

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031219\
 Data File : BG039878.D
 Acq On : 12 Mar 2019 17:34
 Operator : JU/SJ
 Sample : PB117829BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117829BSD

Manual Integrations
 APPROVED

Sohil
 3/13/2019 5:49:29 PM

Quant Time: Mar 13 06:42:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 05:34:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	36740	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	161722	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	112846	20.00	ng	0.00
64) Phenanthrene-d10	17.52	188	286672	20.00	ng	0.00
76) Chrysene-d12	21.81	240	293358	20.00	ng	0.00
87) Perylene-d12	25.18	264	276001	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	311341	144.57	ng	0.00
7) Phenol-d6	7.30	99	443394	138.08	ng	0.00
23) Nitrobenzene-d5	9.33	82	235879	78.88	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	183619	139.60	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	596827	75.30	ng	0.00
79) Terphenyl-d14	20.11	244	1047794	78.64	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.59	88	40456	40.690	ng	95
3) Pyridine	3.99	79	100495	37.755	ng	98
4) n-Nitrosodimethylamine	3.91	42	51842	41.056	ng	86
6) Aniline	7.48	93	121920	28.980	ng	96
8) 2-Chlorophenol	7.71	128	112209	42.948	ng	96
9) Benzaldehyde	7.29	77	50064	24.170	ng	98
10) Phenol	7.33	94	155830	44.796	ng	97
11) bis(2-Chloroethyl)ether	7.57	93	105963	39.069	ng	96
12) 1,3-Dichlorobenzene	8.04	146	114759	38.837	ng	98
13) 1,4-Dichlorobenzene	8.19	146	116907	38.842	ng	98
14) 1,2-Dichlorobenzene	8.51	146	111856	38.465	ng	97
15) Benzyl Alcohol	8.39	79	108756	42.696	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.66	45	209677	38.654	ng	99
17) 2-Methylphenol	8.58	107	103406	46.619	ng	96
18) Hexachloroethane	9.23	117	42551	39.400	ng	93
19) n-Nitroso-di-n-propylamine	8.95	70	87994	38.072	ng	91
20) 3+4-Methylphenols	8.91	107	139887	45.396	ng	96
22) Acetophenone	8.98	105	166686	38.402	ng	# 94
24) Nitrobenzene	9.38	77	130495	41.600	ng	99
25) Isophorone	9.89	82	247384	39.484	ng	97
26) 2-Nitrophenol	10.08	139	66828	44.123	ng	95
27) 2,4-Dimethylphenol	10.12	122	121378	51.528	ng	96
28) bis(2-Chloroethoxy)methane	10.37	93	152123	39.953	ng	97
29) 2,4-Dichlorophenol	10.62	162	126375	47.651	ng	95
30) 1,2,4-Trichlorobenzene	10.83	180	121333	40.657	ng	99
31) Naphthalene	11.03	128	350755	40.964	ng	99
32) Benzoic acid	10.26	122	66094	41.846	ng	87
33) 4-Chloroaniline	11.14	127	88125	24.271	ng	97
34) Hexachlorobutadiene	11.28	225	78432	38.460	ng	94
35) Caprolactam	11.92	113	44333m	43.760	ng	
36) 4-Chloro-3-methylphenol	12.24	107	137036	45.075	ng	98
37) 2-Methylnaphthalene	12.62	142	273617	42.742	ng	98
38) 1-Methylnaphthalene	12.84	142	259343	41.688	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	151017	39.503	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	178487	87.121	nq	99
43) 2,4,6-Trichlorophenol	13.21	196	106440	47.557	nq	97
44) 2,4,5-Trichlorophenol	13.29	196	114856	45.527	nq	97
46) 1,1'-Biphenyl	13.61	154	369801	39.843	nq	99
47) 2-Chloronaphthalene	13.66	162	290208	41.563	nq	98
48) 2-Nitroaniline	13.87	65	102749	45.790	nq	96
49) Acenaphthylene	14.50	152	461636	40.274	nq	99
50) Dimethylphthalate	14.23	163	389235	41.250	nq	98
51) 2,6-Dinitrotoluene	14.36	165	85659	42.821	nq	99
52) Acenaphthene	14.84	154	281762	40.842	nq	100
53) 3-Nitroaniline	14.69	138	60000	29.838	nq	# 95
54) 2,4-Dinitrophenol	14.89	184	90396	72.204	nq	98
55) Dibenzofuran	15.17	168	467502	41.303	nq	98
56) 4-Nitrophenol	14.99	139	149664	83.201	nq	93
57) 2,4-Dinitrotoluene	15.14	165	125547	44.666	nq	91
58) Fluorene	15.83	166	369976	41.579	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.40	232	118315	48.021	nq	96
60) Diethylphthalate	15.58	149	392588	42.028	nq	98
61) 4-Chlorophenyl-phenylether	15.81	204	192502	40.541	nq	97
62) 4-Nitroaniline	15.86	138	94731	43.455	nq	92
63) Azobenzene	16.10	77	356766	42.134	nq	97
65) 4,6-Dinitro-2-methylphenol	15.90	198	69646	41.089	nq	98
66) n-Nitrosodiphenylamine	16.03	169	348809	42.029	nq	97
67) 4-Bromophenyl-phenylether	16.70	248	131271	40.909	nq	96
68) Hexachlorobenzene	16.82	284	133287	40.072	nq	96
69) Atrazine	16.97	200	138795	42.493	nq	97
70) Pentachlorophenol	17.17	266	165606	78.836	nq	99
71) Phenanthrene	17.56	178	640175	40.542	nq	100
72) Anthracene	17.66	178	647955	42.109	nq	99
73) Carbazole	17.93	167	568804	41.004	nq	99
74) Di-n-butylphthalate	18.46	149	698278	42.783	nq	100
75) Fluoranthene	19.57	202	776425	41.606	nq	99
77) Benzidine	19.75	184	280278	30.108	nq	99
78) Pyrene	19.93	202	784949	41.177	nq	99
80) Butylbenzylphthalate	20.80	149	327908	44.400	nq	96
81) Benzo(a)anthracene	21.79	228	747349	40.649	nq	99
82) 3,3'-Dichlorobenzidine	21.71	252	185250	27.598	nq	98
83) Chrysene	21.86	228	711441	39.914	nq	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	453709	43.718	nq	99
85) Di-n-octyl phthalate	22.91	149	768027	44.695	nq	96
86) Indeno(1,2,3-cd)pyrene	29.05	276	810415	40.078	nq	# 97
88) Benzo(b)fluoranthene	24.10	252	747730	45.431	nq	98
89) Benzo(k)fluoranthene	24.17	252	708775	46.263	nq	98
90) Benzo(a)pyrene	25.03	252	724429	47.633	nq	98
91) Dibenzo(a,h)anthracene	29.13	278	665893	44.661	nq	98
92) Benzo(g,h,i)perylene	30.28	276	658992	44.008	nq	97

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



#1

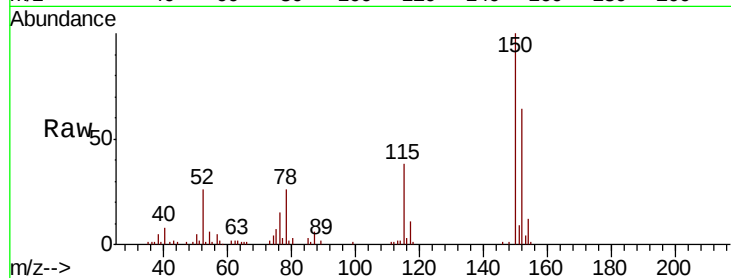
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Instrument :
BNA_G
ClientSampleId :
PB117829BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	123.7	185.5
115	60.0	45.9	68.9

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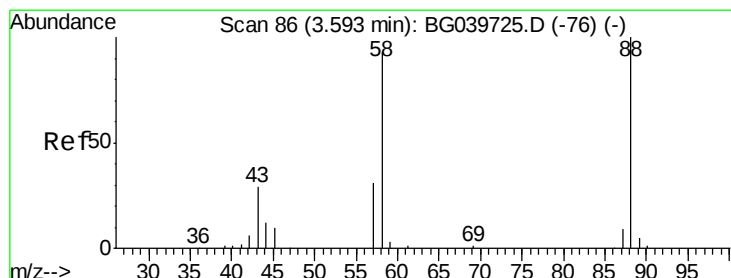
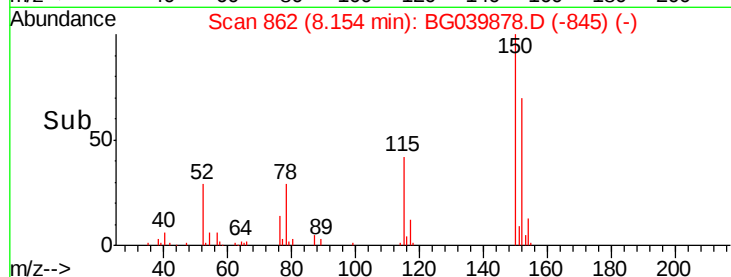
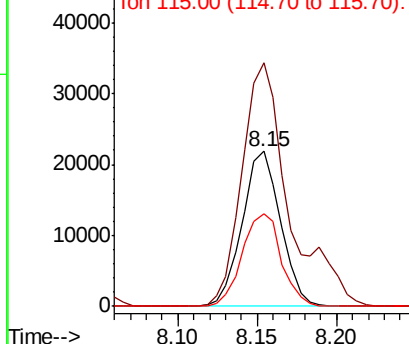


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

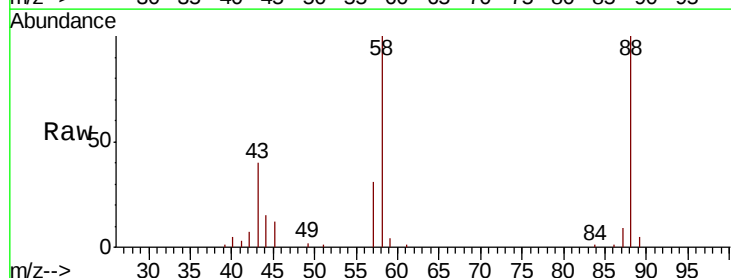
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 40.690 ng
RT: 3.59 min Scan# 85
Delta R.T. -0.01 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.8	81.1	121.7
43	37.6	31.4	47.0

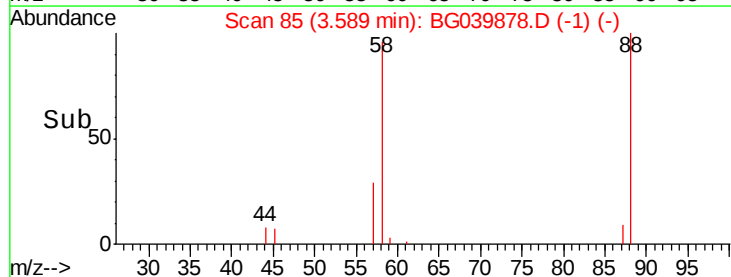
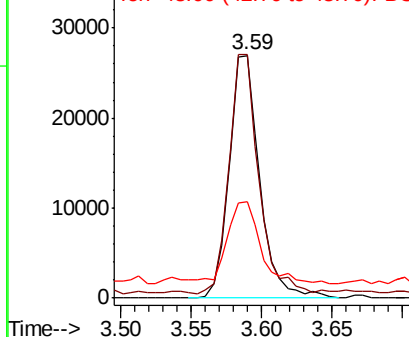


Abundance

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: 37.755 ng

RT: 3.99 min Scan# 153

Delta R.T. -0.01 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

Instrument :

BNA_G

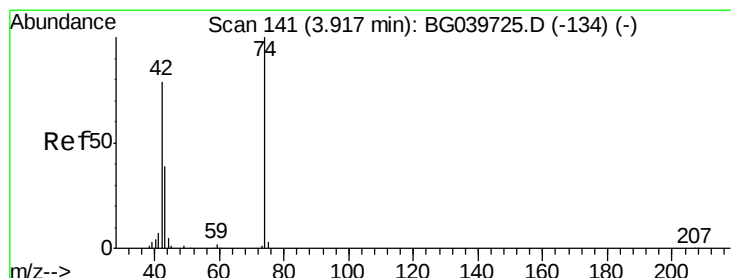
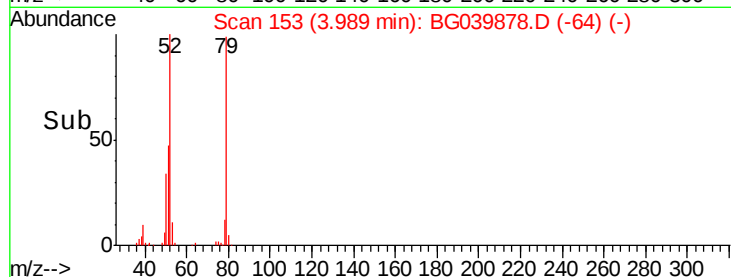
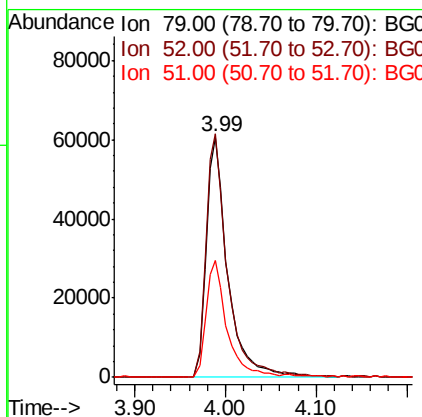
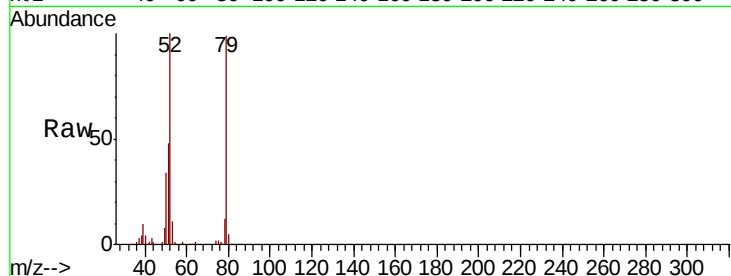
ClientSampleId :

PB117829BSD

Tot Ion:	79	Resp:	100495
Ion Ratio	Lower	Upper	
79	100		
52	101.5	82.6	124.0
51	48.6	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 41.056 ng

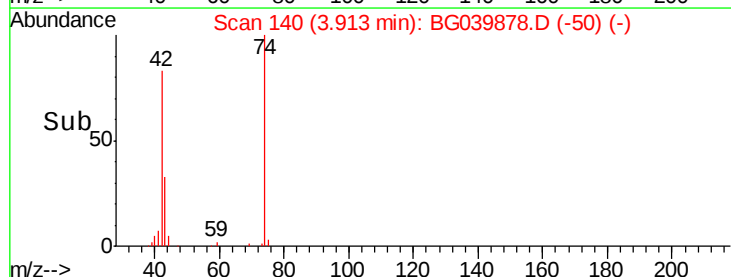
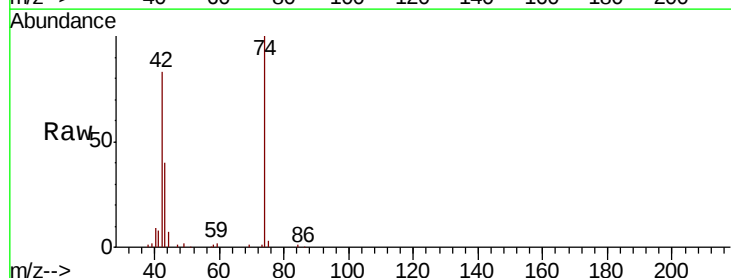
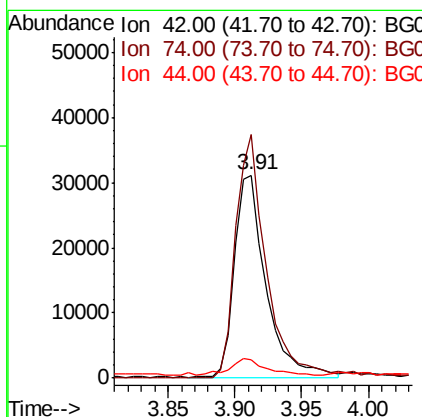
RT: 3.91 min Scan# 140

Delta R.T. -0.00 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

Tgt Ion:	42	Resp:	51842
Ion Ratio	Lower	Upper	
42	100		
74	120.1	83.6	125.4
44	8.8	6.9	10.3





#5

2-Fluorophenol

Concen: 144.570 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.00 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

Instrument :

BNA_G

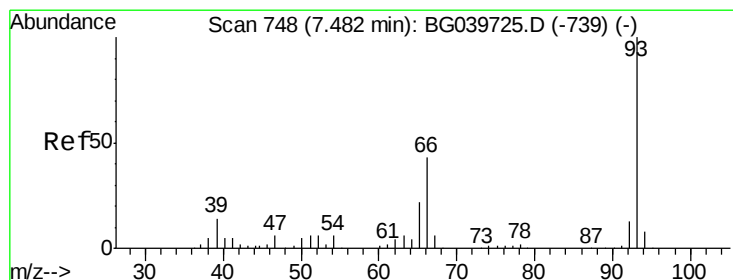
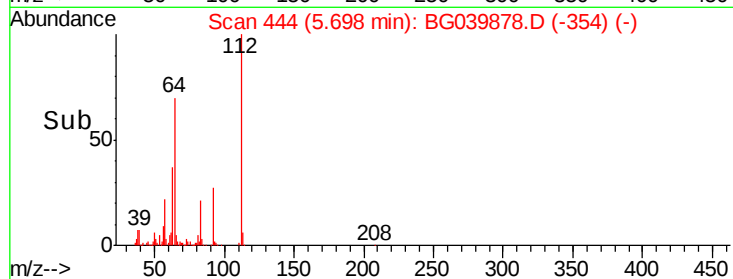
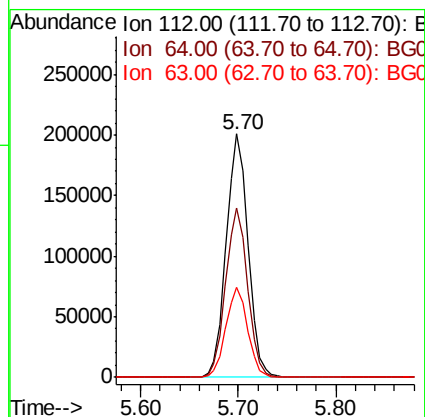
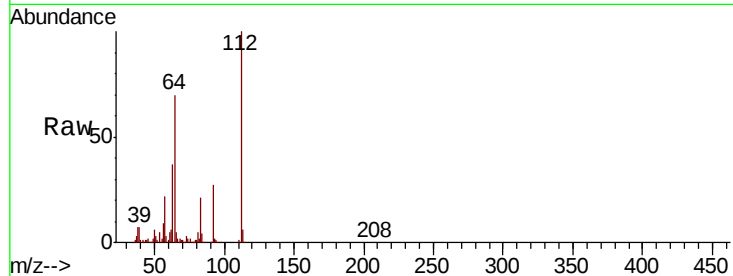
ClientSampleId :

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Tot Ion:	112	Resp:	311341
Ion Ratio	Lower	Upper	
112	100		
64	69.6	57.8	86.8
63	37.2	29.8	44.6

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#6

Aniline

Concen: 28.980 ng

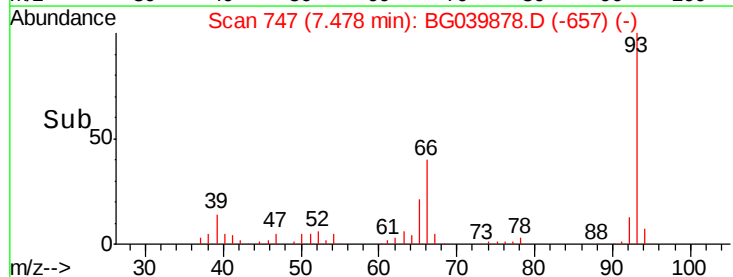
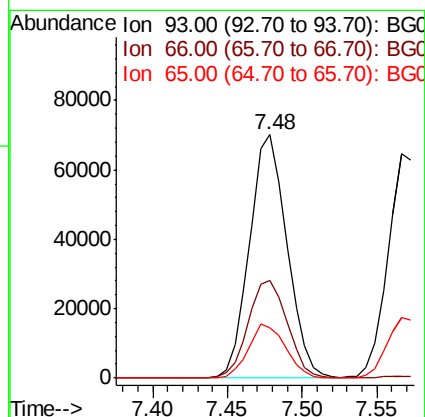
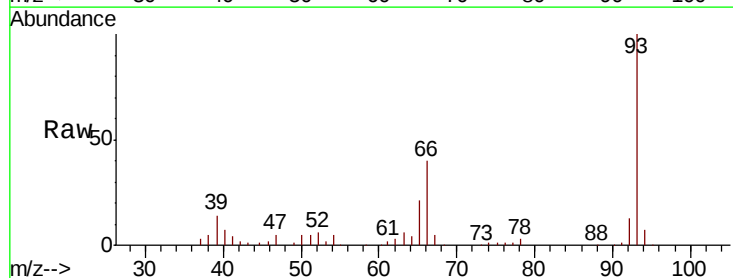
RT: 7.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

Tgt Ion:	93	Resp:	121920
Ion Ratio	Lower	Upper	
93	100		
66	40.1	34.2	51.4
65	20.9	17.7	26.5





#7

Phenol-d6

Concen: 138.082 ng

RT: 7.30 min Scan# 717

Delta R.T. 0.01 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

Instrument :

BNA_G

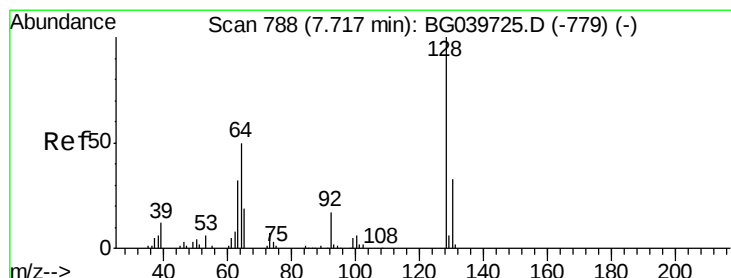
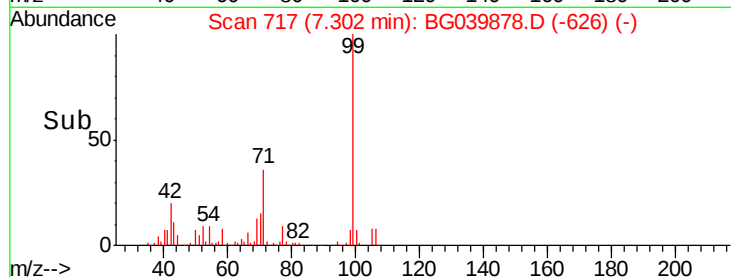
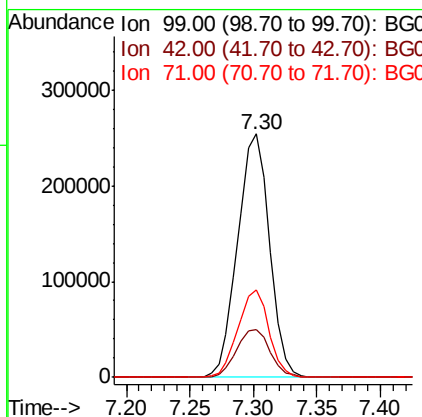
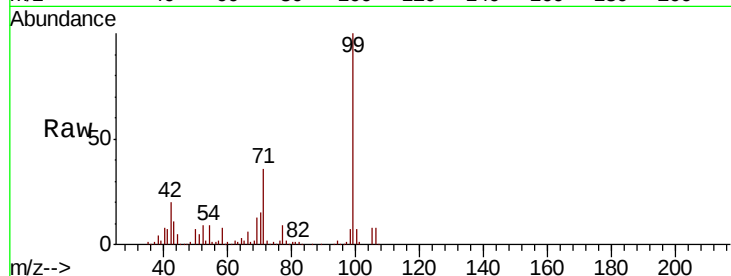
ClientSampleId :

PB117829BSD

Tot Ion:	99	Resp:	443394
Ion Ratio	Lower	Upper	
99	100		
42	19.6	18.2	27.2
71	36.1	28.0	42.0

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#8

2-Chlorophenol

Concen: 42.948 ng

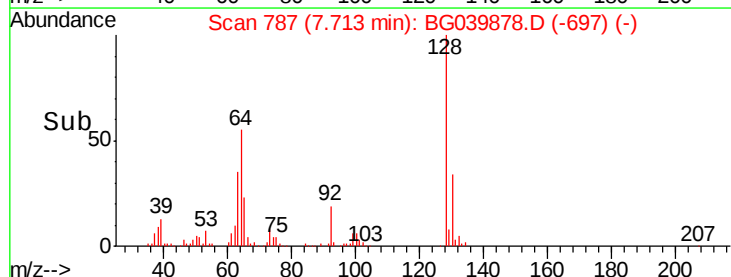
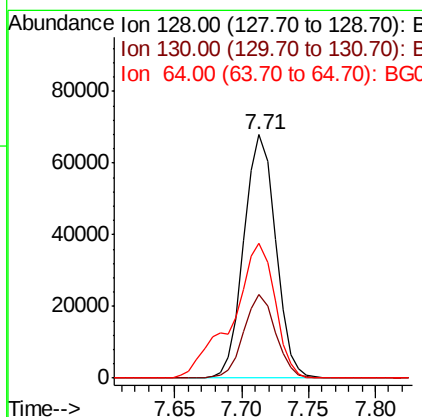
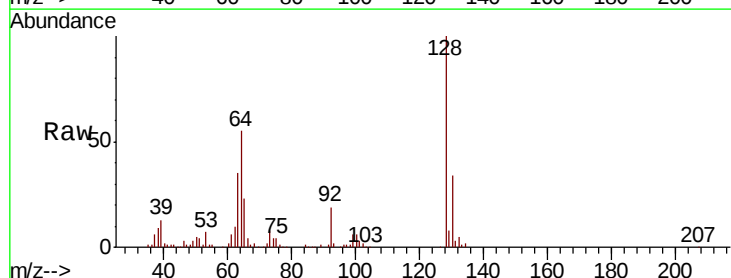
RT: 7.71 min Scan# 787

Delta R.T. -0.00 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

Tgt Ion:	128	Resp:	112209
Ion Ratio	Lower	Upper	
128	100		
130	34.2	12.9	52.9
64	55.2	38.7	78.7





#9

Benzaldehyde

Concen: 24.170 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

Instrument :

BNA_G

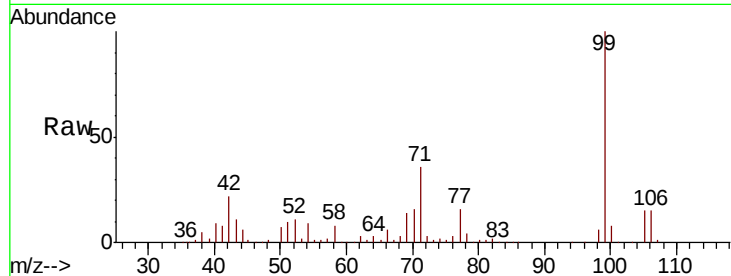
ClientSampleId :

PB117829BSD

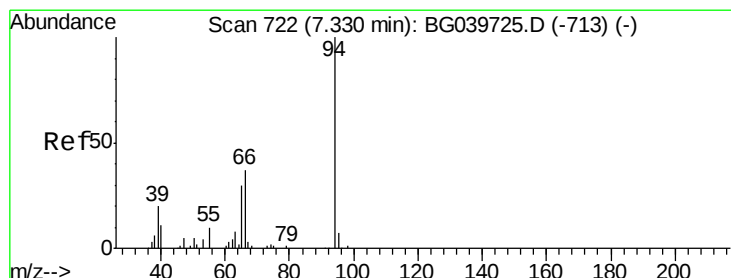
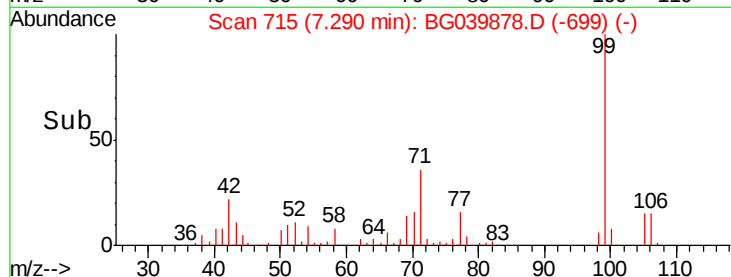
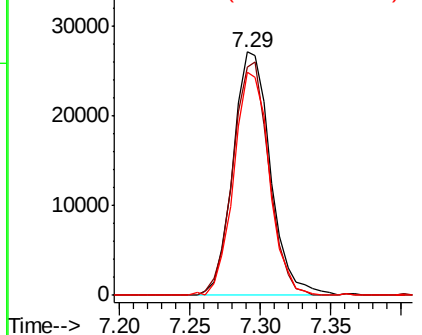
Tot Ion	Ratio	Lower	Upper
77	100		
105	93.8	74.5	114.5
106	91.7	68.0	108.0

Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 44.796 ng

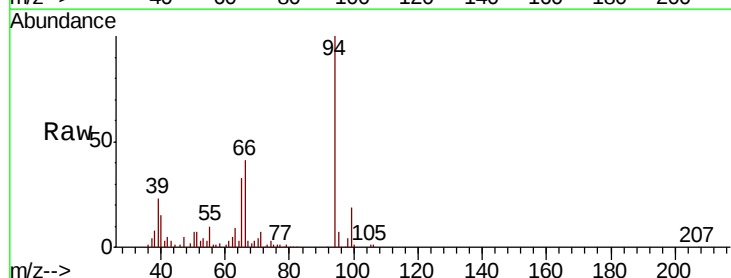
RT: 7.33 min Scan# 721

Delta R.T. -0.00 min

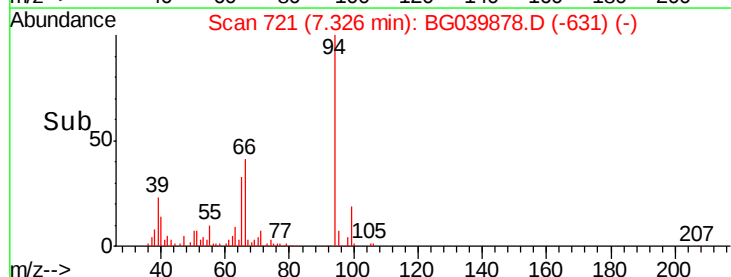
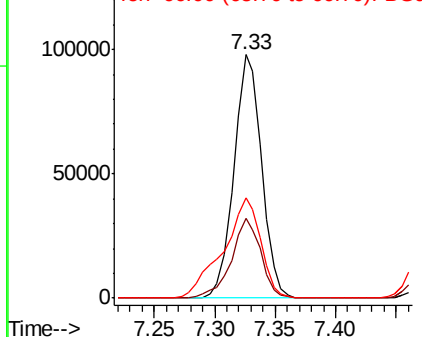
Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.9	11.7	51.7
66	41.3	23.7	63.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





