	





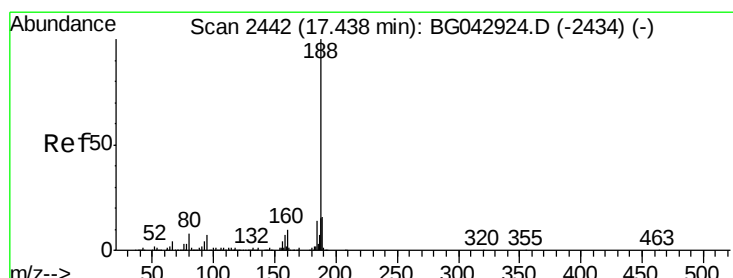
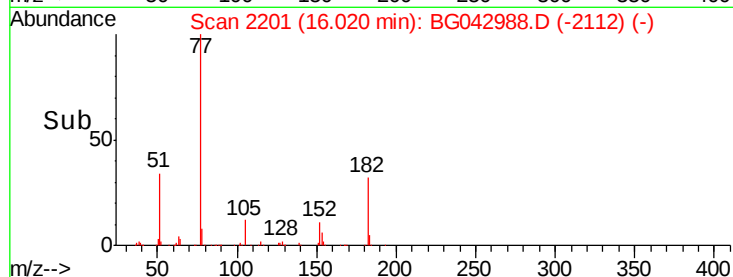
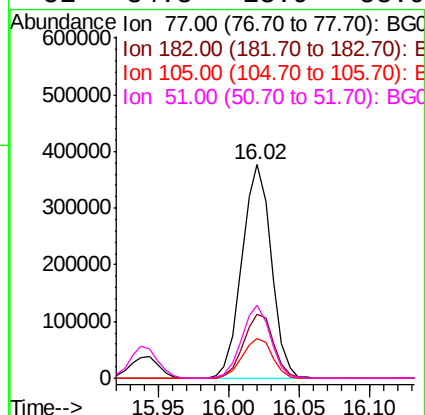
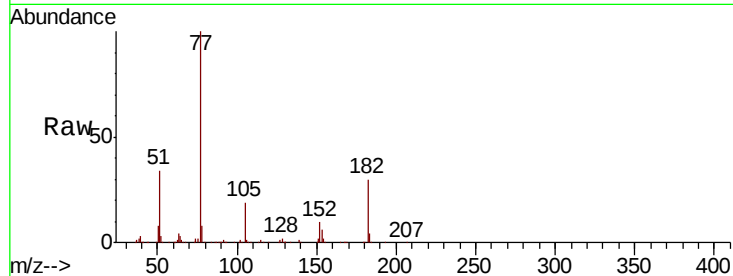
#63
Azobenzene
Concen: 41.142 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Instrument :
BNA_G
ClientSampleId :
PB123559BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	30.1	10.2	50.2
105	18.9	0.0	39.1
51	34.3	13.9	53.9

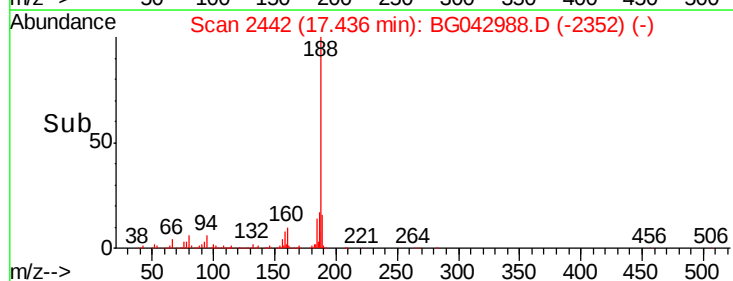
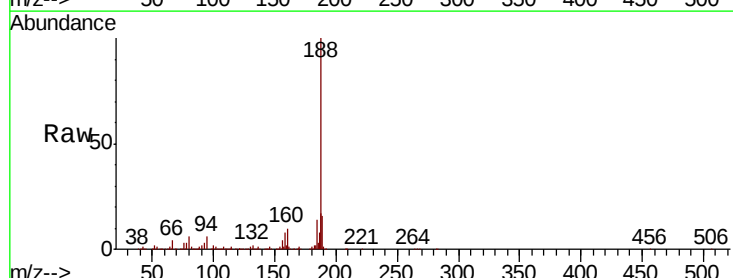
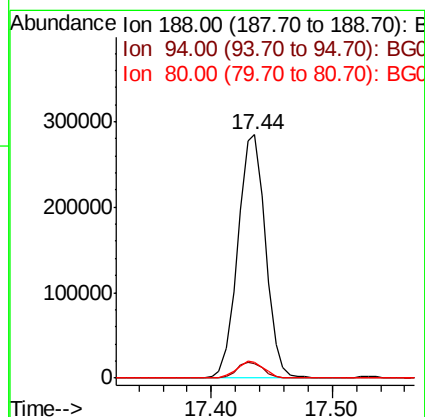
Manual Integrations
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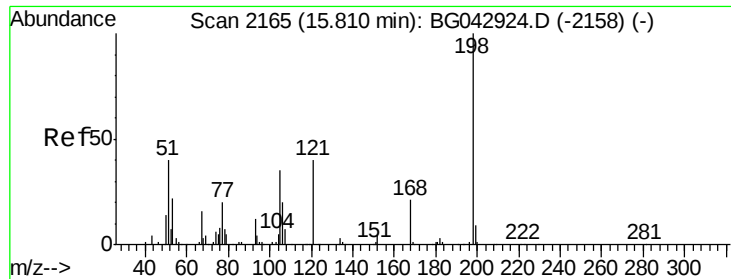
mohammad
10/4/2019 8:17:49 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.8	5.7	8.5
80	6.3	6.5	9.7#





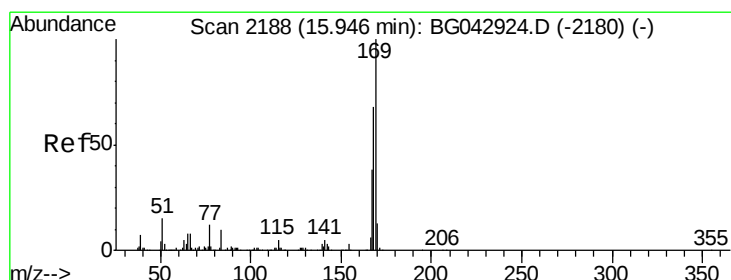
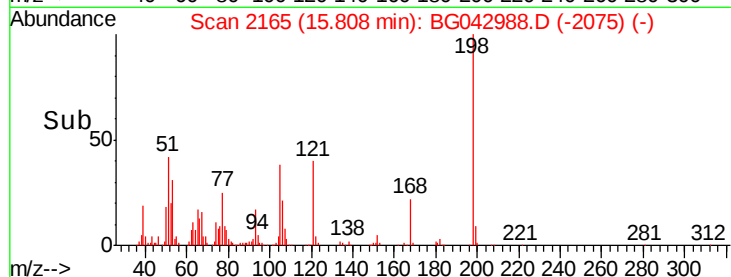
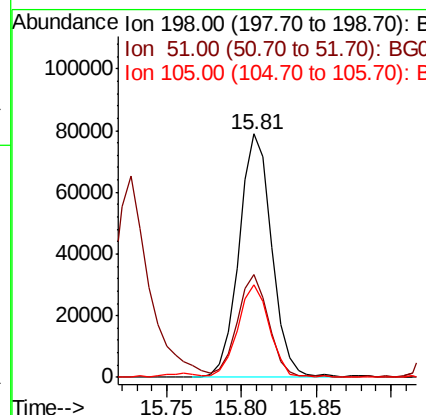
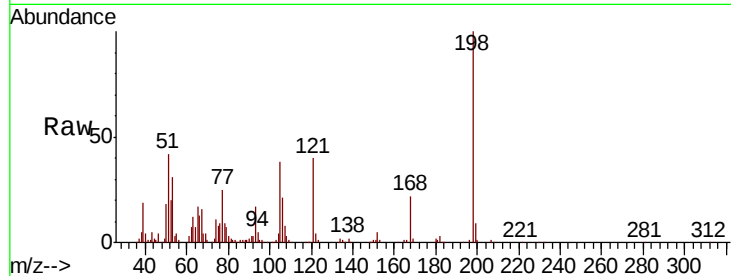
#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.711 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: BG042988.D
 Acq: 2 Oct 2019 17:10

Instrument :
 BNA_G
 ClientSampleId :
 PB123559BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	120303		
51	42.2	25.3	65.3	
105	38.3	16.6	56.6	

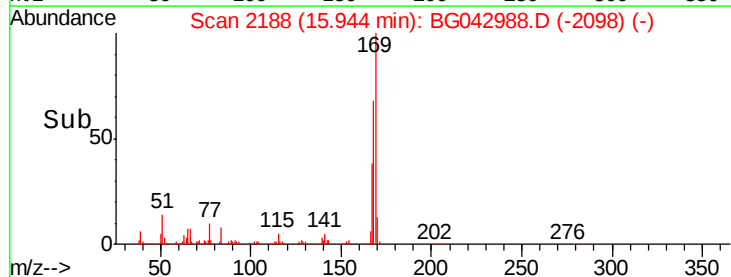
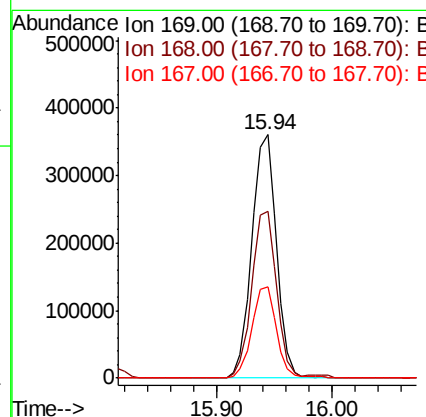
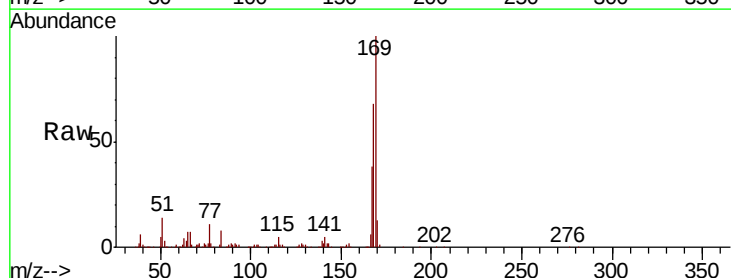
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#66
 n-Nitrosodiphenylamine
 Concen: 44.608 ng
 RT: 15.94 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: BG042988.D
 Acq: 2 Oct 2019 17:10