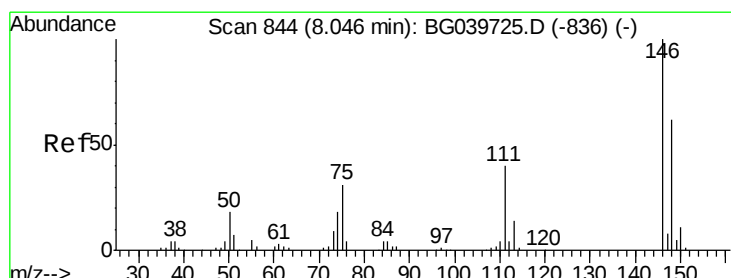
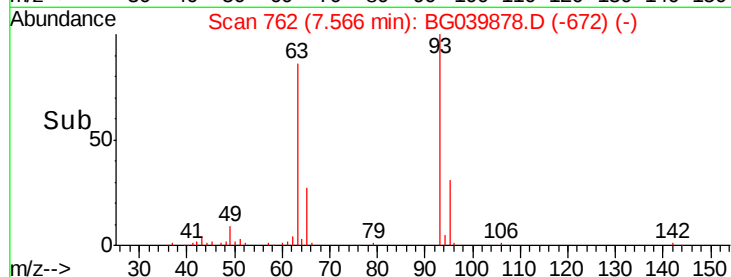
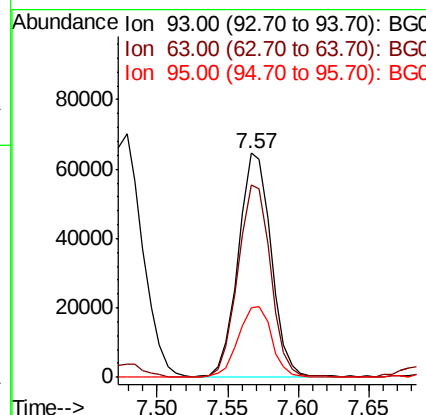
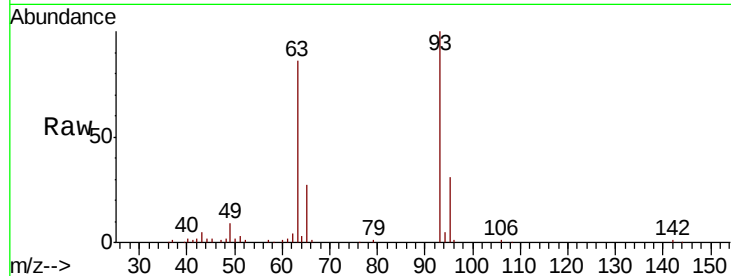
#11
bis(2-Chloroethyl)ether
Concen: 39.069 ng
RT: 7.57 min Scan# 762
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Instrument :
BNA_G
ClientSampleId :
PB117829BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.9	69.5	109.5
95	30.8	12.7	52.7

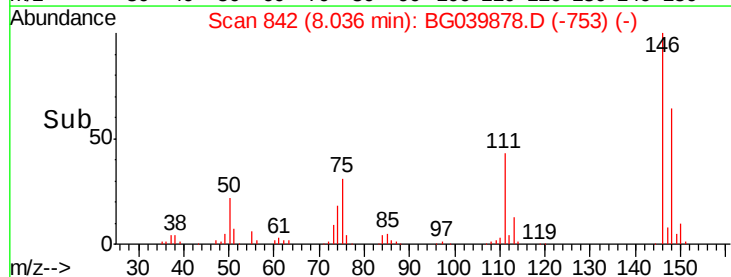
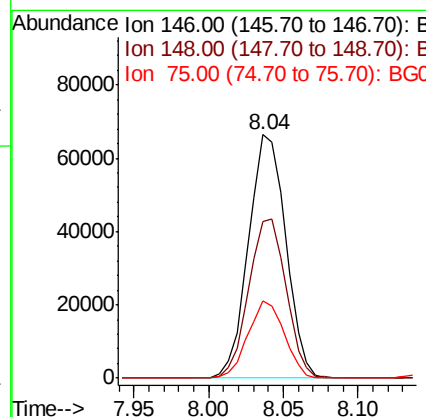
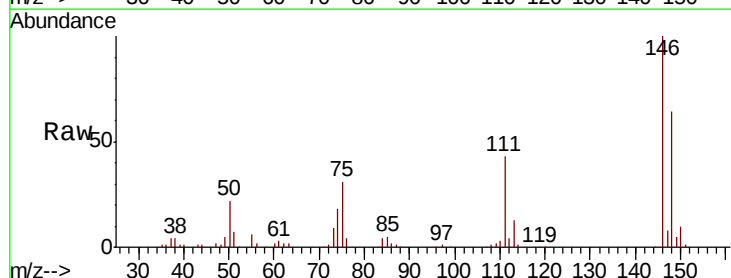
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#12
1,3-Dichlorobenzene
Concen: 38.837 ng
RT: 8.04 min Scan# 842
Delta R.T. -0.01 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.6	79.0
75	31.5	25.8	38.6





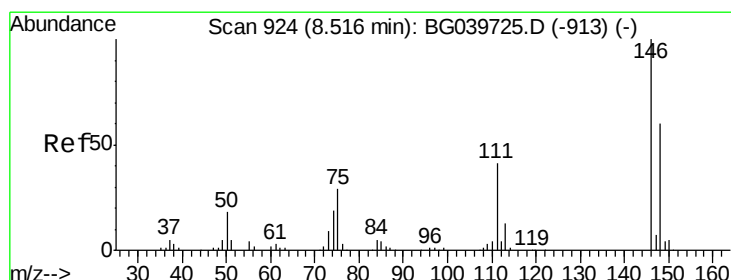
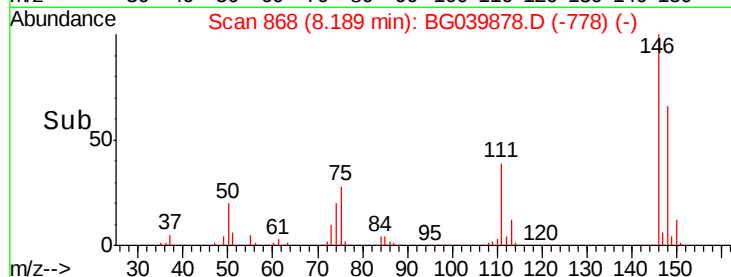
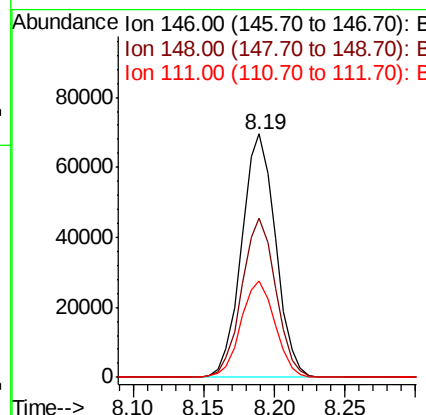
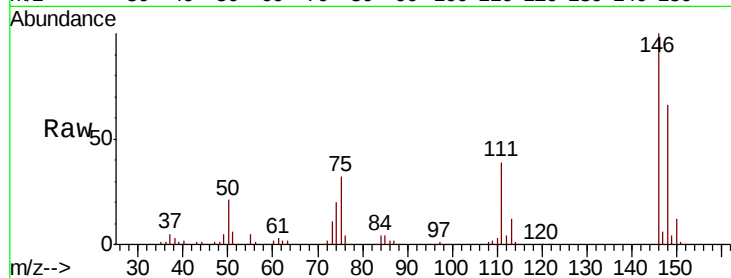
#13
 1,4-Dichlorobenzene
 Concen: 38.842 ng
 RT: 8.19 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: BG039878.D
 Acq: 12 Mar 2019 17:34

Instrument :
 BNA_G
 ClientSampleId :
 PB117829BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.1	76.7
111	39.4	32.6	48.8

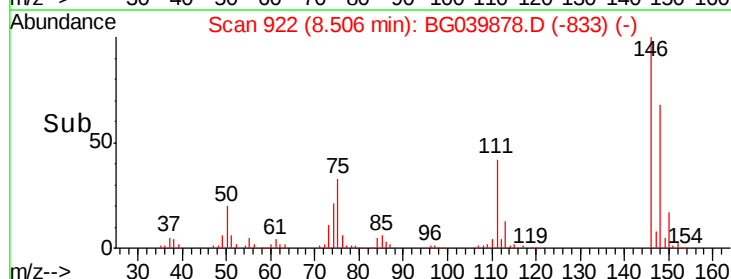
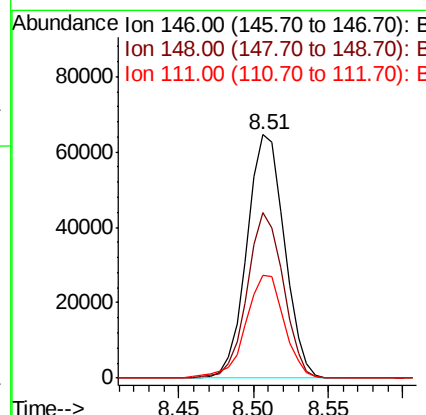
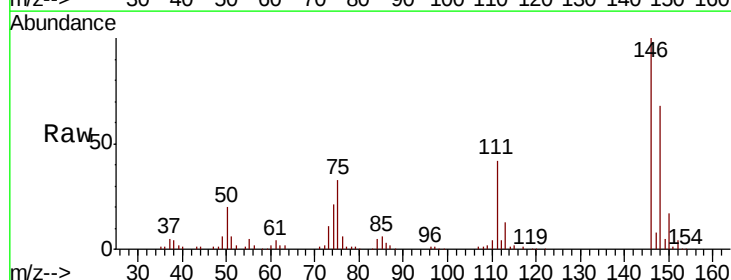
Manual Integrations
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#14
 1,2-Dichlorobenzene
 Concen: 38.465 ng
 RT: 8.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BG039878.D
 Acq: 12 Mar 2019 17:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.9	51.5	77.3
111	42.2	33.8	50.6





#15

Benzyl Alcohol

Concen: 42.696 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.00 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

Instrument :

BNA_G

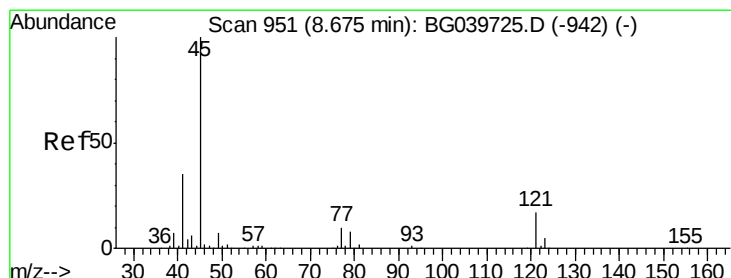
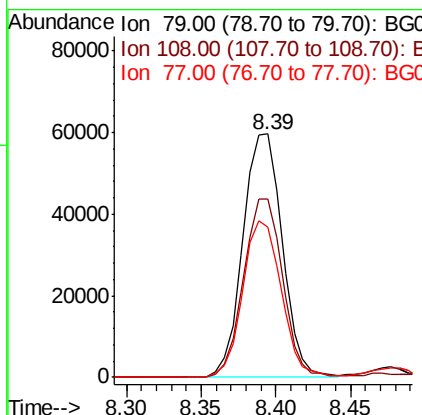
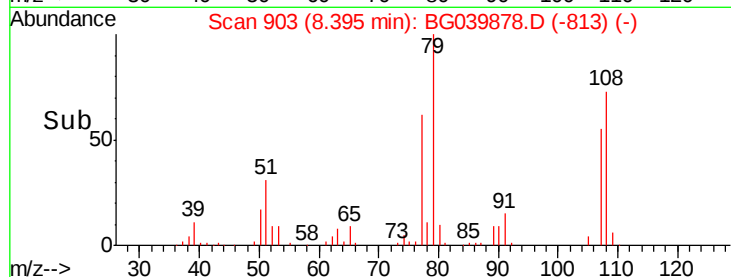
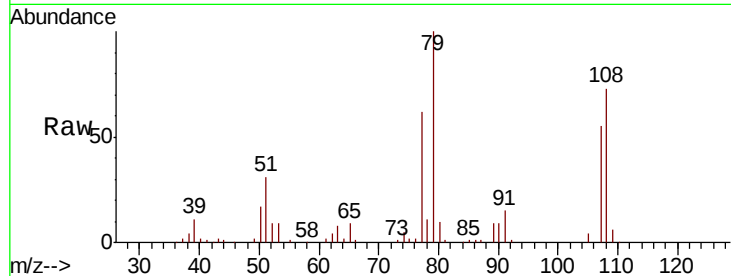
ClientSampleId :

PB117829BSD

Tot Ion:	79	Resp:	108756
Ion Ratio	Lower	Upper	
79	100		
108	73.3	57.8	86.6
77	61.8	51.1	76.7

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.654 ng

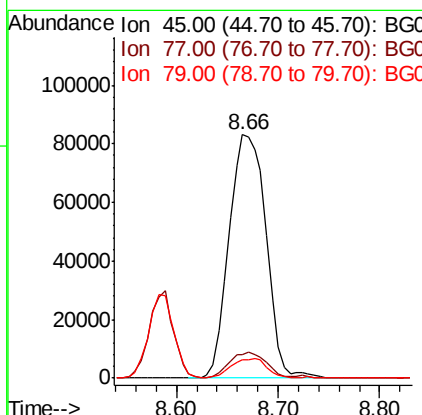
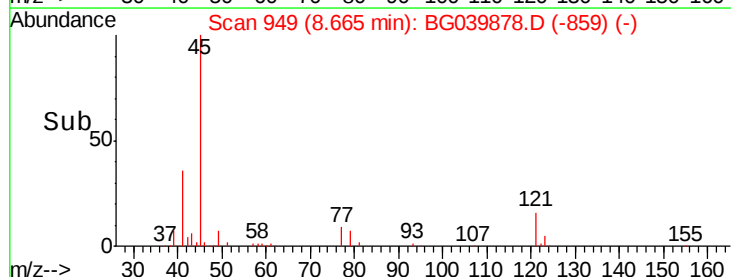
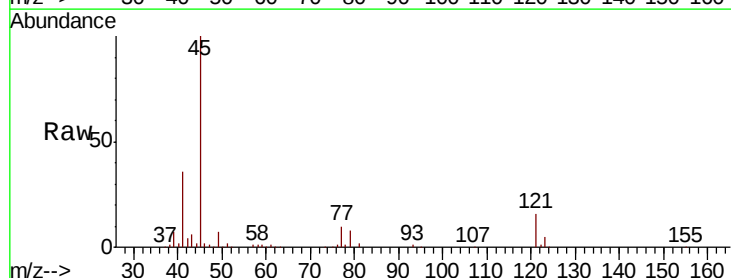
RT: 8.66 min Scan# 949

Delta R.T. -0.00 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

Tgt Ion:	45	Resp:	209677
Ion Ratio	Lower	Upper	
45	100		
77	9.7	0.0	30.0
79	7.7	0.0	27.5





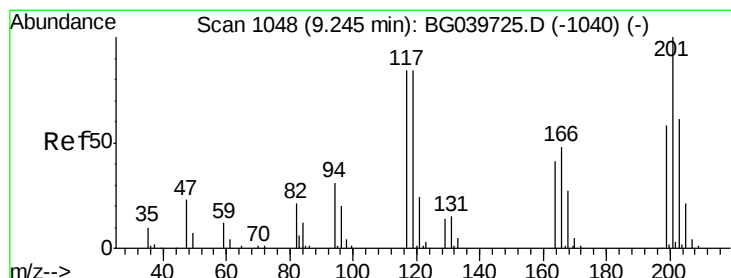
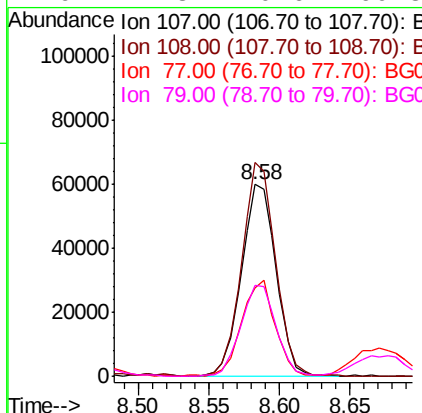
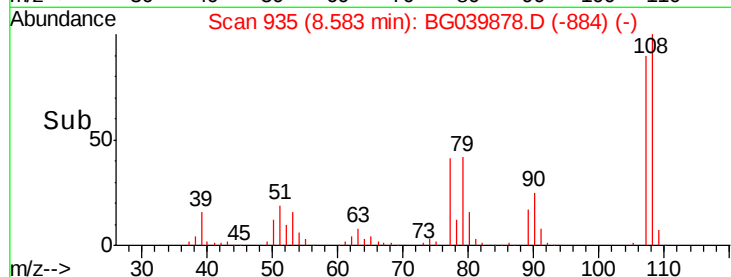
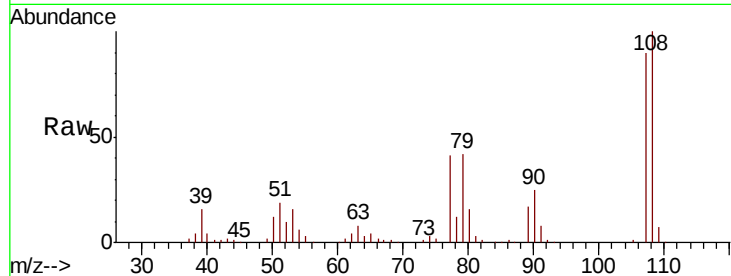
#17
2-Methylphenol
Concen: 46.619 ng
RT: 8.58 min Scan# 935
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Instrument :
BNA_G
ClientSampleID :
PB117829BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.4	90.8	136.2	
77	46.0	40.7	61.1	
79	47.3	40.6	60.8	

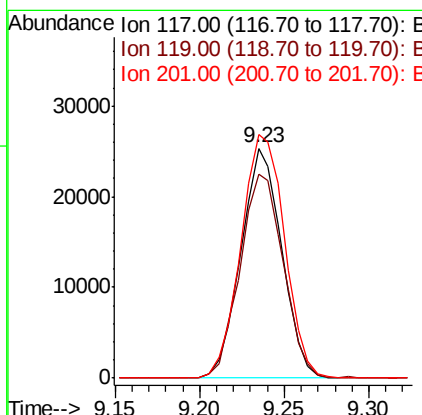
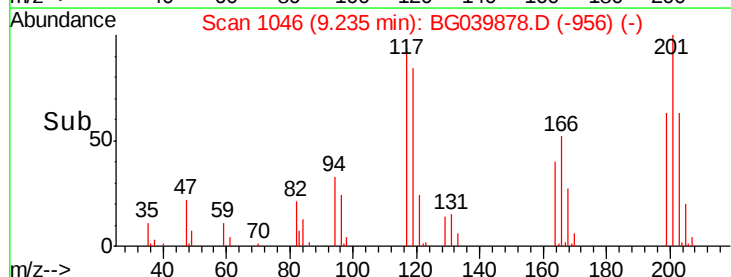
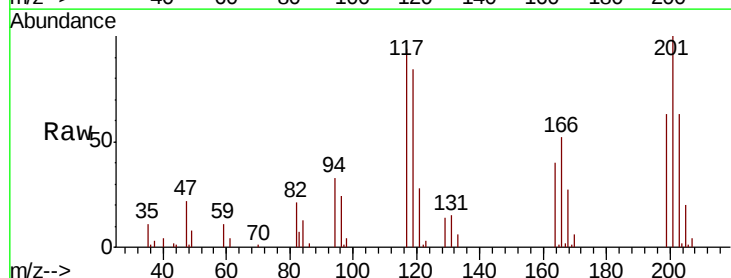
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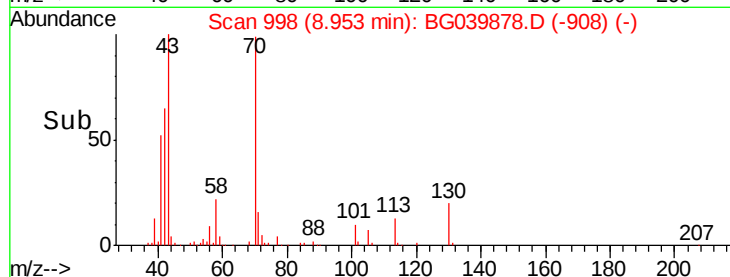
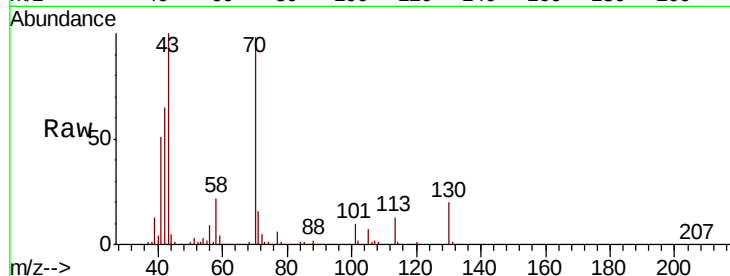
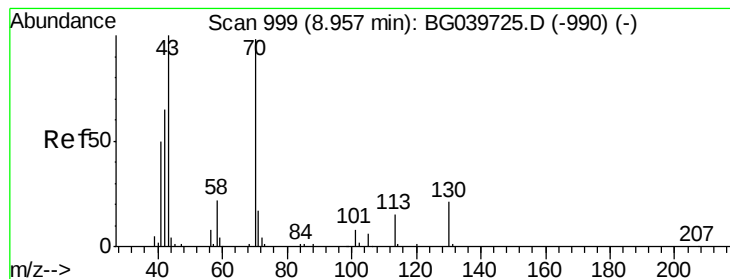
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#18
Hexachloroethane
Concen: 39.400 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	88.7	76.3	114.5	
201	105.9	91.1	136.7	





#19

n-Nitroso-di-n-propylamine

Concen: 38.072 ng

RT: 8.95 min Scan# 998

Delta R.T. -0.00 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

Instrument :

BNA_G

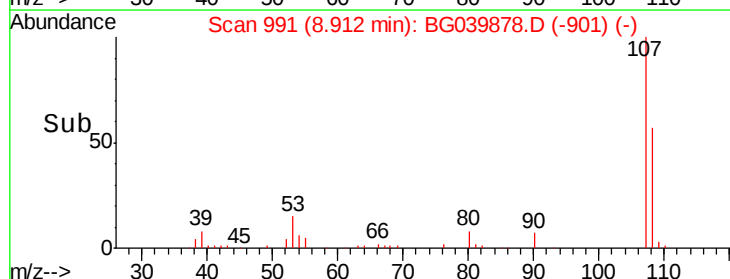
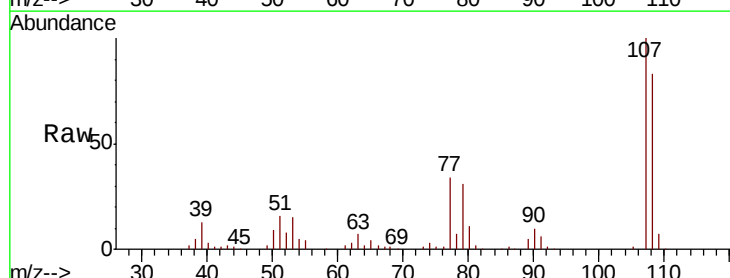
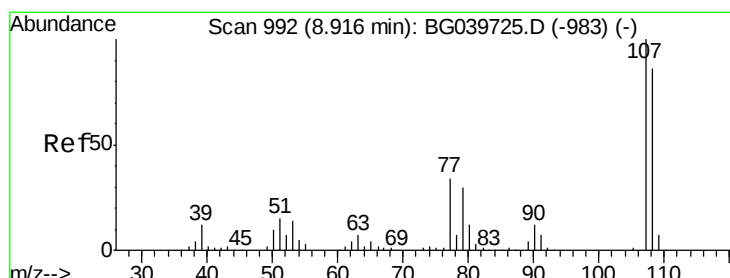
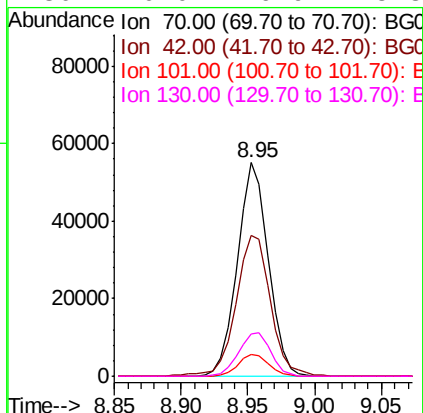
ClientSampleId :

PB117829BSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	65.9	60.4	90.6	
101	10.0	7.5	11.3	
130	20.0	16.9	25.3	

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#20

3+4-Methylphenols

Concen: 45.396 ng

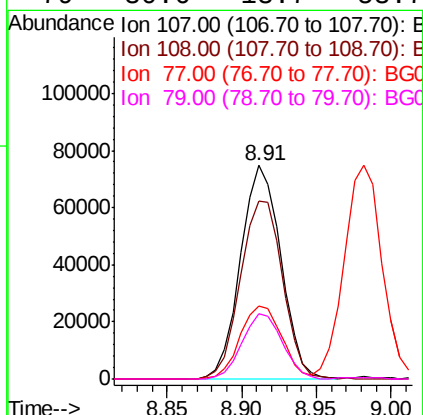
RT: 8.91 min Scan# 991

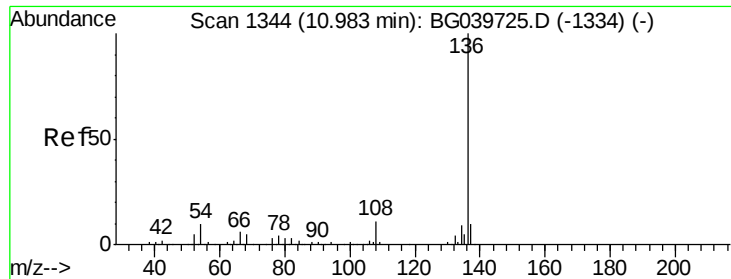
Delta R.T. -0.00 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	83.3	67.9	107.9	
77	34.3	15.4	55.4	
79	30.6	13.7	53.7	





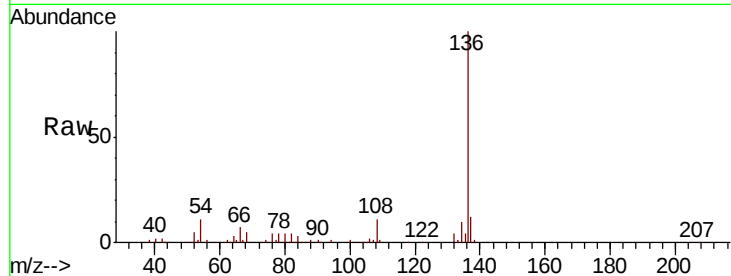
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Instrument :
BNA_G
ClientSampleId :
PB117829BSD

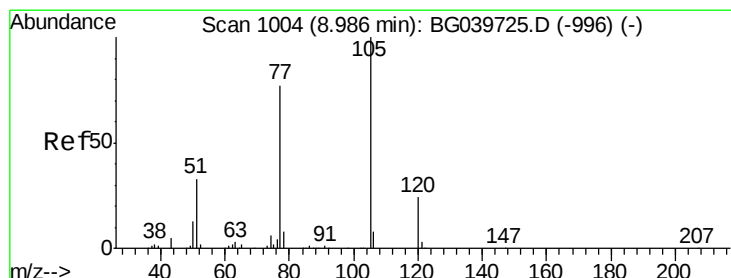
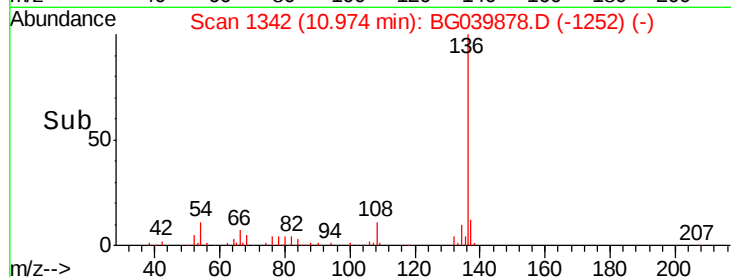
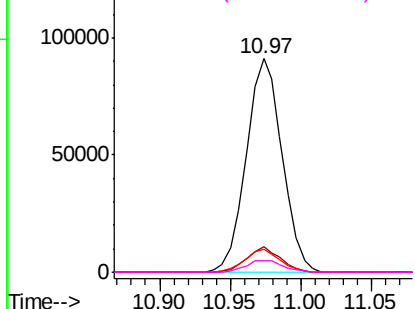
Tot Ion	Ratio	Resp	Lower	Upper
136	100	161722		
137	11.7	9.1	13.7	
54	10.8	9.4	14.2	
68	5.4	4.2	6.4	

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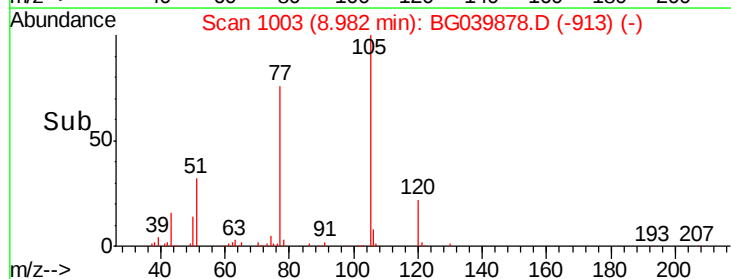
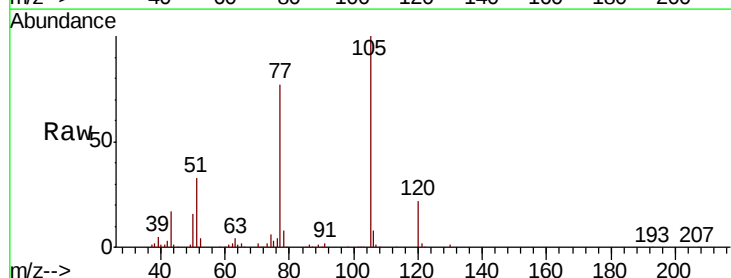
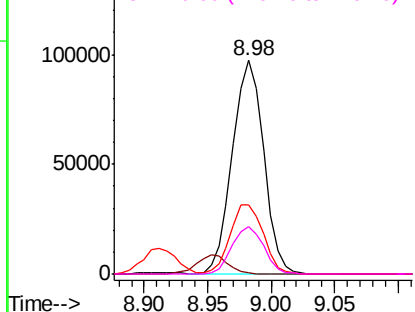
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