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	535961		
168	68.4	54.8	82.2	
167	37.7	30.6	46.0	





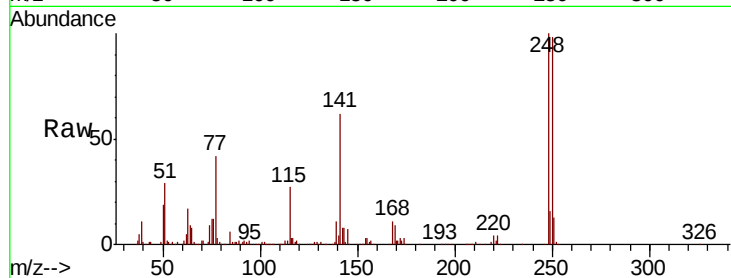
#67
4-Bromophenyl-phenylether
Concen: 43.253 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Instrument :
BNA_G
ClientSampleId :
PB123559BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	75.8	113.8
141	62.1	51.1	76.7

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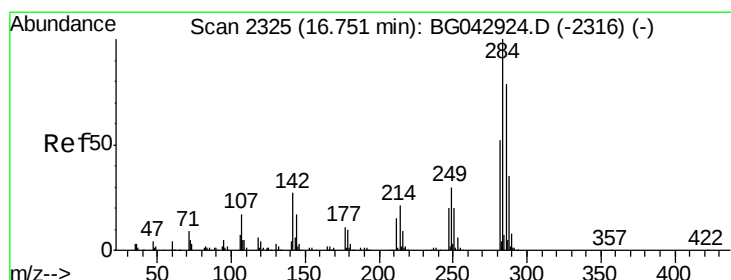
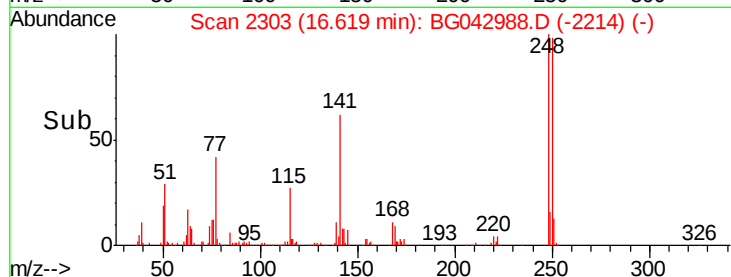
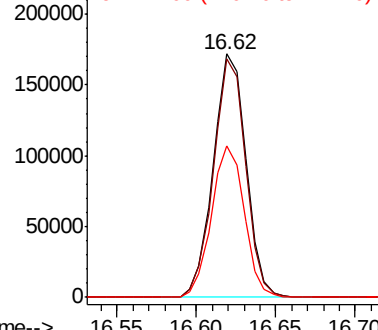


Abundance

Ion 248.00 (247.70 to 248.70): E

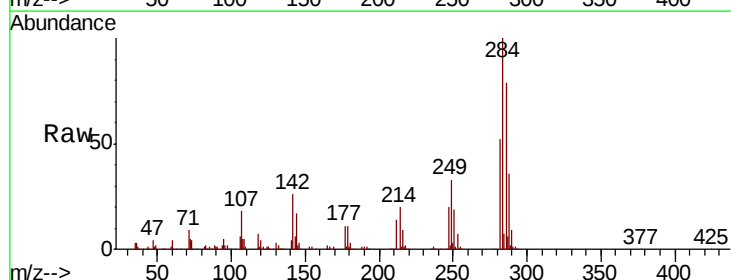
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.820 ng
RT: 16.74 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.6	21.6	32.4
249	32.9	24.1	36.1

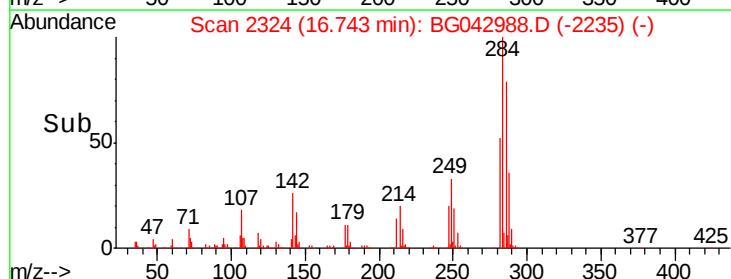
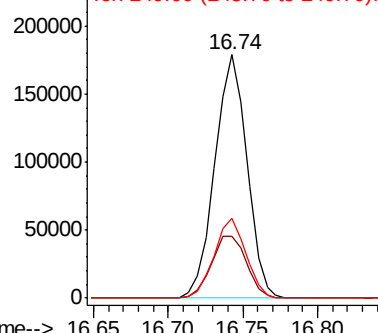


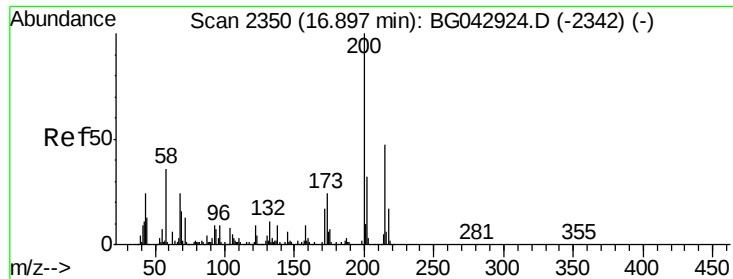
Abundance

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





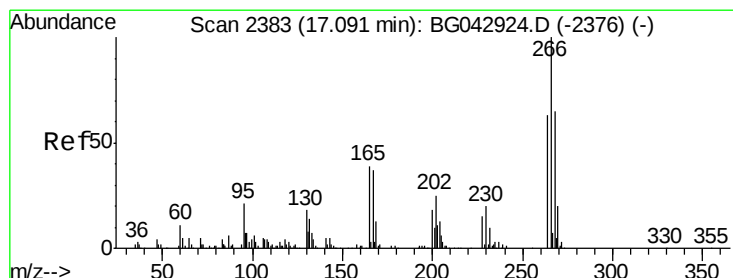
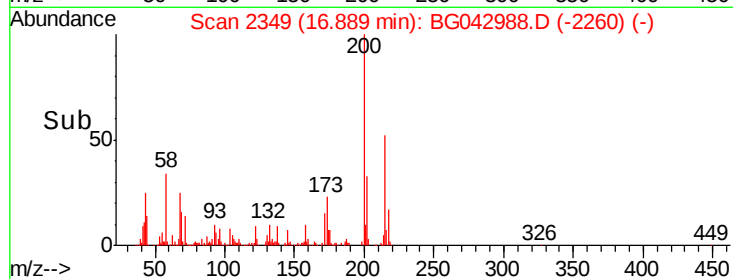
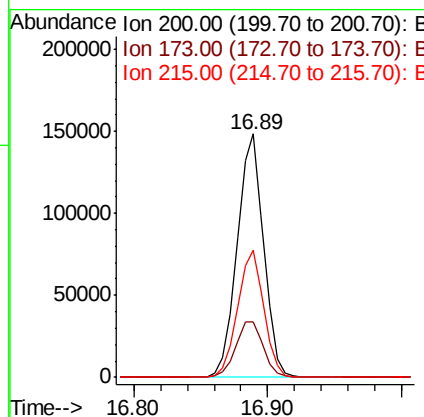
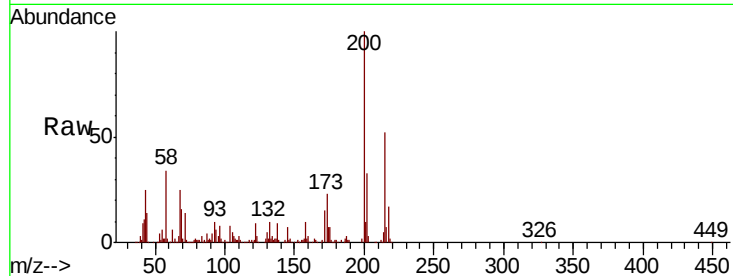
#69
Atrazine
Concen: 40.303 ng
RT: 16.89 min Scan# 2349
Delta R.T. -0.01 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Instrument :
BNA_G
ClientSampleId :
PB123559BSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	23.0	4.0	44.0
215	52.3	27.4	67.4