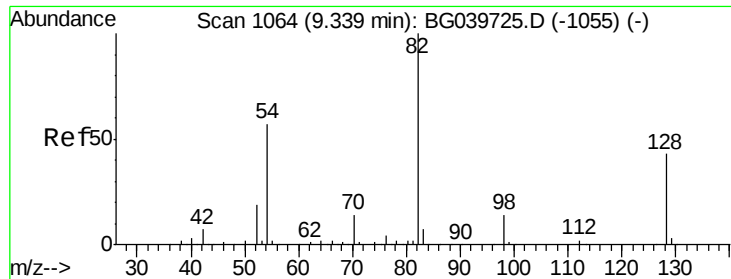


#22
Acetophenone
Concen: 38.402 ng
RT: 8.98 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	166686		
71	0.5	0.8	1.2#	
51	32.7	30.2	45.2	
120	22.0	18.0	27.0	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





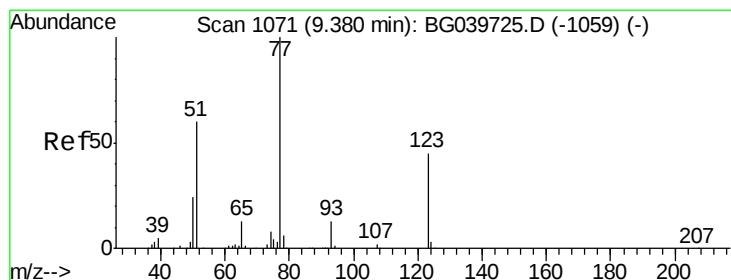
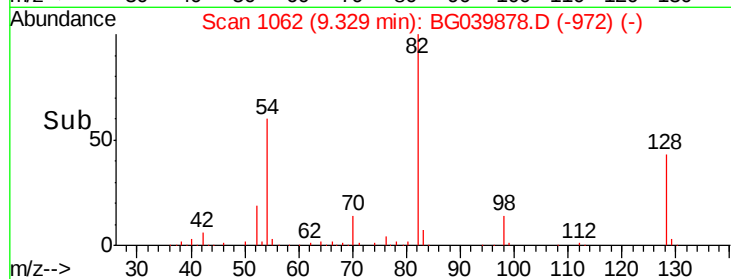
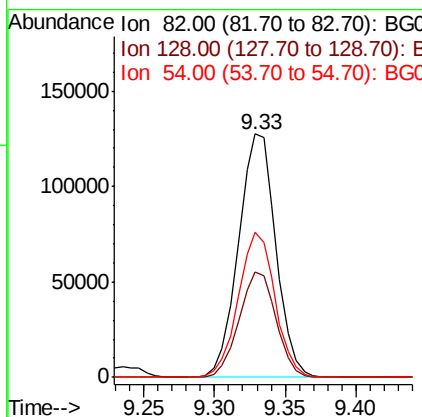
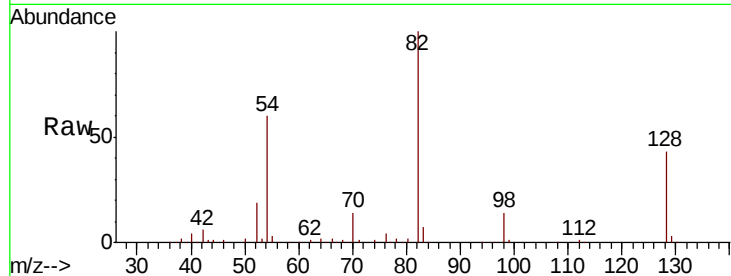
#23
Nitrobenzene-d5
Concen: 78.884 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Instrument :
BNA_G
ClientSampleId :
PB117829BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	235879		
128	43.1	31.3	46.9	
54	59.7	50.9	76.3	

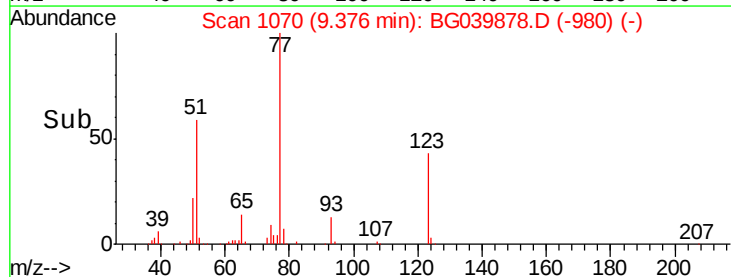
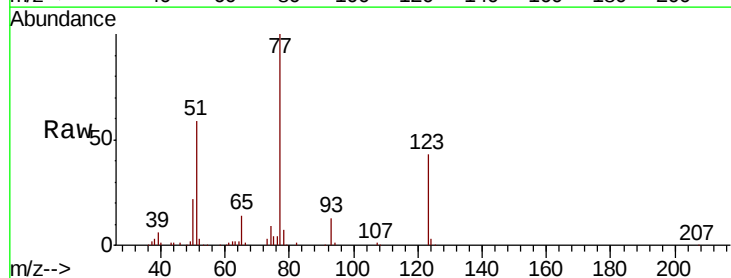
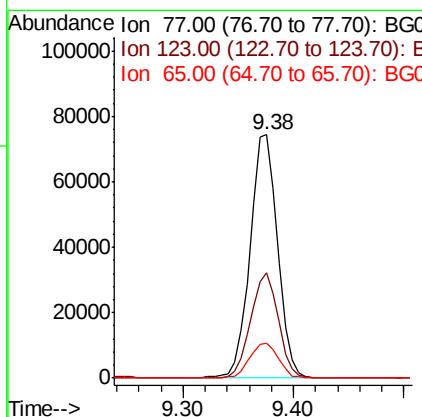
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#24
Nitrobenzene
Concen: 41.600 ng
RT: 9.38 min Scan# 1070
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	130495		
123	43.2	34.1	51.1	
65	14.3	12.3	18.5	





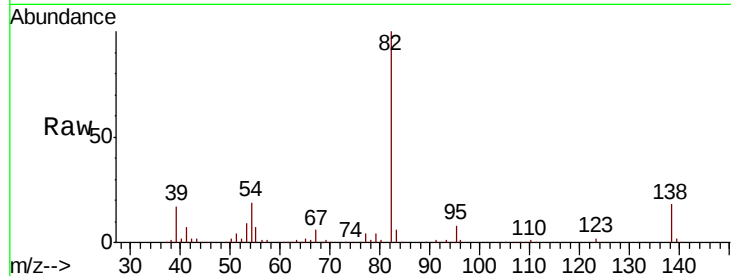
#25
Isophorone
Concen: 39.484 ng
RT: 9.89 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Instrument :
BNA_G
ClientSampleId :
PB117829BSD

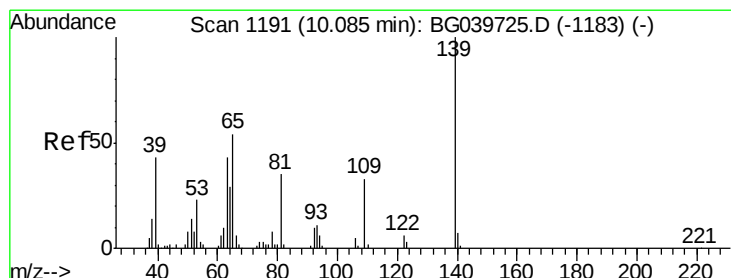
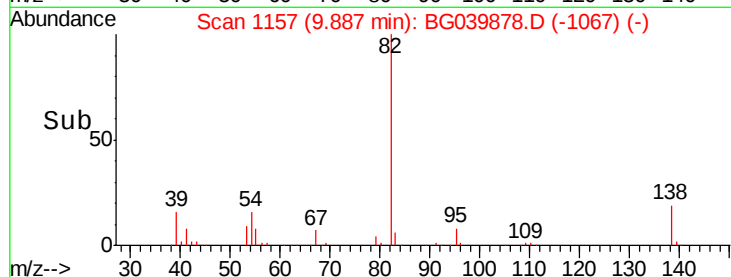
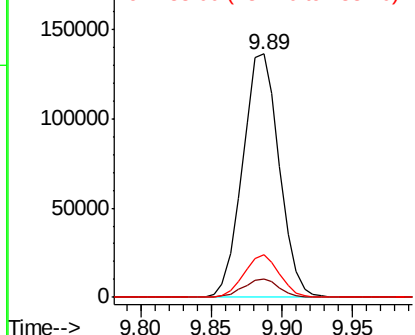
Tot Ion	82	Resp	247384
Ion Ratio	100	Lower	Upper
82	100		
95	7.7	6.2	9.2
138	17.8	13.0	19.4

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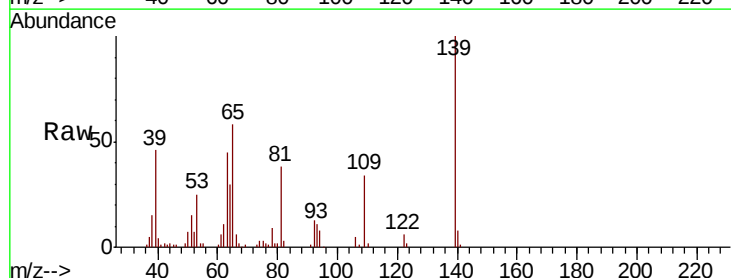


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

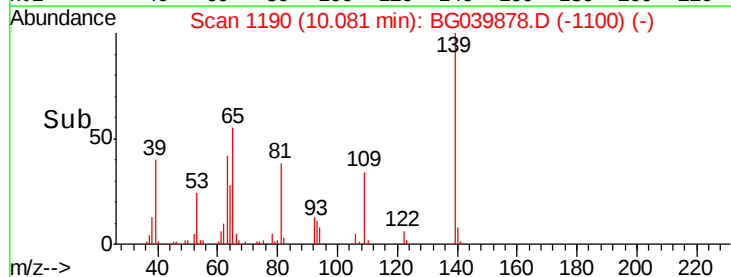
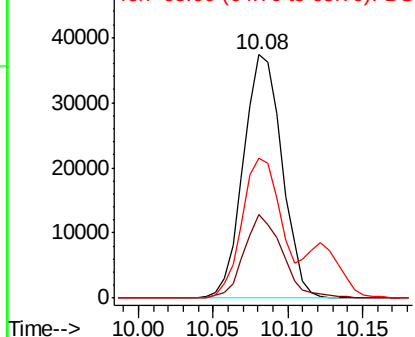


#26
2-Nitrophenol
Concen: 44.123 ng
RT: 10.08 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Tgt Ion	139	Resp	66828
Ion Ratio	100	Lower	Upper
139	100		
109	34.3	23.4	35.0
65	57.7	44.3	66.5



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





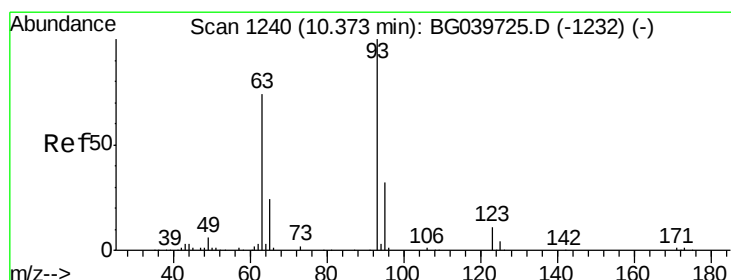
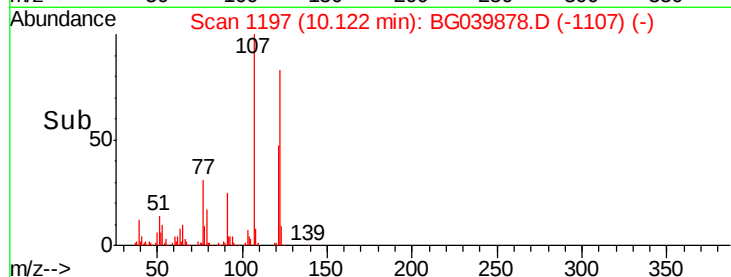
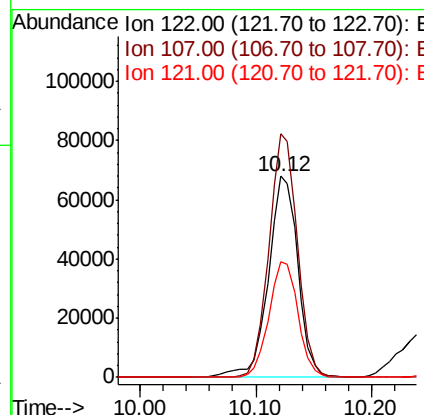
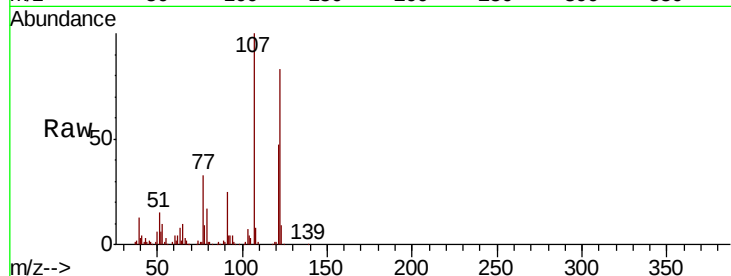
#27
2,4-Dimethylphenol
Concen: 51.528 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Instrument :
BNA_G
ClientSampleId :
PB117829BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	121378		
107	121.1	91.7	137.5	
121	57.5	46.4	69.6	

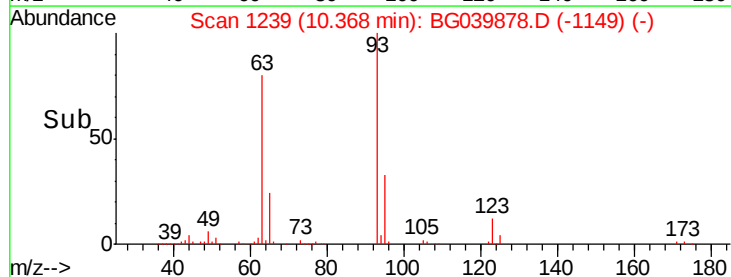
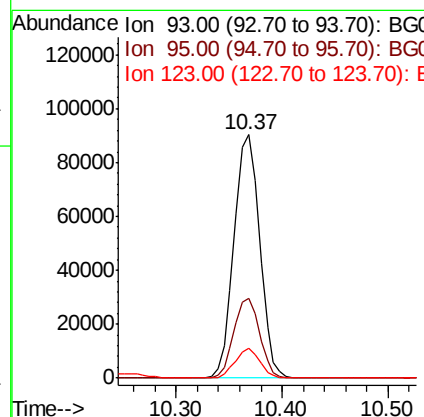
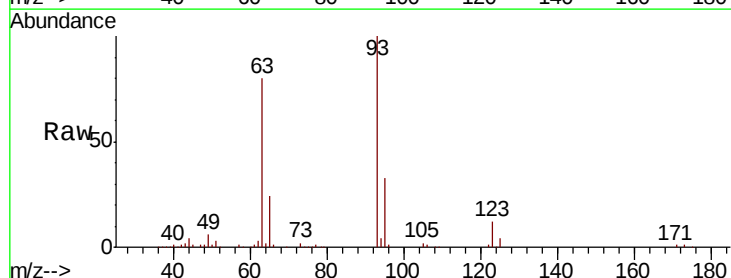
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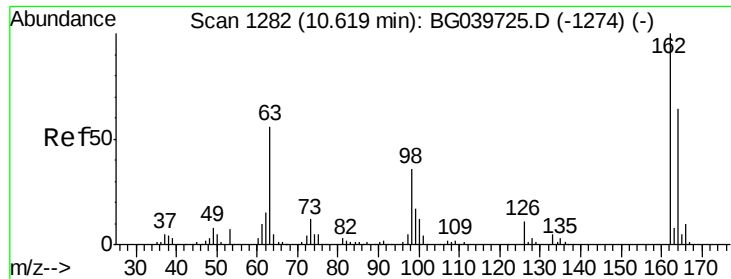
Sohil
3/13/2019 5:49:29 PM



#28
bis(2-Chloroethoxy)methane
Concen: 39.953 ng
RT: 10.37 min Scan# 1239
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	152123		
95	32.7	25.0	37.4	
123	12.1	8.6	12.8	





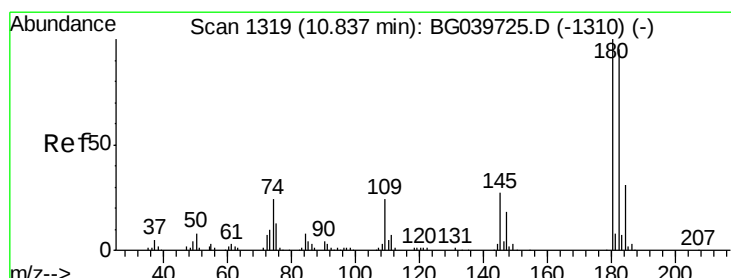
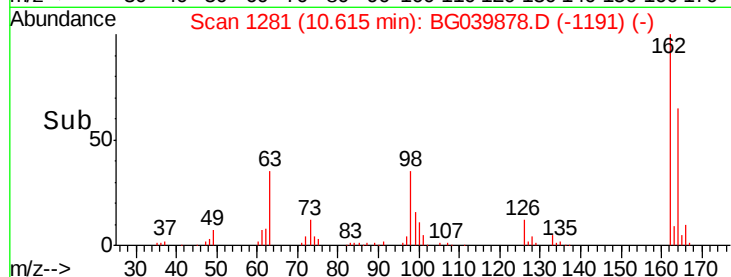
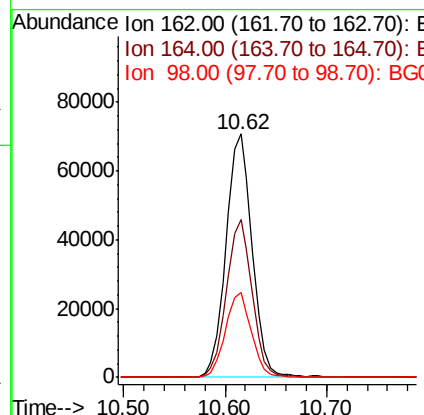
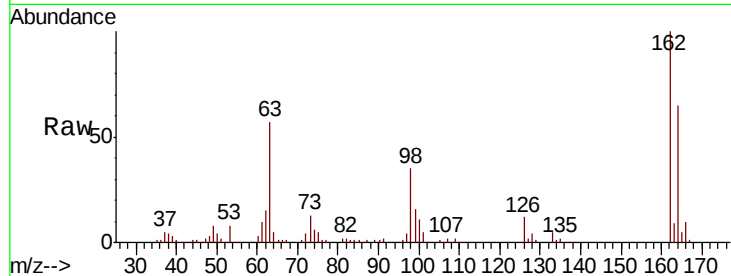
#29
 2,4-Dichlorophenol
 Concen: 47.651 ng
 RT: 10.62 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BG039878.D
 Acq: 12 Mar 2019 17:34

Instrument :
 BNA_G
 ClientSampleId :
 PB117829BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.9	48.1	88.1
98	34.8	18.1	58.1

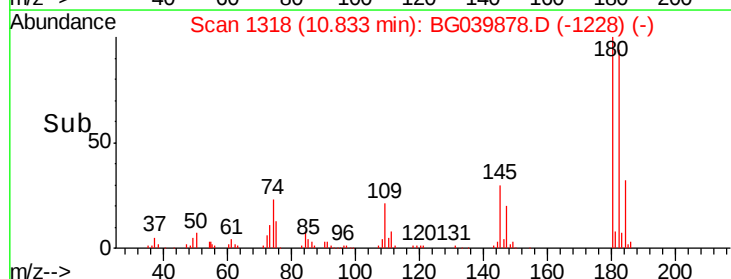
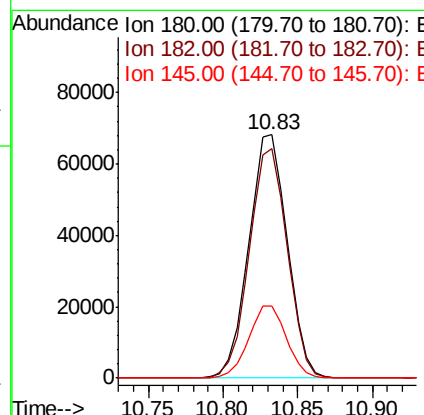
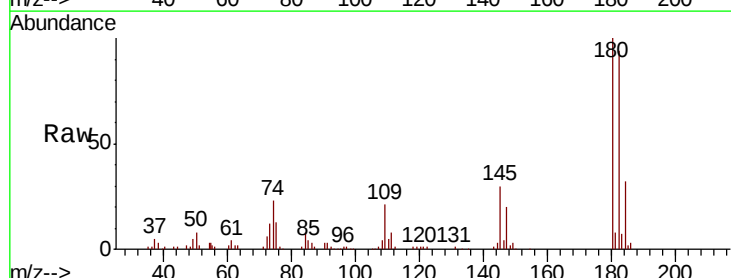
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.657 ng
 RT: 10.83 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BG039878.D
 Acq: 12 Mar 2019 17:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.2	76.0	114.0
145	29.7	22.7	34.1





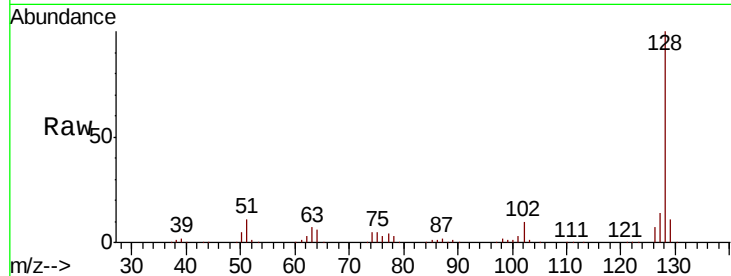
#31
Naphthalene
Concen: 40.964 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Instrument :
BNA_G
ClientSampleId :
PB117829BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.7	13.1
127	13.9	10.8	16.2

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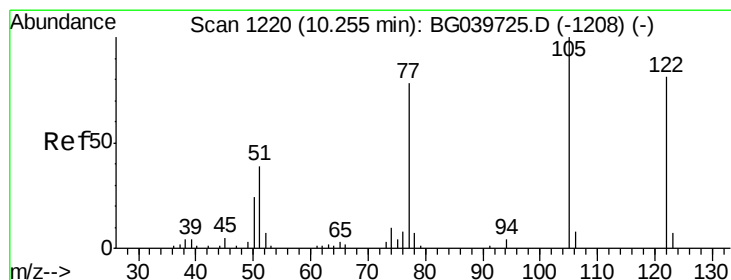
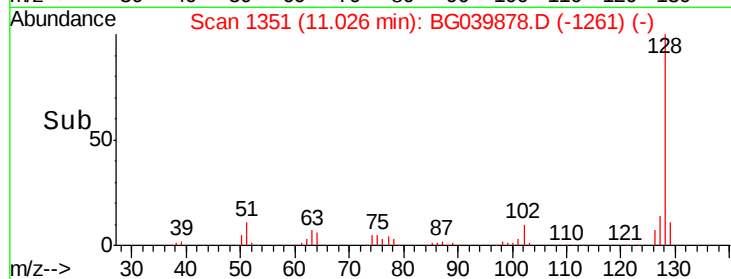
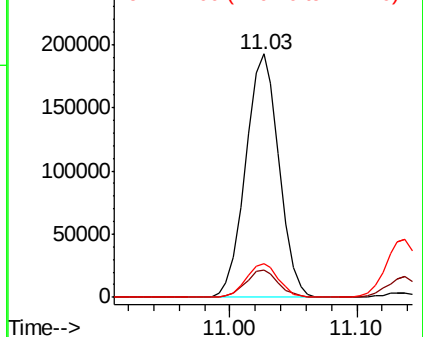


Abundance

Ion 128.00 (127.70 to 128.70): E

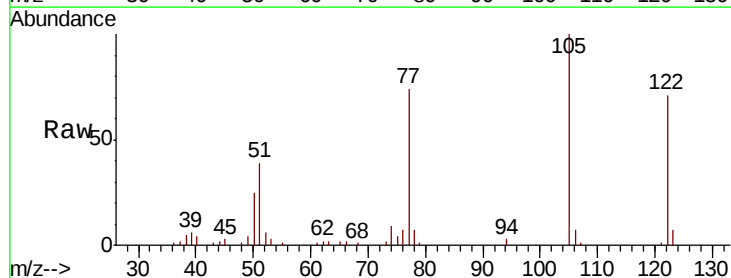
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 41.846 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Tgt Ion	Ratio	Lower	Upper
122	100		
105	141.0	101.8	141.8
77	103.7	76.3	116.3

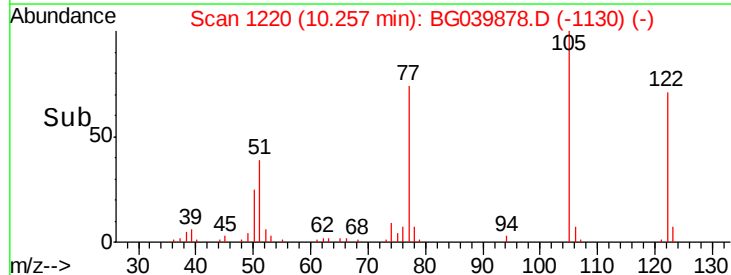
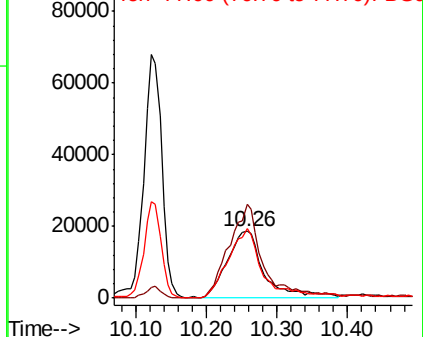


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





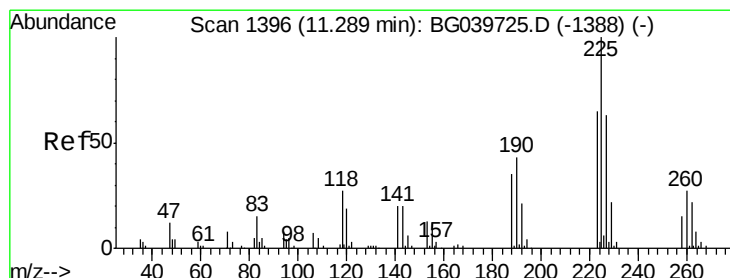
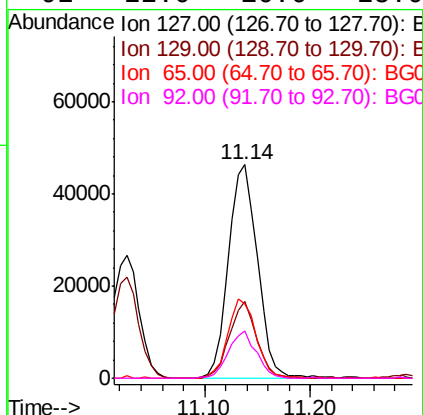
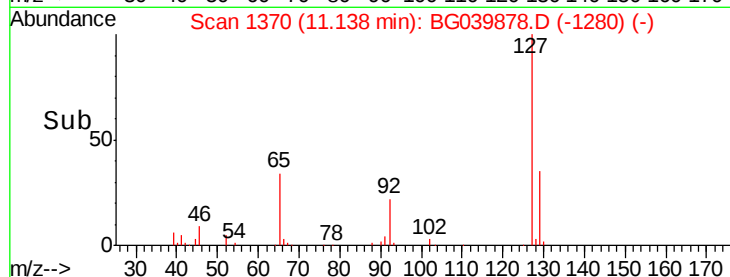
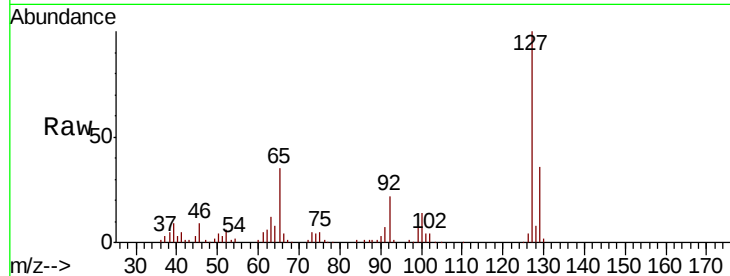
#33
4-Chloroaniline
Concen: 24.271 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Instrument :
BNA_G
ClientSampleId :
PB117829BSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	35.8	27.0	40.4
65	34.8	28.8	43.2
92	22.0	16.6	25.0

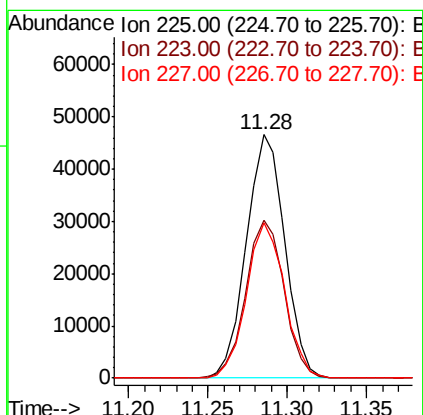
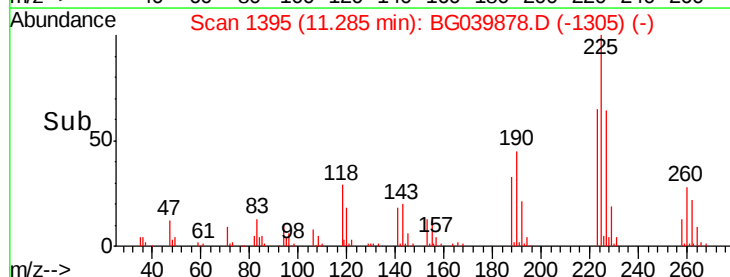
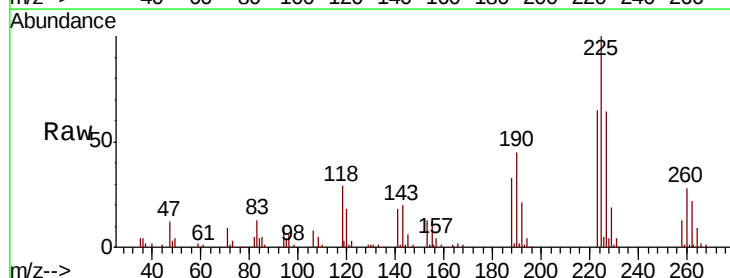
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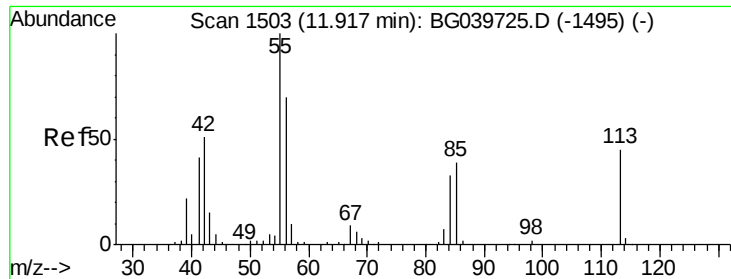
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#34
Hexachlorobutadiene
Concen: 38.460 ng
RT: 11.28 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.7	49.0	73.6
227	63.7	46.3	69.5