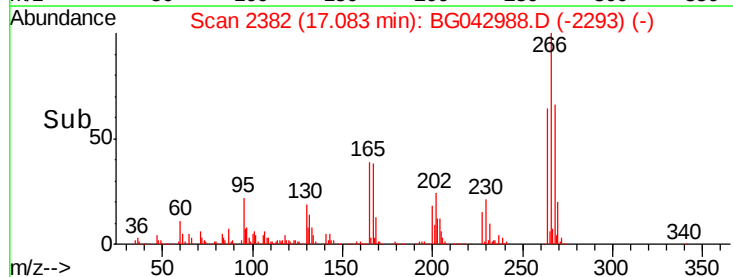
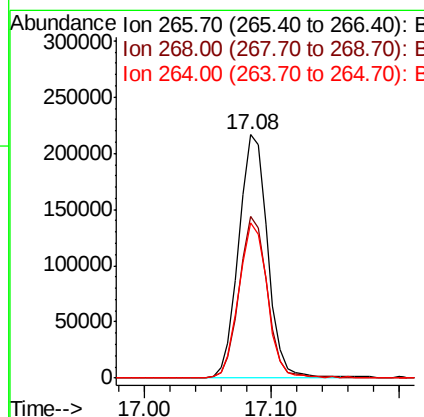
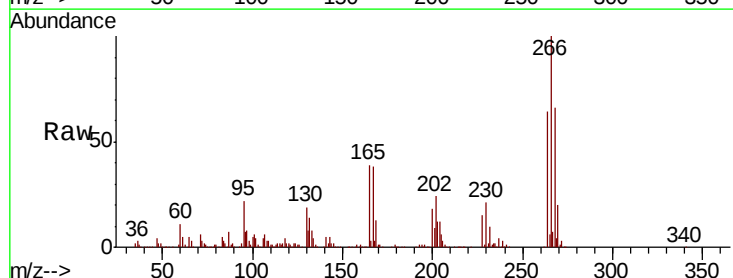
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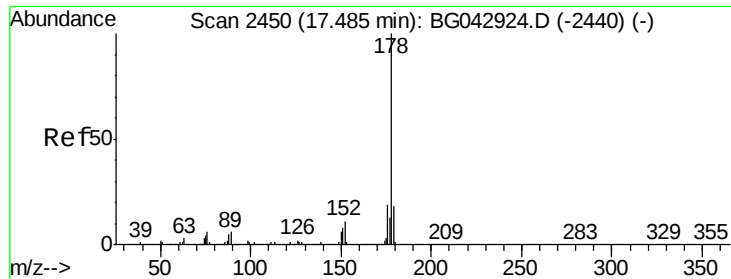
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#70
Pentachlorophenol
Concen: 93.165 ng
RT: 17.08 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	66.3	52.2	78.2
264	63.8	50.7	76.1





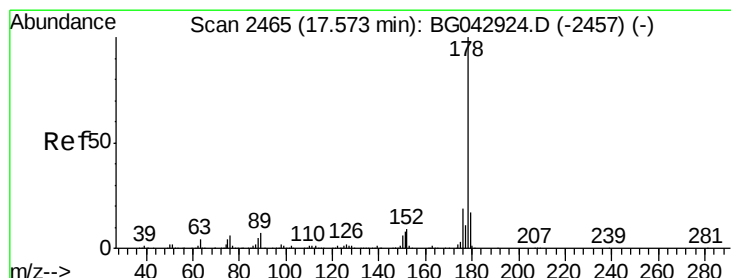
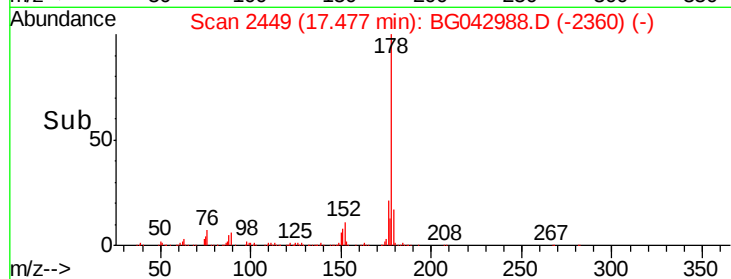
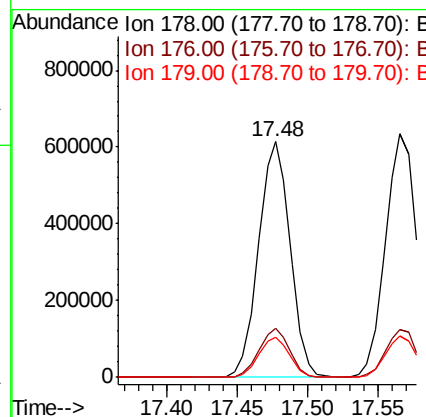
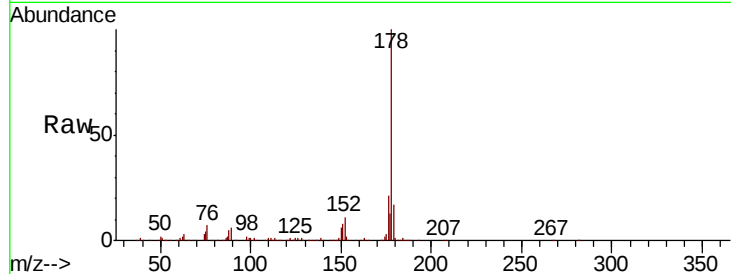
#71
Phenanthrene
Concen: 43.470 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Instrument :
BNA_G
ClientSampleId :
PB123559BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.1	22.7
179	16.9	14.1	21.1

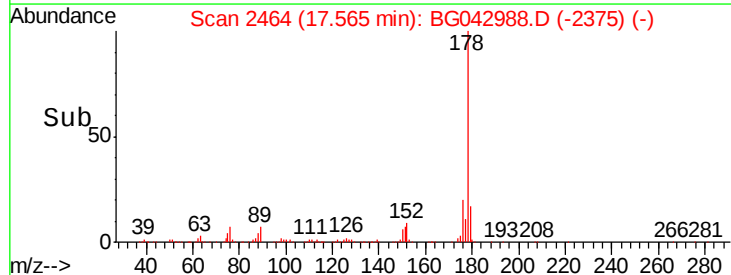
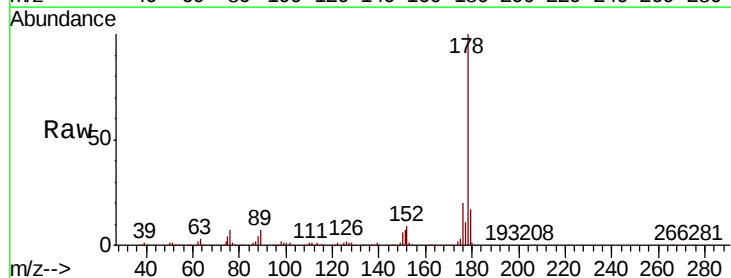
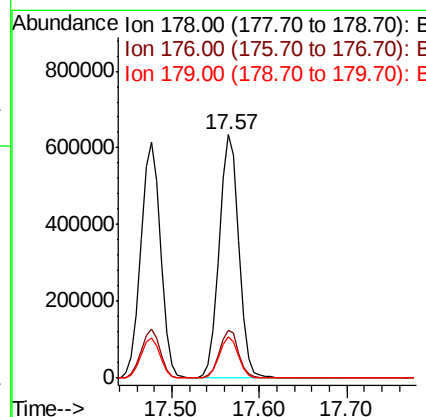
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#72
Anthracene
Concen: 44.577 ng
RT: 17.57 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.5	23.3
179	17.0	13.5	20.3





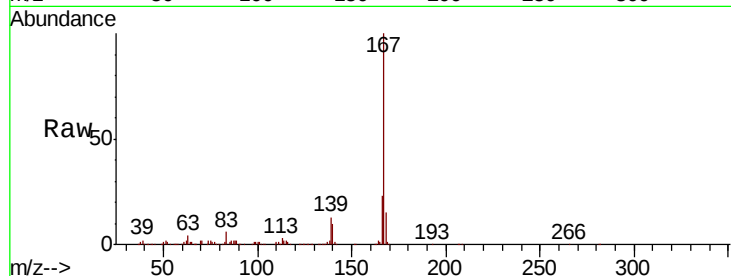
#73
 Carbazole
 Concen: 43.959 ng
 RT: 17.84 min Scan# 2510
 Delta R.T. -0.01 min
 Lab File: BG042988.D
 Acq: 2 Oct 2019 17:10

Instrument :
 BNA_G
 ClientSampleId :
 PB123559BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.1	18.6	28.0
139	13.4	10.8	16.2

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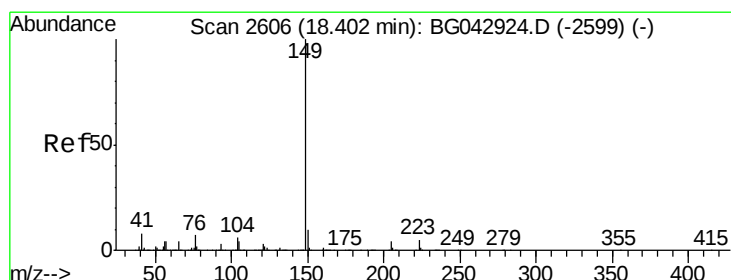
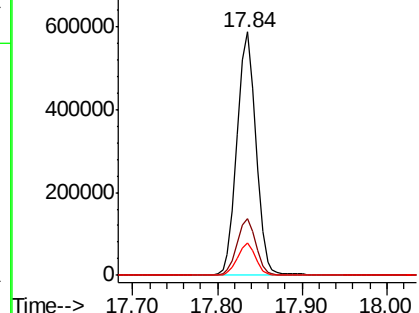
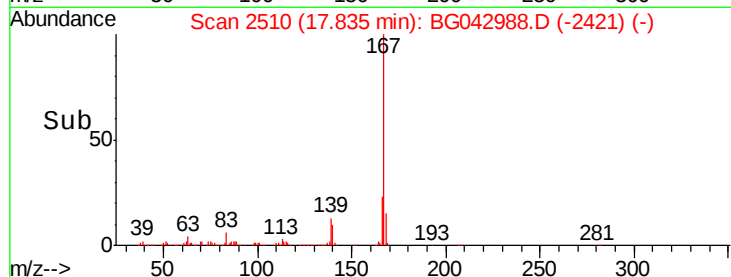


Abundance

Ion 167.00 (166.70 to 167.70): E

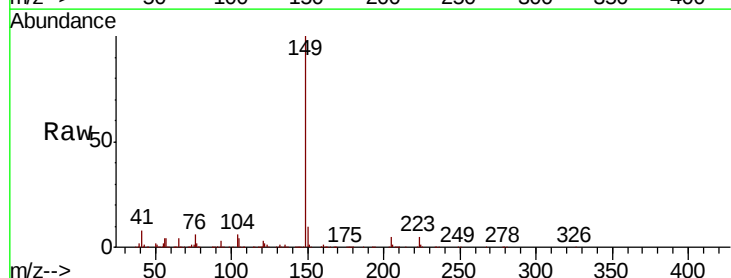
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 42.125 ng
 RT: 18.39 min Scan# 2605
 Delta R.T. -0.01 min
 Lab File: BG042988.D
 Acq: 2 Oct 2019 17:10