#35

Caprolactam

Concen: 43.760 ng/mL

RT: 11.92 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

Instrument :

BNA_G

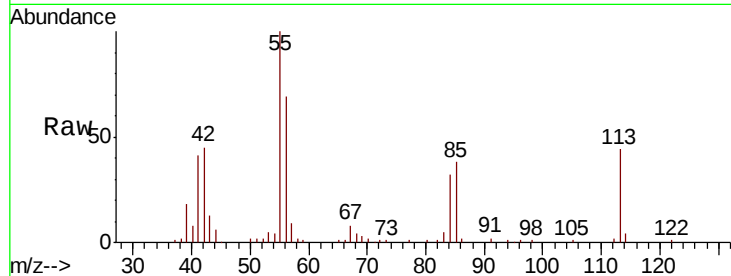
ClientSampleId :

PB117829BSD

Tot Ion:	113	Resp:	44333
Ion	Ratio	Lower	Upper
113	100		
55	227.9	216.9	256.9
56	156.6	152.6	192.6

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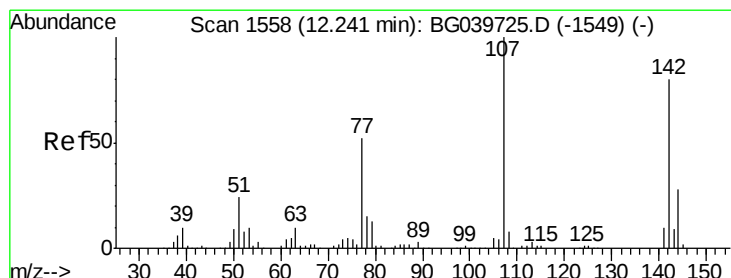
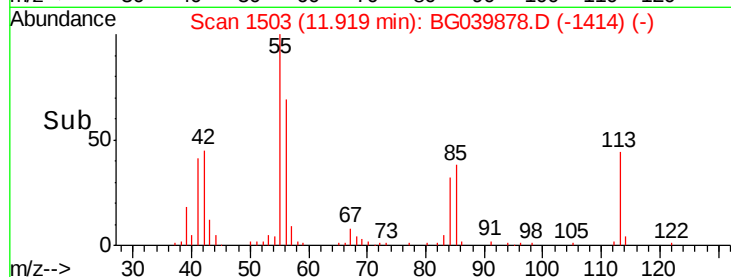
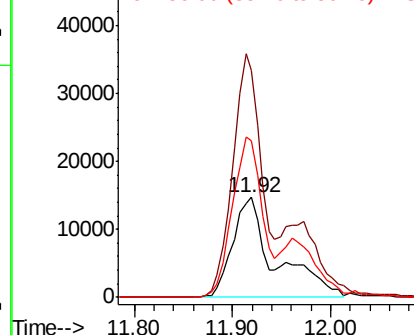


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 45.075 ng/mL

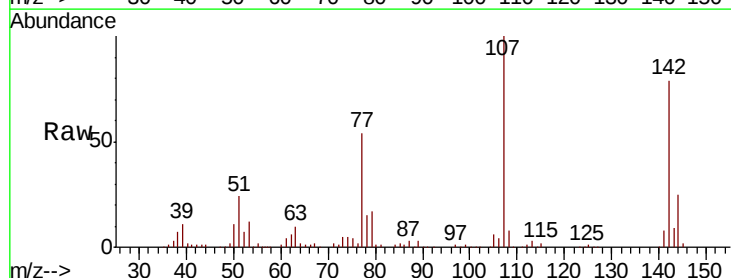
RT: 12.24 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

Tgt Ion:	107	Resp:	137036
Ion	Ratio	Lower	Upper
107	100		
144	24.8	20.2	30.2
142	79.0	61.4	92.2

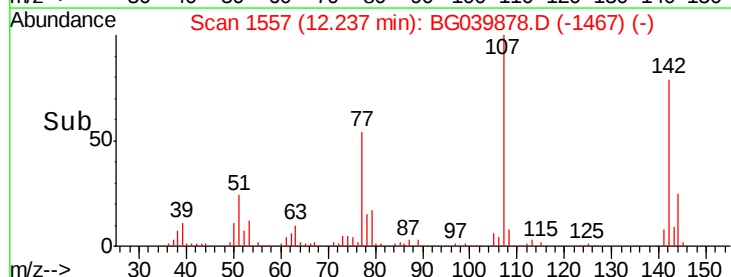
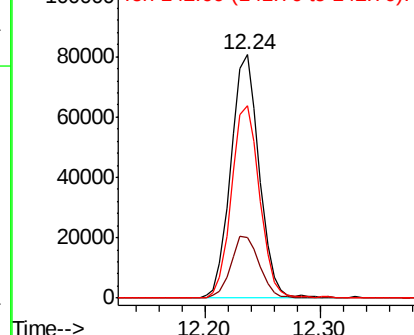


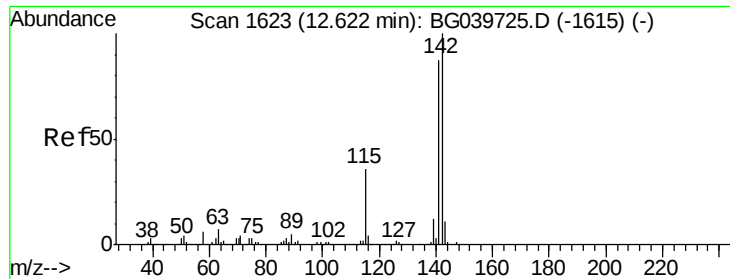
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





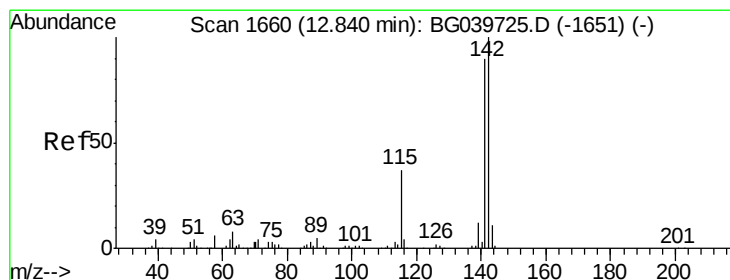
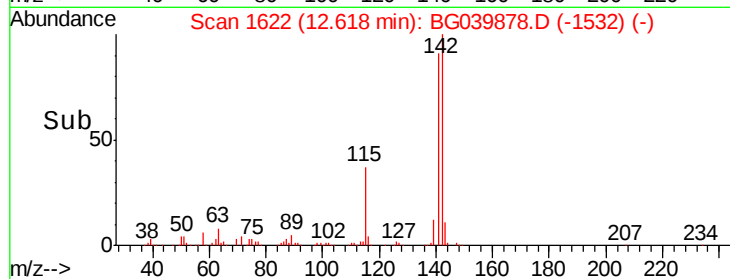
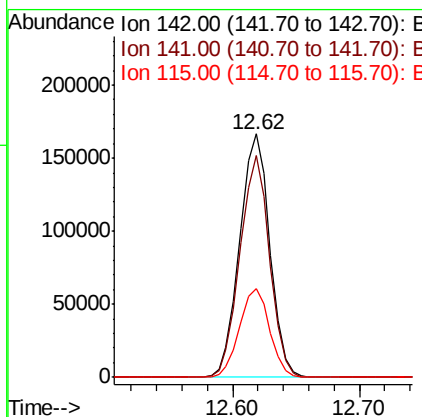
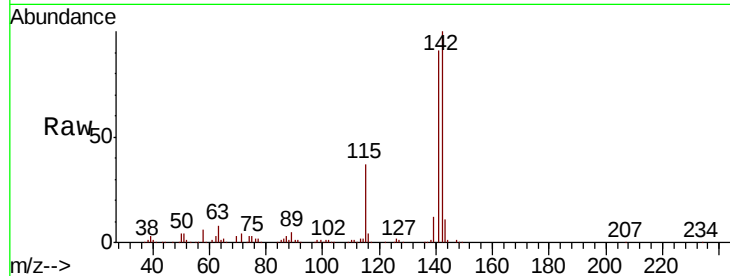
#37
2-Methylnaphthalene
Concen: 42.742 ng
RT: 12.62 min Scan# 1622
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Instrument :
BNA_G
ClientSampleId :
PB117829BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.5	110.3
115	36.6	30.8	46.2

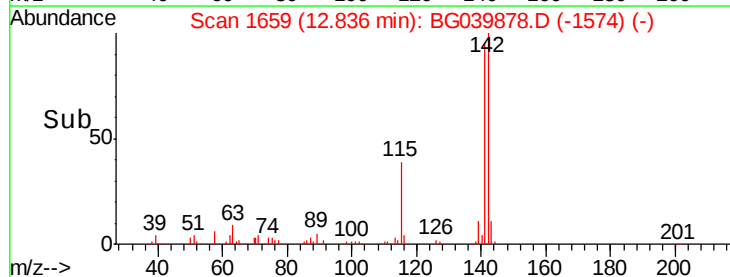
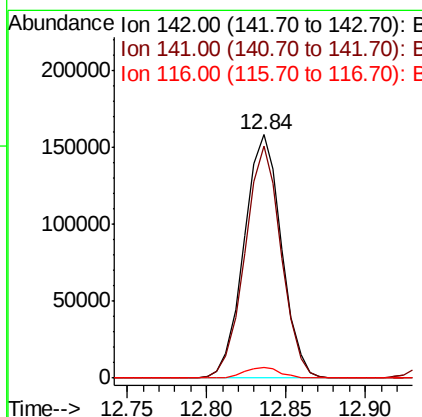
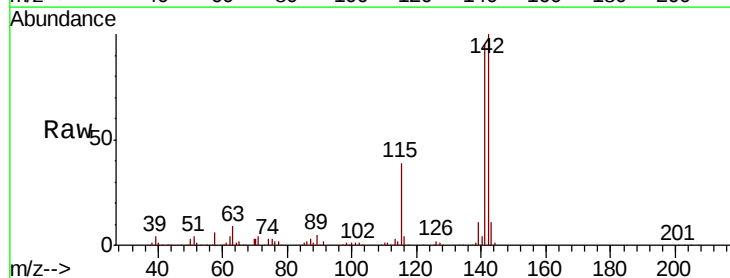
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#38
1-Methylnaphthalene
Concen: 41.688 ng
RT: 12.84 min Scan# 1659
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.1	74.2	111.4
116	4.2	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

Instrument :

BNA_G

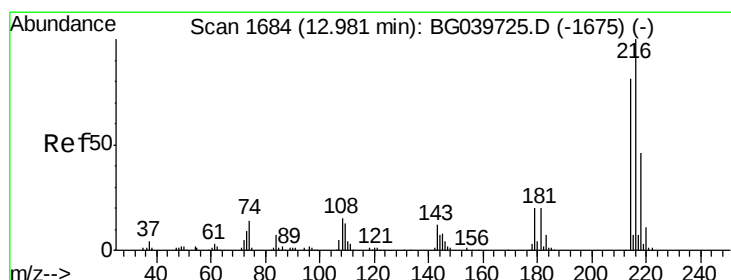
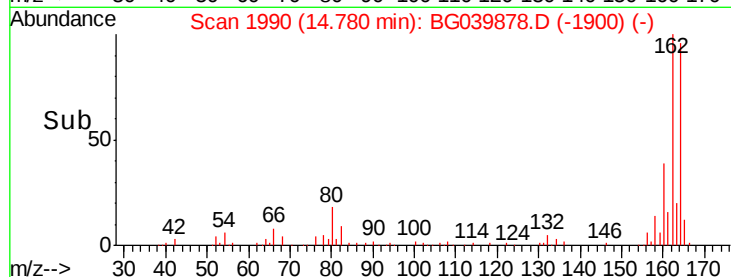
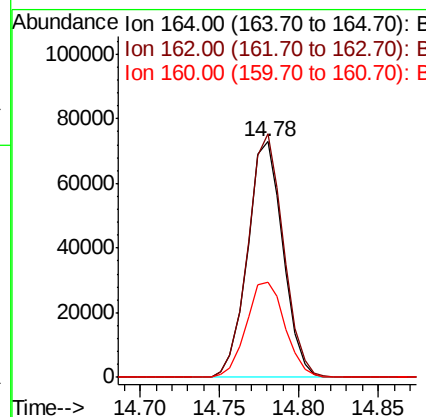
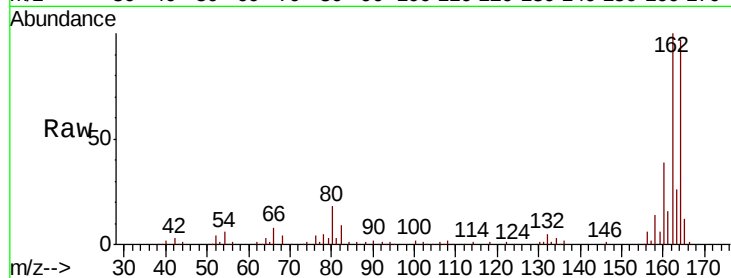
ClientSampleId :

PB117829BSD

Tot Ion:	164	Resp:	112846
Ion Ratio	Lower	Upper	
164	100		
162	103.4	81.6	122.4
160	40.3	34.2	51.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.503 ng

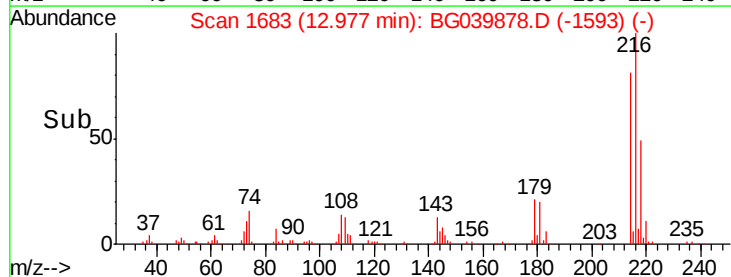
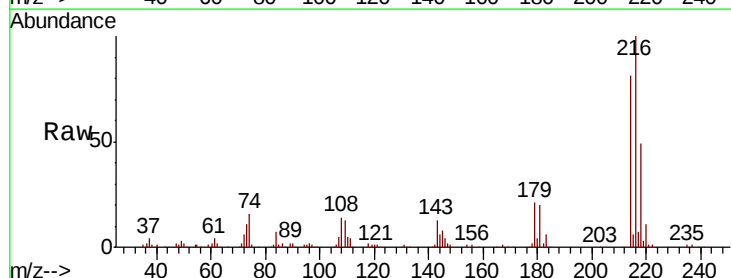
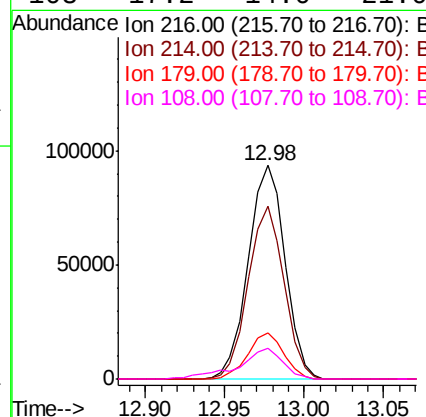
RT: 12.98 min Scan# 1683

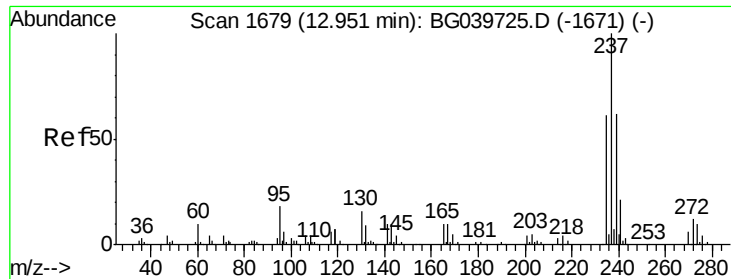
Delta R.T. -0.00 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

Tgt Ion:	216	Resp:	151017
Ion Ratio	Lower	Upper	
216	100		
214	78.9	62.6	94.0
179	20.8	16.6	25.0
108	17.2	14.0	21.0





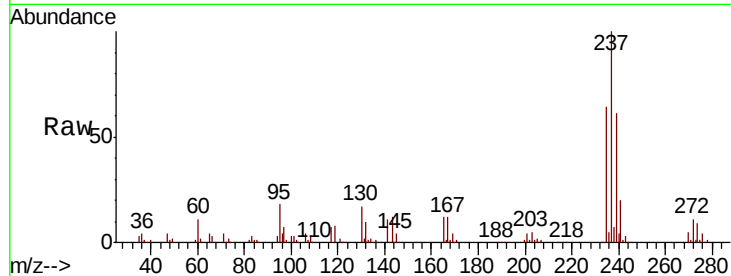
#41
Hexachlorocyclopentadiene
Concen: 87.121 ng
RT: 12.94 min Scan# 1677
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Instrument :
BNA_G
ClientSampleId :
PB117829BSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.6	43.3	83.3
272	11.5	0.0	32.3

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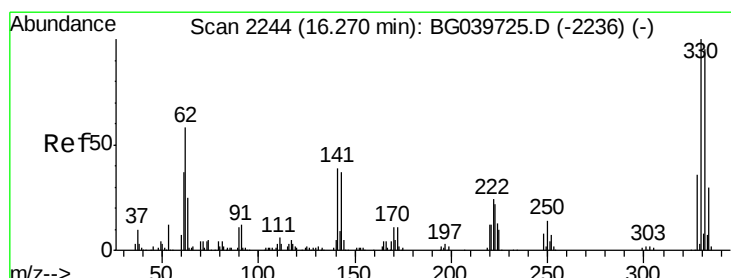
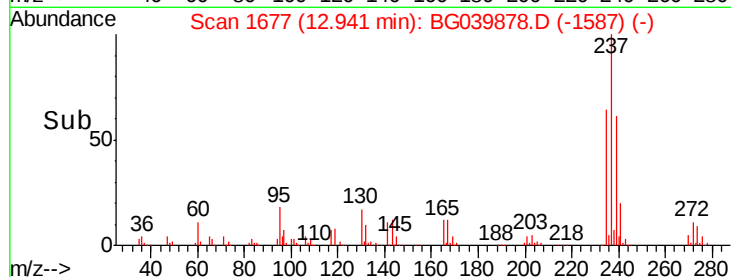
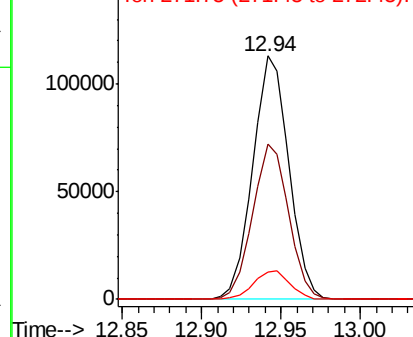


Abundance

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: 139.602 ng
RT: 16.27 min Scan# 2243
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

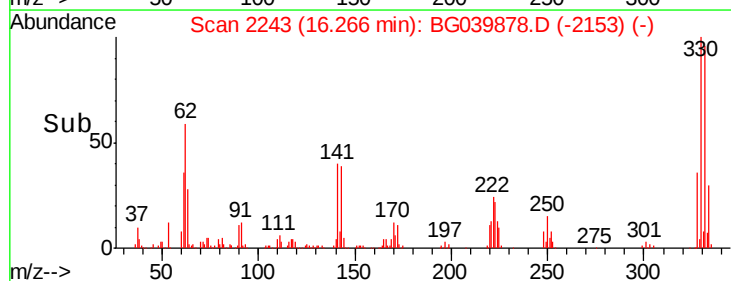
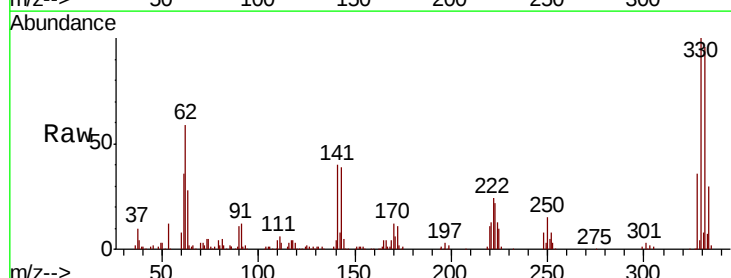
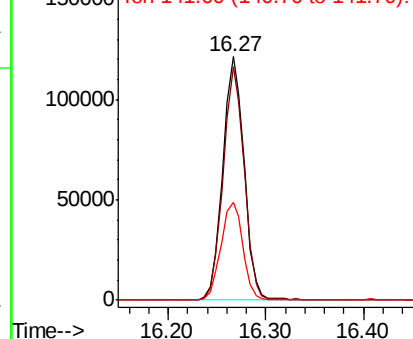
Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.1	75.7	113.5
141	41.2	35.6	53.4

Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





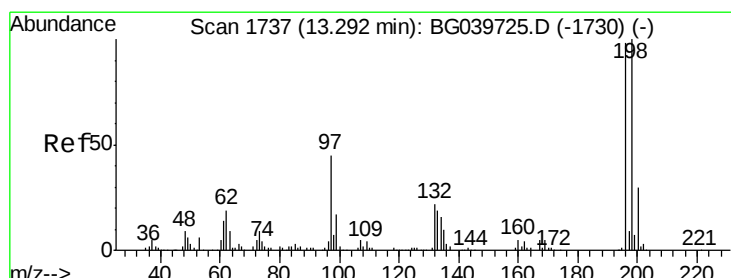
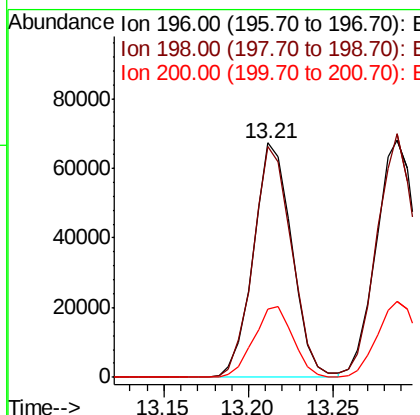
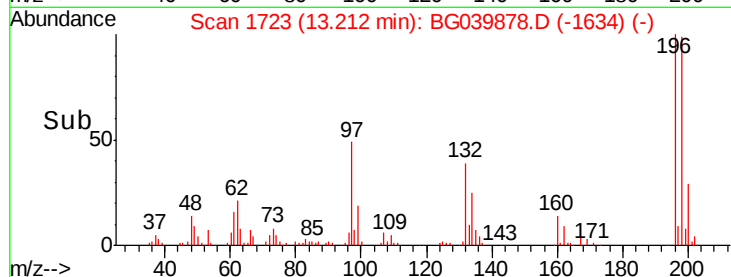
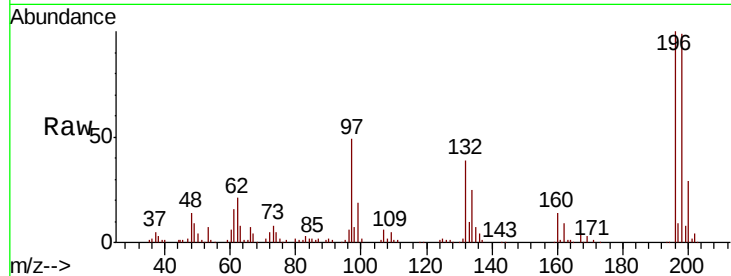
#43
 2,4,6-Trichlorophenol
 Concen: 47.557 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG039878.D
 Acq: 12 Mar 2019 17:34

Instrument :
 BNA_G
 ClientSampleId :
 PB117829BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	106440		
198	98.7	80.6	121.0	
200	29.2	26.1	39.1	

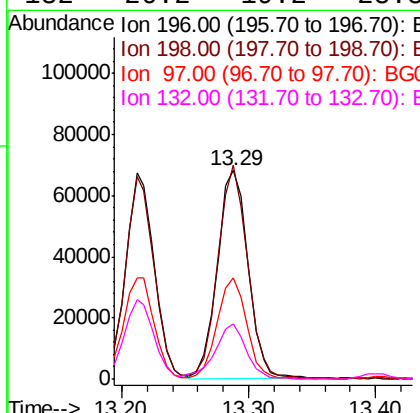
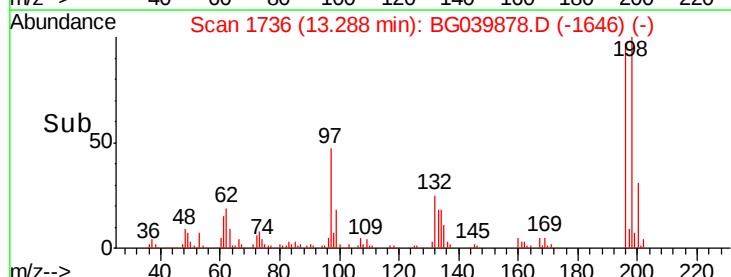
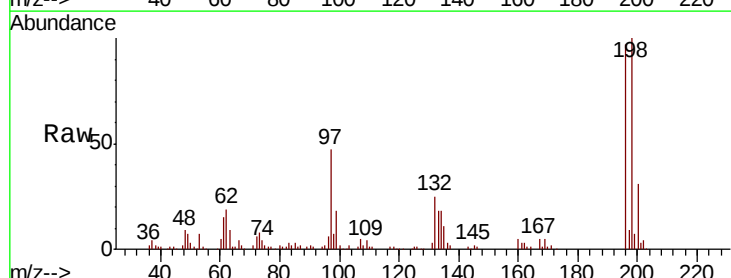
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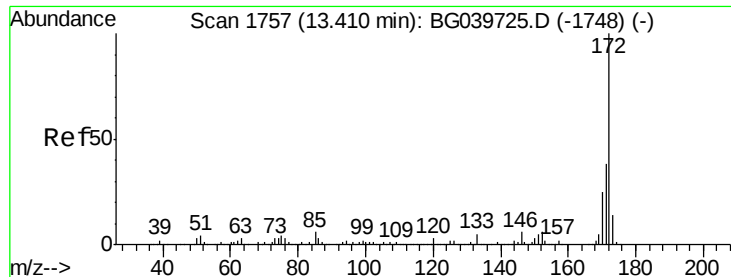
Sohil
 3/13/2019 5:49:29 PM



#44
 2,4,5-Trichlorophenol
 Concen: 45.527 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: BG039878.D
 Acq: 12 Mar 2019 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	114856		
198	102.6	78.5	117.7	
97	48.6	38.4	57.6	
132	26.2	19.2	28.8	





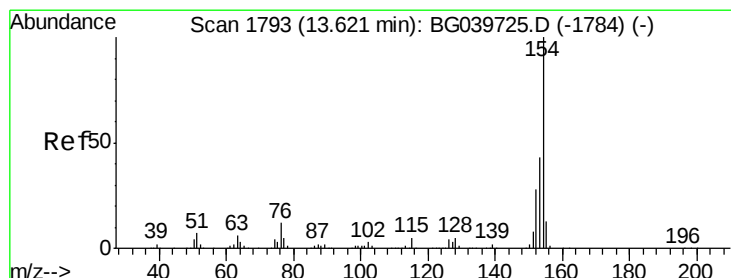
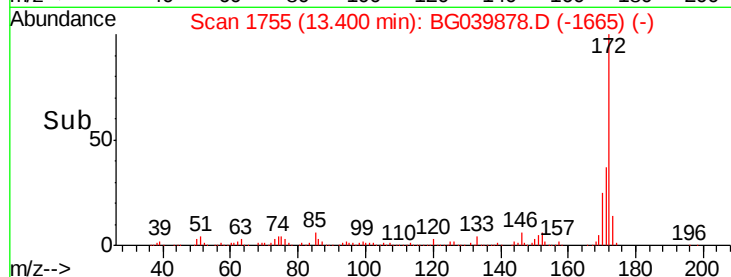
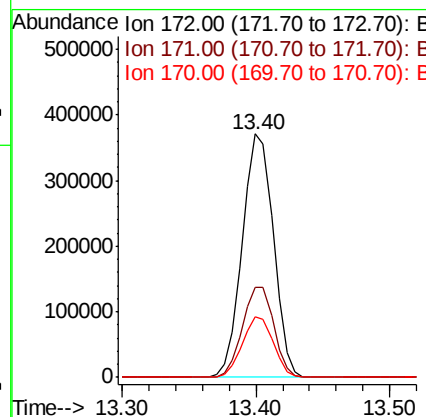
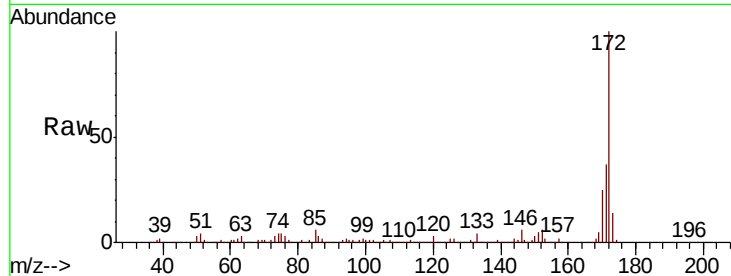
#45
 2-Fluorobiphenyl
 Concen: 75.304 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.00 min
 Lab File: BG039878.D
 Acq: 12 Mar 2019 17:34

Instrument :
 BNA_G
 ClientSampleId :
 PB117829BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.8	46.2
170	25.1	20.2	30.4