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.7	11.5
104	6.4	5.0	7.6

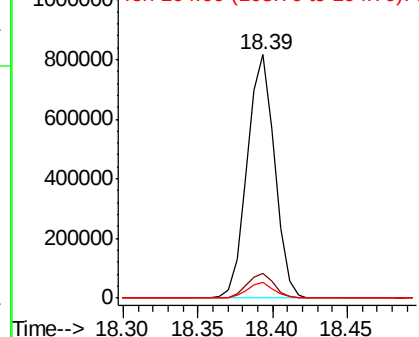
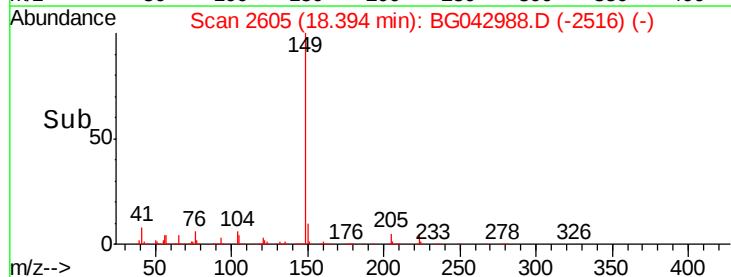


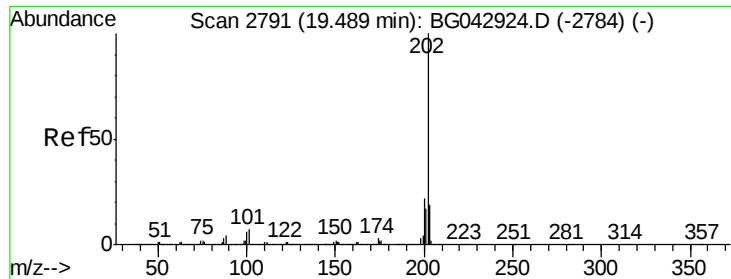
Abundance

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: 43.134 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Instrument :

BNA_G

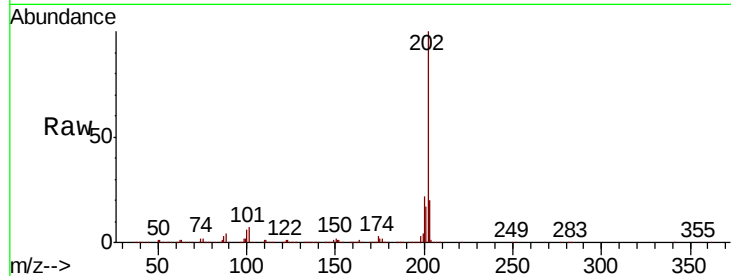
ClientSampleId :

PB123559BSD

Tot Ion:	202	Resp:	1267711
Ion	Ratio	Lower	Upper
202	100		
101	7.2	0.0	27.3
203	19.7	0.0	39.5

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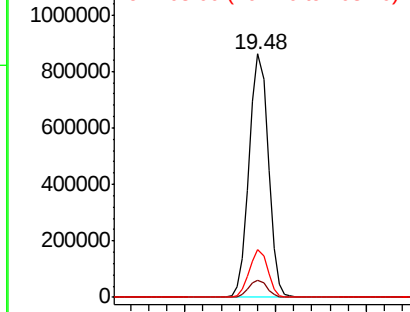


Abundance

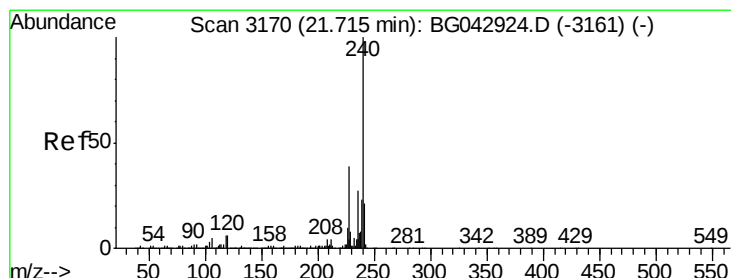
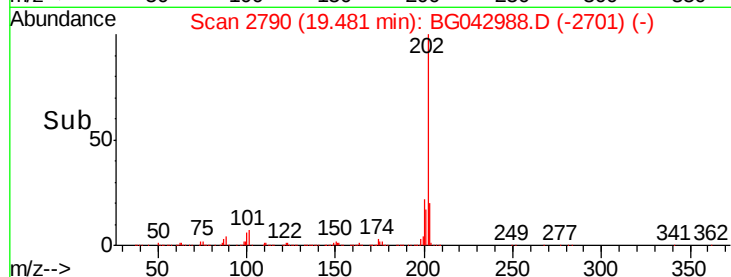
Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

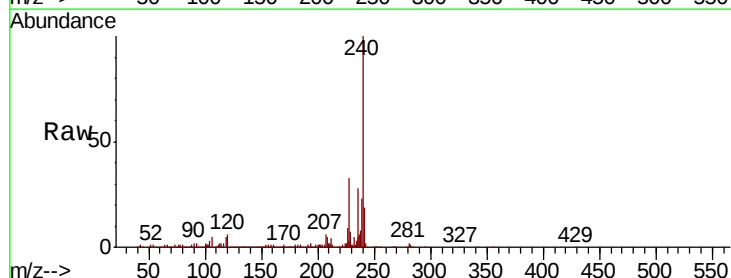
RT: 21.71 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Tgt Ion:	240	Resp:	508110
Ion	Ratio	Lower	Upper
240	100		
120	6.1	4.8	7.2
236	27.6	21.4	32.0

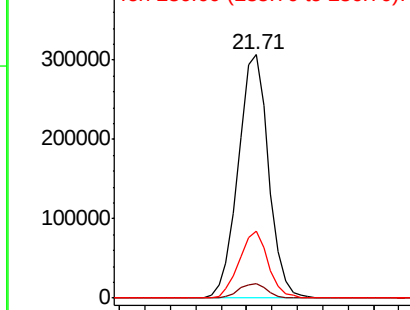


Abundance

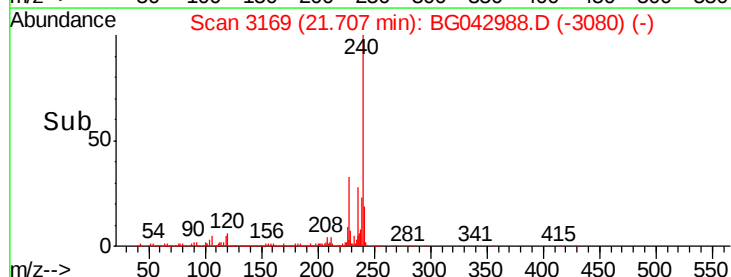
Ion 240.00 (239.70 to 240.70): E

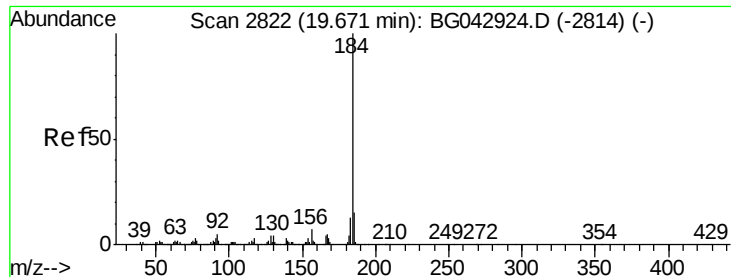
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 33.782 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Instrument :

BNA_G

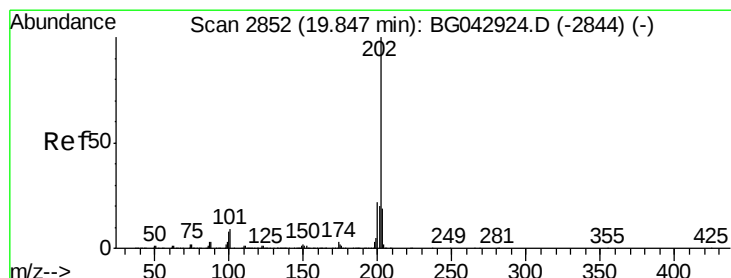
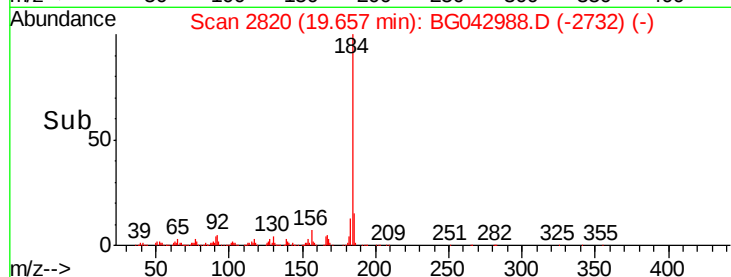
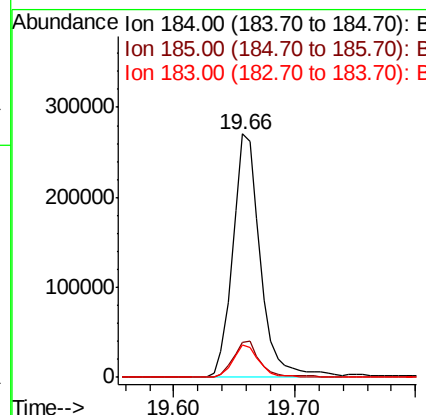
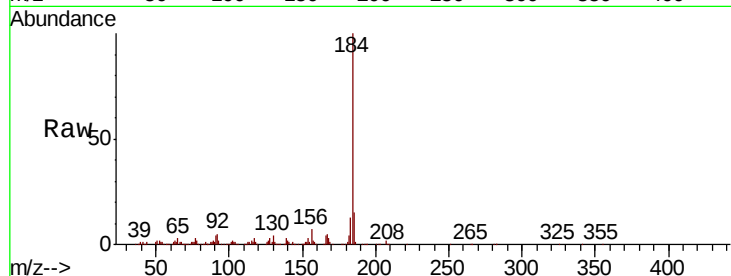
ClientSampleId :

PB123559BSD

Tot Ion:	184	Resp:	429796
Ion Ratio	Lower	Upper	
184	100		
185	14.6	11.8	17.8
183	13.4	10.1	15.1

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#78

Pyrene

Concen: 42.437 ng

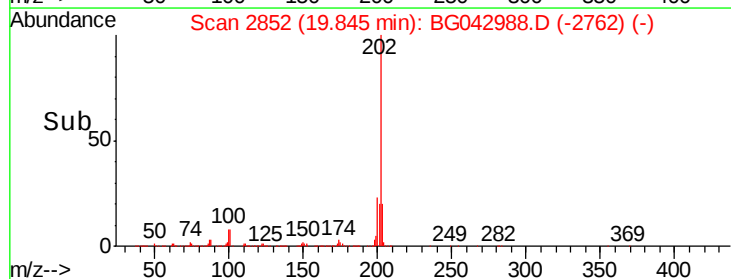
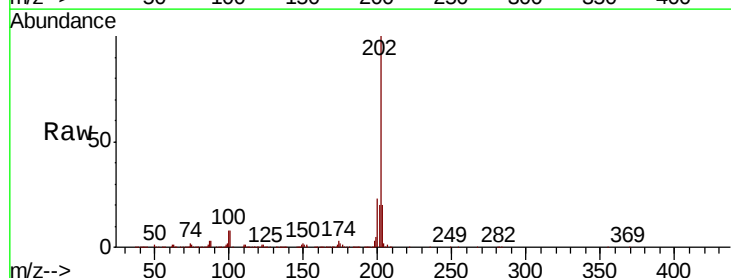
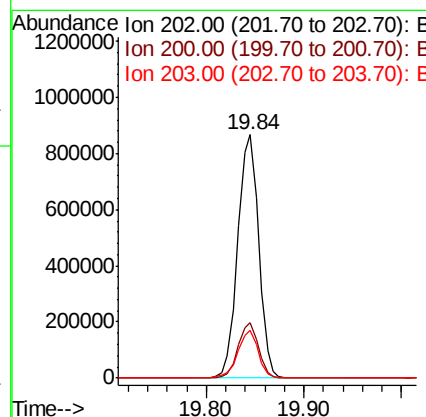
RT: 19.84 min Scan# 2852

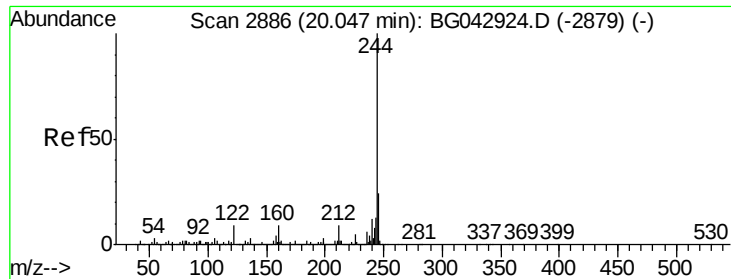
Delta R.T. -0.00 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Tgt Ion:	202	Resp:	1286985
Ion Ratio	Lower	Upper	
202	100		
200	22.8	17.6	26.4
203	19.7	15.2	22.8





#79

Terphenyl-d14

Concen: 70.822 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Instrument :

BNA_G

ClientSampleId :

PB123559BSD

Tot Ion:244 Resp: 1688752

Ion Ratio Lower Upper

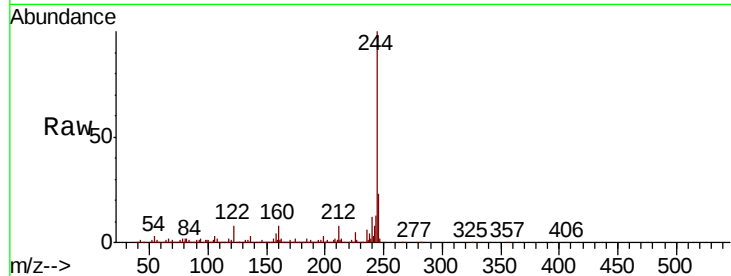
244 100

212 8.3 7.4 11.0

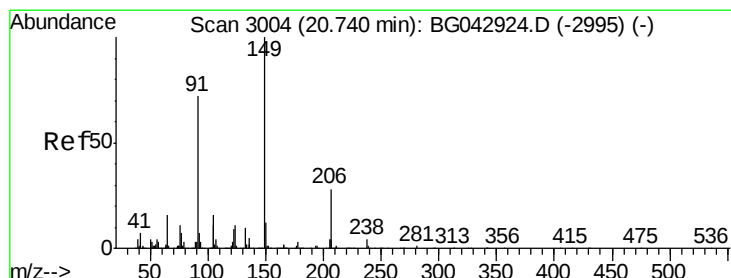
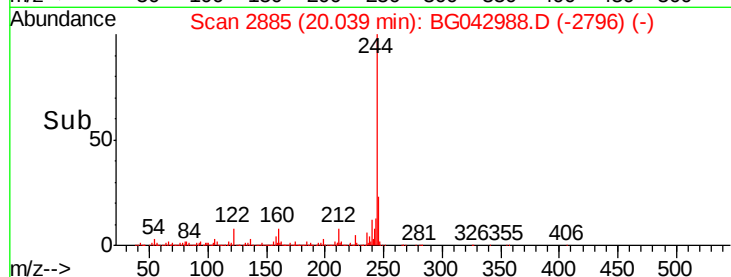
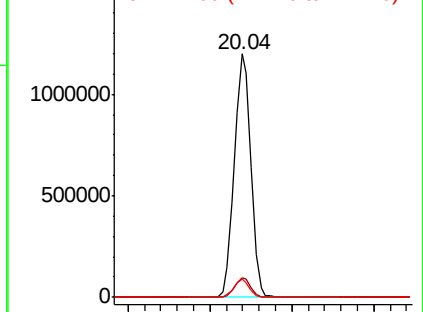
122 7.7 7.0 10.4

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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: 42.610 ng

RT: 20.73 min Scan# 3002

Delta R.T. -0.01 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

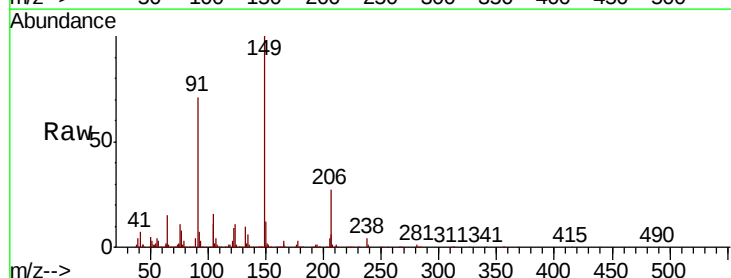
Tgt Ion:149 Resp: 490498

Ion Ratio Lower Upper

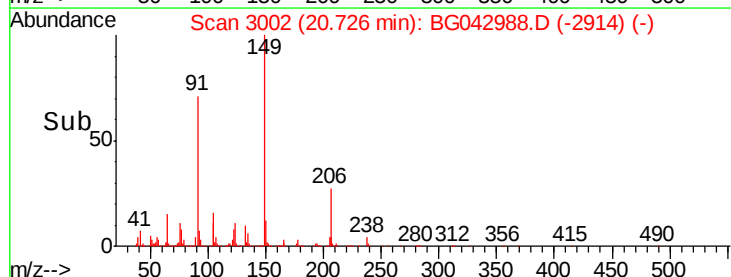
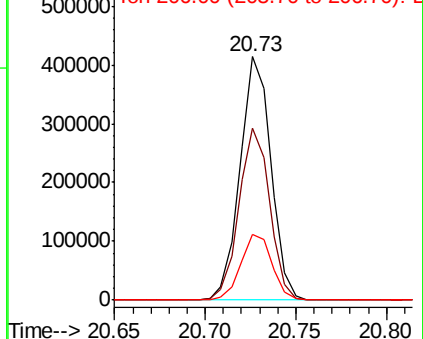
149 100

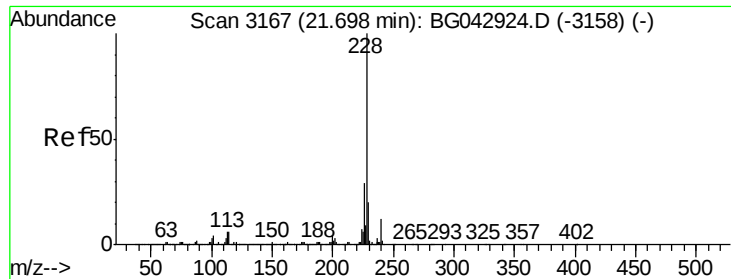
91 70.9 57.7 86.5

206 27.0 22.6 33.8



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





#81

Benzo(a)anthracene

Concen: 42.039 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Instrument :

BNA_G

ClientSampleId :