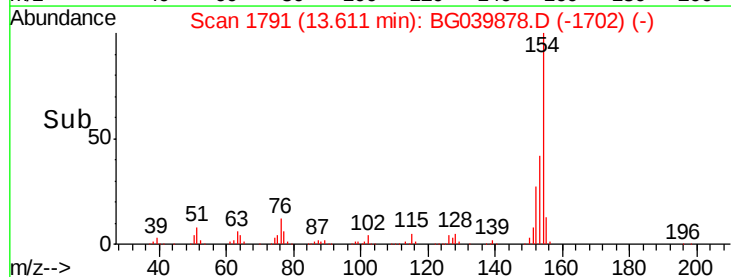
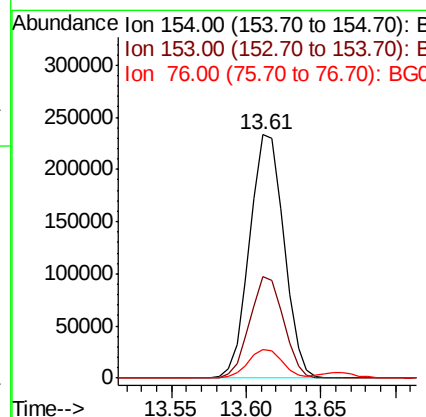
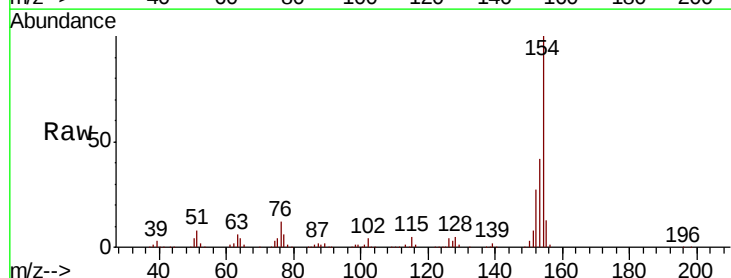
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#46
 1,1'-Biphenyl
 Concen: 39.843 ng
 RT: 13.61 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: BG039878.D
 Acq: 12 Mar 2019 17:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	22.1	62.1
76	11.6	0.0	32.4





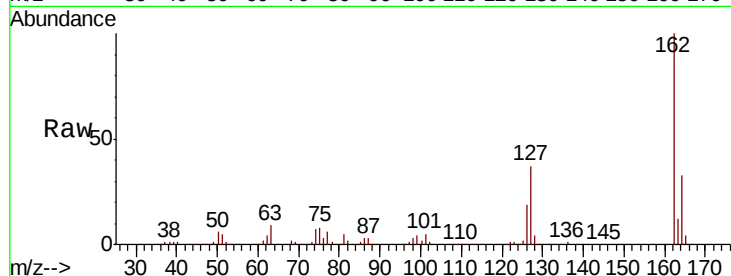
#47
 2-Chloronaphthalene
 Concen: 41.563 ng
 RT: 13.66 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG039878.D
 Acq: 12 Mar 2019 17:34

Instrument :
 BNA_G
 ClientSampleId :
 PB117829BSD

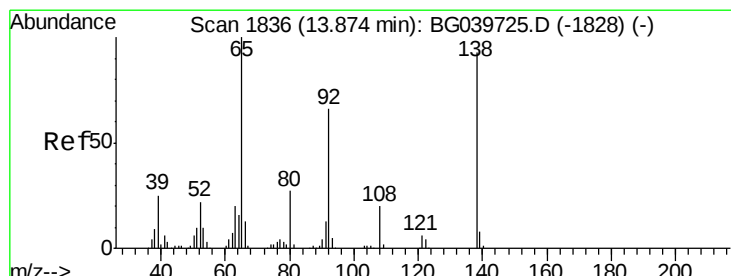
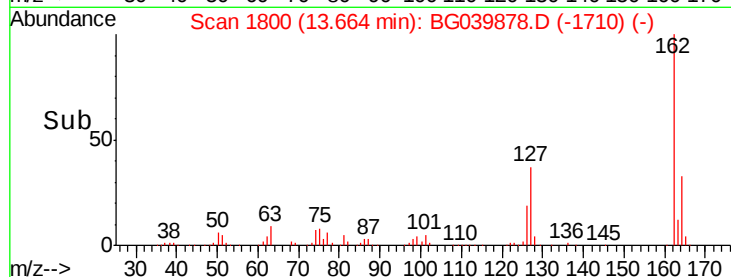
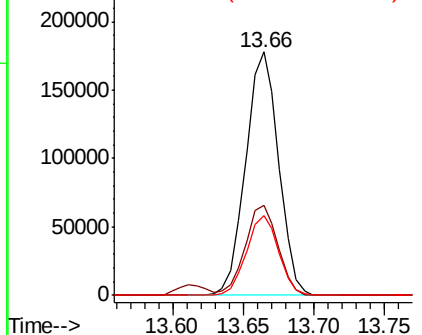
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.2	31.0	46.6
164	32.8	25.7	38.5

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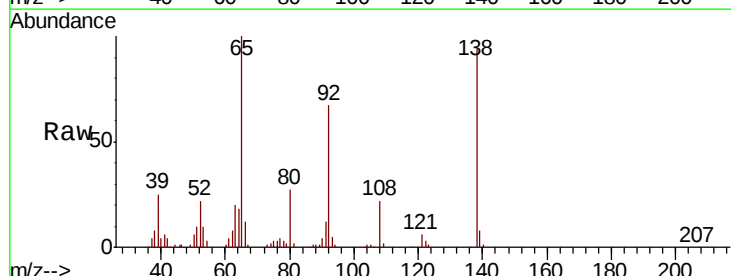


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

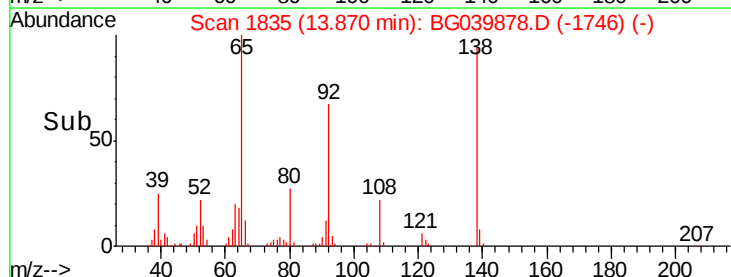
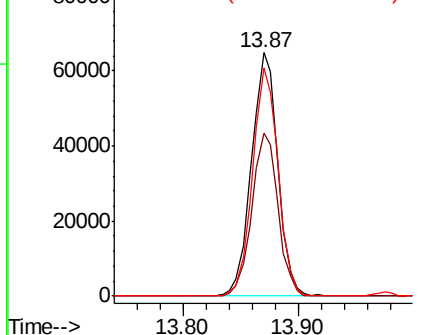


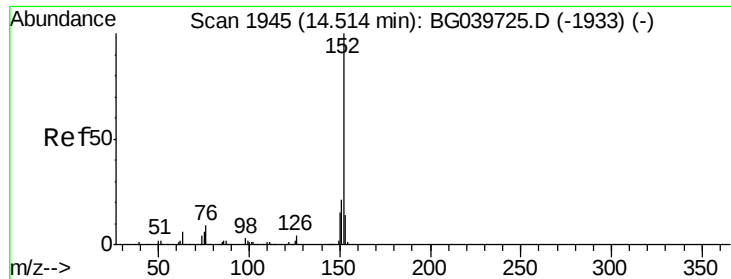
#48
 2-Nitroaniline
 Concen: 45.790 ng
 RT: 13.87 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: BG039878.D
 Acq: 12 Mar 2019 17:34

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.8	51.4	77.2
138	93.5	71.4	107.2



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





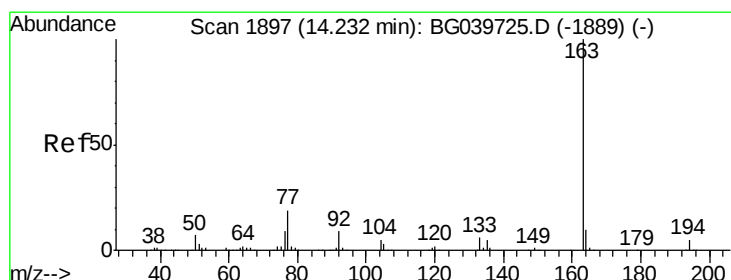
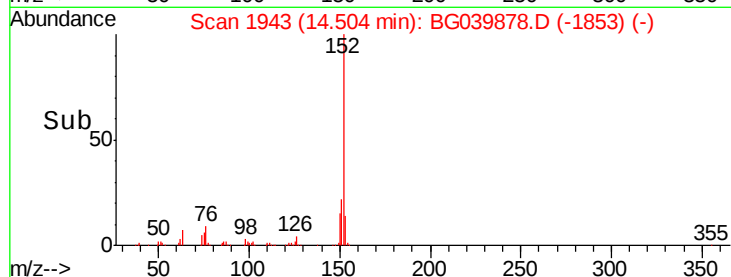
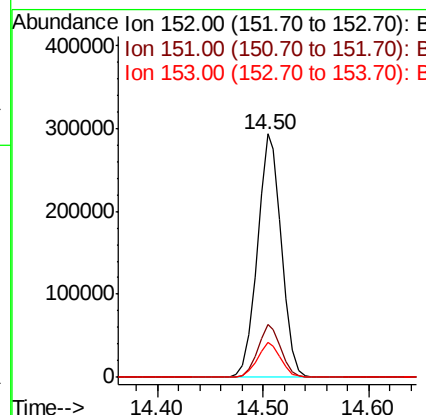
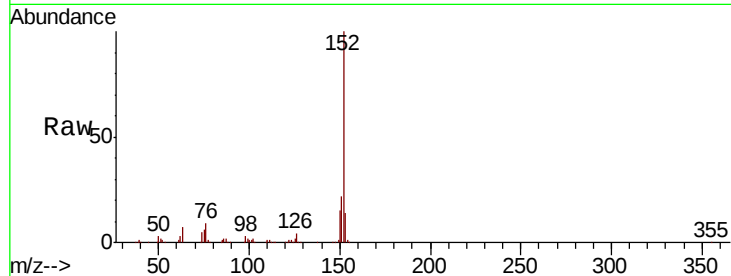
#49
Acenaphthylene
Concen: 40.274 ng
RT: 14.50 min Scan# 1943
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Instrument :
BNA_G
ClientSampleId :
PB117829BSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.6	16.8	25.2
153	14.4	11.7	17.5

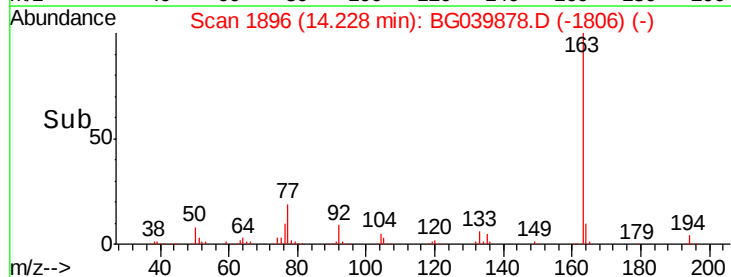
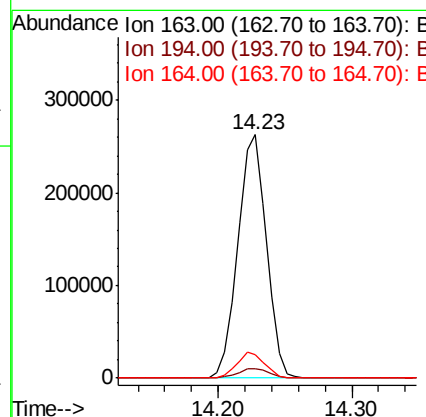
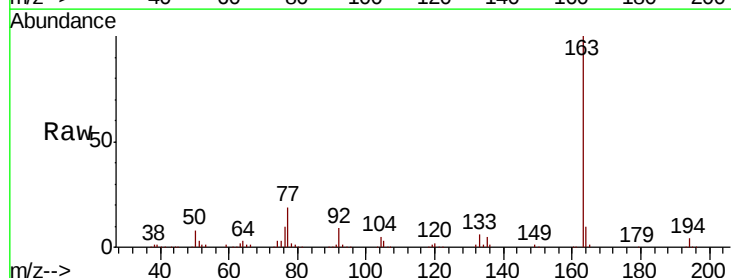
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#50
Dimethylphthalate
Concen: 41.250 ng
RT: 14.23 min Scan# 1896
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.6	5.4
164	9.8	8.4	12.6





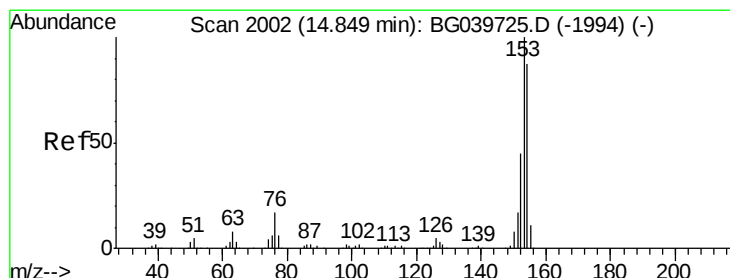
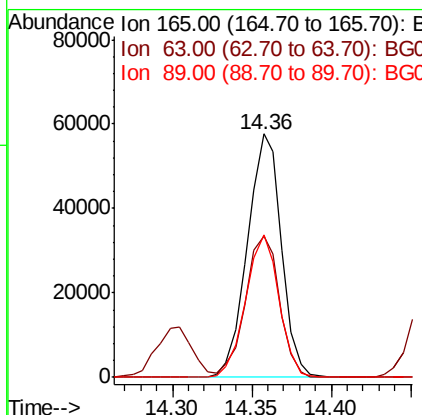
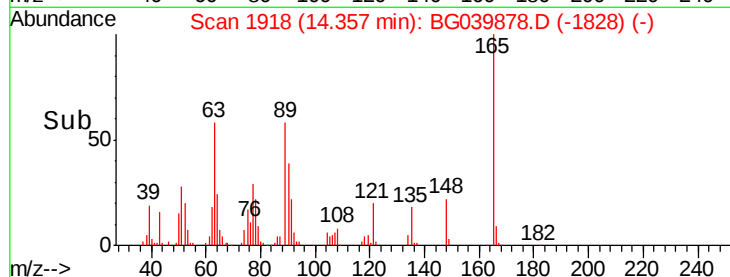
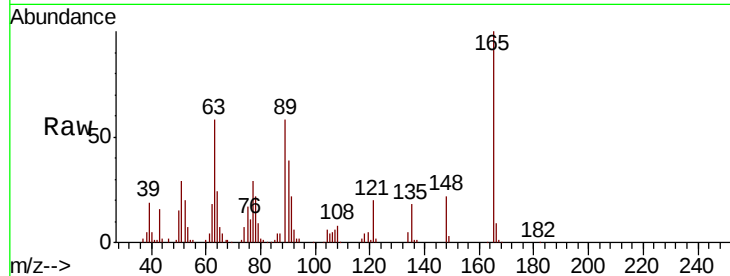
#51
2,6-Dinitrotoluene
Concen: 42.821 ng
RT: 14.36 min Scan# 1918
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Instrument :
BNA_G
ClientSampleId :
PB117829BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	85659		
63	58.2		47.0	70.6
89	58.3		45.8	68.8

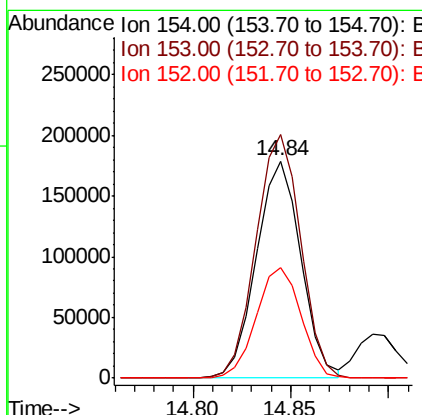
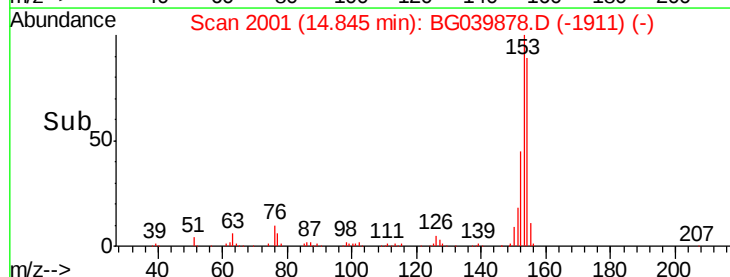
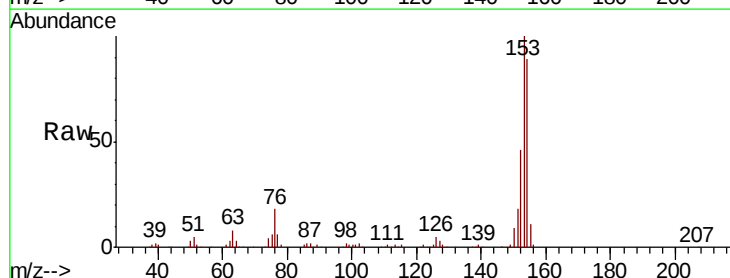
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#52
Acenaphthene
Concen: 40.842 ng
RT: 14.84 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	281762		
153	112.2		90.1	135.1
152	51.1		40.9	61.3





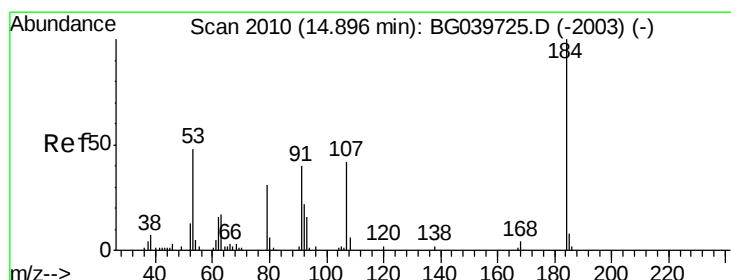
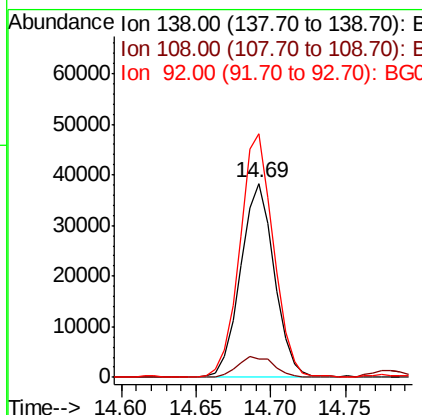
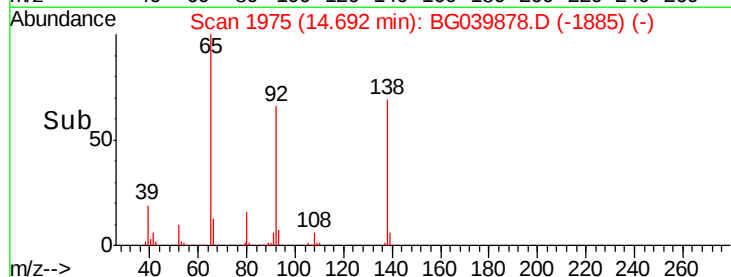
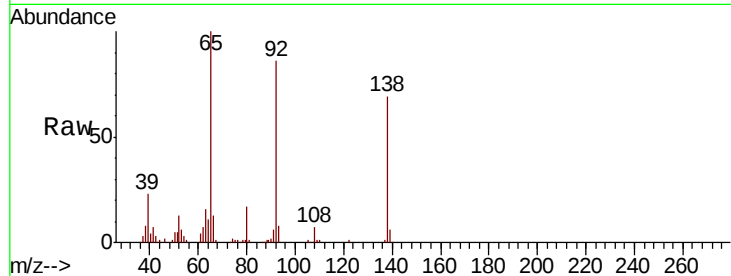
#53
3-Nitroaniline
Concen: 29.838 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Instrument :
BNA_G
ClientSampleId :
PB117829BSD

Tot Ion:138 Resp: 60000
Ion Ratio Lower Upper
138 100
108 9.7 13.8 20.8#
92 125.6 103.7 155.5

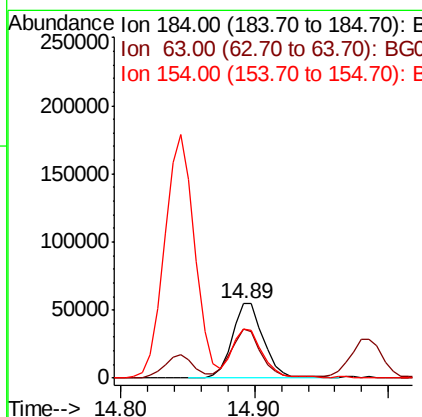
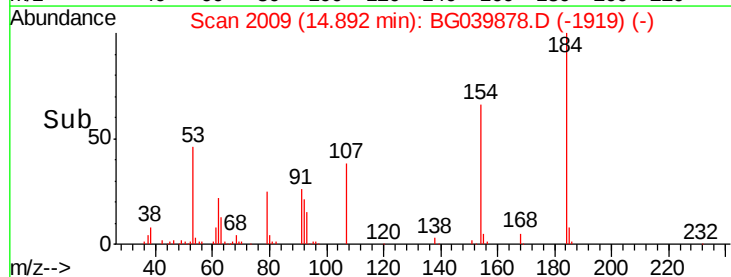
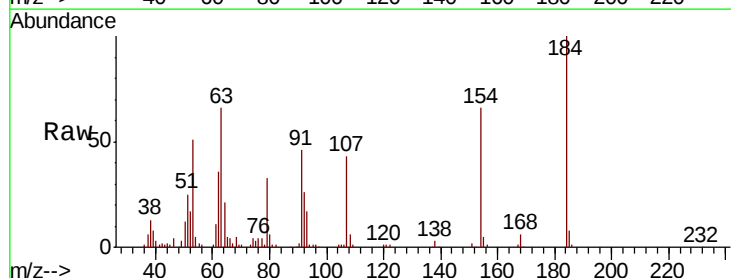
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#54
2,4-Dinitrophenol
Concen: 72.204 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Tgt Ion:184 Resp: 90396
Ion Ratio Lower Upper
184 100
63 66.3 50.9 76.3
154 65.9 53.0 79.6





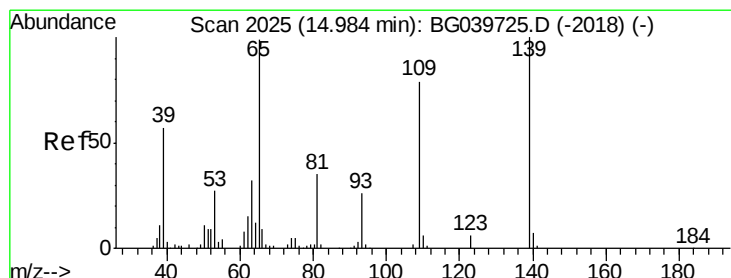
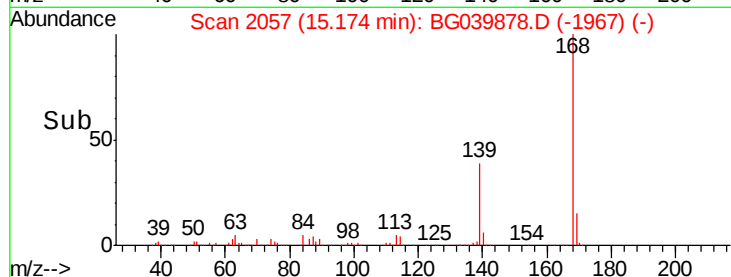
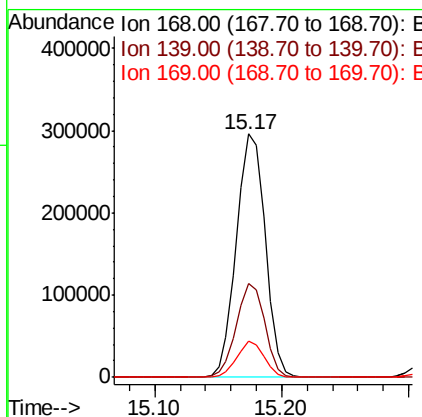
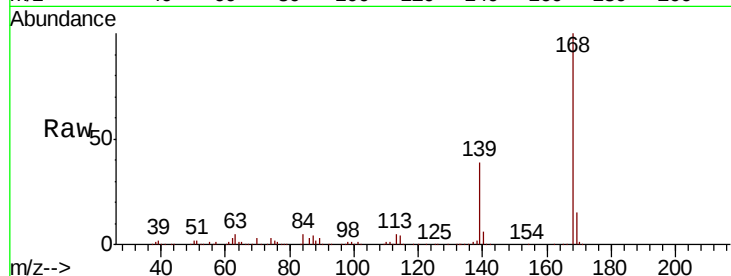
#55
Dibenzenofuran
Concen: 41.303 ng
RT: 15.17 min Scan# 2057
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Instrument :
BNA_G
ClientSampleId :
PB117829BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.7	30.1	45.1
169	14.7	10.6	16.0

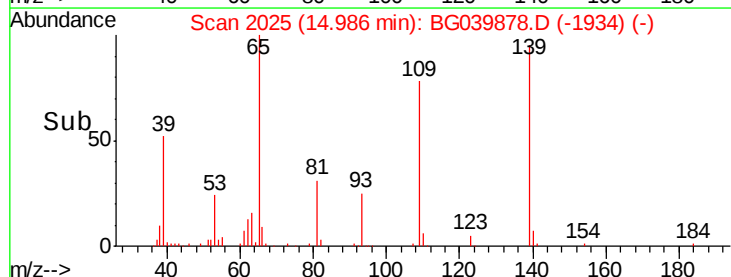
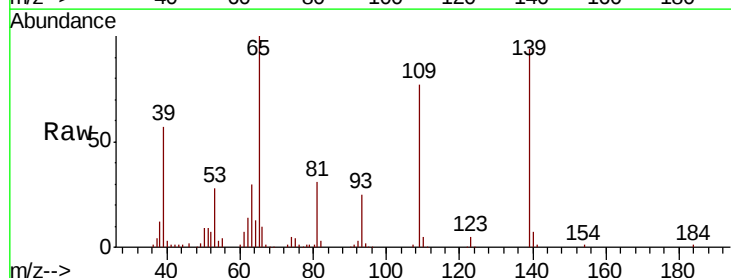
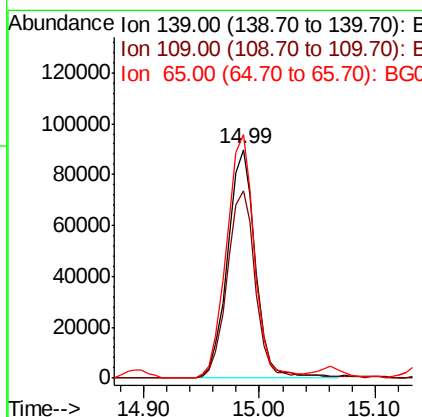
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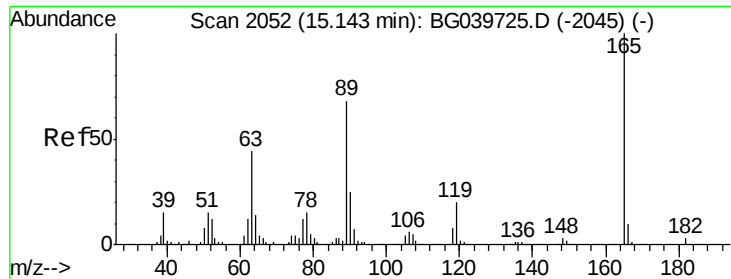
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#56
4-Nitrophenol
Concen: 83.201 ng
RT: 14.99 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Tgt Ion	Ratio	Lower	Upper
139	100		
109	82.0	61.9	101.9
65	106.4	99.1	139.1





#57

2,4-Dinitrotoluene

Concen: 44.666 ng

RT: 15.14 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

Instrument :

BNA_G

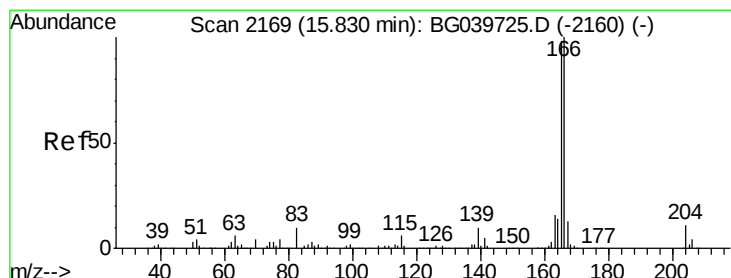
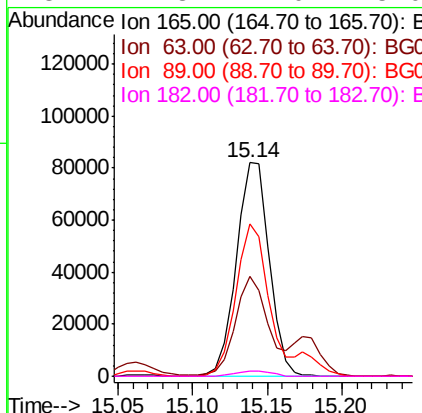
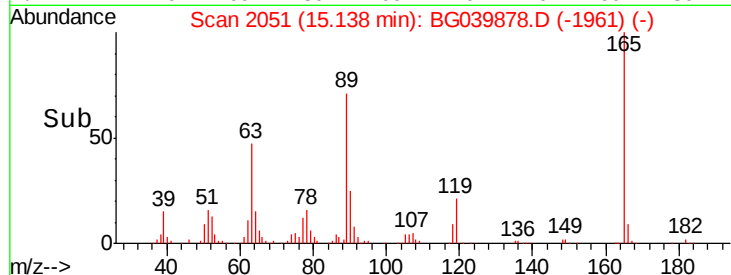
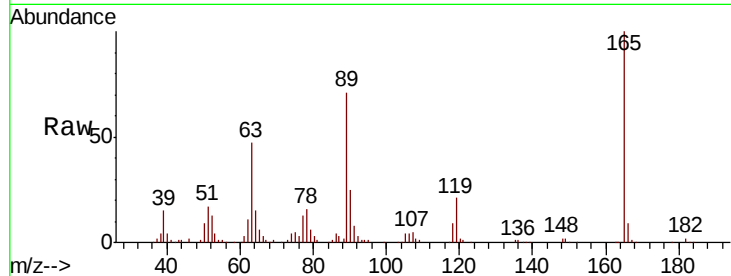
ClientSampleId :

PB117829BSD

Tot Ion:	165	Resp:	125547
Ion Ratio	Lower	Upper	
165	100		
63	46.6	41.0	61.6
89	71.1	64.6	96.8
182	2.3	2.0	3.0

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#58

Fluorene

Concen: 41.579 ng

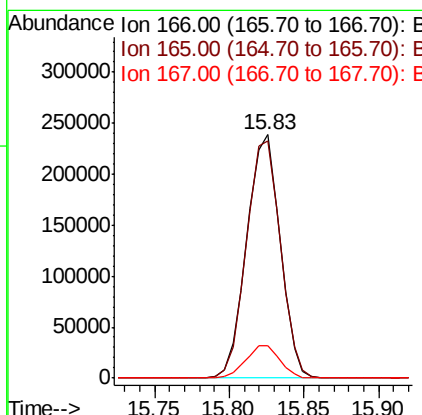
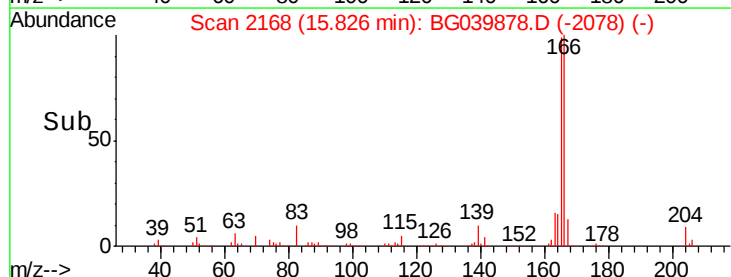
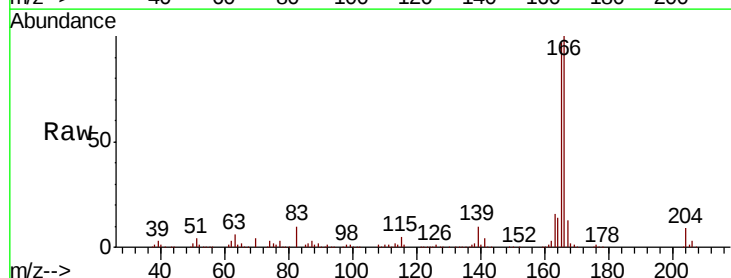
RT: 15.83 min Scan# 2168

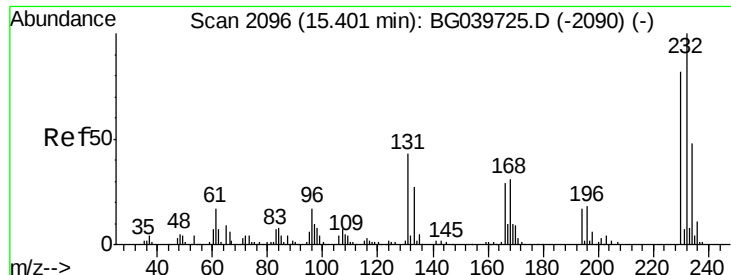
Delta R.T. -0.00 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

Tgt Ion:	166	Resp:	369976
Ion Ratio	Lower	Upper	
166	100		
165	97.5	77.9	116.9
167	13.2	10.8	16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 48.021 ng

RT: 15.40 min Scan# 2095

Delta R.T. -0.00 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

Instrument :

BNA_G

ClientSampleId :

PB117829BSD

Tot Ion:232 Resp: 118315

Ion Ratio Lower Upper

232 100

131 39.3 34.9 52.3

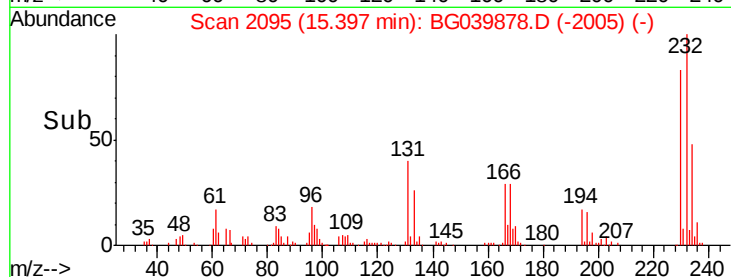
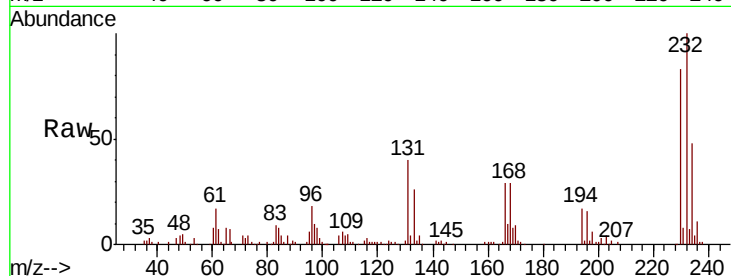
130 2.5 2.0 3.0

166 29.4 24.1 36.1

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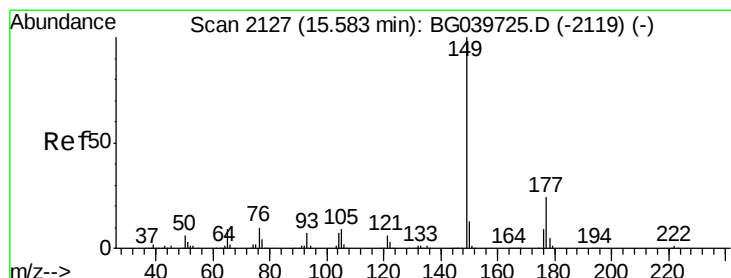
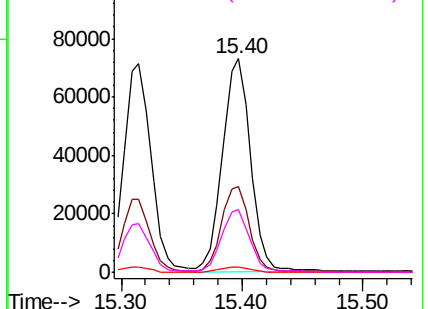


Abundance Ion 232.00 (231.70 to 232.70): E

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: 42.028 ng

RT: 15.58 min Scan# 2126

Delta R.T. -0.00 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

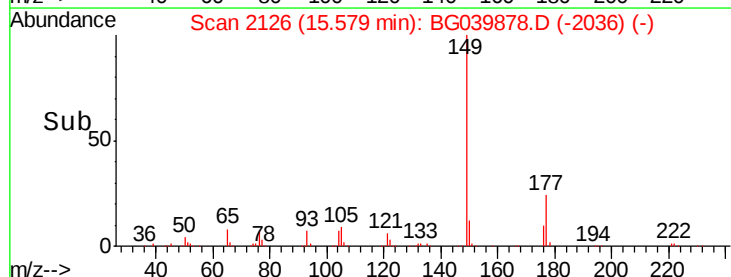
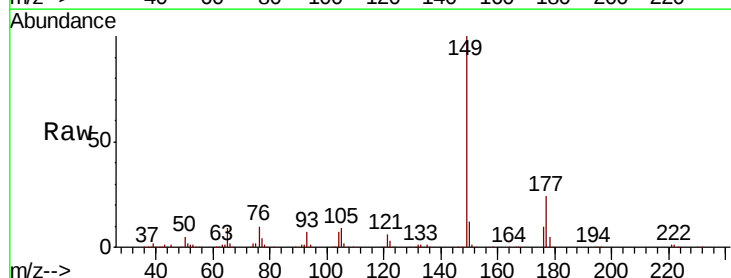
Tgt Ion:149 Resp: 392588

Ion Ratio Lower Upper

149 100

177 24.3 18.3 27.5

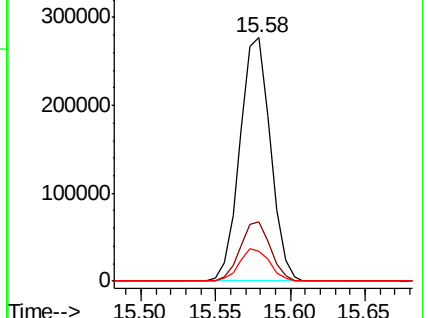
150 12.2 10.2 15.2

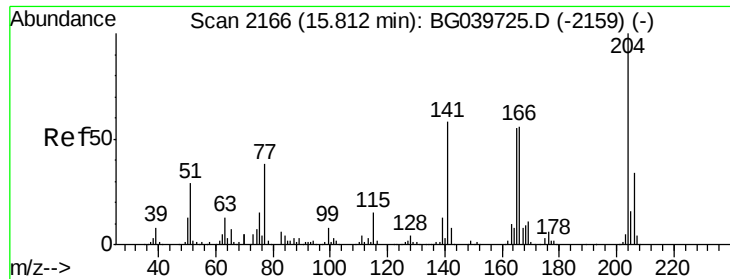


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





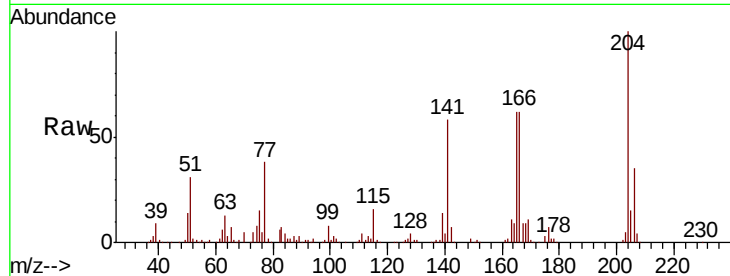
#61
4-Chlorophenyl-phenylether
Concen: 40.541 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Instrument :
BNA_G
ClientSampleId :
PB117829BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.1	29.2	43.8
141	58.2	49.0	73.4

Manual Integrations
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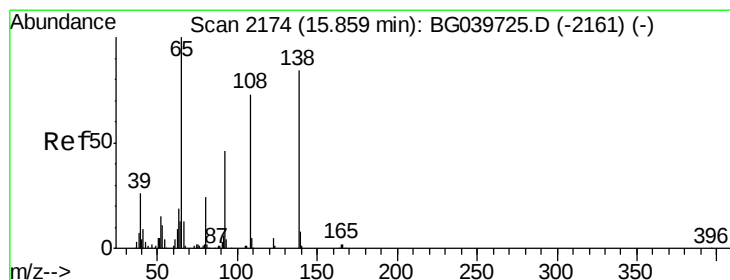
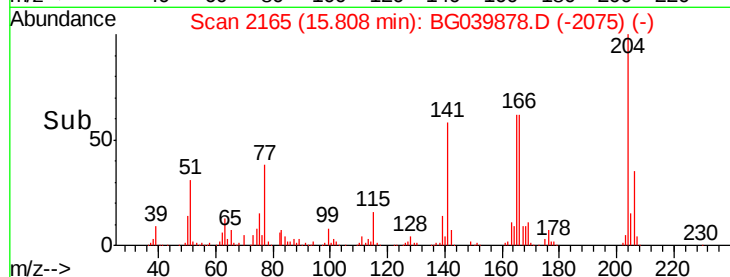
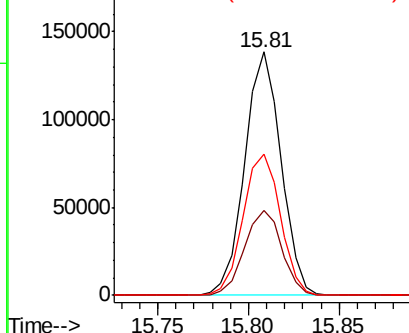


Abundance

Ion 204.00 (203.70 to 204.70): E

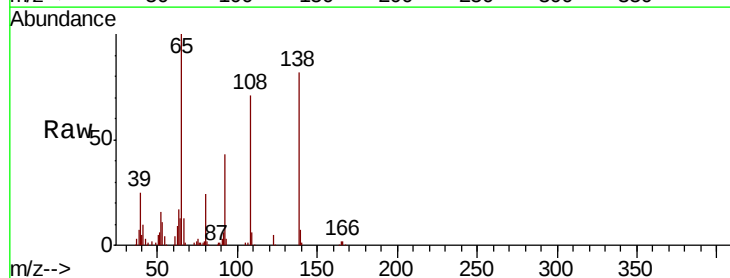
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 43.455 ng
RT: 15.86 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.0	38.7	78.7
108	87.3	74.6	114.6

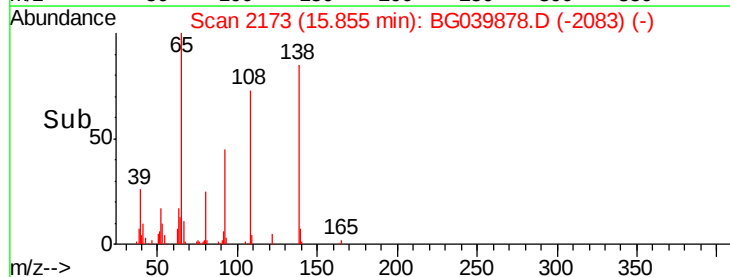
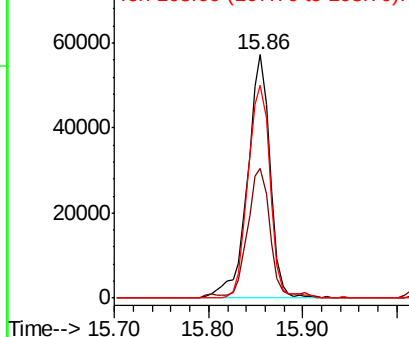


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





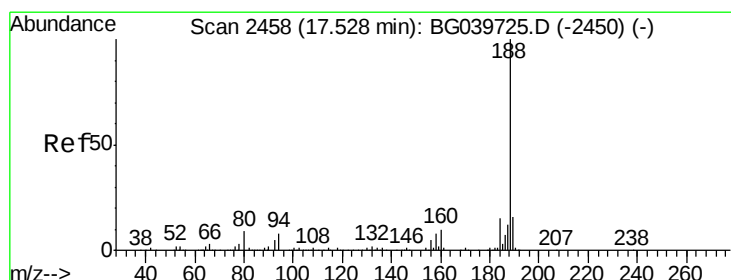
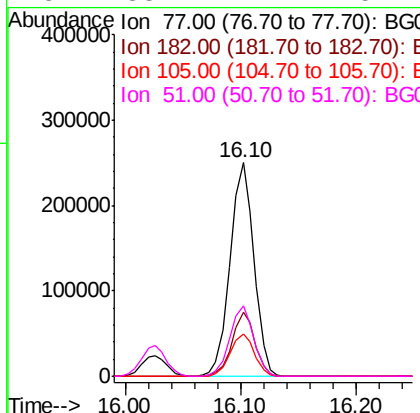
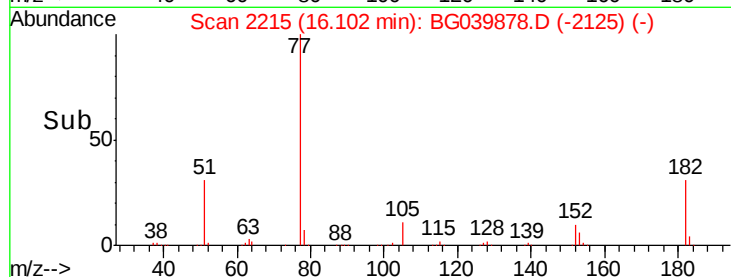
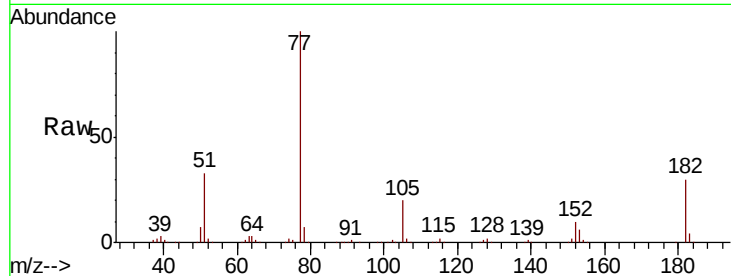
#63
Azobenzene
Concen: 42.134 ng
RT: 16.10 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Instrument :
BNA_G
ClientSampleId :
PB117829BSD

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	29.7	6.4	46.4	
105	19.9	0.0	39.8	
51	33.1	14.1	54.1	

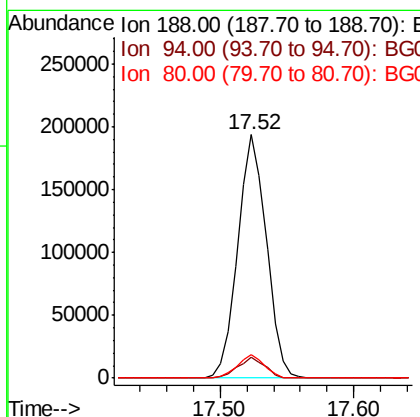
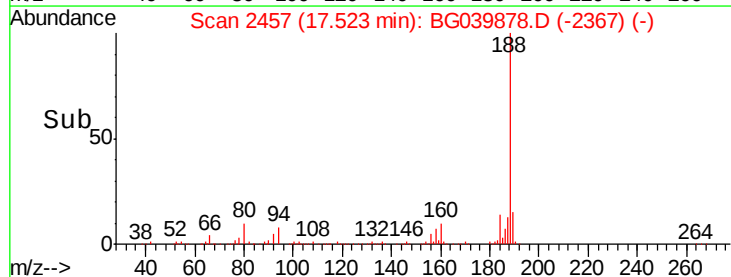
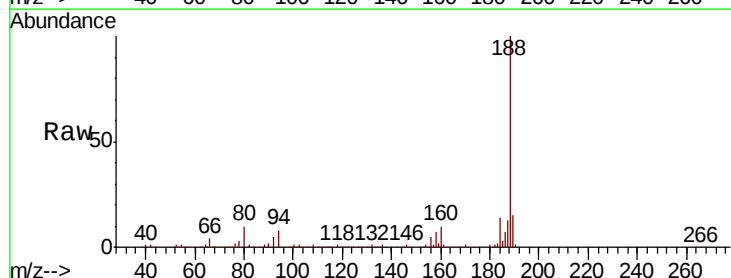
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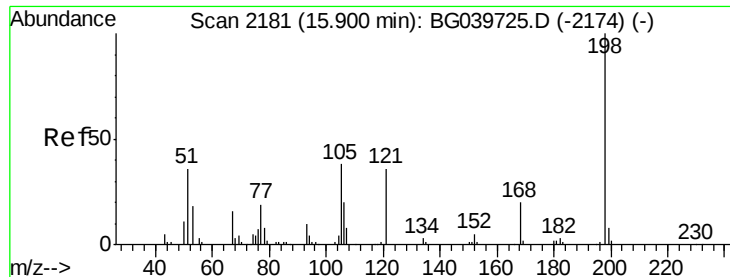
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.4	6.9	10.3	
80	9.5	8.1	12.1	





#65

4,6-Dinitro-2-methylphenol

Concen: 41.089 ng

RT: 15.90 min Scan# 2180

Delta R.T. -0.00 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

Instrument :

BNA_G

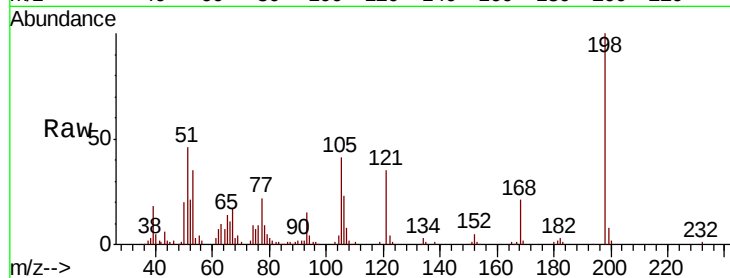
ClientSampleId :

PB117829BSD

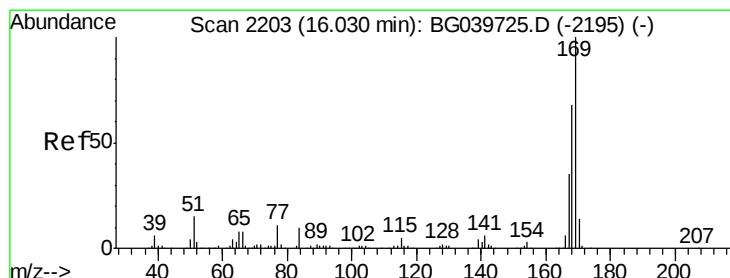
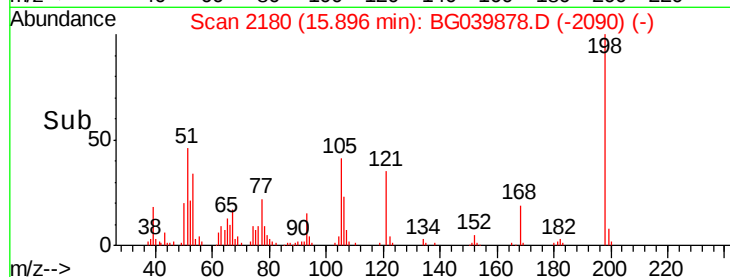
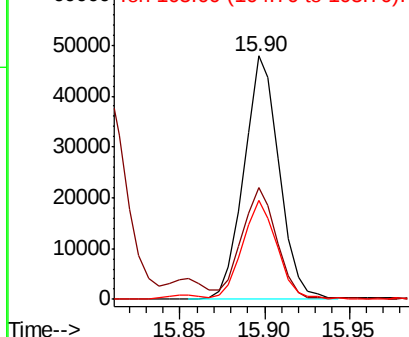
Tot Ion:	198	Resp:	69646
Ion Ratio	Lower	Upper	
198	100		
51	46.0	27.4	67.4
105	40.8	19.7	59.7

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



#66

n-Nitrosodiphenylamine

Concen: 42.029 ng

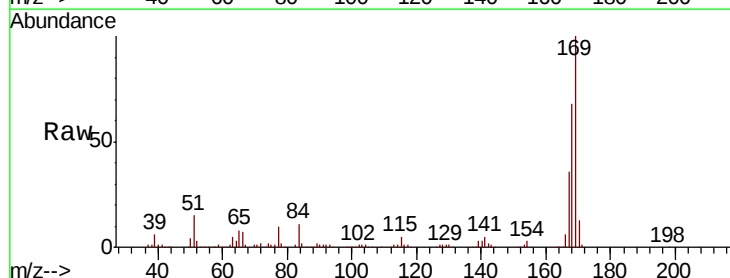
RT: 16.03 min Scan# 2202

Delta R.T. -0.00 min

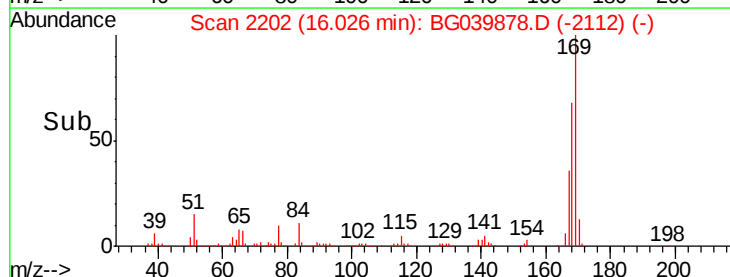
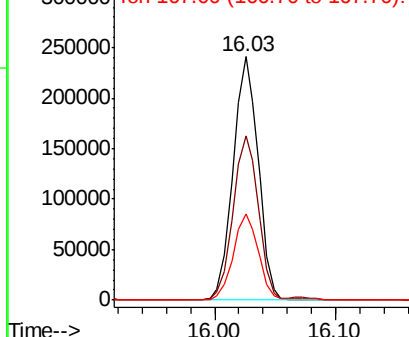
Lab File: BG039878.D

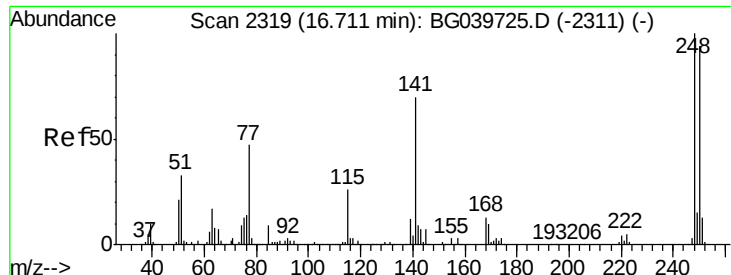
Acq: 12 Mar 2019 17:34

Tgt Ion:	169	Resp:	348809
Ion Ratio	Lower	Upper	
169	100		
168	67.6	56.6	85.0
167	35.5	28.8	43.2



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





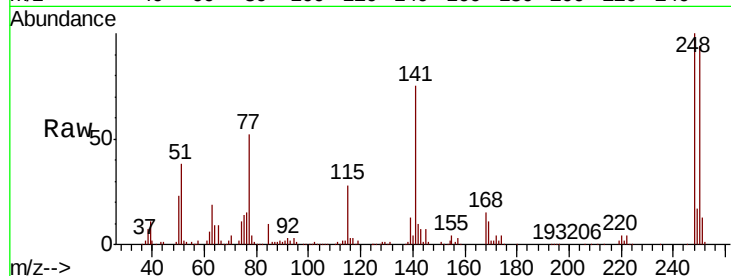
#67
4-Bromophenyl-phenylether
Concen: 40.909 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.01 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Instrument :
BNA_G
ClientSampleId :
PB117829BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.5	77.6	116.4
141	75.1	63.9	95.9

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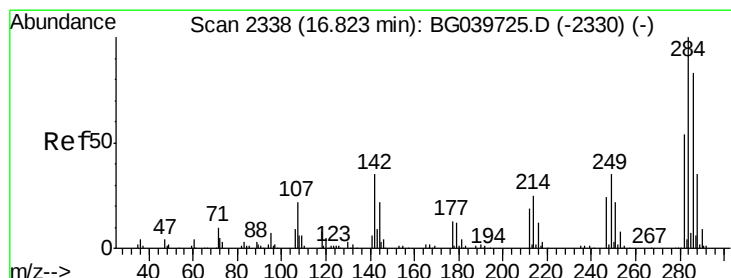
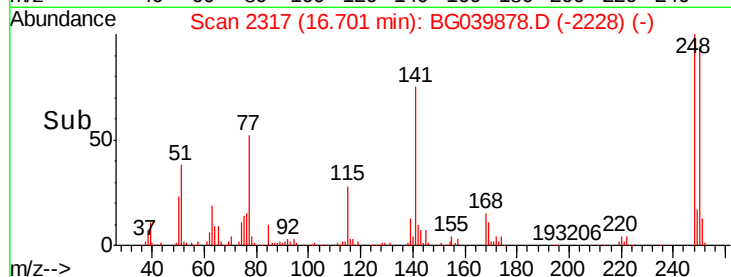
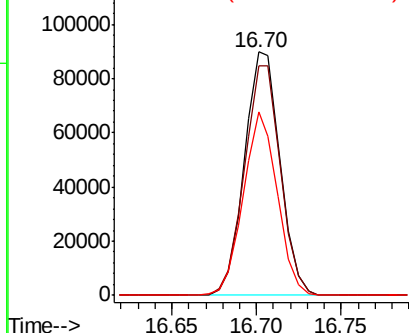


Abundance

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: 40.072 ng
RT: 16.82 min Scan# 2337
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

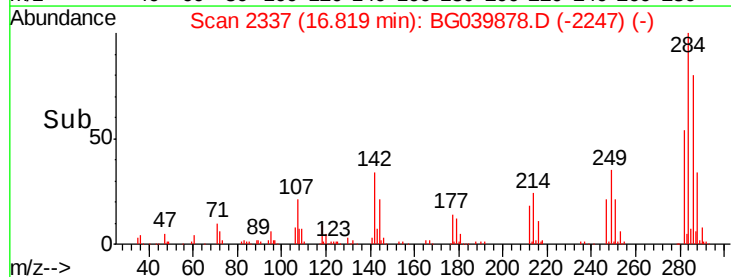
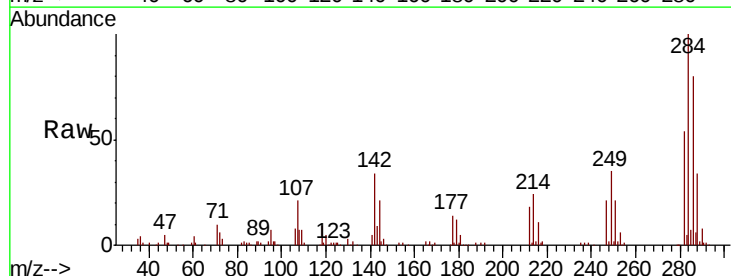
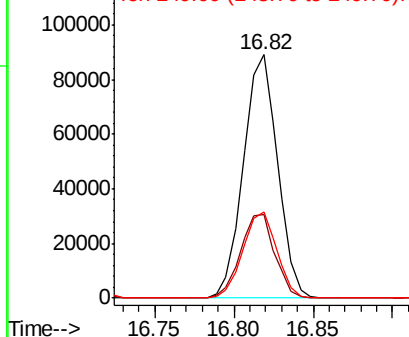
Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.1	30.6	45.8
249	35.4	28.2	42.2

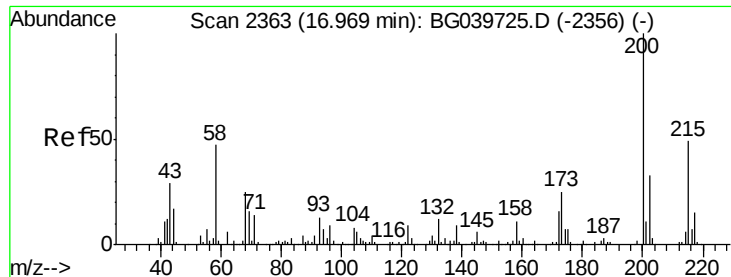
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





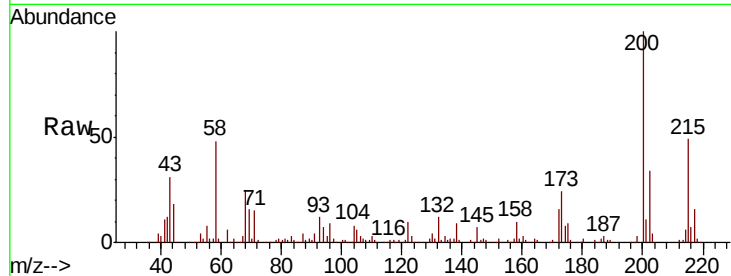
#69
 Atrazine
 Concen: 42.493 ng
 RT: 16.97 min Scan# 2362
 Delta R.T. -0.00 min
 Lab File: BG039878.D
 Acq: 12 Mar 2019 17:34