PB123559BSD

Tot Ion:228 Resp: 1330944

Ion Ratio Lower Upper

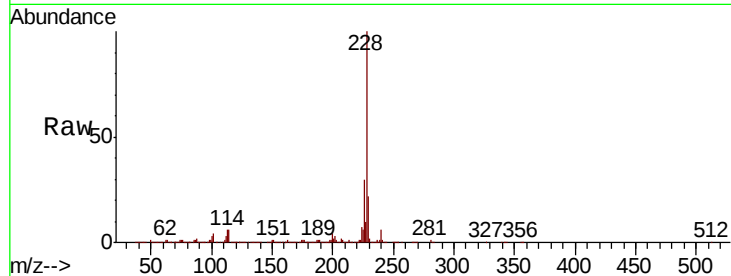
228 100

226 29.7 23.0 34.4

229 21.7 16.3 24.5

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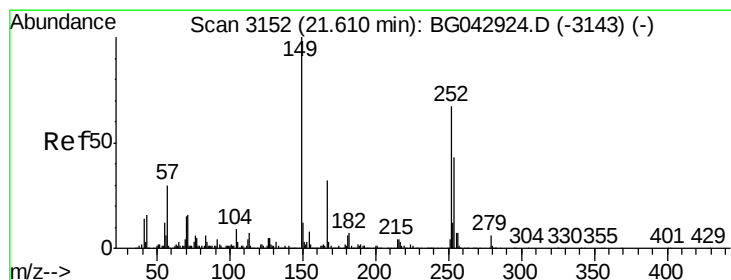
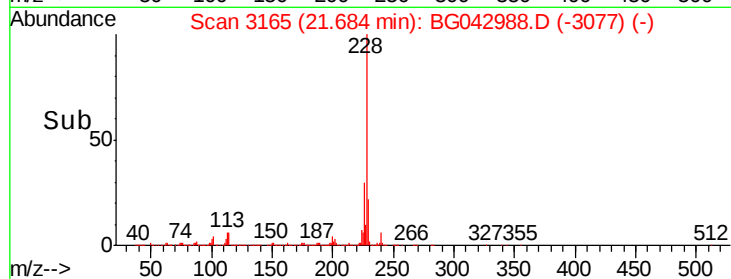
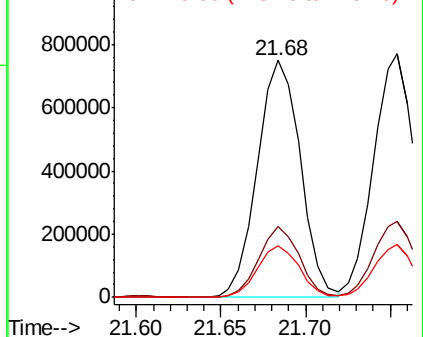


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 36.748 ng

RT: 21.60 min Scan# 3151

Delta R.T. -0.01 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

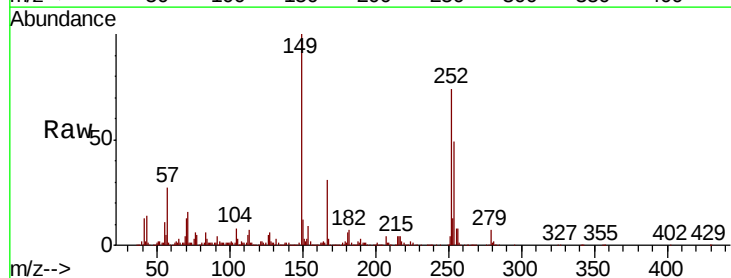
Tgt Ion:252 Resp: 456312

Ion Ratio Lower Upper

252 100

254 65.6 51.9 77.9

126 6.9 6.1 9.1

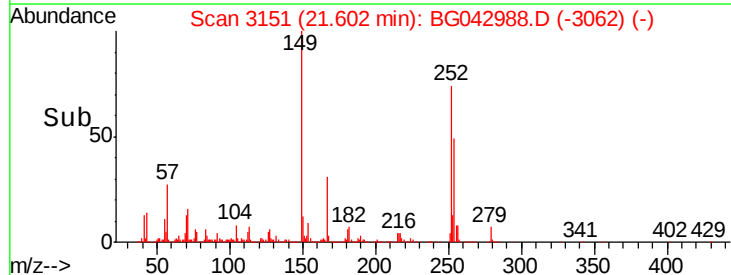
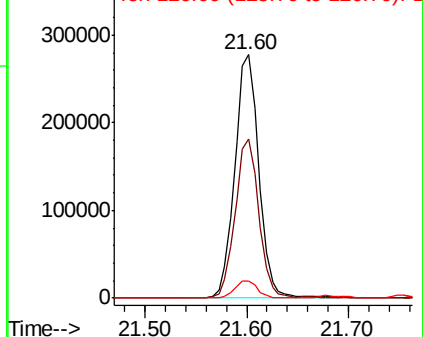


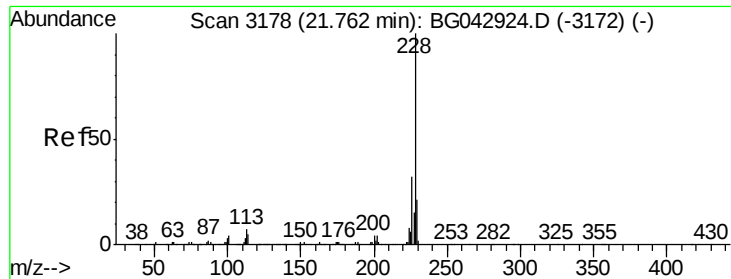
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





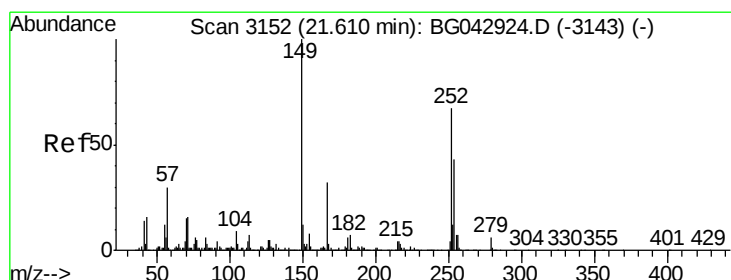
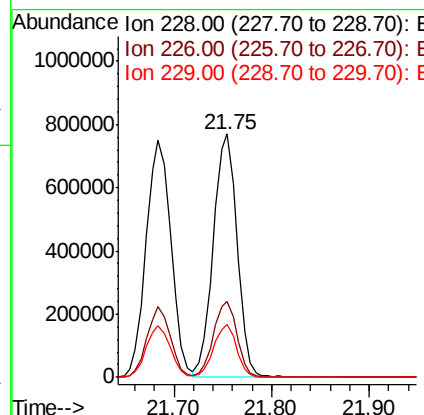
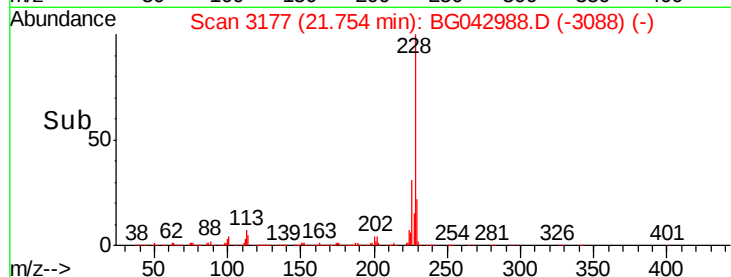
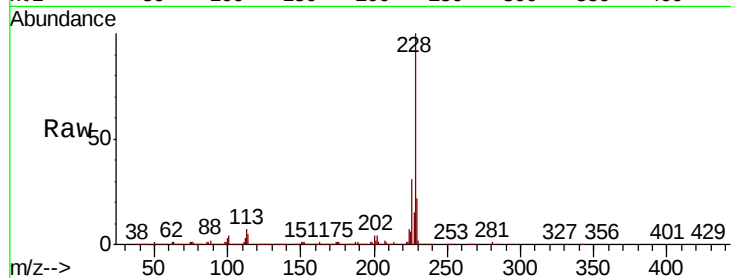
#83
 Chrysene
 Concen: 42.414 ng
 RT: 21.75 min Scan# 3177
 Delta R.T. -0.01 min
 Lab File: BG042988.D
 Acq: 2 Oct 2019 17:10

Instrument :
 BNA_G
 ClientSampleId :
 PB123559BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.6	38.4
229	21.6	16.9	25.3

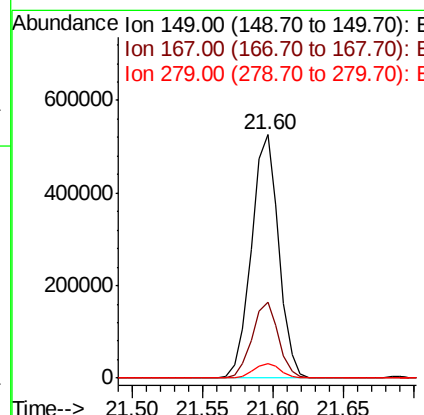
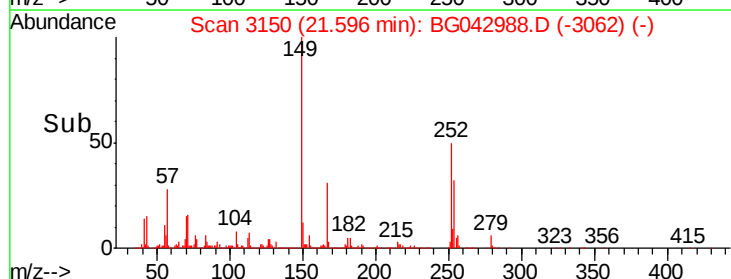
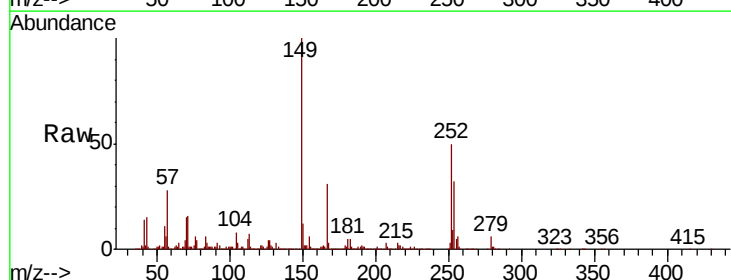
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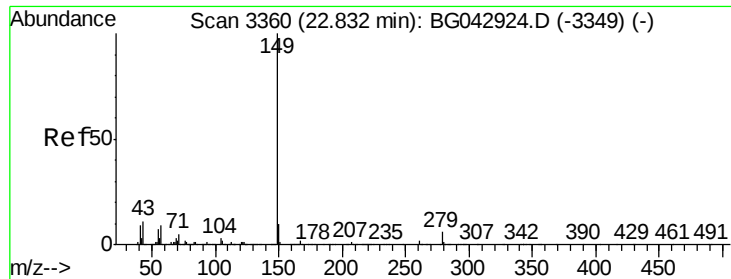
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.264 ng
 RT: 21.60 min Scan# 3150
 Delta R.T. -0.01 min
 Lab File: BG042988.D
 Acq: 2 Oct 2019 17:10