Instrument :
 BNA_G
 ClientSampleId :
 PB117829BSD

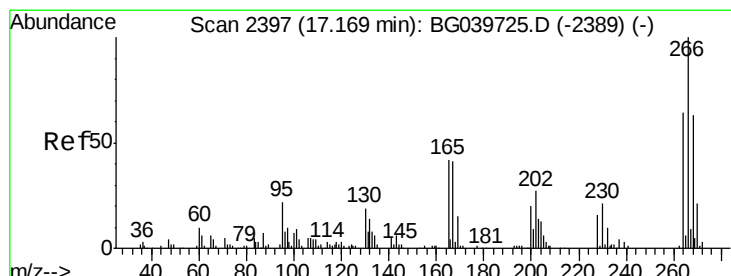
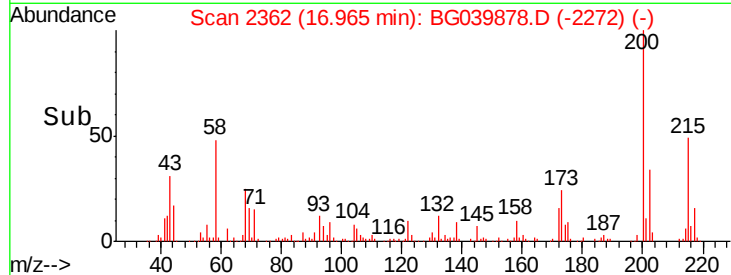
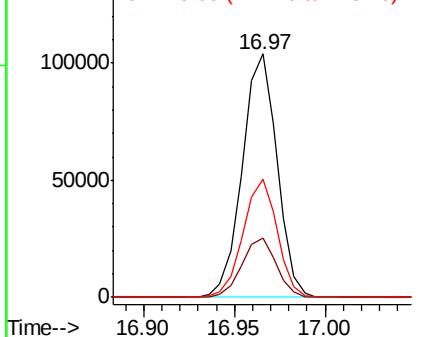
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.5	3.9	43.9
215	48.7	30.9	70.9

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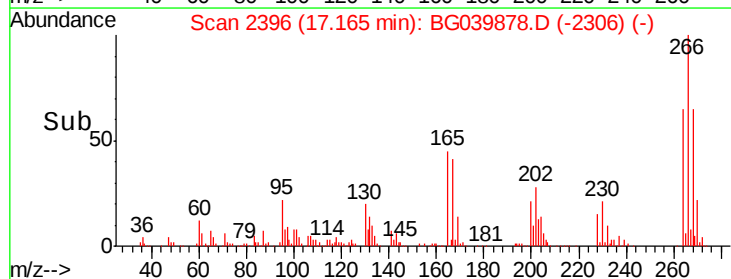
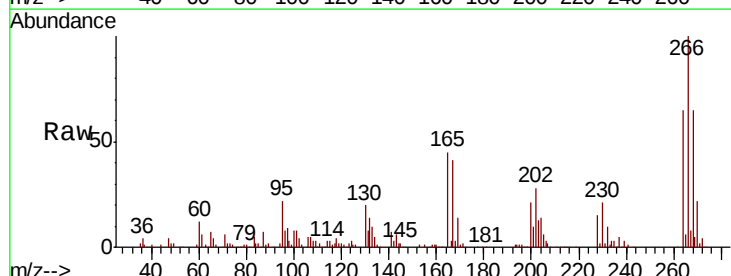
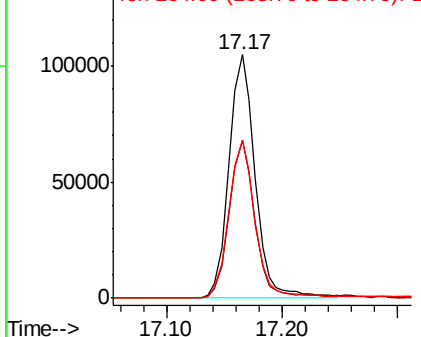
Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

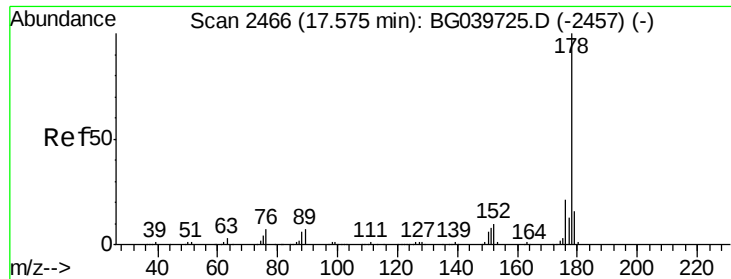


#70
 Pentachlorophenol
 Concen: 78.836 ng
 RT: 17.17 min Scan# 2396
 Delta R.T. -0.00 min
 Lab File: BG039878.D
 Acq: 12 Mar 2019 17:34

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.9	51.1	76.7
264	64.6	52.1	78.1

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





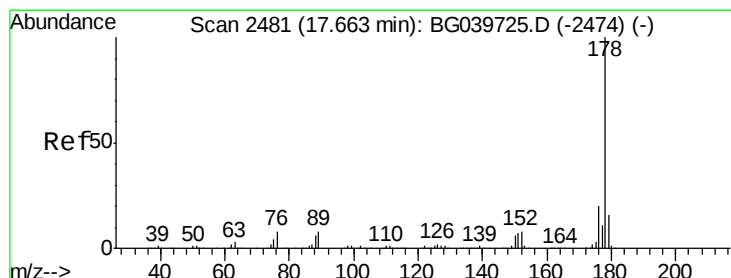
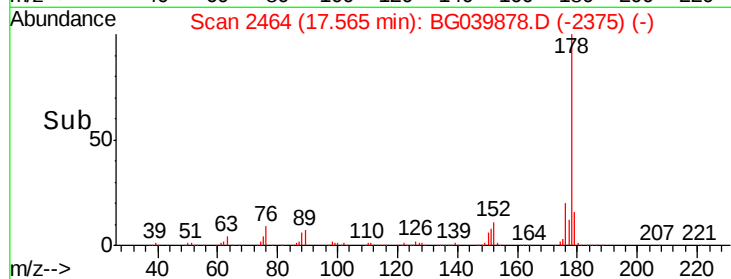
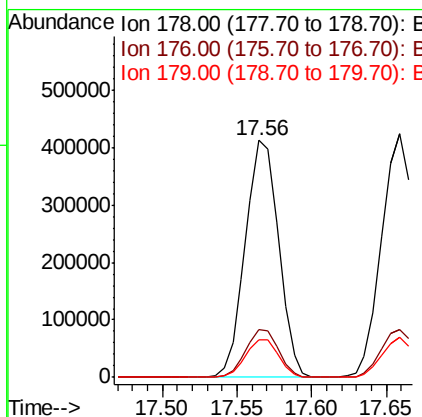
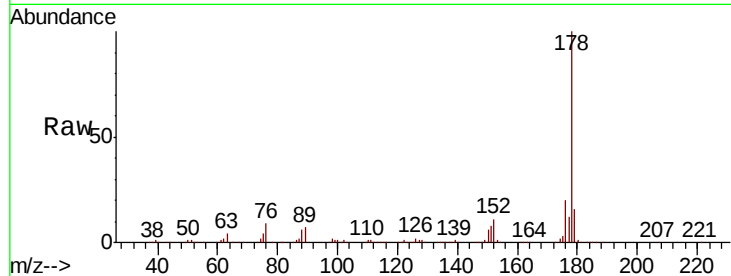
#71
Phenanthrene
Concen: 40.542 ng
RT: 17.56 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Instrument :
BNA_G
ClientSampleId :
PB117829BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.2	24.4
179	16.0	12.6	19.0

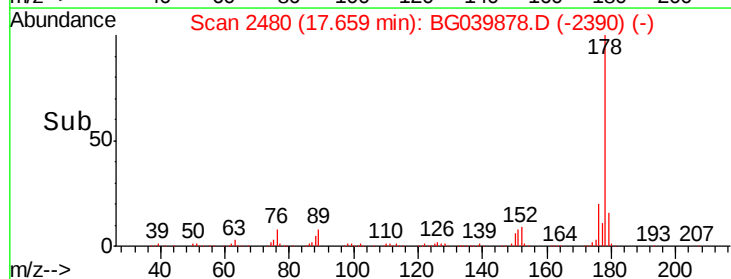
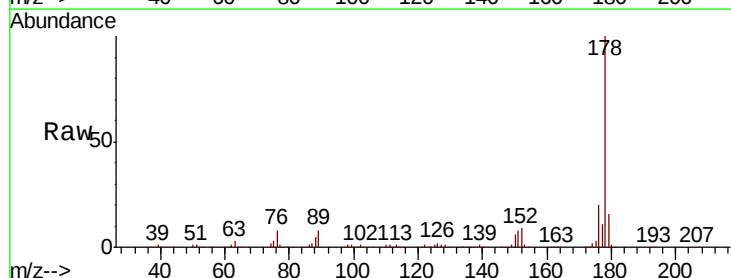
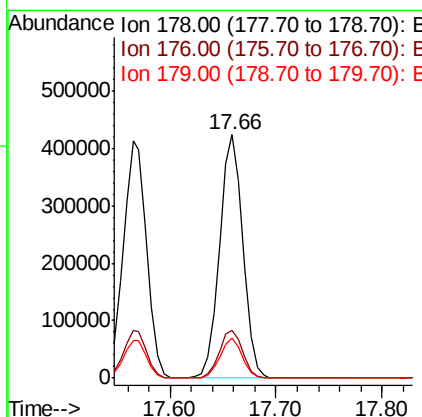
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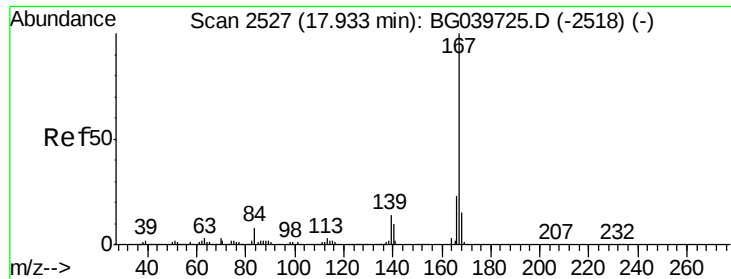
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#72
Anthracene
Concen: 42.109 ng
RT: 17.66 min Scan# 2480
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.6
179	16.3	12.5	18.7





#73

Carbazole

Concen: 41.004 ng

RT: 17.93 min Scan# 2526

Delta R.T. -0.00 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

Instrument :

BNA_G

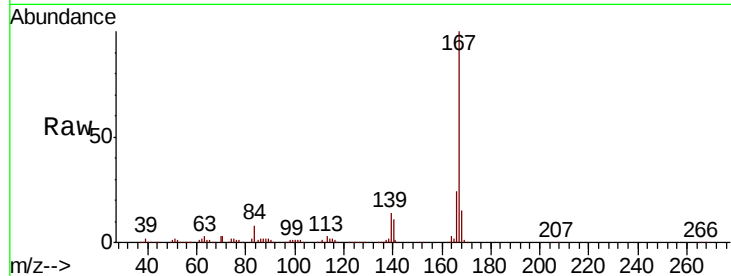
ClientSampleId :

PB117829BSD

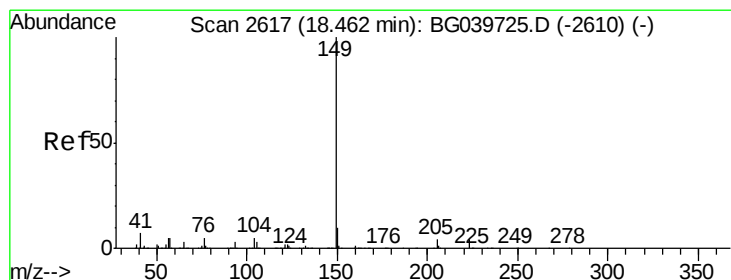
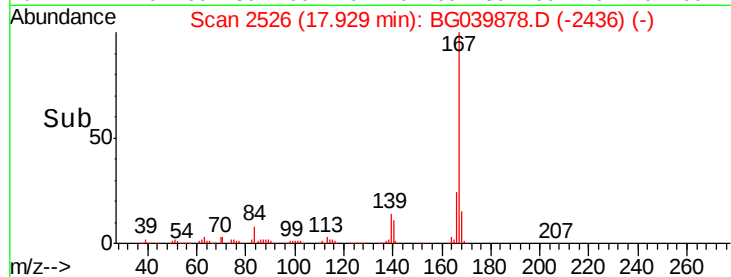
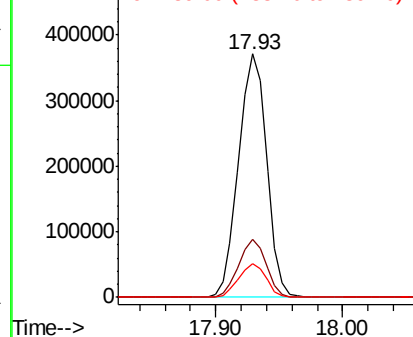
Tot Ion:	167	Resp:	568804
Ion Ratio	Lower	Upper	
167	100		
166	23.8	19.4	29.2
139	13.8	10.8	16.2

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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: 42.783 ng

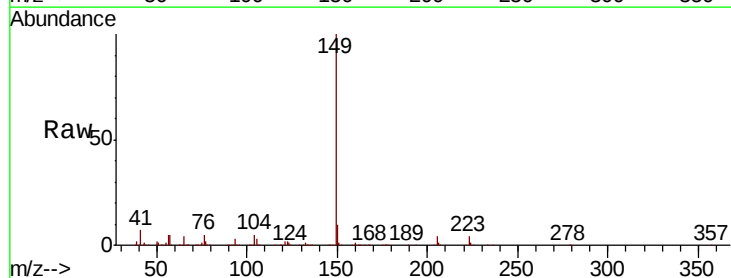
RT: 18.46 min Scan# 2616

Delta R.T. -0.00 min

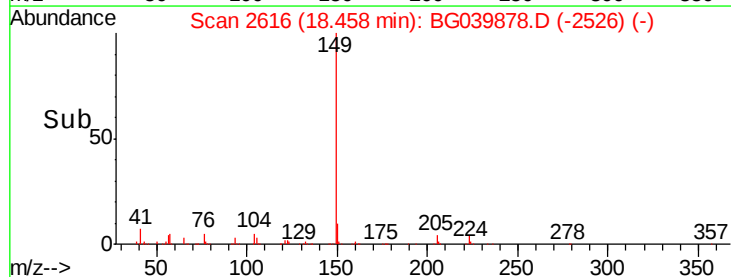
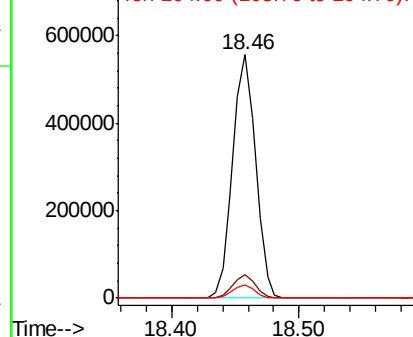
Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

Tgt Ion:	149	Resp:	698278
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.7	11.5
104	5.5	4.5	6.7



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: 41.606 ng

RT: 19.57 min Scan# 2805

Delta R.T. -0.00 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

Instrument :

BNA_G

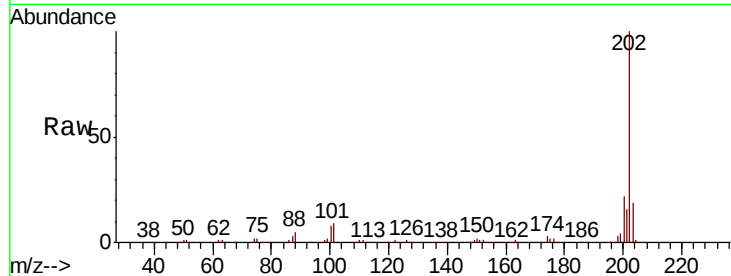
ClientSampleId :

PB117829BSD

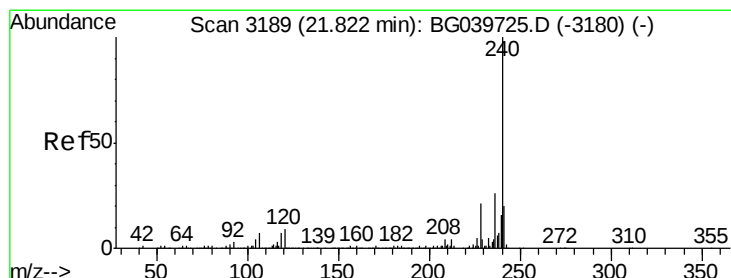
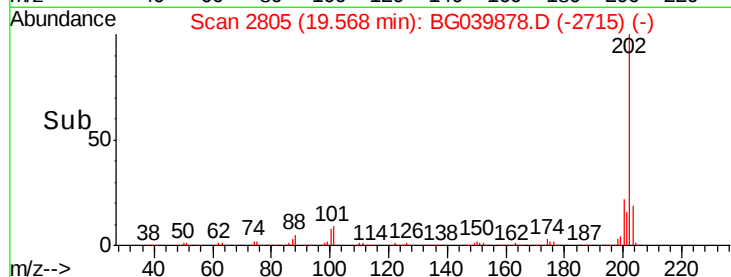
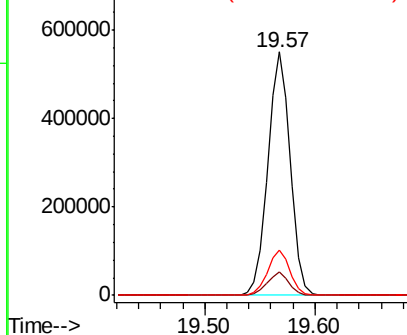
Tot Ion	Ratio	Resp	Lower	Upper
202	100	776425		
101	9.4	0.0	30.0	
203	18.7	0.0	38.9	

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



#76

Chrysene-d12

Concen: 20.000 ng

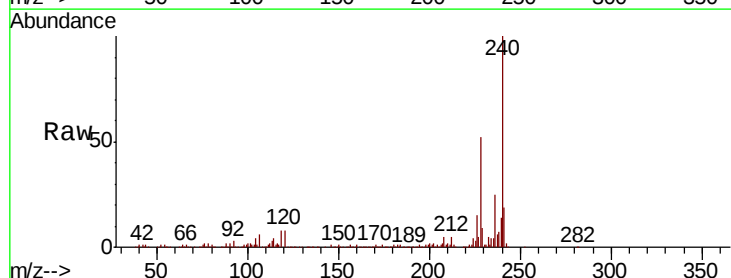
RT: 21.81 min Scan# 3187

Delta R.T. -0.00 min

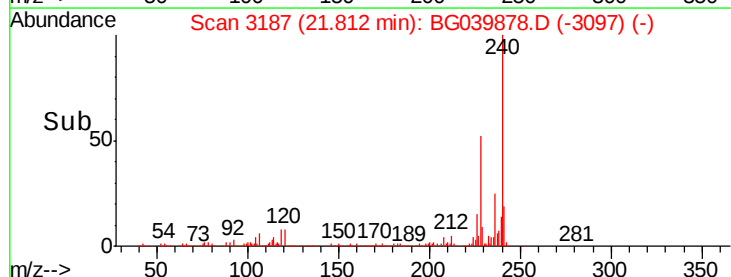
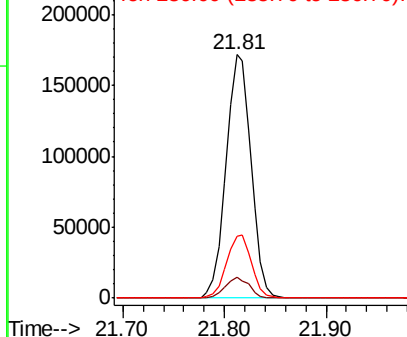
Lab File: BG039878.D

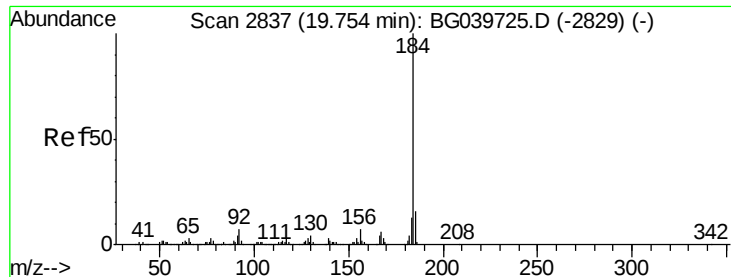
Acq: 12 Mar 2019 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	293358		
120	8.5	7.0	10.6	
236	25.3	21.0	31.4	



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





#77

Benzidine

Concen: 30.108 ng

RT: 19.75 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

Instrument :

BNA_G

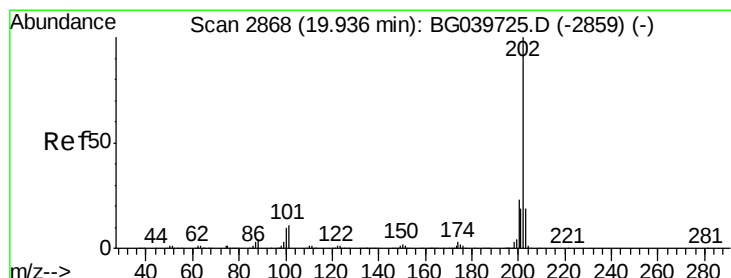
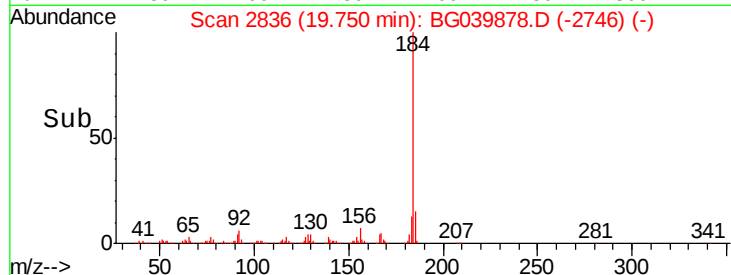
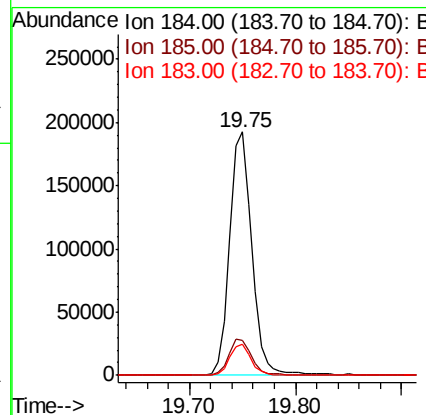
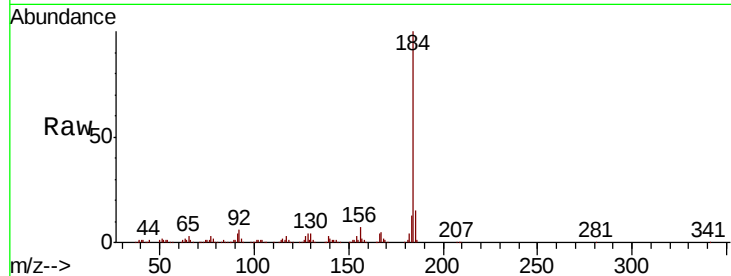
ClientSampleId :

PB117829BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.6	12.2	18.2	
183	13.0	10.6	15.8	

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#78

Pyrene

Concen: 41.177 ng

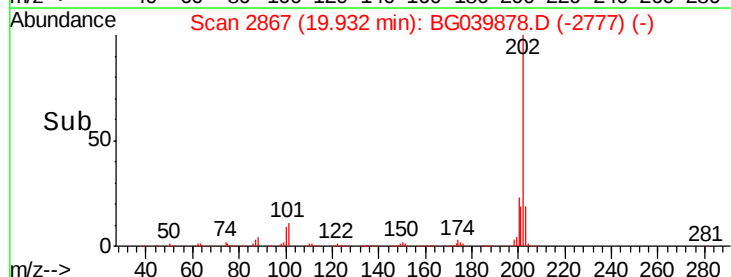
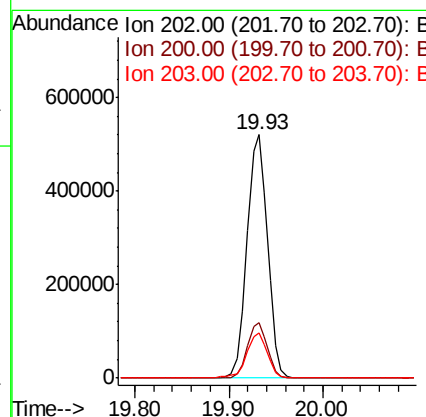
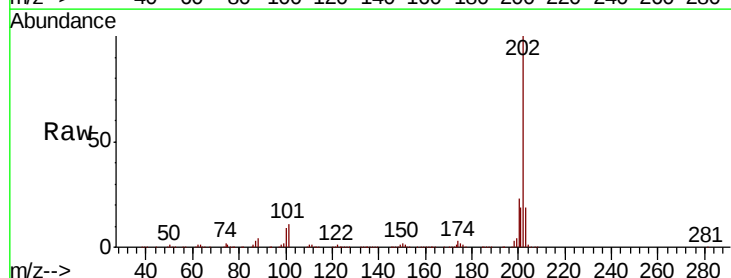
RT: 19.93 min Scan# 2867

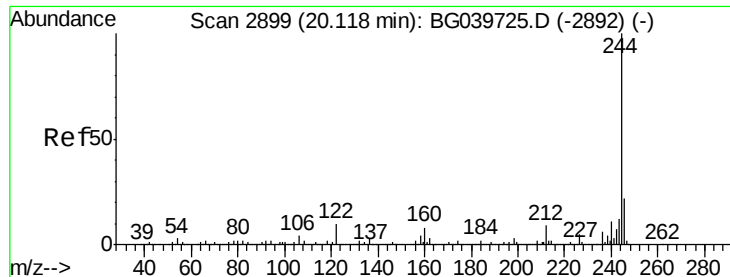
Delta R.T. -0.00 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	22.6	17.8	26.8	
203	18.5	15.3	22.9	





#79

Terphenyl-d14

Concen: 78.642 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.00 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

Instrument :

BNA_G

ClientSampleId :

PB117829BSD

Tot Ion:244 Resp: 1047794

Ion Ratio Lower Upper

244 100

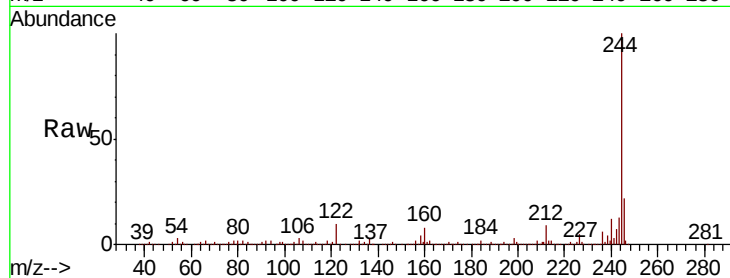
212 9.0 7.3 10.9

122 9.7 8.4 12.6

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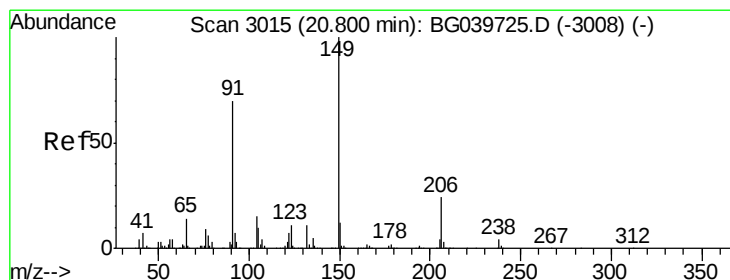
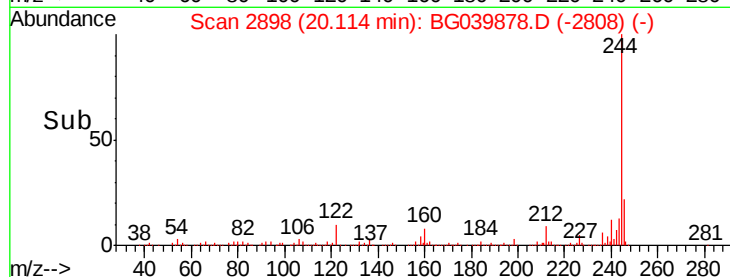
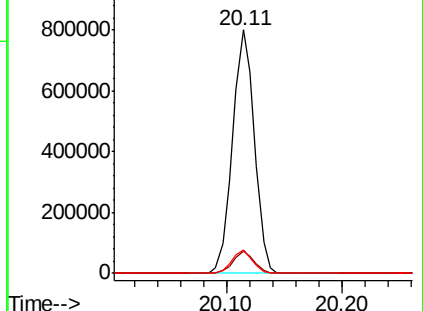
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.400 ng

RT: 20.80 min Scan# 3014

Delta R.T. -0.00 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

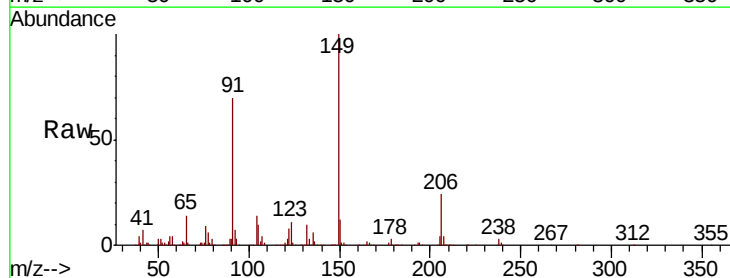
Tgt Ion:149 Resp: 327908

Ion Ratio Lower Upper

149 100

91 69.9 59.5 89.3

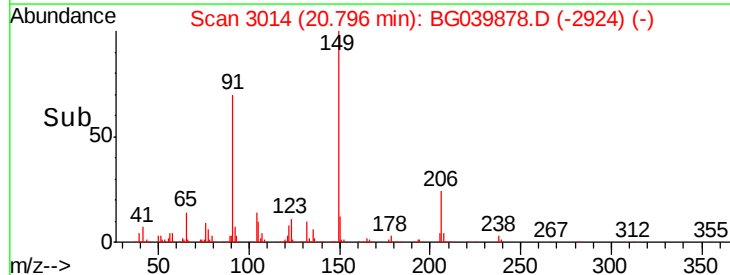
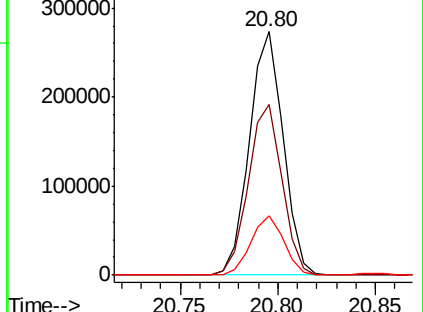
206 24.1 18.6 27.8

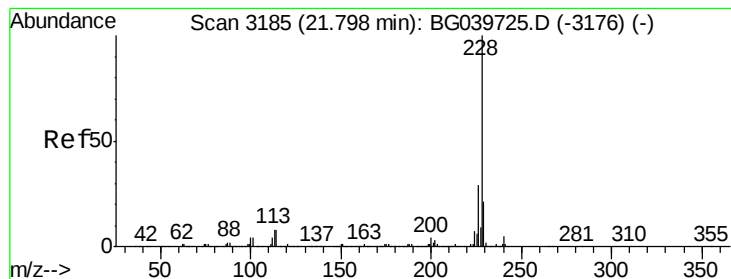


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.649 ng

RT: 21.79 min Scan# 3184

Delta R.T. -0.00 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

Instrument :

BNA_G

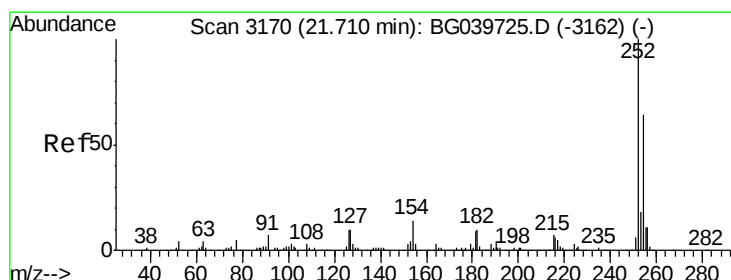
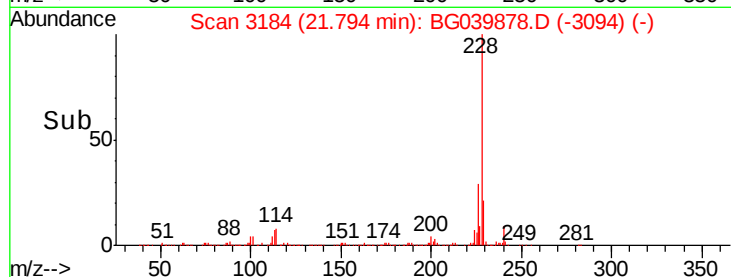
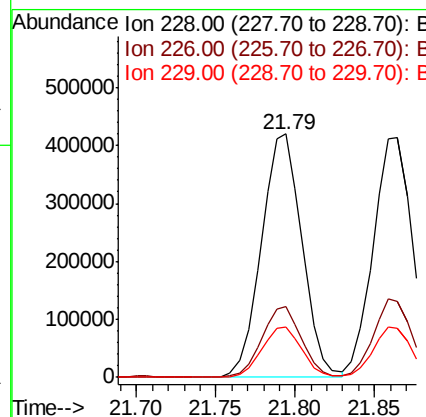
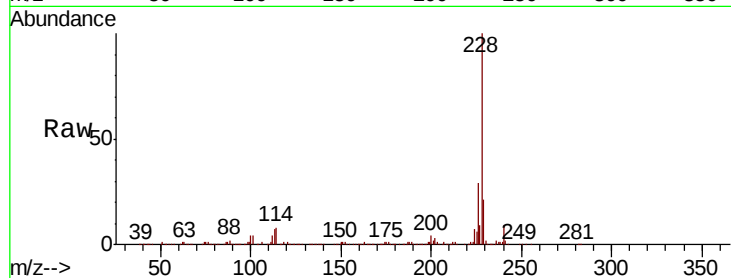
ClientSampleId :

PB117829BSD

Tot Ion	Ion	Ratio	Lower	Upper
228	100			
226	29.2	23.0	34.6	
229	20.8	16.9	25.3	

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#82

3,3'-Dichlorobenzidine

Concen: 27.598 ng

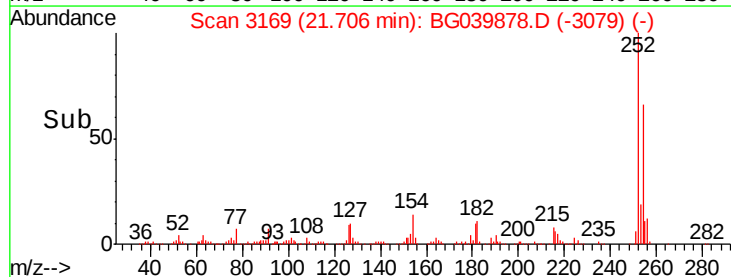
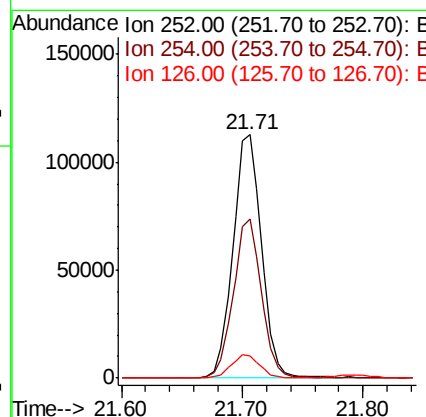
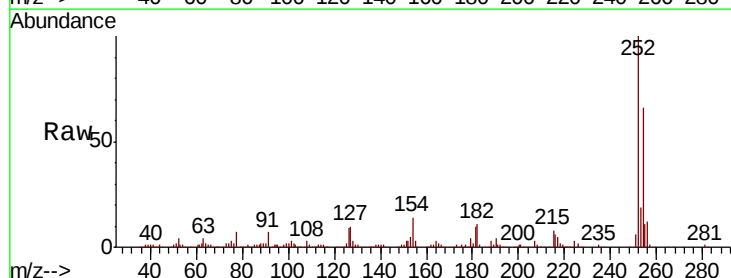
RT: 21.71 min Scan# 3169

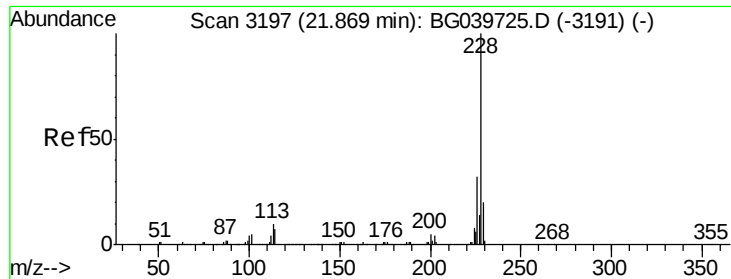
Delta R.T. -0.00 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

Tgt Ion	Ion	Ratio	Lower	Upper
252	100			
254	65.5	51.3	76.9	
126	9.3	8.0	12.0	





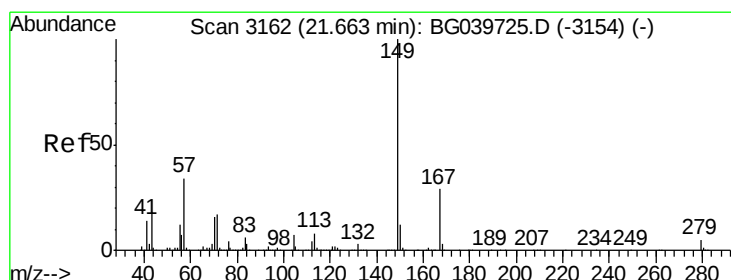
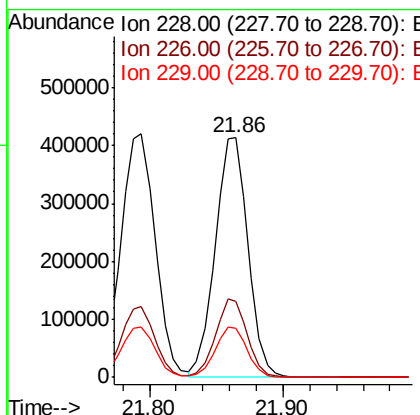
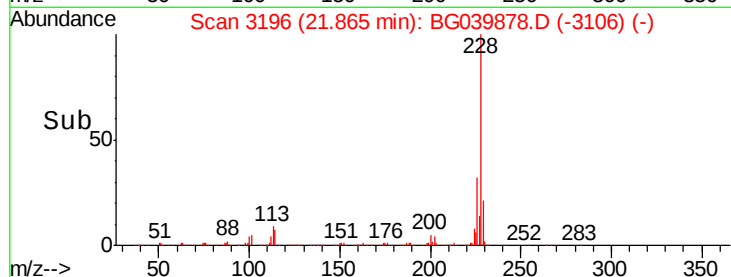
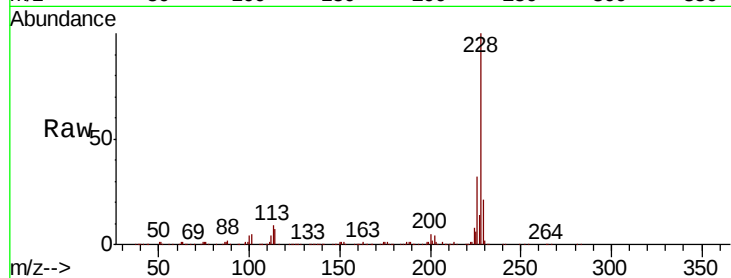
#83
Chrysene
Concen: 39.914 ng
RT: 21.86 min Scan# 3196
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Instrument :
BNA_G
ClientSampleId :
PB117829BSD

Tot Ion:	228	Resp:	711441
Ion Ratio	Lower	Upper	
228	100		
226	31.5	25.8	38.6
229	20.5	16.6	25.0

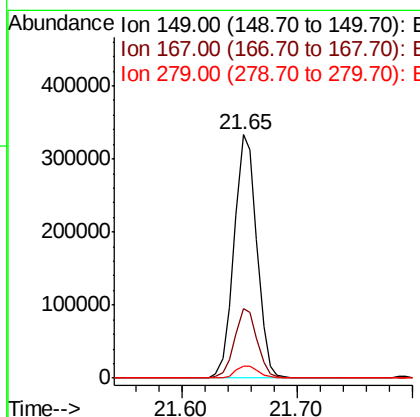
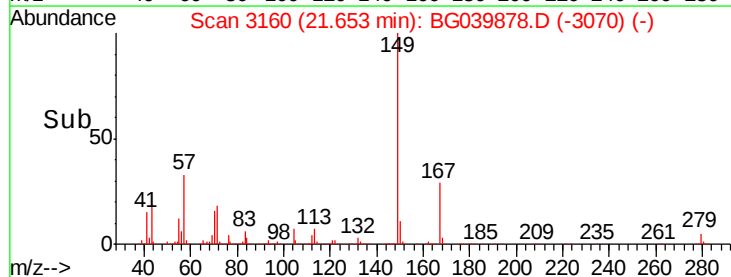
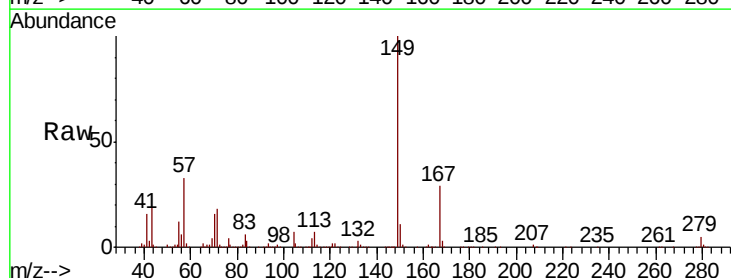
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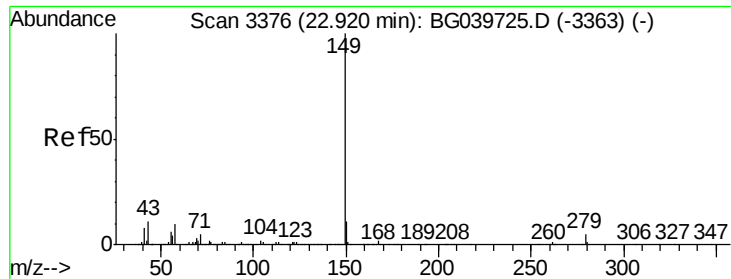
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#84
Bis(2-ethylhexyl)phthalate
Concen: 43.718 ng
RT: 21.65 min Scan# 3160
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Tgt Ion:	149	Resp:	453709
Ion Ratio	Lower	Upper	
149	100		
167	28.6	22.6	34.0
279	5.0	3.5	5.3





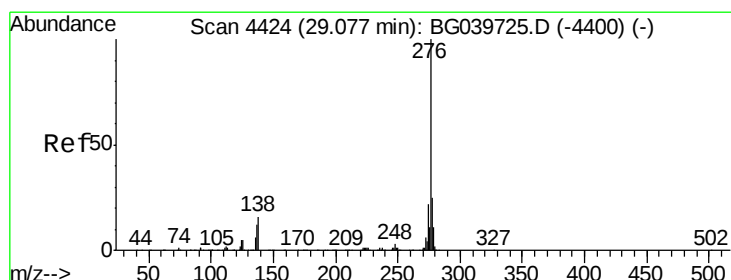
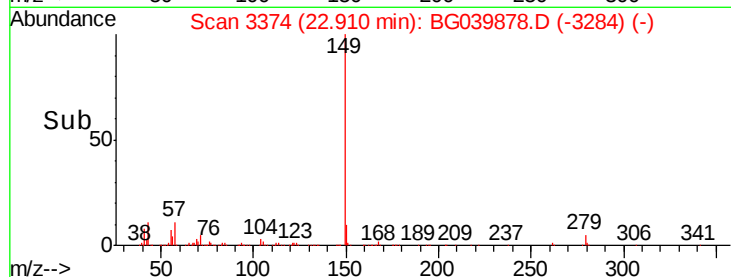
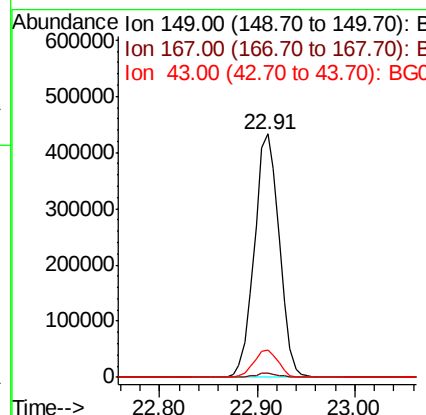
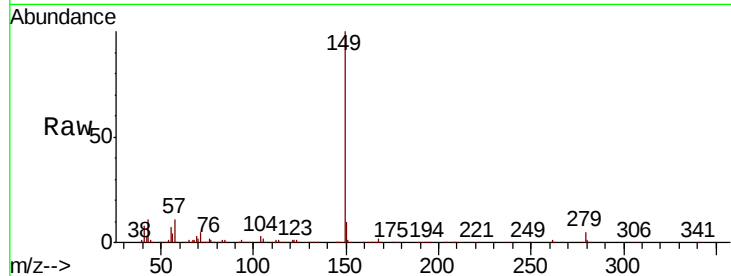
#85
Di-n-octyl phthalate
Concen: 44.695 ng
RT: 22.91 min Scan# 3374
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Instrument :
BNA_G
ClientSampleId :
PB117829BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	768027		
167	1.6		1.3	1.9
43	10.9		10.2	15.4

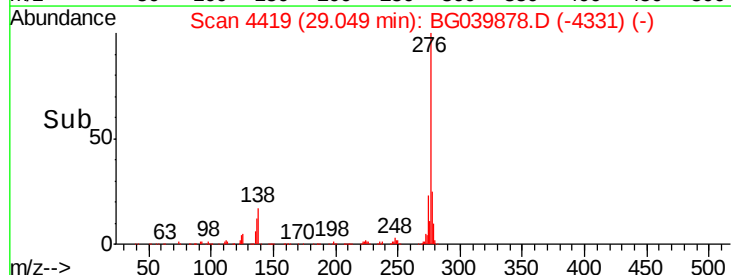
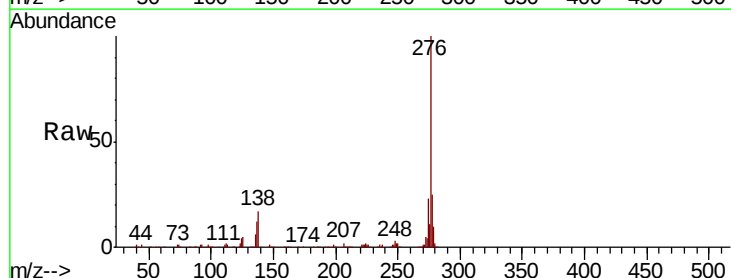
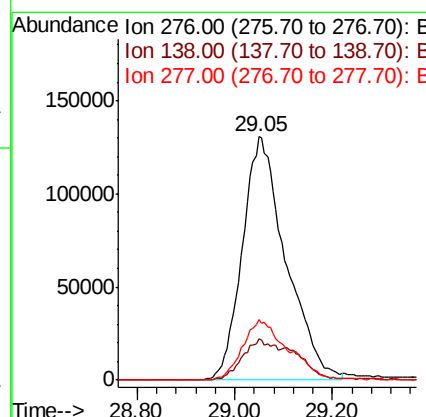
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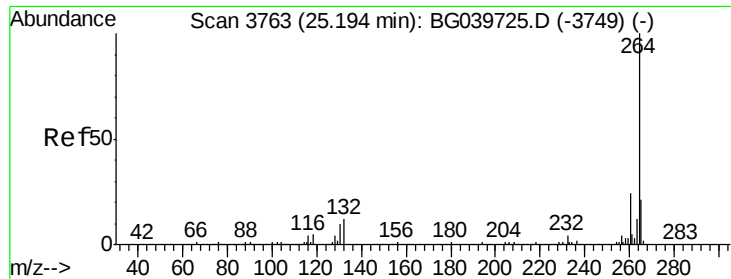
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#86
Indeno(1,2,3-cd)pyrene
Concen: 40.078 ng
RT: 29.05 min Scan# 4419
Delta R.T. -0.01 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	810415		
138	12.5		12.6	19.0#
277	26.0		20.8	31.2





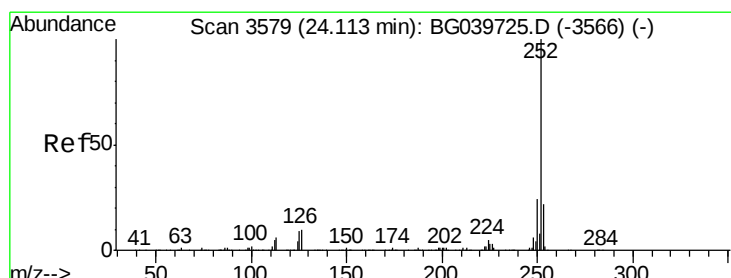
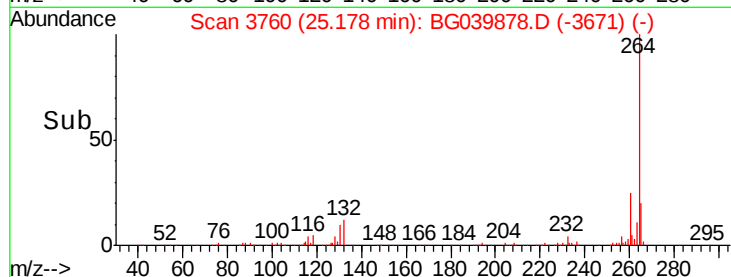
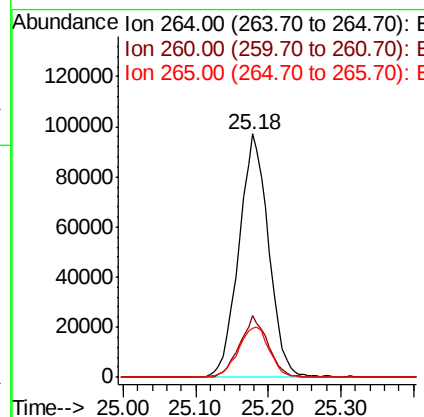
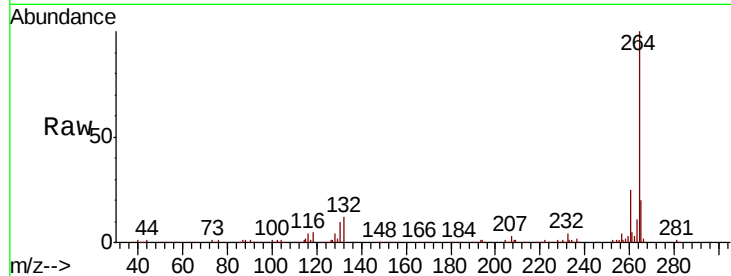
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.18 min Scan# 3760
Delta R.T. -0.01 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Instrument :
BNA_G
ClientSampleId :
PB117829BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	18.2	27.4
265	20.2	18.5	27.7

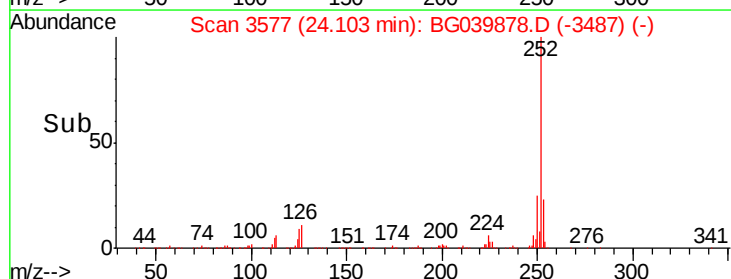
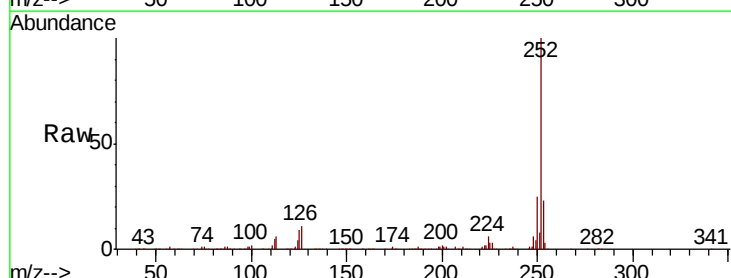
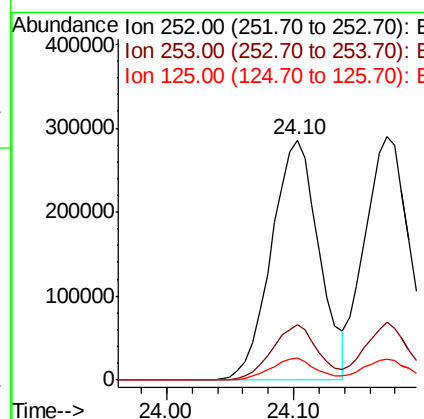
Manual Integrations
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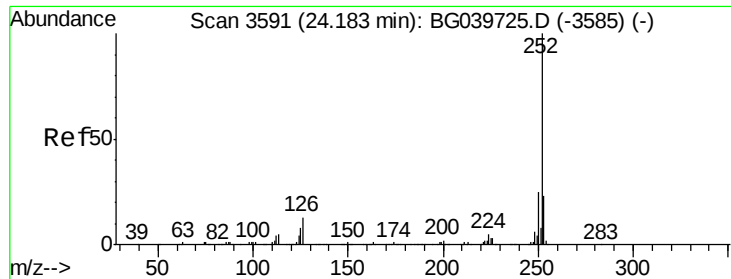
Sohil
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#88
Benzo(b)fluoranthene
Concen: 45.431 ng
RT: 24.10 min Scan# 3577
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	9.1	7.8	11.6





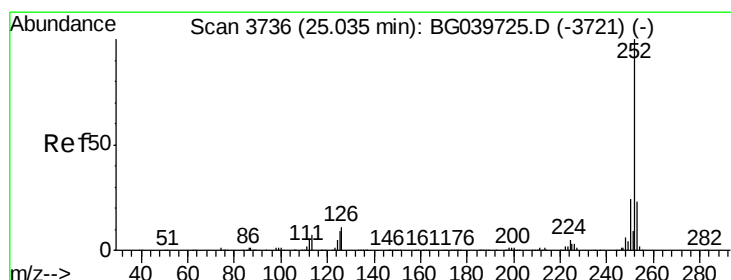
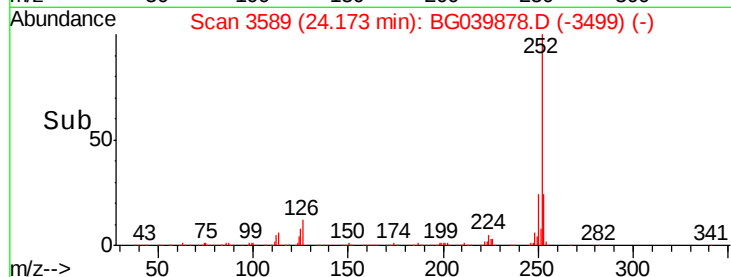
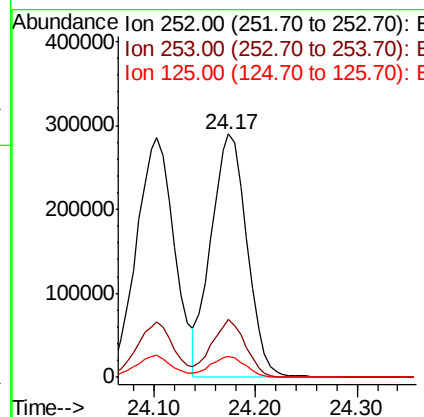
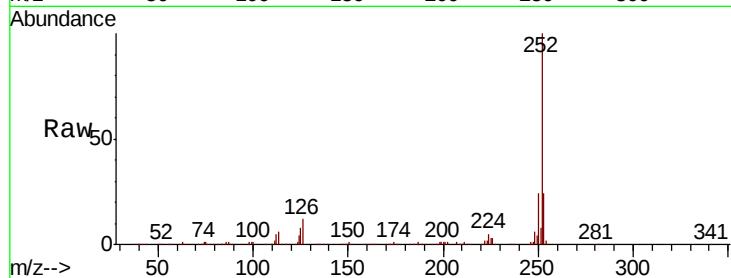
#89
Benzo(k)fluoranthene
Concen: 46.263 ng
RT: 24.17 min Scan# 3589
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Instrument :
BNA_G
ClientSampleId :
PB117829BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	708775		
253	23.6		18.2	27.2
125	8.4		7.4	11.2

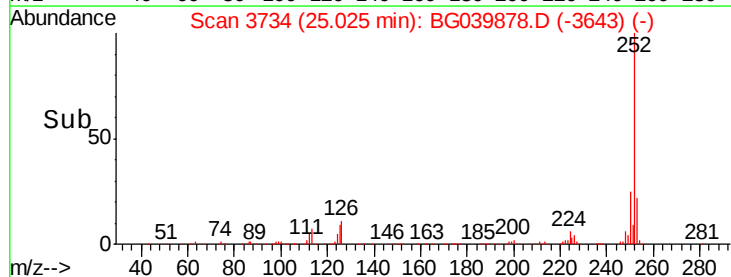
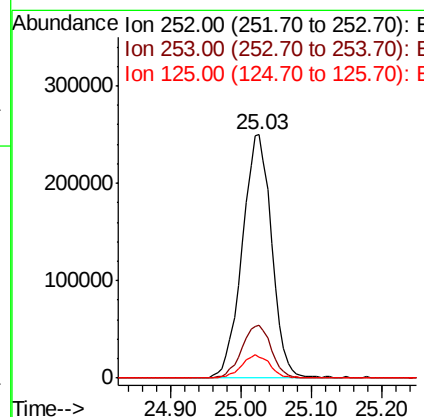
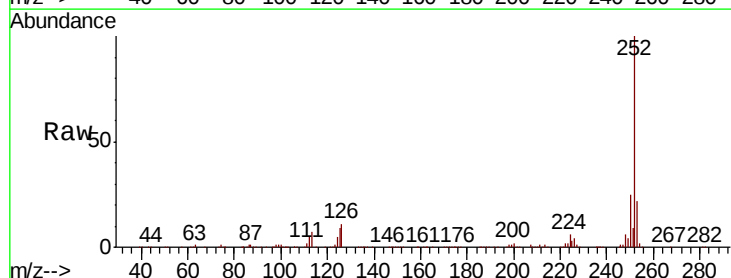
Manual Integrations
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#90
Benzo(a)pyrene
Concen: 47.633 ng
RT: 25.03 min Scan# 3734
Delta R.T. 0.01 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	724429		
253	21.9		17.9	26.9
125	8.8		8.3	12.5





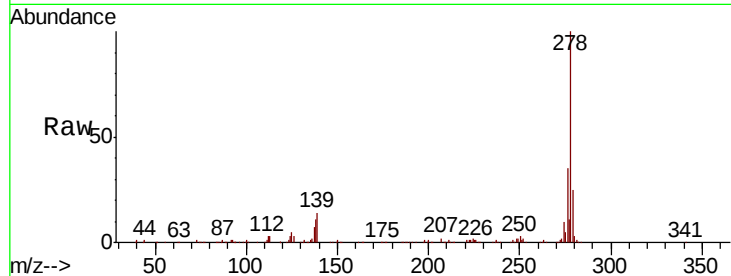
#91
Dibenzo(a,h)anthracene
Concen: 44.661 ng
RT: 29.13 min Scan# 4432
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Instrument :
BNA_G
ClientSampleId :
PB117829BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.1	11.7	17.5
279	25.0	19.1	28.7

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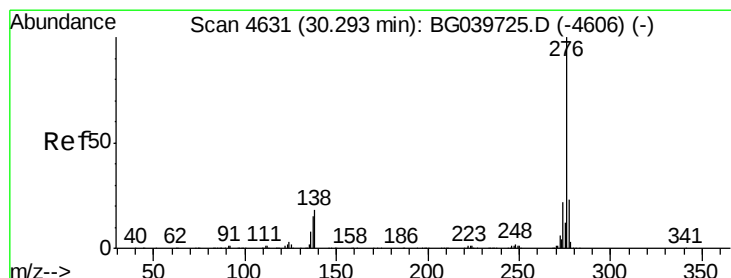
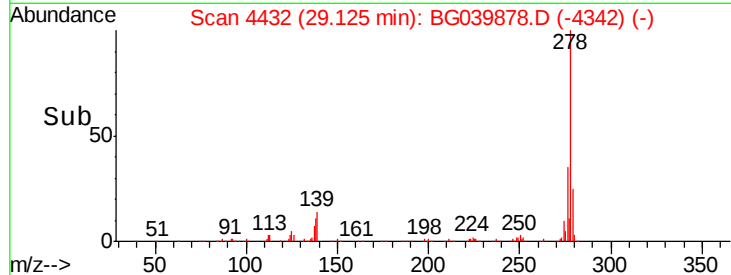
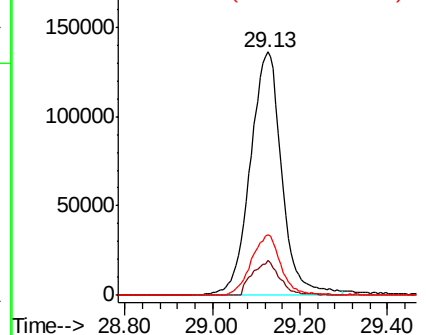


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 44.008 ng
RT: 30.28 min Scan# 4628
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.7	19.6	29.4
138	17.9	14.7	22.1

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