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.3	25.4	38.2
279	6.2	5.1	7.7





#85

Di-n-octyl phthalate

Concen: 44.498 ng

RT: 22.81 min Scan# 3356

Delta R.T. -0.03 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Instrument :

BNA_G

ClientSampleId :

PB123559BSD

Tot Ion:149 Resp: 1191868

Ion Ratio Lower Upper

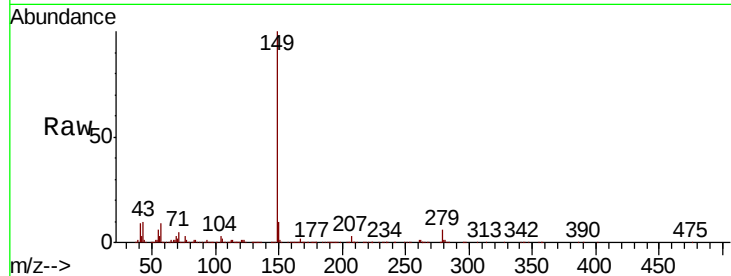
149 100

167 1.9 1.4 2.0

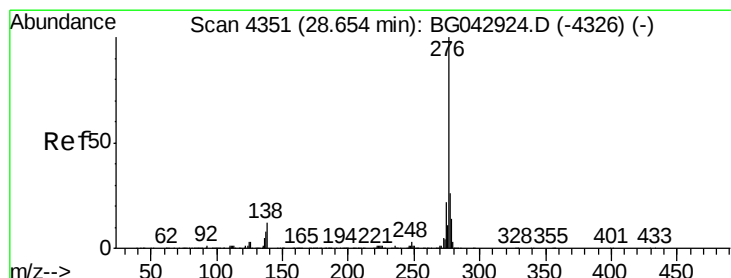
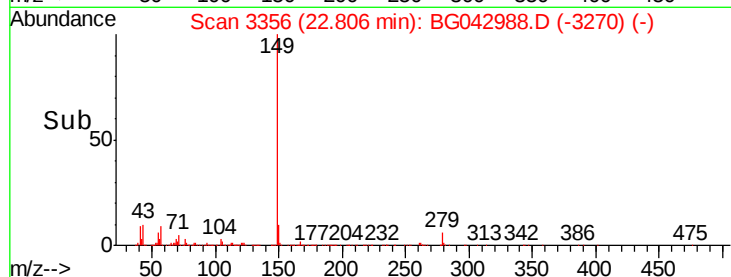
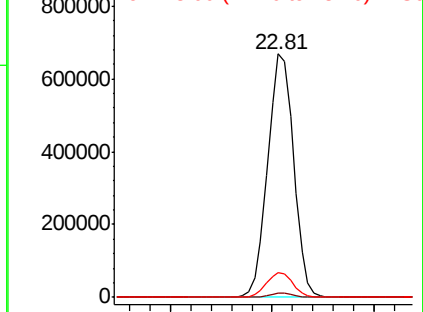
43 10.2 8.7 13.1

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.112 ng

RT: 28.61 min Scan# 4343

Delta R.T. -0.05 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

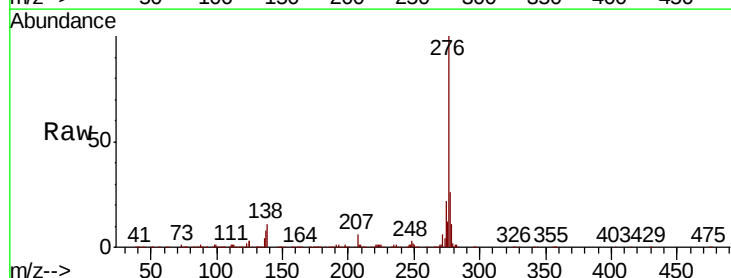
Tgt Ion:276 Resp: 1687195

Ion Ratio Lower Upper

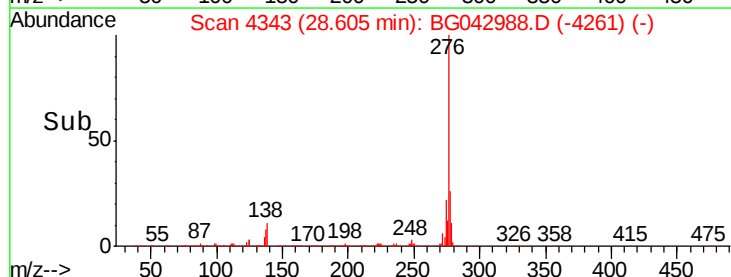
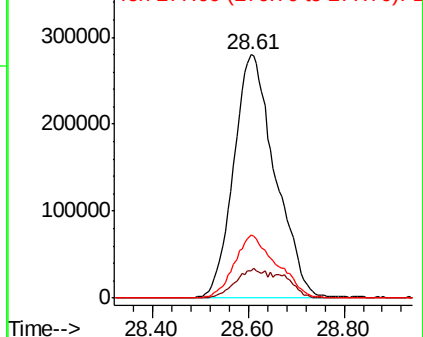
276 100

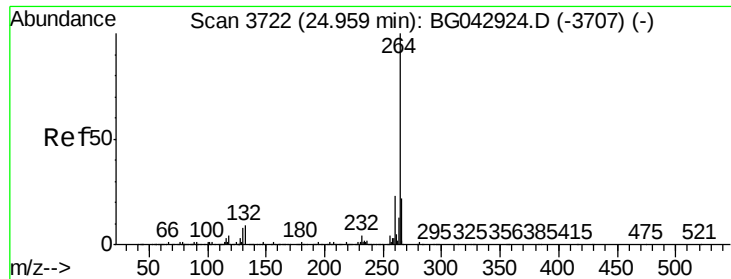
138 10.9 7.0 10.6#

277 26.3 20.9 31.3



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





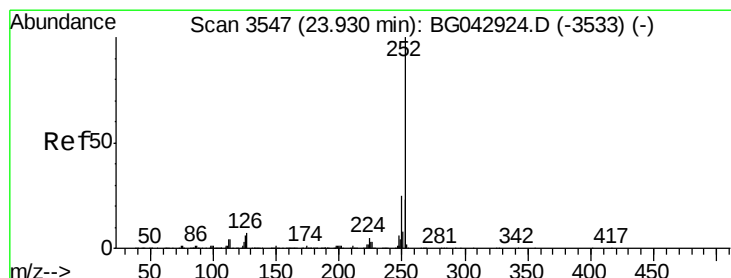
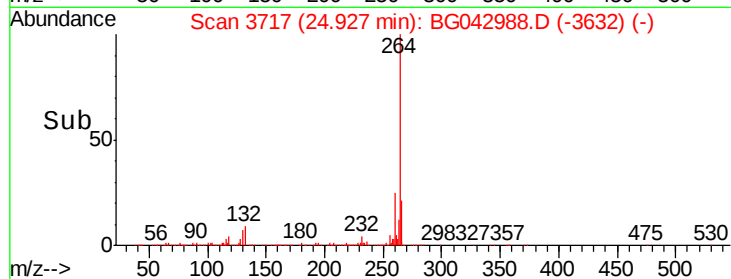
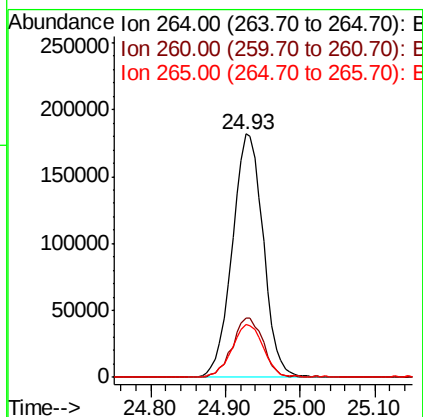
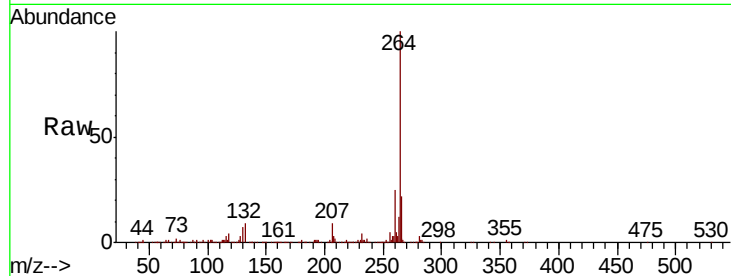
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.03 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Instrument :
BNA_G
ClientSampleId :
PB123559BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.7	28.1
265	21.8	17.7	26.5

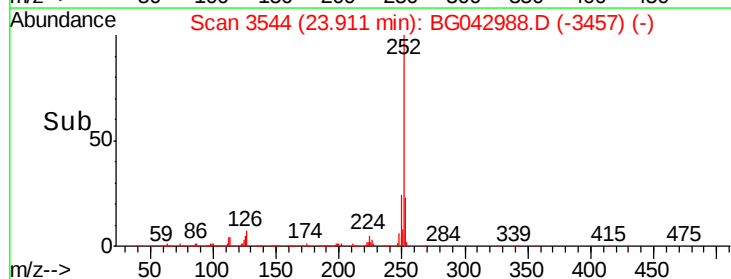
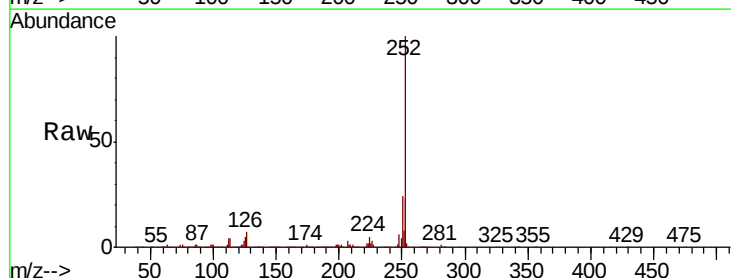
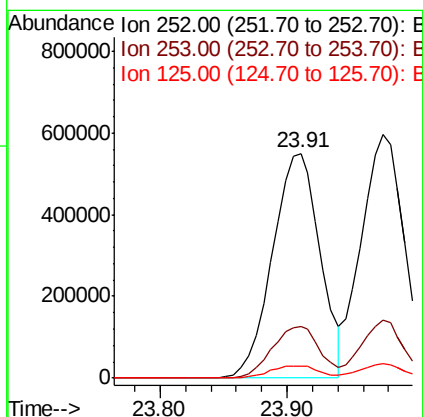
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#88
Benzo(b)fluoranthene
Concen: 48.281 ng
RT: 23.91 min Scan# 3544
Delta R.T. -0.02 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	5.2	4.6	7.0





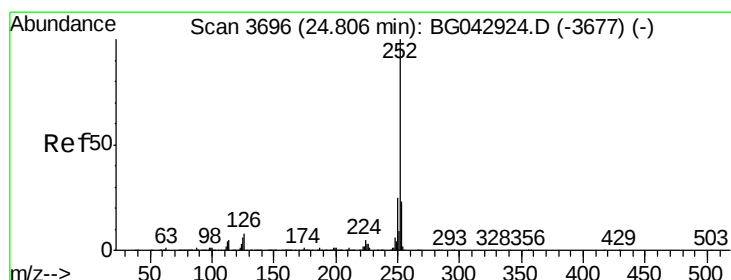
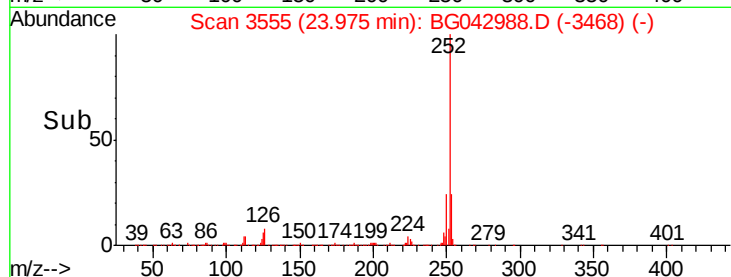
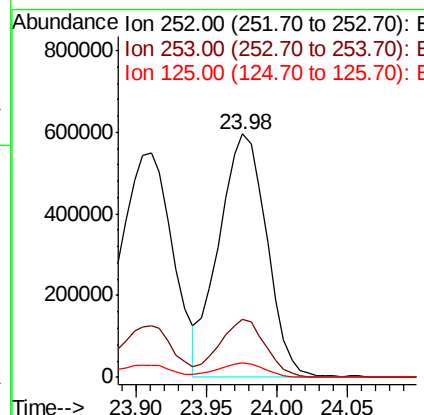
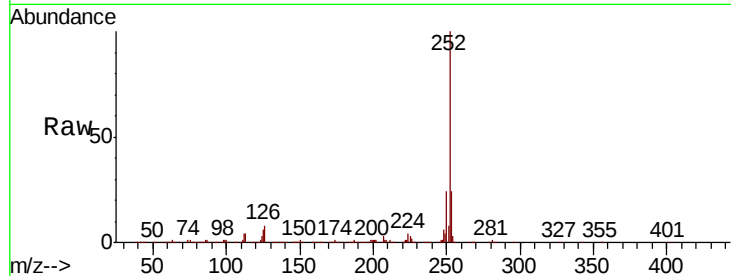
#89
Benzo(k)fluoranthene
Concen: 47.588 ng
RT: 23.98 min Scan# 3555
Delta R.T. -0.02 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Instrument :
BNA_G
ClientSampleId :
PB123559BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.9	28.3
125	6.1	4.5	6.7

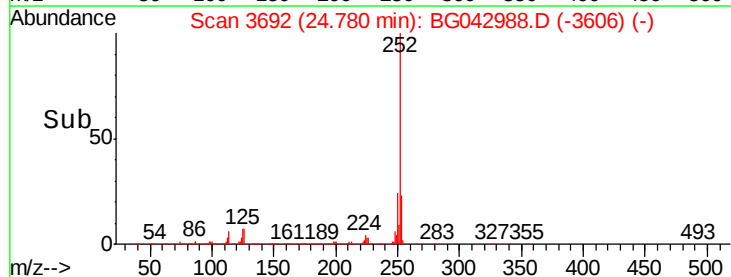
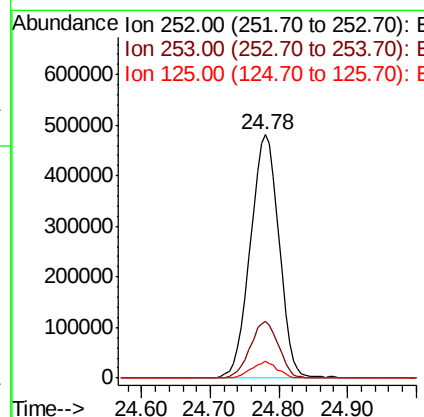
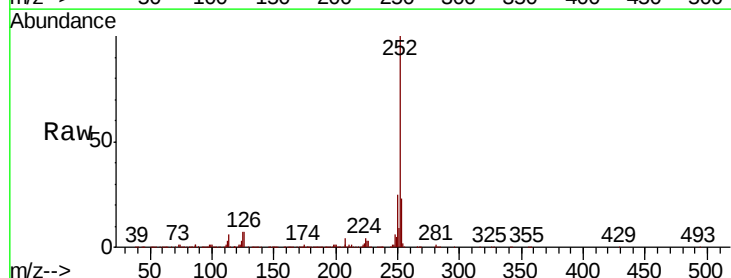
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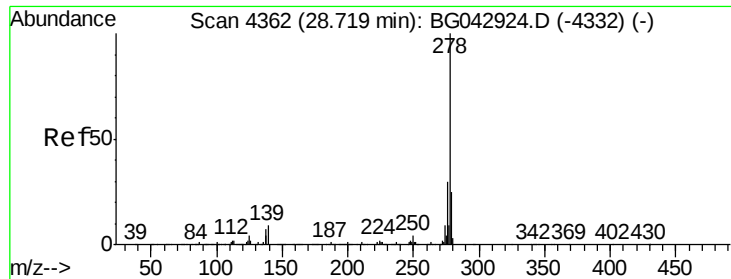
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#90
Benzo(a)pyrene
Concen: 50.035 ng
RT: 24.78 min Scan# 3692
Delta R.T. -0.03 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.4
125	6.9	5.0	7.6





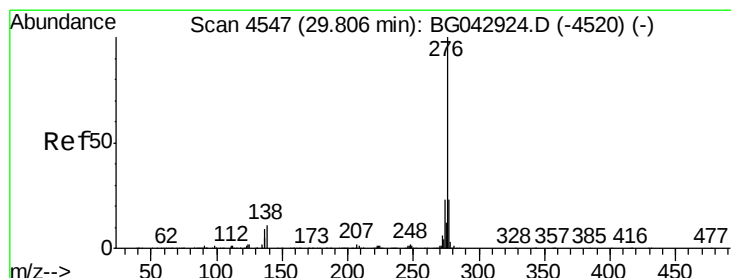
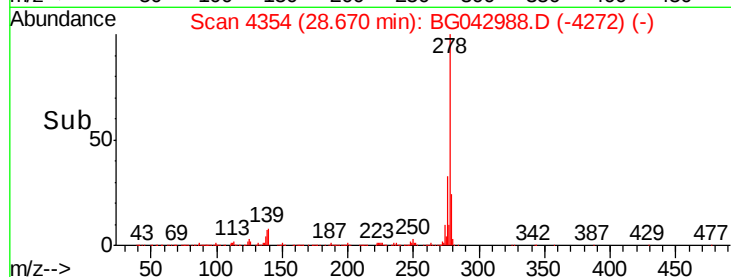
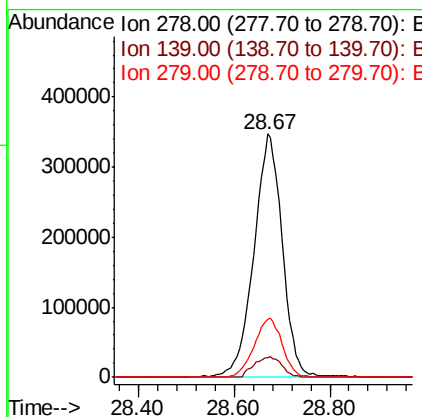
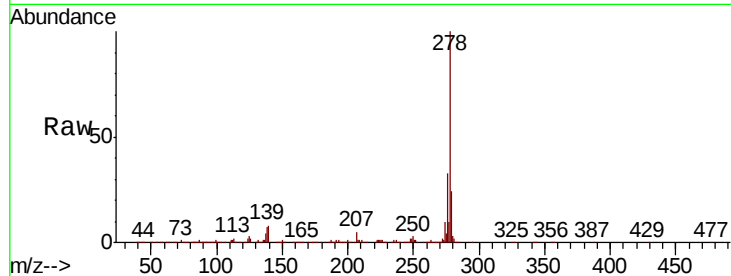
#91
Dibenzo(a,h)anthracene
Concen: 49.795 ng
RT: 28.67 min Scan# 4354
Delta R.T. -0.05 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Instrument :
BNA_G
ClientSampleId :
PB123559BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.0	6.8	10.2
279	24.1	20.1	30.1

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#92
Benzo(g,h,i)perylene
Concen: 49.474 ng
RT: 29.76 min Scan# 4540
Delta R.T. -0.04 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.4	27.6
138	12.1	8.6	12.8

